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EG&G

ROCKY FLATS

Environmental Restoration Program
Final RFI/RI Work Plan for OU 12 (400/800 Area)

December 1992
Volume II - Appendices

ADMIN RECORD

A-OU12-000094

APPENDIX A

EXISTING SOIL, GROUND WATER, AND SURFACE WATER DATA FROM RFEDS

2/601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	A					7	J	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	A					21	J	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	A					2	J	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	11	UG/KG		B	5	A					17	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	TOLUENE	2	UG/KG		JB	5	A					24	J	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	A					6	J	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890002	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890003	28-SEP-89	N																
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	A					9	J	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	A					3	J	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					7	U	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	5	A					15	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	A					10	J	5

3/1601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	A					2	J	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890204	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43890307	28-SEP-89	N																
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					5	J	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					14	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					10	J	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	13	UG/KG		B	6	A					18	UJ	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					18	J	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					4	J	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890406	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	2-BUTANONE	13	UG/KG		U	13	R					13	U	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	2-HEXANONE	13	UG/KG		U	13	A					13	UJ	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/KG		U	13	A					13	UJ	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	ACETONE	13	UG/KG		U	13	V					13	U	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					5	J	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	13	UG/KG		U	13	V					13	U	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	13	UG/KG		U	13	V					13	U	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/KG		U	13	V					13	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					8	J	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		B	6	A					18	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					87	J	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					21	J	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	13	UG/KG		U	13	A					13	UJ	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/KG		U	13	V					13	U	10
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890608	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43890711	28-SEP-89	N																
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG			11	A					12	J	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	5	A					10	UJ	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43890810	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114789	SB	REAL	PZ43891115	28-SEP-89	N																
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	R					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		B	6	A					12	UJ	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891214	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	A					23	J	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					5	J	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					9	J	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					17	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					100	J	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					24	J	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	A					11	UJ	10
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891416	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114789	SB	REAL	PZ43891519	28-SEP-89	N																
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	R					10	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	ACETONE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	A					4	J	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	A					5	U	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	A					6	J	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	13	UG/KG		B	5	A					16	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	A					73	J	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	A					18	J	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	A					10	UJ	10
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891618	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891820	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43891922	28-SEP-89	N																
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892022	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	ACETONE	8	UG/KG		JB	12	A					12	UJ	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892224	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892226	28-SEP-89	N																
P114789	SB	REAL	PZ43892631	28-SEP-89	N																
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					10	UJ	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892728	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43892829	28-SEP-89	N																
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					10	UJ	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114789	SB	REAL	PZ43893031	28-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	ACETONE	7	UG/KG		JB	11	A					11	UJ	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	R					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	5	A					15	UJ	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890911D	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	DUP	PZ44890913D	22-SEP-89	N																
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	ACETONE	53	UG/KG			11	A					190	J	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	A					11	UJ	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					2	J	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	A					11	UJ	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	A					11	UJ	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	13	UG/KG		B	6	A					19	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	U	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	A					11	UJ	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	A					11	UJ	10
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890002	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44890003	22-SEP-89	N																
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	2-BUTANONE	17	UG/KG		U	17	R					17	U	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	2-HEXANONE	17	UG/KG		U	17	A					17	UJ	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	17	UG/KG		U	17	A					17	UJ	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	ACETONE	17	UG/KG		U	17	A					17	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	BENZENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	BROMOFORM	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	17	UG/KG		U	17	A					17	UJ	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	9	UG/KG		U	9	A					6	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	17	UG/KG		U	17	A					17	U	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	CHLOROFORM	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	17	UG/KG		U	17	A					17	UJ	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	17	UG/KG		B	9	A					17	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	STYRENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	TOLUENE	3	UG/KG		JB	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		J	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	17	UG/KG		U	17	R					17	U	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	17	UG/KG		U	17	A					17	UJ	10
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890204	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	9	UG/KG		U	9	A					9	UJ	5
P114889	SB	REAL	PZ44890306	22-SEP-89	N																
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	ACETONE	34	UG/KG			11	A					34	J	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	1	UG/KG		J	5	A					1	J	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	5	A					15	UJ	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890506	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	ACETONE	75	UG/KG			11	A					75	J	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	17	UG/KG		B	5	A					17	UJ	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/G		U	5									
P114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/G		U	5									
P114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/G		U	5									
P114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/G		U	5									
P114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/G		U	5									
P114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/G		U	5									

ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	ACETONE	44	UG/G			11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	BENZENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	14	UG/G		B	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	STYRENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/G		U	11								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890911	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/G		U	5								
114889	SB	REAL	PZ44890913	22-SEP-89	N																
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	ACETONE	130	UG/KG			12	A					130	J	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	BENZENE	3	UG/KG		J	6	A					3	J	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	19	UG/KG			6	V					19		5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	23	UG/KG		B	6	A					12	UJ	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
114889	SB	REAL	PZ44891214	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114889	SB	REAL	PZ44891318	22-SEP-89	N																
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	A					12	UJ	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	A					12	UJ	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	ACETONE	7	UG/KG		J	12	A					77	J	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	U	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					3	J	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		B	6	A					22	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	A					12	UJ	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891416	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		B	12	A					12	UJ	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	R					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	19	UG/KG		B	6	A					19	UJ	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P114889	SB	REAL	PZ44891618	22-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	R					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	V					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	V					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	ACETONE	6	UG/KG		J	10	A					6	J	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	V					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	V					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	V					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	17	UG/KG		B	5	A					17	UJ	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	TOLUENE	2	UG/KG		J	5	V					2	J	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	V					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	V					10	U	10
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890002	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890003	20-SEP-89	N																
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		J	12	A					11	J	10
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	19	UG/KG		B	6	A					19	UJ	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890204	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890306	20-SEP-89	N																
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	R					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	ACETONE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	18	UG/KG		B	5	A					18	UJ	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	TOLUENE	1	UG/KG		J	5	A					1	J	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	V					10	U	10
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890406	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	17	UG/KG		B	6	A					17	UJ	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	18	UG/KG		B	5	V					18	UJ	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890810	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49890812	20-SEP-89	N																
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	22	UG/KG		B	6	A					22	UJ	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891012	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	ACETONE	7	UG/G		JB	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	29	UG/G		B	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	ACETONE	5	UG/KG		JB	11	A					11	UJ	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	23	UG/KG		B	5	A					23	UJ	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891416	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P115489	SB	REAL	PZ49891418	20-SEP-89	N																
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	ACETONE	8	UG/KG		JB	12	A					12	UJ	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	24	UG/KG		B	6	A					24	UJ	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49891618	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	ACETONE	9	UG/G		JB	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	21	UG/G		B	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/G		U	12								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891820	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P115489	SB	REAL	PZ49891822	20-SEP-89	N																
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	ACETONE	14	UG/KG		B	12	A					14	UJ	10
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	20	UG/KG		B	6	A					20	UJ	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5

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ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892022	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	ACETONE	8	UG/KG		JB	12	A					12	UJ	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	23	UG/KG		B	6	A					23	UJ	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892224	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892226	20-SEP-89	N																
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	26	UG/KG		B	6	A					26	UJ	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892426	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	ACETONE	17	UG/KG		B	12	A					17	UJ	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	22	UG/KG		B	6	A					22	UJ	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892628	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49892631	20-SEP-89	N																
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	A					12	UJ	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	20	UG/KG		B	6	A					26	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115489	SB	REAL	PZ49893031	20-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	DUP	PZ50890306D	03-OCT-89	N																
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	R					10	U	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	A					10	UJ	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	A					10	UJ	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	ACETONE	42	UG/KG		B	10	A					42	UJ	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	A					5	U	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	A					10	UJ	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/G		U	5								
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	A					10	UJ	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	A					10	UJ	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	5	A					9	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	R					10	U	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	A					10	UJ	10
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	DUP	PZ50890406D	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/G		U	11								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/G		U	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/G		U	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	ACETONE	5	UG/G		J	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/G		U	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/G		U	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/G		U	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/G		B	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/G		U	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/G		U	11								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890002	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50890003	03-OCT-89	N																
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	2-BUTANONE	13	UG/KG		U	13	R					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	2-HEXANONE	13	UG/KG		U	13	V					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/KG		U	13	V					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	ACETONE	38	UG/KG		/	13	A					38	J	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	BENZENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	BROMOFORM	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	13	UG/KG		U	13	V					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	13	UG/KG		U	13	V					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	CHLOROFORM	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/KG		U	13	V					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	7	A					9	UJ	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	STYRENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	TOLUENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	13	UG/KG		U	13	R					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/KG		U	13	V					13	U	10
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890204	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	7	UG/KG		U	7	V					7	U	5
P115589	SB	REAL	PZ50890306	03-OCT-89	N																
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6J	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	ACETONE	76	UG/KG		B	11	A					35	J	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	S					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	R					11	U	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890406	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/G		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	A					11	U	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	13	UG/KG		B	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	TOLUENE	2	UG/KG		JB	5	A					2	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	A					5	U	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890608	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					5	UJ	5
P115589	SB	REAL	PZ50890609	03-OCT-89	N																
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	ACETONE	22	UG/KG		/	11	A					8	J	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					61	UJ	50
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	TOLUENE	3	UG/KG		JB	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	A					11	UJ	10
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890810	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50890912	03-OCT-89	N																
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	A					8	UJ	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891012	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	ACETONE	13	UG/KG			11	A					13	J	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	A					8	UJ	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891214	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891216	03-OCT-89	N																
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	A					6	UJ	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891416	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	ACETONE	14	UG/KG			12	A					14	J	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891618	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P115589	SB	REAL	PZ50891620	03-OCT-89	N																
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	A					12	UJ	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	A					12	UJ	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	ACETONE	35	UG/KG			12	A					7	J	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	A					12	UJ	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	18	UG/KG		B	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	TOLUENE	2	UG/KG		JB	6	A					2	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	A					12	UJ	10
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50891820	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					10	J	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					7	J	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					20	J	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					17	J	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					13	J	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	2-BUTANONE	13	UG/KG		U	13	R					12	U	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	2-HEXANONE	13	UG/KG		U	13	A					12	UJ	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/KG		U	13	A					12	UJ	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	ACETONE	37	UG/KG		B	13	A					6	J	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	13	UG/KG		U	13	R					12	U	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	13	UG/KG		U	13	A					12	UJ	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/KG		U	13	R					12	U	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG		B	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					30	J	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	13	UG/KG		U	13	R					12	U	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/KG		U	13	A					12	UJ	10
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892022	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892024	03-OCT-89	N																
P115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					4	J	5
P115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					12	J	5
P115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					8	J	5
P115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5

ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	J	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	ACETONE	31	UG/KG		B	12	A					8	J	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG		B	6	A					16	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					12	J	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	U	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					3	J	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892224	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	A					11	UJ	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	A					11	UJ	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	ACETONE	21	UG/KG			11	A					21	J	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	A					11	UJ	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	A					11	UJ	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	A					11	UJ	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	11	UG/KG		B	6	A					11	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	TOLUENE	3	UG/KG		JB	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	A					11	UJ	10
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892426	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892428	03-OCT-89	N																

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ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	ACETONE	29	UG/KG			12	A					29	J	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	BROMOFORM	6	MG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		B	6	A					12	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	TOLUENE	3	UG/KG		JB	6	A					3	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	TOTAL XYLENES	4	UG/KG		JB	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	A					12	UJ	10
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
115589	SB	REAL	PZ50892628	03-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
113689	SB	DUP	PZ10890712D	16-OCT-89	N																
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					6	UJ	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
113689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P213689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P213689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P213689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	DUP	PZ10890810D	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	ACETONE	55	UG/KG			12	V					55		10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	27	UG/KG		B	6	A					27	UJ	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	3	UG/KG		J	6	A					3	J	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890002	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890003	16-OCT-89	N																
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	2-BUTANONE	43	UG/KG			11	V					43		10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	ACETONE	200	UG/KG			11	V					200		10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	13	UG/KG		B	6	A					13	UJ	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	3	UG/KG		J	6	A					3	J	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890204	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890307	16-OCT-89	N																
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	ACETONE	130	UG/KG			11	V					130		10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG		B	6	A					16	UJ	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	3	UG/KG		J	6	A					3	J	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890406	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	2-BUTANONE	21	UG/KG			12	V					21		10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	ACETONE	130	UG/KG			12	V					130		10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					6	UJ	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	1	UG/KG		J	6	A					1	J	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890608	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10890712	16-OCT-89	N																
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	2-BUTANONE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	2-HEXANONE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	ACETONE	56	UG/KG			14	V					56		10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	BENZENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	BROMOFORM	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	CHLOROFORM	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	7	A					9	UJ	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	STYRENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	TOLUENE	3	UG/KG		J	7	A					3	J	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	7	UG/KG		U	7	A					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	14	UG/KG		U	14	V					14	U	10
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10890810	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	7	UG/KG		U	7	V					7	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	ACETONE	44	UG/KG			12	V					44		10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					6	UJ	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891012	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	2-BUTANONE	13	UG/KG		U	13	V					13	U	10
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	2-HEXANONE	13	UG/KG		U	13	V					13	U	10
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/KG		U	13	V					13	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	ACETONE	13	UG/KG		U	13	V					13	U	10
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	13	UG/KG		U	13	V					13	U	10
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	13	UG/KG		U	13	V					13	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/KG		U	13	V					13	U	10
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	A					6	UJ	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	13	UG/KG		U	13	V					13	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/KG		U	13	V					13	U	10
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891315	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891317	16-OCT-89	N																
P213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		JB	6	V					6	UJ	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
213689	SB	REAL	PZ10891517	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	5	A					9	UJ	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214089	SB	REAL	PZ23890002	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P214089	SB	REAL	PZ23890003	16-OCT-89	N																
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		B	6	A					12	UJ	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890204	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890307	16-OCT-89	N																
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	41	UG/KG		B	6	A					41	UJ	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890406	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	A					12	UJ	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	ACETONE	140	UG/KG			12	V					140		10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	32	UG/KG		B	6	A					32	UJ	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890608	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890709	16-OCT-89	N																
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10

ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	36	UG/KG		B	6	A					36	UJ	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890810	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23890913	16-OCT-89	N																
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	40	UG/KG		B	6	A					40	UJ	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891012	16-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
214089	SB	REAL	PZ23891319	16-OCT-89	N																
214689	SB	DUP	PZ42891620D	27-SEP-89	N																
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	R					11	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	BENZENE	2	UG/KG		J	6	A					2	J	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	14	UG/KG			6	V					14		5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	TOLUENE	58	UG/KG			6	V					58		5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	75	UG/KG		U	6	V					37	J	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	DUP	PZ42891820D	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG		B	6	A					16	UJ	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890002	26-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890003	26-SEP-89	N																
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		B	6	A					12	UJ	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890204	26-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42890306	26-SEP-89	N																
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG			5	V					5		5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	13	UG/KG			5	V					13		5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	ETHYLBENZENE	1	UG/KG		J	5	A					1	J	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	13	UG/KG		B	5	A					13	UJ	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	TOLUENE	16	UG/KG			5	V					16		5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	TOTAL XYLENES	9	UG/KG		U	5	A					4	J	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890406	26-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG			5	V					6	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	19	UG/KG			5	V					19		5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	ETHYLBENZENE	2	UG/KG		J	5	A					2	J	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	5	A					15	UJ	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	TOLUENE	21	UG/KG			5	V					21		5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	TOTAL XYLENES	13	UG/KG		U	5	A					6	J	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	ACETONE	8	UG/KG		JB	11	A					8	UJ	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		B	5	A					12	UJ	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890810	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P214689	SB	REAL	PZ42890812	27-SEP-89	N																
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					10	UJ	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891012	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	ACETONE	6	UG/KG		JB	11	A					11	UJ	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	11	UG/KG		B	6	A					11	UJ	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891214	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891216	27-SEP-89	N																
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	ACETONE	5	UG/KG		JB	12	A					12	UJ	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					10	UJ	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891416	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	ACETONE	9	UG/KG		JB	12	A					12	UJ	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	BENZENE	2	UG/KG		J	6	A					2	J	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	15	UG/KG			6	V					15		5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					10	UJ	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	TOLUENE	60	UG/KG			6	V					60		5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	75	UG/KG		U	6	A					36	J	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891618	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891620	27-SEP-89	N																
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	BENZENE	2	UG/KG		J	6	A					2	J	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	14	UG/KG			6	V					14		5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	A					8	UJ	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	TOLUENE	55	UG/KG			6	V					55		5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	70	UG/KG		U	6	V					34	J	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42891820	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/G		U	11								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/G		U	11								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/G		U	11								

cation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	ACETONE	17	UG/G			11								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	BENZENE	5	UG/G		J	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/G		U	11								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	14	UG/G			6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/G		U	11								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/G		U	11								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	1	UG/G		J	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	14	UG/G		B	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	TOLUENE	17	UG/G			6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/G		U	11								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/G		U	11								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
14689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	BENZENE	4	UG/KG		J	6	A					4	J	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	9	UG/KG			6	V					9		5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG		B	6	A					16	UJ	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	TOLUENE	11	UG/KG			6	V					11		5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		J	6	A					3	J	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892224	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
14689	SB	REAL	PZ42892226	27-SEP-89	N																
14689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6								
14689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6								
14689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6								
14689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6								
14689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	ACETONE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	BENZENE	8	UG/G			6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	22	UG/G			6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	ETHYLBENZENE	2	UG/G		J	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	18	UG/G		B	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	TOLUENE	25	UG/G			6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/G		U	12								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	ACETONE	40	UG/G		B	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/G		JB	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/G		U	11								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								

ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	11	UG/KG		/		V					11		5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	ACETONE	18	UG/KG		B		A					18	UJ	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B		A					9	J	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U		V					11	U	10
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890002	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U		V					6	U	5
313489	SB	REAL	PZ05890003	11-OCT-89	N																
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	9	UG/KG			6	V					9		5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	ACETONE	75	UG/KG		B	11	A					75	UJ	10
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	7	UG/KG		B	6	A					7	UJ	6
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05890204	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05890307	11-OCT-89	N																
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG			5	V					6		5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	ACETONE	38	UG/KG		B	11	A					38	UJ	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	5	A					5	UJ	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890406	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	7	UG/KG			5	V					7		5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	ACETONE	50	UG/KG		B	11	A					50	UJ	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	5	A					5	UJ	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890608	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	10	UG/KG			5	V					10		5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	V					10	U	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	V					10	U	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	ACETONE	62	UG/KG		B	10	A					62	UJ	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	C					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	V					10	U	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	V					10	U	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	V					10	U	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	5	A					5	UJ	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	V					10	U	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	V					10	U	10
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890810	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P313489	SB	REAL	PZ05890812	11-OCT-89	N																
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	Y	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	ACETONE	34	UG/KG		B	11	A					34	UJ	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891012	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	ACETONE	20	UG/KG		B	11	A					20	UJ	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	3	UG/KG		JB	6	A					3	UJ	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891214	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891218	11-OCT-89	N																
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	ACETONE	14	UG/KG		B	11	A					14	UJ	10
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891416	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	ACETONE	44	UG/KG		B	12	A					44	UJ	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		JB	6	A					6	UJ	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	I	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891618	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	ACETONE	100	UG/KG		B	11	A					100	J	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	V					6	UJ	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	I	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891820	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05891821	11-OCT-89	N																
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	ACETONE	36	UG/KG		B	11	A					36	UJ	10
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	3	UG/KG		JB	6	A					6	UJ	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05892022	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892124	11-OCT-89	N																
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	ACETONE	17	UG/KG		B	12	A					17	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	A					6	UJ	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	I	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313489	SB	REAL	PZ05892224	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	1,2-DIMETHYLBENZENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	11	UG/G		U	11								
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	R					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	ACETONE	19	UG/KG		/	11	A					19	J	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/G		U	11	V					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	11	UG/KG		/	6	A					11	UJ	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/G		U	11	V					11	U	10
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890002	12-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890003	12-OCT-89	N																
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	1,2-DIMETHYLBENZENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	11	UG/G		U	11								
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	R					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	R					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	R					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		J	6	A					4	UJ	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890203	12-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	1,2-DIMETHYLBENZENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	12	UG/G		U	12								
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	17	UG/KG		/	6	V					17		5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	TOLUENE	2	UG/KG		J	6	A					2	J	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890406	12-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07890408	12-OCT-89	N																
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	1,2-DIMETHYLBENZENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	12	UG/G		U	12								
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890608	12-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	1,2-DIMETHYLBENZENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	12	UG/G		U	12								
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/G		U	12	V					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	3	UG/KG		J	6	A					3	UJ	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890810	12-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07890812	12-OCT-89	N																
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	V 6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	1,2-DIMETHYLBENZENE	6	UG/G		U	6	V							
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	12	UG/G		U	12								
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		/	6	A					10	UJ	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10

ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891012	12-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	1,2-DIMETHYLBENZENE	6	UG/G		U	6	V							
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	12	UG/G		U	12								
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		/	6	A					12	UJ	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891214	12-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
313589	SB	REAL	PZ07891216	12-OCT-89	N																
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	V					10	U	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	V					10	U	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	V					10	U	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	ACETONE	14	UG/KG		(B)	10	A					14	UJ	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	V					10	U	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	V					10	U	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	V					10	U	10
314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	7	UG/KG		B	5	A					7	UJ	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	V					10	U	10
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	V					10	U	10
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890002	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31890003	11-OCT-89	N																
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	ACETONE	14	UG/KG		B	12	A					14	UJ	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	V					8	UJ	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890204	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890307	11-OCT-89	N																
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	2-BUTANONE	13	UG/KG		U	13	V					13	U	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	2-HEXANONE	13	UG/KG		U	13	V					13	U	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/KG		U	13	V					13	U	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	ACETONE	46	UG/KG		B	13	A					46	UJ	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	13	UG/KG		U	13	V					13	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	13	UG/KG		U	13	V					13	U	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/KG		U	13	V					13	U	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	7	UG/KG		B	6	A					7	UJ	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	13	UG/KG		U	13	V					13	U	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/KG		U	13	V					13	U	10
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890406	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	ACETONE	20	UG/KG		B	12	A					20	UJ	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	A					6	UJ	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890608	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890711	11-OCT-89	N																
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	ACETONE	130	UG/KG		B	11	A					130	J	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	14	UG/KG		B	6	A					14	UJ	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31890810	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	ACETONE	99	UG/KG			11	V					99		10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	C					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	7	UG/KG			5	V					7		5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891012	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P314289	SB	REAL	PZ31891113	11-OCT-89	N																
P314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	ACETONE	72	UG/KG			11	A					72	J	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	26	UG/G			6	V					26		5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891214	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891318	11-OCT-89	N																
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	ACETONE	35	UG/KG			12	V					35	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					12	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	29	UG/KG			6	V					29		5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					6	U	5
314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891416	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	ACETONE	43	UG/KG			12	A					43	J	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	28	UG/KG			6	V					28	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P314289	SB	REAL	PZ31891618	11-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	R					10	U	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	ACETONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROFORM	1	UG/L		J	1	A					1	J	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/L		B	5	A					8	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	STYRENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	A					5	UJ	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	R					10	U	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	A					5	UJ	5
P317989	SB	DUP	P3179890610D	02-NOV-89	N																
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	ACETONE	24	UG/KG		B	12	A					24	J	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					6	J	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	DUP	P3179890810D	02-NOV-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	7	UG/KG		B	6	A					7	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	2-BUTANONE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	2-HEXANONE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	ACETONE	37	UG/KG		B	13	A					37	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	BROMOMETHANE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	[redacted]890002	02-NOV-89	N	TRG	RFVO	CHLOROETHANE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	[redacted]890002	02-NOV-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		J	6	A					3	J	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	VINYL ACETATE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/KG		U	13	A					13	UJ	10
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890002	02-NOV-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890003	02-NOV-89	N																
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	ACETONE	19	UG/KG		B	12	A					19	J	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	METHYLENE CHLORIDE	7	UG/KG		B	6	A					7	J	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890204	02-NOV-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890306	02-NOV-89	N																
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	4	UG/KG		JB	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	ACETONE	18	UG/KG		B	12	A					18	UJ	10
P317989	SB	REAL	[redacted]9890406	02-NOV-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	[redacted]9890406	02-NOV-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5

6.5/1001

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	A					12	UJ	10
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890406	02-NOV-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHANE	2	UG/KG		J	5	A					3	J	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	ACETONE	18	UG/KG		B	10	A					23	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	5	A					11	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890608	02-NOV-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890610	02-NOV-89	N																
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		J	5	A					2	J	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	A					6	UJ	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	ACETONE	13	UG/KG		B	10	A					17	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		B	5	A					7	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	A					13	UJ	10
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					6	UJ	5
P317989	SB	REAL	P3179890810	02-NOV-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	A					6	UJ	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	ACETONE	59	UG/KG			11	V					59		10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		J	6	A					4	J	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890002D	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	DUP	BH66401890309D	23-AUG-89	N																
P411589	SB	REAL	[redacted]01890000	23-AUG-89	N																
P411589	SB	REAL	[redacted]01890002	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG			6	A					6	J	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890002	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890003	23-AUG-89	N																
P411589	SB	REAL	BH66401890309	23-AUG-89	N																
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	2-BUTANONE	10	UG/KG		U	10	R					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	2-HEXANONE	10	UG/KG		U	10	V					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/KG		U	10	V					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	ACETONE	45	UG/KG			10	V					45		10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	10	UG/KG		U	10	V					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	10	UG/KG		U	10	V					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/KG		U	10	V					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		U	5	R					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	[redacted]401890405	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	[redacted]01890405	23-AUG-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	10	UG/KG		U	10	R					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/KG		U	10	V					10	U	10
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890405	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	ACETONE	10	UG/KG		J	12	A					10	J	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	3	UG/KG		J	6	A					3	J	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890506	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	5401890608	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					1[illegible]	U	10
P411589	SB	REAL	5401890608	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		J	6	A					5	J	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890608	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	ACETONE	17	UG/KG			11	V					17		10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		U	6	R					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890810	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401890915	23-AUG-89	N																
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		U	6	R					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891012	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	ACETONE	11	UG/KG		J	12	A					11	J	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		U	6	R					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		J	6	A					5	J	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891214	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	401891416	23-AUG-89	N	TRG	RFVO	ACETONE	10	UG/KG		J	11	A					10	J	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		U	6	R					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	R					11	U	10
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891416	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891521	23-AUG-89	N																
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	ACETONE	20	UG/KG			12	V					20		10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		J	6	A					4	J	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891618	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	E 01891820	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	ACETONE	25	UG/KG			12	V					25		10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	9	UG/KG			6	V					9		5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		U	6	R					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401891820	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	ACETONE	26	UG/KG			12	V					26		10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	2	UG/KG		J	6	A					2	J	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P411589	SB	REAL	BH66401892022	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	P[illegible]401892022	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROP[illegible]	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	401892224	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	2-BUTANONE	13	UG/KG		U	13	R					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	2-HEXANONE	13	UG/KG		U	13	V					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/KG		U	13	V					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	ACETONE	17	UG/KG			13	V					17		10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	13	UG/KG		U	13	V					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	13	UG/KG		U	13	V					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/KG		U	13	V					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	3	UG/KG		J	6	A					3	J	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	13	UG/KG		U	13	R					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/KG		U	13	V					13	U	10
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892224	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P411589	SB	REAL	BH66401892225	23-AUG-89	N																
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	2-BUTANONE	13	UG/G		U	13									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	2-HEXANONE	13	UG/G		U	13									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	13	UG/G		U	13									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	ACETONE	26	UG/G			13									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	BENZENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	BROMOMETHANE	13	UG/G		U	13									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	CHLOROETHANE	13	UG/G		U	13									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	CHLOROMETHANE	13	UG/G		U	13									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	TOLUENE	6	UG/G		U	6									
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6									

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	VINYL ACETATE	13	UG/G		U	13								
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	13	UG/G		U	13								
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P411589	SB	REAL	BH66401892425	23-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P412489	SB	REAL	BH66410890000	28-AUG-89	N																
P412489	SB	REAL	BH66410890001	28-AUG-89	N																
P412489	SB	REAL	BH66410890003	28-AUG-89	N																
P412489	SB	REAL	BH66410890103	28-AUG-89	N																
P412489	SB	REAL	BH66410890305	28-AUG-89	N																
P412489	SB	REAL	BH66410890309	28-AUG-89	N																
P412489	SB	REAL	BH66410890507	28-AUG-89	N																
P412489	SB	REAL	BH66410890709	28-AUG-89	N																
P412489	SB	REAL	BH66410890911	28-AUG-89	N																
P412489	SB	REAL	BH66410890915	28-AUG-89	N																
P412489	SB	REAL	BH66410891517	28-AUG-89	N																
P412489	SB	REAL	BH66410891521	28-AUG-89	N																
P412489	SB	REAL	BH66410891719	28-AUG-89	N																
P412489	SB	REAL	BH66410891921	28-AUG-89	N																
P412489	SB	REAL	BH66410892123	28-AUG-89	N																
P412489	SB	REAL	BH66410892126	28-AUG-89	N																
P412489	SB	REAL	BH66410892325	28-AUG-89	N																
P412489	SB	REAL	BH66410892526	28-AUG-89	N																
P412489	SB	REAL	BH66410892629	28-AUG-89	N																
P412489	SB	REAL	BH66410892729	28-AUG-89	N																
P415989	SB	DUP	PZ54890711D	08-SEP-89	N																
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	ACETONE	13	UG/KG			11	A					13	J	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG		B	6	A					16	UJ	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	DUP	PZ54891012D	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	P[illegible]4890002	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETH	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	890002	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		J	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	2-BUTANONE	6	UG/KG		J	11	V					11	J	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		JB	6	A					6	UJ	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890002	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890003	08-SEP-89	N																
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	2	UG/KG		J	6	A					2	J	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	2-BUTANONE	9	UG/KG		J	11	A					9	J	10
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	ACETONE	100	UG/KG			11	A					100	J	10
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	BENZENE	2	UG/KG		J	6	A					2	J	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	2	UG/KG		J	6	A					2	J	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		JB	6	A					6	UJ	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	TOLUENE	2	UG/KG		J	6	A					2	J	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	2	UG/KG		J	6	A					2	J	5
415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890204	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890307	08-SEP-89	N																
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	ACETONE	25	UG/KG			11	A					25	J	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	BENZENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		B	5	A					5	UJ	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	STYRENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890406	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/KG		U	5	V					5	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	ACETONE	37	UG/KG			11	A					37	J	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	2	UG/KG		J	6	A					2	J	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					6	UJ	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890708	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890711	08-SEP-89	N																
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	2-BUTANONE	5	UG/KG		J	11	A					5	J	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	2-HEXANONE	1	UG/KG		JB	11	A					11	UJ	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	ACETONE	24	UG/KG			11	A					24	J	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	3	UG/KG		JB	6	A					6	UJ	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54890810	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	ACETONE	13	UG/KG			12	A					13	J	10
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	6	A					15	UJ	5
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891012	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891115	08-SEP-89	N																
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	ACETONE	11	UG/KG			11	A					11	J	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
>415989	SB	REAL	PZ54891214	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
415989	SB	REAL	PZ[illegible]91416	07-SEP-89	N	TRG	RFVO	ACETONE	14	UG/KG			11	A					14	J	10
415989	SB	REAL	P [illegible] 91416	07-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	1	UG/KG		J	6	A					1	J	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891416	07-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891519	08-SEP-89	N																
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891618	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	[illegible]4891820	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					[illegible]	U	5
P415989	SB	REAL	[illegible]4891820	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	ACETONE	10	UG/KG		J	11	A					10	J	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	37	UG/KG			6	A					37	J	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	A					8	UJ	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891820	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54891923	08-SEP-89	N																
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	ACETONE	13	UG/KG			11	A					13	J	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	CHLOROFORM	4	UG/KG		J	6	A					4	J	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		JB	6	A					6	UJ	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892022	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE1
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	R					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG			11	A					12	J	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	3	UG/KG		J	6	A					3	J	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	CHLOROFORM	3	UG/KG		J	6	A					3	J	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/KG		JB	6	A					6	UJ	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892224	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892327	08-SEP-89	N																
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	ACETONE	14	UG/KG			12	A					14	J	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	37	UG/KG			6	A					37	J	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	CHLOROFORM	4	UG/KG		J	6	A					4	J	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	7	UG/KG		B	6	A					7	UJ	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	[illegible]4892426	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	[illegible]4892426	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892426	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	ACETONE	15	UG/KG			12	A					15	J	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG			6	A					6	J	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	CHLOROFORM	4	UG/KG		J	6	A					4	J	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	A					6	UJ	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892628	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	ACETONE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/G		U	6								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/G		B	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/G		U	11								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892830	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/G		U	6								
P415989	SB	REAL	PZ54892832	08-SEP-89	N																
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	2-BUTANONE	5	UG/KG		J	12	A					5	J	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	ACETONE	74	UG/KG			12	A					74	J	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	6	A					15	UJ	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893032	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	ACETONE	35	UG/KG			12	A					35	J	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	[illegible]893435	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	40	UG/KG			6	V					4[illegible]		6
P415989	SB	REAL	[illegible]893435	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893435	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893438	08-SEP-89	N																
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	ACETONE	36	UG/KG			12	A					36	J	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	3	UG/KG		J	6	A					3	J	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					10	UJ	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893537	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					!	U	10
P415989	SB	REAL	4893839	08-SEP-89	N	TRG	RFVO	ACETONE	42	UG/KG			12	A					4.	J	10

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDF
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		B	6	A					10	UJ	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893839	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54893842	08-SEP-89	N																
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	ACETONE	29	UG/KG			12	A					29	J	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	2	UG/KG		J	6	A					2	J	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	A					8	UJ	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894041	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REA	54894142	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	2-BUTANONE	8	UG/KG		J	12	A					8	J	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	2	UG/KG		JB	12	A					12	UJ	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	ACETONE	79	UG/KG			12	A					79	J	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	6	UG/KG		B	6	A					6	UJ	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P415989	SB	REAL	PZ54894142	08-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	DUP	PZ638920230	19-SEP-89	N																
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG			6	R					15		5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	TOLUENE	1	UG/KG		J	6	R					1	J	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	R					12	U	10
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPE	6	UG/KG		U	6	R					6	U	5
P416889	SB	DUP	PZ63892123D	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPRO	6	UG/KG		U	6	R					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	ACETONE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	BENZENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	BROMOFORM	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	CHLOROFORM	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/G		B	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	STYRENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	TOLUENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/G		U	11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/G		U	5								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V				12		U	10
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V				12		U	10
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V				12		U	10
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	ACETONE	4	UG/KG		J	12	A				4		J	10
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V				12		U	10
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	10	UG/KG			6	V				10			5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V				12		U	10
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V				12		U	10
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	6	A				15		UJ	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V				6		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V				7		U	5
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V				1		U	5

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.ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
'416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
'416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
'416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	ACETONE	2	UG/KG		J	12	A					2	J	10
'416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	32	UG/KG			6	V					32		5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	15	UG/KG		B	6	A					15	UJ	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG			12	V					12		10
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	3	UG/KG		J	6	A					3	J	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
416889	SB	REAL	PZ/ 0709	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
416889	SB	REAL	PZ. 0709	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	9	UG/KG		B	6	A					9	UJ	5
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	ACETONE	6	UG/KG		J	12	A					6	J	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	13	UG/KG			6	V					13		5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	A					8	UJ	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890911	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63890912	19-SEP-89	N																
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	ACETONE	5	UG/KG		J	11	A					5	J	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	[illegible]3891112	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/KG		J	6	A					5	J	5
P416889	SB	REAL	[illegible]891112	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/KG		B	6	A					8	UJ	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891112	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	ACETONE	5	UG/KG		J	12	A					5	J	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	2	UG/KG		J	6	A					2	J	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					5	UJ	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	TOLUENE	1	UG/KG		J	6	A					1	J	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	V					12	U	10
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	2-BUTANONE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	2-HEXANONE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	P[illegible]3891517	19-SEP-89	N	TRG	RFVO	ACETONE	4	UG/KG		J	11	A					4	J	10
P416889	SB	REAL	891517	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	V					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	4	UG/KG		JB	6	A					5	UJ	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	11	UG/KG		U	11	V					11	U	10
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891517	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891520	19-SEP-89	N																
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	7	UG/KG			6	R					7		5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	V					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	17	UG/KG			6	R					17		5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891719	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	[illegible]3891921	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	[illegible]3891921	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	3	UG/KG		J	6	R					3	J	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG			6	R					16		5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63891921	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892023	19-SEP-89	N																
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,1-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	2-BUTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	2-HEXANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	ACETONE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	BENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	BROMODICHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	BROMOFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	BROMOMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	CARBON DISULFIDE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	CARBON TETRACHLORIDE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	CHLOROBENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	CHLOROETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	CHLOROFORM	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	CHLOROMETHANE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	ETHYLBENZENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	METHYLENE CHLORIDE	16	UG/KG			6	R					16		5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	STYRENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	TETRACHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	TOLUENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	TOTAL XYLENES	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	TRICHLOROETHENE	6	UG/KG		U	6	R					6	U	5
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	VINYL ACETATE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	VINYL CHLORIDE	12	UG/KG		U	12	R					12	U	10
P416889	SB	REAL	PZ63892123	19-SEP-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPE	6	UG/KG		U	6	R					f	U	5
P416889	SB	REA'	53892123	19-SEP-89	N	TRG	RFVO	trans-1,3-DICHLOROPR E	6	UG/KG		U	6	R						U	5

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDEL
P114789	SB	REAL	PZ43890002	28-SEP-89	N																
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFIN	% SOLIDS	93.0	%									93.0		
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFIN	pH	8.6	PHUNIT									8.6		
P114789	SB	REAL	PZ43890204	28-SEP-89	N																
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFIN	% SOLIDS	92.8	%									92.8		
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFIN	pH	8.3	PHUNIT									8.3		
P114789	SB	REAL	PZ43890406	28-SEP-89	N																
P114789	SB	REAL	PZ43890608	28-SEP-89	N																
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFIN	% SOLIDS	90.6	%									90.6		
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
P114789	SB	REAL	PZ43890810	28-SEP-89	N																
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFIN	% SOLIDS	86.4	%									86.4		
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.5	MG/KG		/							1.5		60
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
P114789	SB	REAL	PZ43891214	28-SEP-89	N																
P114789	SB	REAL	PZ43891416	28-SEP-89	N																
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFIN	% SOLIDS	87.6	%									87.6		
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFIN	pH	8.1	PHUNIT									8.1		
P114789	SB	REAL	PZ43891618	28-SEP-89	N																
P114789	SB	REAL	PZ43891820	28-SEP-89	N																
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFIN	% SOLIDS	87.2	%									87.2		
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	4
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFIN	pH	8.1	PHUNIT									8.1		
P114789	SB	REAL	PZ43892022	28-SEP-89	N																
P114789	SB	REAL	PZ43892224	28-SEP-89	N																
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFIN	% SOLIDS	81.2	%									81.2		
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.8	MG/KG		/		V					1.8		60
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFIN	% SOLIDS	81.0	%									81.0		
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.5	MG/KG		/		V					1.5		60
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
P114789	SB	REAL	PZ43892728	28-SEP-89	N																
P114789	SB	REAL	PZ43892829	28-SEP-89	N																
P114789	SB	REAL	PZ43893031	28-SEP-89	N																
P114889	SB	DUP	PZ44890911D	22-SEP-89	N																
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFIN	% SOLIDS	84.4	%											
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U									
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U									
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFIN	pH	7.1	PHUNIT											
P114889	SB	REAL	PZ44890002	22-SEP-89	N																
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFIN	% SOLIDS	89.4	%											
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U									
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U									
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFIN	pH	6.8	PHUNIT											
P114889	SB	REAL	PZ44890204	22-SEP-89	N																
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFIN	% SOLIDS	94.0	%											
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		.									
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U									
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFIN	pH	7.0	PHUNIT											
P114889	SB	REAL	44890506	22-SEP-89	N																
P114889	SB	REAL	44890608	22-SEP-89	N	TRG	RFIN	% SOLIDS	93.9	%											

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	2.0	MG/KG		.									
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U									
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFIN	pH	7.2	PHUNIT											
P114889	SB	REAL	PZ44890911	22-SEP-89	N																
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFIN	% SOLIDS	87.7	%											
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U									
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U									
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFIN	pH	7.0	PHUNIT											
P114889	SB	REAL	PZ44891214	22-SEP-89	N																
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFIN	% SOLIDS	83.8	%											
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U									
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U									
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFIN	pH	7.3	PHUNIT											
P114889	SB	REAL	PZ44891416	22-SEP-89	N																
P114889	SB	REAL	PZ44891618	22-SEP-89	N																
P115489	SB	REAL	PZ49890002	20-SEP-89	N																
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFIN	% SOLIDS	87.6	%									87.6		
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	15	MG/KG		.		V					15		60
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		.		V					2		4
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFIN	pH	6.9	PHUNIT									6.9		
P115489	SB	REAL	PZ49890204	20-SEP-89	N																
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFIN	% SOLIDS	89.4	%									89.4		
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	5.3	MG/KG		.		V					5.3		60
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
P115489	SB	REAL	PZ49890406	20-SEP-89	N																
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFIN	% SOLIDS	93.1	%									93.1		
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.9	MG/KG		.							1.9		60
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		.		V					2		4
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFIN	pH	8.7	PHUNIT									8.7		
P115489	SB	REAL	PZ49890810	20-SEP-89	N																
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFIN	% SOLIDS	92.7	%									92.7		
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.3	MG/KG		.		V					1.3		60
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U							2	U	4
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFIN	pH	8.8	PHUNIT									8.8		
P115489	SB	REAL	PZ49891012	20-SEP-89	N																
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFIN	% SOLIDS	92.3	%									92.3		
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		.		V					1.2		60
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFIN	pH	8.5	PHUNIT									8.5		
P115489	SB	REAL	PZ49891416	20-SEP-89	N																
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFIN	% SOLIDS	83.1	%									83.1		
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.3	MG/KG		.		V					1.3		60
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		.		V					2		4
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFIN	pH	8.5	PHUNIT									8.5		
P115489	SB	REAL	PZ49891618	20-SEP-89	N																
P115489	SB	REAL	PZ49891820	20-SEP-89	N																
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFIN	% SOLIDS	82.2	%									82.2		
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.3	MG/KG		.		V					1.3		60
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFIN	pH	8.3	PHUNIT									8.3		
P115489	SB	REAL	PZ49892022	20-SEP-89	N																
P115489	SB	REAL	PZ49892224	20-SEP-89	N																
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFIN	% SOLIDS	84.5	%									84.5		
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	2.2	MG/KG		.		V					2.2		60
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	5
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFIN	pH	8.2	PHUNIT									8.2		
P115489	SB	REAL	PZ49892426	20-SEP-89	N																
P115489	SB	REAL	PZ49892628	20-SEP-89	N																
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFIN	% SOLIDS	80.4	%									80.4		
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFIN	pH	8.3	PHUNIT									8.3		

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	P249893031	20-SEP-89	N																
P115589	SB	DUP	P2508903060	03-OCT-89	N	TRG	RFIN	% SOLIDS	91.5	%									91.5		
P115589	SB	DUP	P2508903060	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		/		V					60		
P115589	SB	DUP	P2508903060	03-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P115589	SB	DUP	P2508903060	03-OCT-89	N	TRG	RFIN	pH	6.8	PHUNIT									6.8		
P115589	SB	DUP	P2508904060	03-OCT-89	N																
P115589	SB	REAL	P250890002	03-OCT-89	N																
P115589	SB	REAL	P250890003	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	
P115589	SB	REAL	P250890003	03-OCT-89	N	TRG	RFIN	SULFIDE	2.0	MG/KG		U		V					2.0	U	4
P115589	SB	REAL	P250890003	03-OCT-89	N	TRG	RFIN	pH	7.5	PHUNIT									7.5		
P115589	SB	REAL	P250890204	03-OCT-89	N																
P115589	SB	REAL	P250890306	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P115589	SB	REAL	P250890306	03-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P115589	SB	REAL	P250890306	03-OCT-89	N	TRG	RFIN	TOTAL ORGANIC CARBON													
P115589	SB	REAL	P250890306	03-OCT-89	N	TRG	RFIN	pH	6.3	PHUNIT									6.3		
P115589	SB	REAL	P250890406	03-OCT-89	N																
P115589	SB	REAL	P250890608	03-OCT-89	N																
P115589	SB	REAL	P250890609	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P115589	SB	REAL	P250890609	03-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P115589	SB	REAL	P250890609	03-OCT-89	N	TRG	RFIN	pH	7.6	PHUNIT									7.6		
P115589	SB	REAL	P250890810	03-OCT-89	N																
P115589	SB	REAL	P250890912	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P115589	SB	REAL	P250890912	03-OCT-89	N	TRG	RFIN	SULFIDE	2.0	MG/KG		U		V					2.0	U	4
P115589	SB	REAL	P250890912	03-OCT-89	N	TRG	RFIN	pH	7.7	PHUNIT									7.7		
P115589	SB	REAL	P250891012	03-OCT-89	N																
P115589	SB	REAL	P250891214	03-OCT-89	N																
P115589	SB	REAL	P250891216	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P115589	SB	REAL	P250891216	03-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	60
P115589	SB	REAL	P250891216	03-OCT-89	N	TRG	RFIN	pH	7.7	PHUNIT									7.7		
P115589	SB	REAL	P250891416	03-OCT-89	N																
P115589	SB	REAL	P250891618	03-OCT-89	N																
P115589	SB	REAL	P250891620	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	3.4	MG/KG		/		V					3.4		60
P115589	SB	REAL	P250891620	03-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P115589	SB	REAL	P250891620	03-OCT-89	N	TRG	RFIN	pH	7.7	PHUNIT									7.7		
P115589	SB	REAL	P250891820	03-OCT-89	N																
P115589	SB	REAL	P250892022	03-OCT-89	N																
P115589	SB	REAL	P250892024	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.4	MG/KG		/		V					1.4		60
P115589	SB	REAL	P250892024	03-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P115589	SB	REAL	P250892024	03-OCT-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
P115589	SB	REAL	P250892224	03-OCT-89	N																
P115589	SB	REAL	P250892426	03-OCT-89	N																
P115589	SB	REAL	P250892428	03-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	2.5	MG/KG				V							
P115589	SB	REAL	P250892428	03-OCT-89	N	TRG	RFIN	SULFIDE	2.0	MG/KG		U		V							
P115589	SB	REAL	P250892428	03-OCT-89	N	TRG	RFIN	pH	7.8	PHUNIT											
P115589	SB	REAL	P250892628	03-OCT-89	N																
P213689	SB	DUP	P210890712D	16-OCT-89	N	TRG	RFIN	% SOLIDS	80.8	%											
P213689	SB	DUP	P210890712D	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P213689	SB	DUP	P210890712D	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P213689	SB	DUP	P210890712D	16-OCT-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
P213689	SB	DUP	P210890810D	16-OCT-89	N																
P213689	SB	REAL	P210890002	16-OCT-89	N																
P213689	SB	REAL	P210890003	16-OCT-89	N	TRG	RFIN	% SOLIDS	89.0	%											
P213689	SB	REAL	P210890003	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		.		V					1.1	U	60
P213689	SB	REAL	P210890003	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P213689	SB	REAL	P210890003	16-OCT-89	N	TRG	RFIN	pH	8.3	PHUNIT									8.3		
P213689	SB	REAL	P210890204	16-OCT-89	N																
P213689	SB	REAL	P210890307	16-OCT-89	N	TRG	RFIN	% SOLIDS	87.6	%											
P213689	SB	REAL	P210890307	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P213689	SB	REAL	P210890307	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P213689	SB	REAL	P210890307	16-OCT-89	N	TRG	RFIN	pH	8.5	PHUNIT									8.5		
P213689	SB	REAL	P210890406	16-OCT-89	N																
P213689	SB	REAL	P210890608	16-OCT-89	N																
P213689	SB	REAL	1890712	16-OCT-89	N	TRG	RFIN	% SOLIDS	83.9	%											

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFIN	SULFIDE	5	MG/KG		.		V					5.0	U	4
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFIN	pH	8.5	PHUNIT									8.5		
P213689	SB	REAL	PZ10890810	16-OCT-89	N																
P213689	SB	REAL	PZ10891012	16-OCT-89	N																
P213689	SB	REAL	PZ10891315	16-OCT-89	N																
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFIN	% SOLIDS	78.9	%											
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	2.5	MG/KG		.		V					2.5		60
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFIN	SULFIDE	3	MG/KG		U		V					3.0	U	4
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFIN	pH	8.6	PHUNIT									8.6		
P213689	SB	REAL	PZ10891517	16-OCT-89	N																
P214089	SB	REAL	PZ23890002	16-OCT-89	N																
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFIN	% SOLIDS	90.7	%											
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		.		V					1.1		60
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFIN	pH	8.9	PHUNIT									8.9		
P214089	SB	REAL	PZ23890204	16-OCT-89	N																
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFIN	% SOLIDS	82.0	%											
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		.		V					1.2		60
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFIN	pH	8.9	PHUNIT									8.9		
P214089	SB	REAL	PZ23890406	16-OCT-89	N																
P214089	SB	REAL	PZ23890608	16-OCT-89	N																
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFIN	% SOLIDS	82.4	%											
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFIN	pH	8.8	PHUNIT									8.8		
P214089	SB	REAL	PZ23890810	16-OCT-89	N																
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFIN	% SOLIDS	81.6	%											
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFIN	pH	8.3	PHUNIT									8.3		
P214089	SB	REAL	PZ23891012	16-OCT-89	N																
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFIN	% SOLIDS	81.7	%											
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFIN	pH	8.9	PHUNIT									8.9		
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFIN	% SOLIDS	94.2	%											
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
P214689	SB	DUP	PZ428918200	27-SEP-89	N																
P214689	SB	REAL	PZ42890002	26-SEP-89	N																
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFIN	% SOLIDS	94.1	%											
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	6.3	MG/KG		.		V					6.3		60
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFIN	pH	7.2	PHUNIT									7.2		
P214689	SB	REAL	PZ42890204	26-SEP-89	N																
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFIN	% SOLIDS	92.2	%											
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFIN	pH	7.1	PHUNIT									7.1		
P214689	SB	REAL	PZ42890406	26-SEP-89	N																
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFIN	% SOLIDS	92.9	%											
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFIN	pH	6.9	PHUNIT									6.9		
P214689	SB	REAL	PZ42890810	27-SEP-89	N																
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFIN	% SOLIDS	90.2	%											
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFIN	pH	7.9	PHUNIT									7		
P214689	SB	REAL	2891012	27-SEP-89	N																

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDEI
P214689	SB	REAL	PZ42891214	27-SEP-89	N																
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFIN	% SOLIDS	89.5	%											
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFIN	pH	7.7	PHUNIT									7.7		
P214689	SB	REAL	PZ42891416	27-SEP-89	N																
P214689	SB	REAL	PZ42891618	27-SEP-89	N																
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFIN	% SOLIDS	90.8	%											
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		/		V					1.2		60
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFIN	pH	7.7	PHUNIT									7.7		
P214689	SB	REAL	PZ42891820	27-SEP-89	N																
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFIN	% SOLIDS	90.6	%											
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
P214689	SB	REAL	PZ42892224	27-SEP-89	N																
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFIN	% SOLIDS	80.2	%											
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFIN	SULFIDE	3	MG/KG		U		V					3	U	4
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
P214689	SB	REAL	PZ42892426	27-SEP-89	N																
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFIN	% SOLIDS	86.5	%									86.5		
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.6	MG/KG		.		V					1.6		60
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
P313489	SB	REAL	PZ05890002	11-OCT-89	N																
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFIN	% SOLIDS	89.2	%									89.2		
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.9	MG/KG		.		V					1.9		60
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFIN	pH	8.9	PHUNIT									8.9		
P313489	SB	REAL	PZ05890204	11-OCT-89	N																
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFIN	% SOLIDS	93.3	%									93.3		
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		.		V					1.2		60
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFIN	pH	8.7	PHUNIT									8.7		
P313489	SB	REAL	PZ05890406	11-OCT-89	N																
P313489	SB	REAL	PZ05890608	11-OCT-89	N																
P313489	SB	REAL	PZ05890810	11-OCT-89	N																
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFIN	% SOLIDS	91.3	%									91.3		
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFIN	pH	8.7	PHUNIT									8.7		
P313489	SB	REAL	PZ05891012	11-OCT-89	N																
P313489	SB	REAL	PZ05891214	11-OCT-89	N																
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFIN	% SOLIDS	89.3	%									89.3		
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.3	MG/KG		.		V					1.3		60
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
P313489	SB	REAL	PZ05891416	11-OCT-89	N																
P313489	SB	REAL	PZ05891618	11-OCT-89	N																
P313489	SB	REAL	PZ05891820	11-OCT-89	N																
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFIN	% SOLIDS	91.6	%									91.6		
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.4	MG/KG		.		V					1.4		60
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFIN	pH	8.1	PHUNIT									8.1		
P313489	SB	REAL	PZ05892022	11-OCT-89	N																
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFIN	% SOLIDS	85.6	%									85.6		
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
P313489	SB	REAL	15892224	11-OCT-89	N																
P313589	SB	REAL	J7890002	12-OCT-89	N																

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDEI
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFIN	% SOLIDS	91.7	%									91.7		
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		/		V					1.1		60
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFIN	pH	9.1	PHUNIT									9.1		
P313589	SB	REAL	PZ07890203	12-OCT-89	N																
P313589	SB	REAL	PZ07890406	12-OCT-89	N																
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFIN	% SOLIDS	82.5	%									82.5		
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		/		V					1.2		60
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFIN	pH	8.6	PHUNIT									8.6		
P313589	SB	REAL	PZ07890608	12-OCT-89	N																
P313589	SB	REAL	PZ07890810	12-OCT-89	N																
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFIN	% SOLIDS	86.7	%									86.7		
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.3	MG/KG		/		V					1.3		60
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFIN	pH	9.1	PHUNIT									9.1		
P313589	SB	REAL	PZ07891012	12-OCT-89	N																
P313589	SB	REAL	PZ07891214	12-OCT-89	N																
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFIN	% SOLIDS	85.8	%									85.8		
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		/		V					1.2		60
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFIN	pH	9.1	PHUNIT									9.1		
P314289	SB	REAL	PZ31890002	11-OCT-89	N																
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFIN	% SOLIDS	89.8	%									89.8		
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		.		V					1.2		60
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFIN	pH	8.5	PHUNIT									8.5		
P314289	SB	REAL	PZ31890204	11-OCT-89	N																
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFIN	% SOLIDS	81.9	%									81.9		
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFIN	pH	8.2	PHUNIT									8.2		
P314289	SB	REAL	PZ31890406	11-OCT-89	N																
P314289	SB	REAL	PZ31890608	11-OCT-89	N																
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFIN	% SOLIDS	88.0	%									88.0		
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFIN	pH	8.1	PHUNIT									8.1		
P314289	SB	REAL	PZ31890810	11-OCT-89	N																
P314289	SB	REAL	PZ31891012	11-OCT-89	N																
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFIN	% SOLIDS	88.6	%									88.6		
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFIN	pH	8.3	PHUNIT									8.3		
P314289	SB	REAL	PZ31891214	11-OCT-89	N																
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFIN	% SOLIDS	88.2	%									88.2		
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFIN	pH	8.6	PHUNIT									8.6		
P314289	SB	REAL	PZ31891416	11-OCT-89	N																
P314289	SB	REAL	PZ31891618	11-OCT-89	N																
P317989	GW	REAL	P3179891289004	04-DEC-89	N																
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFIN	% SOLIDS	79.9	%									79.9	%	
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFIN	NITRATE/NITRITE	1.3	MG/KG		U		V					1.3	U	60
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFIN	SULFIDE	3	MG/KG		U		V					3.0	U	4
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFIN	pH	8.8	PHUNIT									8.8		
P317989	SB	DUP	P3179890810D	02-NOV-89	N																
P317989	SB	REAL	P3179890002	02-NOV-89	N																
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFIN	% SOLIDS	94.3	%									94.3		4
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFIN	NITRATE/NITRITE	4.5	MG/KG		/		V					4.5		60
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFIN	SULFIDE	2.0	MG/KG		U		V					2.0	U	
P317989	SB	REAL	[illegible]179890003	02-NOV-89	N	TRG	RFIN	pH	8.3	PHUNIT									8		
P317989	SB	REAL	79890204	02-NOV-89	N																

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFIN	% SOLIDS	90.3	%											
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFIN	SULFIDE	2.0	MG/KG		U		V					2.0	U	4
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFIN	pH	8.9	PHUNIT									8.9		
P317989	SB	REAL	P3179890406	02-NOV-89	N																
P317989	SB	REAL	P3179890608	02-NOV-89	N																
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFIN	% SOLIDS	81.6	%									81.6		
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V							
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFIN	pH	8.9	PHUNIT									8.9		
P317989	SB	REAL	P3179890810	02-NOV-89	N																
P411589	SB	DUP	BH66401890002D	23-AUG-89	N																
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFIN	% SOLIDS	92.4	%											
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U									
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFIN	SULFIDE	2.2	MG/KG		U									
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFIN	pH	7.7	PHUNIT											
P411589	SB	REAL	BH66401890000	23-AUG-89	N																
P411589	SB	REAL	BH66401890002	23-AUG-89	N																
P411589	SB	REAL	BH66401890003	23-AUG-89	N	TRG	RFIN	% SOLIDS	97.8	%											
P411589	SB	REAL	BH66401890003	23-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	2.0	MG/KG											
P411589	SB	REAL	BH66401890003	23-AUG-89	N	TRG	RFIN	SULFIDE	2.0	MG/KG		U									
P411589	SB	REAL	BH66401890003	23-AUG-89	N	TRG	RFIN	pH	7.3	PHUNIT											
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFIN	% SOLIDS	91.0	%											
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.3	MG/KG											
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFIN	SULFIDE	2.2	MG/KG		U									
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFIN	pH	7.3	PHUNIT											
P411589	SB	REAL	BH66401890405	23-AUG-89	N																
P411589	SB	REAL	BH66401890506	23-AUG-89	N																
P411589	SB	REAL	BH66401890608	23-AUG-89	N																
P411589	SB	REAL	BH66401890810	23-AUG-89	N																
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFIN	% SOLIDS	86.8	%											
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.8	MG/KG											
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFIN	SULFIDE	2.3	MG/KG		U									
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFIN	pH	7.3	PHUNIT											
P411589	SB	REAL	BH66401891012	23-AUG-89	N																
P411589	SB	REAL	BH66401891214	23-AUG-89	N																
P411589	SB	REAL	BH66401891416	23-AUG-89	N																
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFIN	% SOLIDS	82.4	%											
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U									
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFIN	SULFIDE	2.4	MG/KG		U									
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFIN	pH	7.3	PHUNIT											
P411589	SB	REAL	BH66401891618	23-AUG-89	N																
P411589	SB	REAL	BH66401891820	23-AUG-89	N																
P411589	SB	REAL	BH66401892022	23-AUG-89	N																
P411589	SB	REAL	BH66401892224	23-AUG-89	N																
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFIN	% SOLIDS	88.6	%											
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U									
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFIN	SULFIDE	2.3	MG/KG		U									
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFIN	pH	7.4	PHUNIT											
P411589	SB	REAL	BH66401892425	23-AUG-89	N																
P412489	SB	REAL	BH66410890000	28-AUG-89	N																
P412489	SB	REAL	BH66410890001	28-AUG-89	N																
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFIN	% SOLIDS	96.3	%									96.3		
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.0	MG/KG		U		V					1.0	U	60
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		A					2.0	UJ	4
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFIN	pH	8.2	PHUNIT											
P412489	SB	REAL	BH66410890103	28-AUG-89	N																
P412489	SB	REAL	BH66410890305	28-AUG-89	N																
P412489	SB	REAL	BH66410890309	28-AUG-89	N	TRG	RFIN	% SOLIDS	89.9	%									89.9		
P412489	SB	REAL	BH66410890309	28-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P412489	SB	REAL	BH66410890309	28-AUG-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		A					2.0	UJ	4
P412489	SB	REAL	66410890309	28-AUG-89	N	TRG	RFIN	pH	8.1	PHUNIT											
P412489	SB	REAL	6410890507	28-AUG-89	N																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P412489	SB	REAL	BH66410890709	28-AUG-89	N																
P412489	SB	REAL	BH66410890911	28-AUG-89	N																
P412489	SB	REAL	BH66410890915	28-AUG-89	N	TRG	RFIN	% SOLIDS	93.3	%									93.3		
P412489	SB	REAL	BH66410890915	28-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P412489	SB	REAL	BH66410890915	28-AUG-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		A					2.0	UJ	4
P412489	SB	REAL	BH66410890915	28-AUG-89	N	TRG	RFIN	pH	8.6	PHUNIT											
P412489	SB	REAL	BH66410891517	28-AUG-89	N																
P412489	SB	REAL	BH66410891521	28-AUG-89	N	TRG	RFIN	% SOLIDS	90.1	%									90.1		
P412489	SB	REAL	BH66410891521	28-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P412489	SB	REAL	BH66410891521	28-AUG-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		A					2.0	U	4
P412489	SB	REAL	BH66410891521	28-AUG-89	N	TRG	RFIN	pH	8.2	PHUNIT											
P412489	SB	REAL	BH66410891719	28-AUG-89	N																
P412489	SB	REAL	BH66410891921	28-AUG-89	N																
P412489	SB	REAL	BH66410892123	28-AUG-89	N																
P412489	SB	REAL	BH66410892126	28-AUG-89	N	TRG	RFIN	% SOLIDS	86.4	%									86.4		
P412489	SB	REAL	BH66410892126	28-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P412489	SB	REAL	BH66410892126	28-AUG-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		A					2.0	UJ	4
P412489	SB	REAL	BH66410892126	28-AUG-89	N	TRG	RFIN	pH	8.1	PHUNIT											
P412489	SB	REAL	BH66410892325	28-AUG-89	N																
P412489	SB	REAL	BH66410892526	28-AUG-89	N																
P412489	SB	REAL	BH66410892629	28-AUG-89	N	TRG	RFIN	% SOLIDS	88.9	%									88.9		
P412489	SB	REAL	BH66410892629	28-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P412489	SB	REAL	BH66410892629	28-AUG-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		A					2.0	UJ	4
P412489	SB	REAL	BH66410892629	28-AUG-89	N	TRG	RFIN	pH	7.8	PHUNIT											
P412489	SB	REAL	BH66410892729	28-AUG-89	N																
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFIN	% SOLIDS	91.7	%									91.7		
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
P415989	SB	DUP	PZ54891012D	07-SEP-89	N																
P415989	SB	REAL	PZ54890002	07-SEP-89	N																
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFIN	% SOLIDS	94.4	%									94.4		
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
P415989	SB	REAL	PZ54890204	07-SEP-89	N																
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFIN	% SOLIDS	92.2	%									92.2		
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFIN	pH	7.7	PHUNIT									7.7		
P415989	SB	REAL	PZ54890406	07-SEP-89	N																
P415989	SB	REAL	PZ54890708	07-SEP-89	N																
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFIN	% SOLIDS	94.7	%									94.7		
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
P415989	SB	REAL	PZ54890810	07-SEP-89	N																
P415989	SB	REAL	PZ54891012	07-SEP-89	N																
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFIN	% SOLIDS	93.0	%									93.0		
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
P415989	SB	REAL	PZ54891214	07-SEP-89	N																
P415989	SB	REAL	PZ54891416	07-SEP-89	N																
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFIN	% SOLIDS	93.5	%									93.5		
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
P415989	SB	REAL	PZ54891618	08-SEP-89	N																
P415989	SB	REAL	PZ54891820	08-SEP-89	N																
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFIN	% SOLIDS	95.2	%									95.2		
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4

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ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
SB	REAL	PZ54892022	08-SEP-89	N																
SB	REAL	PZ54892224	08-SEP-89	N																
SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFIN	% SOLIDS	83.6	%									83.6		
SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
SB	REAL	PZ54892426	08-SEP-89	N																
SB	REAL	PZ54892628	08-SEP-89	N																
SB	REAL	PZ54892830	08-SEP-89	N																
SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFIN	% SOLIDS	91.0	%									91.0		
SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
SB	REAL	PZ54893032	08-SEP-89	N																
SB	REAL	PZ54893435	08-SEP-89	N																
SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFIN	% SOLIDS	86.9	%									86.9		
SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U							1.2	U	60
SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
SB	REAL	PZ54893537	08-SEP-89	N																
SB	REAL	PZ54893839	08-SEP-89	N																
SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFIN	% SOLIDS	84.1	%									84.1		
SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFIN	pH	7.9	PHUNIT									7.9		
SB	REAL	PZ54894041	08-SEP-89	N																
SB	REAL	PZ54894142	08-SEP-89	N																
SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFIN	% SOLIDS	86.5	%									86.5		
SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0		4
SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFIN	pH	7.4	PHUNIT									7.4		
SB	DUP	PZ638921230	19-SEP-89	N																
SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFIN	% SOLIDS	92.0	%									92.0		
SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.5	MG/KG		.		V					1.5		60
SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFIN	% SOLIDS	85.9	%									85.9		
SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		.		V					2.0		4
SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFIN	% SOLIDS	85.7	%									85.7		
SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2	U	4
SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFIN	pH	8.2	PHUNIT									8.2		
SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFIN	% SOLIDS	87.8	%									87.8		
SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		.		V					2.0		4
SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFIN	pH	8.0	PHUNIT									8.0		
SB	REAL	PZ63890911	19-SEP-89	N																
SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFIN	% SOLIDS	89.5	%									89.5		
SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFIN	pH	7.8	PHUNIT									7.8		
SB	REAL	PZ63891112	19-SEP-89	N																
SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFIN	% SOLIDS	91.3	%									91.3		
SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.1	MG/KG		U		V					1.1	U	60
SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0	U	4
SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFIN	pH	7.6	PHUNIT									7.6		
SB	REAL	PZ63891517	19-SEP-89	N																
SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFIN	% SOLIDS	90.7	%									90.7		
SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1	MG/KG		U		V					1.1	U	60
SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFIN	SULFIDE	4	MG/KG		.		V					4.0		4

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFIN	pH	7.4	PHUNIT									7.4		
P416889	SB	REAL	PZ63891719	19-SEP-89	N																
P416889	SB	REAL	PZ63891921	19-SEP-89	N																
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFIN	% SOLIDS	85.0	%									85.0		
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFIN	NITRATE/NITRITE	1.2	MG/KG		U		V					1.2	U	60
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFIN	SULFIDE	2	MG/KG		U		V					2.0		4
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFIN	pH	7.3	PHUNIT									7.3		
P416889	SB	REAL	PZ63892123	19-SEP-89	N																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
>114789	SB	REAL	PZ43890002	28-SEP-89	N																
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.15								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	18.3	PCI/G	4.7		4.6								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	26.4	PCI/G	4.8		5.6								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.090	PCI/G	0.021		0								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.3		0.								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	RADIUM-228	1.3	PCI/G	0.5		0.4								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	1.50	PCI/G	0.49		0.								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	TRITIUM	-70	PCI/L	270		440								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.80	PCI/G	0.34		0.15								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.07		0								
>114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.73	PCI/G	0.31		0								
>114789	SB	REAL	PZ43890204	28-SEP-89	N																
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	7.1	PCI/G	3.8		5.0								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	29.1	PCI/G	4.9		5.6								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.022	PCI/G	0.011		0								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.3		0.								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.4		0.4								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.26	PCI/G	0.45		0.								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	TRITIUM	-130	PCI/L	250		420								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.38	PCI/G	0.20		0.11								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.07	PCI/G	0.08		0								
>114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.43	PCI/G	0.20		0								
>114789	SB	REAL	PZ43890406	28-SEP-89	N																
>114789	SB	REAL	PZ43890608	28-SEP-89	N																
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.18								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	15.2	PCI/G	4.6		4.9								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	32.4	PCI/G	5.2		6.1								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.010	PCI/G	0.007		0								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.4		0.								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.6		0.4								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.45	PCI/G	0.43		0.								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	TRITIUM	-20	PCI/L	250		420								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.49	PCI/G	0.22		0								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.07	PCI/G	0.08		0								
>114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.61	PCI/G	0.25		0.11								
>114789	SB	REAL	PZ43890810	28-SEP-89	N																
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	17.13	PCI/G	4.3		3.6								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	28.9	PCI/G	5.0		6.0								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.011	PCI/G	0.008		0								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.2		0.								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	RADIUM-228	0.9	PCI/G	0.5		0.4								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.50	PCI/G	0.34		0.								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	TRITIUM	140	PCI/L	250		400								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.66	PCI/G	0.30		0.15								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.14		0.21								
>114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.51	PCI/G	0.31		0.30								
>114789	SB	REAL	PZ43891214	28-SEP-89	N																
>114789	SB	REAL	PZ43891416	28-SEP-89	N																
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.09								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	10.8	PCI/G	4.1		4.7								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	27.6	PCI/G	4.8		5.6								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.011	PCI/G	0.009		0								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.2		0.								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	RADIUM-228	1.1	PCI/G	0.4		0.3								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	2.19	PCI/G	0.50		0.								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	TRITIUM	90	PCI/L	240		400								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.47	PCI/G	0.30		0								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.09		0								
>114789	SB	REAL	P[illegible]3891519	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.52	PCI/G	0.34		0.22								
>114789	SB	REAL	891618	28-SEP-89	N																

1/24/201

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43891820	28-SEP-89	N																
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.18								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	16.4	PCI/G	3.0		5.6								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	29.0	PCI/G	4.7		5.2								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.006	PCI/G	0.007		0								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.2		0.								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	RADIUM-228	1.1	PCI/G	0.6		0.4								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	1.76	PCI/G	0.50		0.								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	TRITIUM	230	PCI/L	250		400								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.54	PCI/G	0.30		0								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.04	PCI/G	0.08		0								
P114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.88	PCI/G	0.38		0								
P114789	SB	REAL	PZ43892022	28-SEP-89	N																
P114789	SB	REAL	PZ43892224	28-SEP-89	N																
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.50								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	8.4	PCI/G	2.9		3.4								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	27.7	PCI/G	5.2		6.4								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.011	PCI/G	0.009		0								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	RADIUM-226	1.6	PCI/G	0.8		0.								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	RADIUM-228	1.0	PCI/G	1.9		1.8								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.12	PCI/G	0.36		0.								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	TRITIUM	110	PCI/L	260		420								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.39	PCI/G	0.33		0.26								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.33	PCI/G	0.27		0.26								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.83	PCI/G	0.46		0.26								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.55								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	6.0	PCI/G	2.1		2.0								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	19.1	PCI/G	4.3		5.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.010	PCI/G	0.007		0								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	RADIUM-226	0	PCI/G			0.								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	RADIUM-228	0	PCI/G			1.1								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.30	PCI/G	0.41		0.								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	TRITIUM	50	PCI/L	230		380								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.64	PCI/G	0.28		0								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	URANIUM-235	0.25	PCI/G	0.19		0.14								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFRA	URANIUM-238	0.95	PCI/G	0.34		0								
P114789	SB	REAL	PZ43892728	28-SEP-89	N																
P114789	SB	REAL	PZ43892829	28-SEP-89	N																
P114789	SB	REAL	PZ43893031	28-SEP-89	N																
P114889	SB	DUP	PZ44890911D	22-SEP-89	N																
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.17								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	10.3	PCI/G	2.9		3.1								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	28.3	PCI/G	4.9		5.6								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	RADIUM-226	1.2	PCI/G	0.5		0.								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	RADIUM-228	2.0	PCI/G	0.9		0.7								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.11	PCI/G	0.28		0.								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	TRITIUM	-70	PCI/L	260		440								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.80	PCI/G	0.28		0								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.07		0								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFRA	URANIUM-238	0.63	PCI/G	0.26		0.11								
P114889	SB	REAL	PZ44890002	22-SEP-89	N																
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.14								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	17.0	PCI/G	3.5		3.2								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.3	PCI/G	5.3		5.6								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.022	PCI/G	0.015		0								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.3		0.								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	RADIUM-228	2.5	PCI/G	0.7		0.4								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.36	PCI/G	0.30		0.								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	TRITIUM	-50	PCI/L	280		470								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.16	PCI/G	0.36		0								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.06		0								
P114889	SB	REAL	P[illegible]90003	22-SEP-89	N	TRG	RFRA	URANIUM-238	0.80	PCI/G	0.31		0.13								
P114889	SB	REAL	P[illegible]90204	22-SEP-89	N																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.10								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	11.4	PCI/G	3.1		3.2								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	34.4	PCI/G	5.2		5.5								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.025	PCI/G	0.012		0								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.3		0.								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	RADIUM-228	1.4	PCI/G	0.5		0.5								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.16	PCI/G	0.31		0.								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	TRITIUM	230	PCI/L	280		440								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.71	PCI/G	0.27		0								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.05		0								
114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFRA	URANIUM-238	0.52	PCI/G	0.25		0.12								
114889	SB	REAL	PZ44890506	22-SEP-89	N																
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.25								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	13.9	PCI/G	3.3		3.2								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.0	PCI/G	5.2		5.5								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.004	PCI/G	0.005		0								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	RADIUM-226	1.0	PCI/G	0.3		0.								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.9		0.6								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.41	PCI/G	0.34		0.								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	TRITIUM	70	PCI/L	290		470								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.51	PCI/G	0.21		0								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	URANIUM-235	0.04	PCI/G	0.06		0								
114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFRA	URANIUM-238	0.38	PCI/G	0.18		0								
114889	SB	REAL	PZ44890911	22-SEP-89	N																
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.21								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	4.3	PCI/G	1.9		2.0								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	18.6	PCI/G	4.2		5.0								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	RADIUM-226	1.0	PCI/G	0.5		0.								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.8		0.5								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.11	PCI/G	0.33		0.								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	TRITIUM	-290	PCI/L	250		440								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.37	PCI/G	0.19		0								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.07		0								
114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFRA	URANIUM-238	0.74	PCI/G	0.26		0								
114889	SB	REAL	PZ44891214	22-SEP-89	N																
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.25								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	9.0	PCI/G	2.6		2.5								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	34.1	PCI/G	5.3		5.8								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	RADIUM-226	1.2	PCI/G	0.3		0.								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	RADIUM-228	1.9	PCI/G	0.5		0.5								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.54	PCI/G	0.33		0.								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	TRITIUM	-120	PCI/L	260		440								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.86	PCI/G	0.29		0.11								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	URANIUM-235	0.09	PCI/G	0.13		0.15								
114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFRA	URANIUM-238	1.09	PCI/G	0.37		0.31								
114889	SB	REAL	PZ44891416	22-SEP-89	N																
114889	SB	REAL	PZ44891618	22-SEP-89	N																
115489	SB	REAL	PZ49890002	20-SEP-89	N																
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.13								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	20.1	PCI/G	4.6		3.8								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	31.5	PCI/G	5.1		5.8								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.030	PCI/G	0.010		0								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	RADIUM-226	1.2	PCI/G	0.3		0.								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	RADIUM-228	1.7	PCI/G	0.7		0.5								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.57	PCI/G	0.31		0.								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	TRITIUM	380	PCI/L	330		520								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.27	PCI/G	0.28		0.07								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.10	PCI/G	0.08		0								
115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFRA	URANIUM-238	1.00	PCI/G	0.25		0.07								
115489	SB	REAL	PZ49890204	20-SEP-89	N																
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.18								
115489	SB	REAL	PZ 90306	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RAD CTI	24.1	PCI/G	5.2		4.7								
115489	SB	REAL	P 90306	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RAD. TIV	28.9	PCI/G	5.0		5.8								

ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.014	PCI/G	0.009		0								
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.3		0.								
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	RADIUM-228	2.1	PCI/G	0.7		0.4								
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.40	PCI/G	0.38		0.								
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	TRITIUM	200	PCI/L	300		480								
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.72	PCI/G	0.27		0.11								
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.02	PCI/G	0.08		0.11								
115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFRA	URANIUM-238	0.99	PCI/G	0.32		0.11								
115489	SB	REAL	PZ49890406	20-SEP-89	N																
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	AMERICIUM-241	0.010	PCI/G	0.008		0.008								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	CESIUM-137	0	PCI/G			0.2								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	GROSS ALPHA PARTICLE RADIOACTI	5.5	PCI/G	1.3		1.2								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	GROSS BETA PARTICLE RADIOACTIV	12.1	PCI/G	3.7		4.9								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	PLUTONIUM-239	0.012	PCI/G	0.008		0.000								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	RADIUM-226	0.9	PCI/G	0.2		0.2								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	RADIUM-228	1.1	PCI/G	0.6		0.6								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	STRONTIUM-90	0.64	PCI/G	0.45		0.64								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	TRITIUM	130	PCI/L	290		470								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	URANIUM-233,-234	.46	PCI/G	.22		0.00								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	URANIUM-235	.05	PCI/G	.08		0.00								
115489	SB	REAL	PZ49890608	20-SEP-89	N		TRADS	URANIUM-238	.62	PCI/G	.26		0.00								
115489	SB	REAL	PZ49890810	20-SEP-89	N																
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.15								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	18.4	PCI/G	4.9		5.2								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.8	PCI/G	5.1		5.5								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.001	PCI/G	0.007		0.								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.3		0.								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.6		0.4								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.30	PCI/G	0.38		0.								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	TRITIUM	280	PCI/L	270		420								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.50	PCI/G	0.26		0								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.13	PCI/G	0.13		0								
115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFRA	URANIUM-238	0.57	PCI/G	0.31		0.22								
115489	SB	REAL	PZ49891012	20-SEP-89	N																
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.09								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.6	PCI/G	4.5		4.8								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	25.4	PCI/G	4.7		5.5								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.003	PCI/G	0.006		0.								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.3		0.								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.4		0.4								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.49	PCI/G	0.33		0.								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	TRITIUM	430	PCI/L	290		450								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.47	PCI/G	0.26		0.19								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.10		0.14								
115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFRA	URANIUM-238	0.65	PCI/G	0.29		0.14								
115489	SB	REAL	PZ49891416	20-SEP-89	N																
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.18								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	13.7	PCI/G	4.2		4.4								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	43.2	PCI/G	5.8		6.5								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.012	PCI/G	0.011		0.								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.3		0.								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	RADIUM-228	1.0	PCI/G	0.7		0.5								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.17	PCI/G	0.35		0.								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	TRITIUM	400	PCI/L	270		420								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.25	PCI/G	0.24		0.24								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.04	PCI/G	0.12		0.17								
115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFRA	URANIUM-238	0.36	PCI/G	0.25		0.17								
115489	SB	REAL	PZ49891618	20-SEP-89	N																
115489	SB	REAL	PZ49891820	20-SEP-89	N																
115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.18								
115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	16.4	PCI/G	4.3		3.9								
115489	SB	REAL	PZ 91822	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADI TIV	27.8	PCI/G	5.1		6.2								
115489	SB	REAL	P. 91822	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.008	PCI/G	0.009		0.								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.3		0.								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	RADIUM-228	1.8	PCI/G	0.5		0.4								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	1.94	PCI/G	0.44		0.								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	TRITIUM	310	PCI/L	290		450								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.84	PCI/G	0.33		0.14								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.10		0.14								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFRA	URANIUM-238	0.66	PCI/G	0.28		0								
P115489	SB	REAL	PZ49892022	20-SEP-89	N																
P115489	SB	REAL	PZ49892224	20-SEP-89	N																
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.17								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	16.7	PCI/G	5.1		5.8								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	25.2	PCI/G	4.9		6.0								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.003	PCI/G	0.006		0.								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.2		0.								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	RADIUM-228	1.1	PCI/G	0.3		0.3								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.52	PCI/G	0.40		0.								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	TRITIUM	400	PCI/L	330		520								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.68	PCI/G	0.42		0.12								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.08	PCI/G	0.12		0.12								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFRA	URANIUM-238	1.73	PCI/G	0.44		0.17								
P115489	SB	REAL	PZ49892426	20-SEP-89	N																
P115489	SB	REAL	PZ49892628	20-SEP-89	N																
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.20								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	18.7	PCI/G	4.8		4.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	27.7	PCI/G	4.8		5.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	-0.005	PCI/G	0.011		0.								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.4		0.								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	RADIUM-228	1.0	PCI/G	0.7		0.5								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.34	PCI/G	0.39		0.								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	TRITIUM	270	PCI/L	280		450								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.35	PCI/G	0.43		0.15								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.14		0.21								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFRA	URANIUM-238	1.06	PCI/G	0.45		0.42								
P115489	SB	REAL	PZ49893031	20-SEP-89	N																
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.13								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.6	PCI/G	3.4		3.4								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	22.4	PCI/G	5.0		6.4								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.020	PCI/G	0.012		0								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.4		0.								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	RADIUM-228	1.9	PCI/G	0.5		0.4								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.12	PCI/G	0.32		0.								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	TRITIUM	-60	PCI/L	270		450								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.84	PCI/G	0.28		0								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.02	PCI/G	0.05		0								
P115589	SB	DUP	PZ50890306D	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.84	PCI/G	0.28		0								
P115589	SB	DUP	PZ50890406D	03-OCT-89	N																
P115589	SB	REAL	PZ50890002	03-OCT-89	N																
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.25								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	13.6	PCI/G	3.0		2.4								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	33.4	PCI/G	5.3		6.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.031	PCI/G	0.013		0								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	RADIUM-226	1.0	PCI/G	0.3		0.								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	RADIUM-228	1.8	PCI/G	0.5		0.4								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	-0.04	PCI/G	0.36		0								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	TRITIUM	130	PCI/L	440		710								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	1.10	PCI/G	0.44		0.19								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.20	PCI/G	0.22		0.19								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.90	PCI/G	0.38		0								
P115589	SB	REAL	PZ50890204	03-OCT-89	N																
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.23								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	8.2	PCI/G	2.7		5.0								
P115589	SB	REAL	[illegible]890306	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RA[illegible]CTIV	26.6	PCI/G	5.0		5.8								
P115589	SB	REAL	[illegible]890306	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.030	PCI/G	0.014		0								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.2		0.								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.4		0.4								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	2.06	PCI/G	0.50		0.								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	TRITIUM	210	PCI/L	280		450								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.85	PCI/G	0.43		0								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.11		0								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.80	PCI/G	0.41		0								
P115589	SB	REAL	PZ50890406	03-OCT-89	N																
P115589	SB	REAL	PZ50890608	03-OCT-89	N																
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.40								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	10.9	PCI/G	2.8		25								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	30.8	PCI/G	5.1		5.7								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.019	PCI/G	0.014		0.								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.3		0.								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	RADIUM-228	0	PCI/G			1.0								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.52	PCI/G	0.42		0.								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	TRITIUM	350	PCI/L	280		450								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.55	PCI/G	0.33		0.20								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.21	PCI/G	0.19		0								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.42	PCI/G	0.27		0								
P115589	SB	REAL	PZ50890810	03-OCT-89	N																
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.15								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	11.4	PCI/G	2.7		2.2								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	34.9	PCI/G	5.3		5.8								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.024	PCI/G	0.020		0.								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.2		0.								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	RADIUM-228	0.9	PCI/G	0.5		0.4								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.89	PCI/G	0.56		0.								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	TRITIUM	230	PCI/L	280		450								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.38	PCI/G	0.29		0								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.22	PCI/G	0.27		0.25								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.87	PCI/G	0.46		0.25								
P115589	SB	REAL	PZ50891012	03-OCT-89	N																
P115589	SB	REAL	PZ50891214	03-OCT-89	N																
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.33								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	6.2	PCI/G	2.6	/	3.0								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	29.8	PCI/G	5.3		6.3								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.046	PCI/G	0.029		0.								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	RADIUM-226	0	PCI/G			0.								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	RADIUM-228	2.0	PCI/G	1.0		1.0								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.28	PCI/G	0.48		0.								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	TRITIUM	260	PCI/L	270		430								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.22	PCI/G	0.16		0								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.06		0								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.37	PCI/G	0.23		0.14								
P115589	SB	REAL	PZ50891416	03-OCT-89	N																
P115589	SB	REAL	PZ50891618	03-OCT-89	N																
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.17								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	9.1	PCI/G	2.6		2.3								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	24.5	PCI/G	5.1		6.3								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.050	PCI/G	0.019		0								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.2		0.								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	RADIUM-228	0.5	PCI/G	0.8		0.6								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.49	PCI/G	0.45		0.								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	TRITIUM	190	PCI/L	260		420								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.42	PCI/G	0.24		0.14								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.10		0.14								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.72	PCI/G	0.32		0.20								
P115589	SB	REAL	PZ50891820	03-OCT-89	N																
P115589	SB	REAL	PZ50892022	03-OCT-89	N																
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.19								
P115589	SB	REAL	[illegible]0892024	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE [illegible]OACTI	6.4	PCI/G	2.6		3.0								
P115589	SB	REAL	0892024	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE R[illegible]ACTIV	33.3	PCI/G	5.3		5.9								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.047	PCI/G	0.017		0								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.2		0.								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	RADIUM-228	1.0	PCI/G	0.7		0.5								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.47	PCI/G	0.45		0.								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	TRITIUM	280	PCI/L	280		450								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.75	PCI/G	0.30		0								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.12	PCI/G	0.12		0								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFRA	URANIUM-238	0.60	PCI/G	0.27		0								
P115589	SB	REAL	PZ50892224	03-OCT-89	N																
P115589	SB	REAL	PZ50892426	03-OCT-89	N																
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.19								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	7.1	PCI/G	2.7		3.1								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	25.4	PCI/G	4.7		5.5								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.019	PCI/G	0.011		0								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	RADIUM-226	1.0	PCI/G	0.4		0.								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	RADIUM-228	1.1	PCI/G	0.6		0.4								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.05	PCI/G	0.40		0.								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	TRITIUM	130	PCI/L	260		420								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.73	PCI/G	0.32		0								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	URANIUM-235	0.04	PCI/G	0.07		0								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFRA	URANIUM-238	1.15	PCI/G	0.40		0								
P115589	SB	REAL	PZ50892628	03-OCT-89	N																
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	CESIUM-137	0.83	PCI/G	0.24		0.18								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	24.1	PCI/G	3.9		3.0								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	48.8	PCI/G	6.0		6.2								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.218	PCI/G	0.029		0								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	RADIUM-226	1.2	PCI/G	0.4		0.								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	RADIUM-228	2.0	PCI/G	0.7		0.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.10	PCI/G	0.51		0.								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	TRITIUM	-70	PCI/L	260		440								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	URANIUM-233,-234	3.44	PCI/G	0.33		0								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	URANIUM-235	0.22	PCI/G	0.08		0								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFRA	URANIUM-238	2.28	PCI/G	0.27		0								
P213689	SB	DUP	PZ10890810D	16-OCT-89	N																
P213689	SB	REAL	PZ10890002	16-OCT-89	N																
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.22								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	24.2	PCI/G	3.9		2.9								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	39.4	PCI/G	5.5		5.9								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	1.756	PCI/G	0.082		0								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	RADIUM-226	1.0	PCI/G	0.5		0.								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	RADIUM-228	2.0	PCI/G	0.7		0.5								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.40	PCI/G	0.42		0.								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	TRITIUM	3260	PCI/L	430		530								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	URANIUM-233,-234	1.17	PCI/G	0.32		0								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	URANIUM-235	0.06	PCI/G	0.07		0								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFRA	URANIUM-238	0.82	PCI/G	0.27		0								
P213689	SB	REAL	PZ10890204	16-OCT-89	N																
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	CESIUM-137	0.31	PCI/G	0.26		0.19								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	12.3	PCI/G	3.2		3.2								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	31.4	PCI/G	5.2		5.9								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.066	PCI/G	0.015		0								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.5		0.								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.9		0.7								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.41	PCI/G	0.44		0.								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	TRITIUM	1000	PCI/L	40		740								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	URANIUM-233,-234	1.01	PCI/G	0.36		0								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	URANIUM-235	0.13	PCI/G	0.13		0								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFRA	URANIUM-238	0.82	PCI/G	0.34		0.21								
P213689	SB	REAL	PZ10890406	16-OCT-89	N																
P213689	SB	REAL	PZ10890608	16-OCT-89	N																
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	12.4	PCI/G	3.1		3.1								
P213689	SB	REAL	10890712	16-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE R' 'OACTIV	32.2	PCI/G	5.5		6.4								
P213689	SB	REAL	,0890712	16-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.084	PCI/G	0.018		0								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.82	PCI/G	0.53		0.								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFRA	TRITIUM	250	PCI/L	420		680								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFRA	URANIUM-233,-234	1.95	PCI/G	0.60		0								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFRA	URANIUM-235	-0.14	PCI/G	0.21		0.43								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFRA	URANIUM-238	1.30	PCI/G	0.61		0.61								
P213689	SB	REAL	PZ10890810	16-OCT-89	N																
P213689	SB	REAL	PZ10891012	16-OCT-89	N																
P213689	SB	REAL	PZ10891315	16-OCT-89	N																
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.44								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	11.0	PCI/G	2.8		2.4								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	19.8	PCI/G	4.8		6.2								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.007	PCI/G	0.008		0.								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	RADIUM-226	1.4	PCI/G	0.7		0.								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	RADIUM-228	2.4	PCI/G	2.1		1.5								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.54	PCI/G	0.52		0.								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	TRITIUM	420	PCI/L	280		440								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.66	PCI/G	0.30		0								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	URANIUM-235	0.07	PCI/G	0.09		0								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFRA	URANIUM-238	0.66	PCI/G	0.35		0.31								
P213689	SB	REAL	PZ10891517	16-OCT-89	N																
P214089	SB	REAL	PZ23890002	16-OCT-89	N																
P214089	SB	REAL	PZ23890003	16-OCT-89	N																
P214089	SB	REAL	PZ23890204	16-OCT-89	N																
P214089	SB	REAL	PZ23890307	16-OCT-89	N																
P214089	SB	REAL	PZ23890406	16-OCT-89	N																
P214089	SB	REAL	PZ23890608	16-OCT-89	N																
P214089	SB	REAL	PZ23890709	16-OCT-89	N																
P214089	SB	REAL	PZ23890810	16-OCT-89	N																
P214089	SB	REAL	PZ23890913	16-OCT-89	N																
P214089	SB	REAL	PZ23891012	16-OCT-89	N																
P214089	SB	REAL	PZ23891319	16-OCT-89	N																
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.21								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.8	PCI/G	4.6		4.9								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	37.7	PCI/G	5.1		5.1								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.016	PCI/G	0.013		0								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.3		0.								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	RADIUM-228	0.5	PCI/G	0.7		0.5								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.99	PCI/G	0.42		0.								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	TRITIUM	120	PCI/L	270		440								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.61	PCI/G	0.24		0								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.07		0.07								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFRA	URANIUM-238	0.73	PCI/G	0.27		0								
P214689	SB	DUP	PZ428918200	27-SEP-89	N																
P214689	SB	REAL	PZ42890002	26-SEP-89	N																
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.11								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	17.6	PCI/G	4.8		5.0								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	28.9	PCI/G	4.9		5.6								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.031	PCI/G	0.015		0								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	RADIUM-226	1.1	PCI/G	0.3		0.								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	RADIUM-228	2.0	PCI/G	0.7		0.4								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.51	PCI/G	0.38		0.								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	TRITIUM	620	PCI/L	310		470								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.69	PCI/G	0.28		0.17								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.07		0								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFRA	URANIUM-238	0.84	PCI/G	0.31		0.17								
P214689	SB	REAL	PZ42890204	26-SEP-89	N																
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.18								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	17.0	PCI/G	4.5		4.3								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	30.9	PCI/G	4.9		5.3								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.018	PCI/G	0.011		0								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.3		0.								
P214689	SB	REAL	[illegible]890306	26-SEP-89	N	TRG	RFRA	RADIUM-228	1.9	PCI/G	0.5		0.4								
P214689	SB	REAL	[illegible]2890306	26-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.46	PCI/G	0.35		0.								

.ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
>214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	TRITIUM	-140	PCI/L	260		440								
>214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.64	PCI/G	0.28		0.17								
>214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.10		0.12								
>214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFRA	URANIUM-238	0.39	PCI/G	0.21		0.12								
>214689	SB	REAL	PZ42890406	26-SEP-89	N																
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.16								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	8.8	PCI/G	4.2		4.2								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	31.6	PCI/G	4.9		5.4								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.010	PCI/G	0.010		0								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.3		0.								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	RADIUM-228	1.3	PCI/G	0.5		0.4								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.83	PCI/G	0.45		0.								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	TRITIUM	-70	PCI/L	270		440								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.65	PCI/G	0.27		0.12								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	URANIUM-235	0.10	PCI/G	0.13		0.12								
>214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFRA	URANIUM-238	0.83	PCI/G	0.29		0								
>214689	SB	REAL	PZ42890810	27-SEP-89	N																
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.20								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	13.0	PCI/G	4.4		4.9								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.6	PCI/G	5.3		6.0								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.001	PCI/G	0.009		0.								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.3		0.								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.6		0.4								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	1.33	PCI/G	1.09		1.								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	TRITIUM	120	PCI/L	260		420								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.04	PCI/G	0.32		0								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.07		0								
>214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFRA	URANIUM-238	0.68	PCI/G	0.26		0								
>214689	SB	REAL	PZ42891012	27-SEP-89	N																
>214689	SB	REAL	PZ42891214	27-SEP-89	N																
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.20								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	13.5	PCI/G	3.8		3.2								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	30.6	PCI/G	4.9		5.5								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.010	PCI/G	0.007		0								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.4		0.								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	RADIUM-228	1.8	PCI/G	0.4		0.2								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.47	PCI/G	0.44		0.								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	TRITIUM	-30	PCI/L	270		440								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.32	PCI/G	0.19		0								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.08		0								
>214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFRA	URANIUM-238	0.51	PCI/G	0.25		0.13								
>214689	SB	REAL	PZ42891416	27-SEP-89	N																
>214689	SB	REAL	PZ42891618	27-SEP-89	N																
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.10								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	19.2	PCI/G	4.7		4.2								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	31.1	PCI/G	4.9		5.3								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.014	PCI/G	0.010		0								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	RADIUM-226	1.3	PCI/G	0.2		0.								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	RADIUM-228	1.7	PCI/G	0.3		0.4								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.95	PCI/G	0.44		0.								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	TRITIUM	-40	PCI/L	250		420								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.59	PCI/G	0.30		0								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	URANIUM-235	0.04	PCI/G	0.08		0								
>214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFRA	URANIUM-238	0.86	PCI/G	0.37		0								
>214689	SB	REAL	PZ42891820	27-SEP-89	N																
>214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.16								
>214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	11.0	PCI/G	4.4	/	5.4								
>214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	32.9	PCI/G	4.9		5.3								
>214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.007	PCI/G	0.008		0								
>214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.2		0.								
>214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	RADIUM-228	1.4	PCI/G	0.5		0.4								
>214689	SB	REAL	P 192022	27-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.68	PCI/G	0.43		0.								
>214689	SB	REAL	P 92022	27-SEP-89	N	TRG	RFRA	TRITIUM	160	PCI/L	280		440								

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.ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
'214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.70	PCI/G	0.29		0								
'214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.06		0								
'214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFRA	URANIUM-238	0.91	PCI/G	0.06		0								
'214689	SB	REAL	PZ42892224	27-SEP-89	N																
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	18.8	PCI/G	3.8		2.6								
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	30.6	PCI/G	4.2		4.5								
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.008	PCI/G	0.008		0								
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.41	PCI/G	0.35		0.								
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	TRITIUM	-10	PCI/L	270		440								
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.77	PCI/G	0.31		0.14								
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	URANIUM-235	0.12	PCI/G	0.19		0/23								
'214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFRA	URANIUM-238	0.92	PCI/G	0.34		0.14								
'214689	SB	REAL	PZ42892426	27-SEP-89	N																
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.12								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.3	PCI/G	3.1		2.5								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.4	PCI/G	5.6		6.5								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.014	PCI/G	0.008		0								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.5		0.								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.5		0.5								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.17	PCI/G	0.39		0.								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	TRITIUM	80	PCI/L	270		440								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.84	PCI/G	0.43		0								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	URANIUM-235	-0.06	PCI/G	0.11		0.26								
'313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.73	PCI/G	0.43		0.26								
'313489	SB	REAL	PZ05890002	11-OCT-89	N																
'313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.14								
'313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	20.7	PCI/G	3.5		2.4								
'313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	29.1	PCI/G	5.2		6.2								
'313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	15.86	PCI/G	0.28		0.								
'313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	RADIUM-226	1.0	PCI/G	0.4		0.								
313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.9		0.6								
313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.04	PCI/G	0.60		0.								
313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	TRITIUM	-220	PCI/L	270		460								
313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.27	PCI/G	0.14		0.08								
313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.06		0								
313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.23	PCI/G	0.14		0.11								
313489	SB	REAL	PZ05890204	11-OCT-89	N																
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.13								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	9.6	PCI/G	2.9		3.0								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	23.0	PCI/G	4.9		6.2								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.024	PCI/G	0.011		0								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.3		0.								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	RADIUM-228	0.6	PCI/G	0.6		0.5								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	2.77	PCI/G	0.49		0.								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	TRITIUM	-160	PCI/L	260		440								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.19	PCI/G	0.20		0.18								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.04	PCI/G	0.13		0.18								
313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.42	PCI/G	0.27		0.18								
313489	SB	REAL	PZ05890406	11-OCT-89	N																
313489	SB	REAL	PZ05890608	11-OCT-89	N																
313489	SB	REAL	PZ05890810	11-OCT-89	N																
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.07								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	24.9	PCI/G	4.1		3.3								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	49.9	PCI/G	5.9		5.8								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.008	PCI/G	0.005		0								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.3		0.								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.3	PCI/G	0.3		0.2								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.64	PCI/G	0.38		0.								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	TRITIUM	-80	PCI/L	260		440								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.79	PCI/G	0.41		0								
313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.18		0.25								
313489	SB	REAL	PZ 90812	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.89	PCI/G	0.43		0								
313489	SB	REAL	PZ 91012	11-OCT-89	N																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05891214	11-OCT-89	N																
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.14								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	8.4	PCI/G	2.8		3.0								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.6	PCI/G	5.3		5.8								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.011	PCI/G	0.008		0								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	RADIUM-226	1.2	PCI/G	0.3		0.								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.7	PCI/G	0.4		0.4								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.30	PCI/G	0.35		0.								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	TRITIUM	-230	PCI/L	270		460								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.48	PCI/G	0.24		0								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.06		0								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.70	PCI/G	0.29		0								
P313489	SB	REAL	PZ05891416	11-OCT-89	N																
P313489	SB	REAL	PZ05891618	11-OCT-89	N																
P313489	SB	REAL	PZ05891820	11-OCT-89	N																
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.23								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	10.0	PCI/G	2.5		2.0								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	30.6	PCI/G	4.8		5.0								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.023	PCI/G	0.010		0								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.4		0.								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.2	PCI/G	0.8		0.6								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.63	PCI/G	0.34		0.								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	TRITIUM	-210	PCI/L	260		440								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.76	PCI/G	0.34		0								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.08	PCI/G	0.11		0								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.94	PCI/G	0.39		0.18								
P313489	SB	REAL	PZ05892022	11-OCT-89	N																
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.42								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	12.8	PCI/G	3.4		3.7								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	24.3	PCI/G	5.0		6.3								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.012	PCI/G	0.007		0								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	RADIUM-226	1.5	PCI/G	0.9		0.								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	RADIUM-228	2.4	PCI/G	1.1		1.0								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.84	PCI/G	0.63		0.								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	TRITIUM	-140	PCI/L	280		460								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.99	PCI/G	0.45		0.22								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.09		0								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFRA	URANIUM-238	1.09	PCI/G	0.45		0								
P313489	SB	REAL	PZ05892224	11-OCT-89	N																
P313589	SB	REAL	PZ07890002	12-OCT-89	N																
P313589	SB	REAL	PZ07890003	12-OCT-89	N																
P313589	SB	REAL	PZ07890203	12-OCT-89	N																
P313589	SB	REAL	PZ07890406	12-OCT-89	N																
P313589	SB	REAL	PZ07890408	12-OCT-89	N																
P313589	SB	REAL	PZ07890608	12-OCT-89	N																
P313589	SB	REAL	PZ07890810	12-OCT-89	N																
P313589	SB	REAL	PZ07890812	12-OCT-89	N																
P313589	SB	REAL	PZ07891012	12-OCT-89	N																
P313589	SB	REAL	PZ07891214	12-OCT-89	N																
P313589	SB	REAL	PZ07891216	12-OCT-89	N																
P314289	SB	REAL	PZ31890002	11-OCT-89	N																
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.16								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	6.7	PCI/G	2.4		2.3								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	19.0	PCI/G	4.7		6.0								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.096	PCI/G	0.026		0								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	RADIUM-226	1.1	PCI/G	0.4		0.								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	RADIUM-228	2.0	PCI/G	0.7		0.4								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	1.68	PCI/G	0.45		0.								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	TRITIUM	70	PCI/L	280		460								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	1.66	PCI/G	0.48		0								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.07	PCI/G	0.10		0								
P314289	SB	REAL	[illegible]1890003	11-OCT-89	N	TRG	RFRA	URANIUM-238	1.20	PCI/G	0.42		0.16								
P314289	SB	REAL	[illegible]1890204	11-OCT-89	N																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.20								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	1.09	PCI/G	3.4		3.9								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	32.4	PCI/G	5.2		5.7								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.023	PCI/G	0.014		0								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.4		0.								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	RADIUM-228	2.4	PCI/G	0.6		0.4								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.50	PCI/G	0.39		0.								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	TRITIUM	190	PCI/L	330		530								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.71	PCI/G	0.33		0.16								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.07		0								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFRA	URANIUM-238	1.32	PCI/G	0.42		0								
P314289	SB	REAL	PZ31890406	11-OCT-89	N																
P314289	SB	REAL	PZ31890608	11-OCT-89	N																
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.12								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	22.6	PCI/G	5.3		5.3								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	27.8	PCI/G	4.7		5.2								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	-0.004	PCI/G	0.011		0.								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.3		0.								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.7	PCI/G	0.7		0.5								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.30	PCI/G	0.40		0.								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	TRITIUM	-270	PCI/L	270		460								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.42	PCI/G	0.36		0.28								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.11	PCI/G	0.17		0								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.83	PCI/G	0.47		0.28								
P314289	SB	REAL	PZ31890810	11-OCT-89	N																
P314289	SB	REAL	PZ31891012	11-OCT-89	N																
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.18								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	13.2	PCI/G	3.9		4.2								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	43.7	PCI/G	5.5		5.5								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.011	PCI/G	0.010		0								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.3		0.								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.7		0.5								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.67	PCI/G	0.40		0.								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	TRITIUM	80	PCI/L	290		460								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.59	PCI/G	0.35		0.21								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.16		0.21								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFRA	URANIUM-238	1.08	PCI/G	0.44		0								
P314289	SB	REAL	PZ31891214	11-OCT-89	N																
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.30								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	4.3	PCI/G	2.6		3.6								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	28.8	PCI/G	5.1		5.9								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	PLUTONIUM-239/240	0.016	PCI/G	0.008		0								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	RADIUM-226	1.0	PCI/G	0.5		0.								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	RADIUM-228	1.3	PCI/G	0.7		0.5								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	STRONTIUM-89,90	0.21	PCI/G	0.42		0.								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	TRITIUM	-220	PCI/L	260		440								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	URANIUM-233,-234	0.55	PCI/G	0.32		0								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	URANIUM-235	0.09	PCI/G	0.18		0.21								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFRA	URANIUM-238	0.96	PCI/G	0.42		0								
P314289	SB	REAL	PZ31891416	11-OCT-89	N																
P314289	SB	REAL	PZ31891618	11-OCT-89	N																
P317989	GW	REAL	P3179891289004	04-DEC-89	N																
P317989	SB	DUP	P3179890610D	02-NOV-89	N																
P317989	SB	DUP	P3179890810D	02-NOV-89	N																
P317989	SB	REAL	P3179890002	02-NOV-89	N																
P317989	SB	REAL	P3179890003	02-NOV-89	N																
P317989	SB	REAL	P3179890204	02-NOV-89	N																
P317989	SB	REAL	P3179890306	02-NOV-89	N																
P317989	SB	REAL	P3179890406	02-NOV-89	N																
P317989	SB	REAL	P3179890608	02-NOV-89	N																
P317989	SB	REAL	P3179890610	02-NOV-89	N																
P317989	SB	REAL	[illegible]79890810	02-NOV-89	N																
P411589	SB	DUP	[illegible]6401890002D	23-AUG-89	N																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	DUP	BH664018903090	23-AUG-89	N																
P411589	SB	REAL	BH66401890000	23-AUG-89	N																
P411589	SB	REAL	BH66401890002	23-AUG-89	N																
P411589	SB	REAL	BH66401890003	23-AUG-89	N																
P411589	SB	REAL	BH66401890309	23-AUG-89	N																
P411589	SB	REAL	BH66401890405	23-AUG-89	N																
P411589	SB	REAL	BH66401890506	23-AUG-89	N																
P411589	SB	REAL	BH66401890608	23-AUG-89	N																
P411589	SB	REAL	BH66401890810	23-AUG-89	N																
P411589	SB	REAL	BH66401890915	23-AUG-89	N																
P411589	SB	REAL	BH66401891012	23-AUG-89	N																
P411589	SB	REAL	BH66401891214	23-AUG-89	N																
P411589	SB	REAL	BH66401891416	23-AUG-89	N																
P411589	SB	REAL	BH66401891521	23-AUG-89	N																
P411589	SB	REAL	BH66401891618	23-AUG-89	N																
P411589	SB	REAL	BH66401891820	23-AUG-89	N																
P411589	SB	REAL	BH66401892022	23-AUG-89	N																
P411589	SB	REAL	BH66401892224	23-AUG-89	N																
P411589	SB	REAL	BH66401892225	23-AUG-89	N																
P411589	SB	REAL	BH66401892425	23-AUG-89	N																
P412489	SB	REAL	BH66410890000	28-AUG-89	N																
P412489	SB	REAL	BH66410890001	28-AUG-89	N																
P412489	SB	REAL	BH66410890003	28-AUG-89	N																
P412489	SB	REAL	BH66410890103	28-AUG-89	N																
P412489	SB	REAL	BH66410890305	28-AUG-89	N																
P412489	SB	REAL	BH66410890309	28-AUG-89	N																
P412489	SB	REAL	BH66410890507	28-AUG-89	N																
P412489	SB	REAL	BH66410890709	28-AUG-89	N																
P412489	SB	REAL	BH66410890911	28-AUG-89	N																
P412489	SB	REAL	BH66410890915	28-AUG-89	N																
P412489	SB	REAL	BH66410891517	28-AUG-89	N																
P412489	SB	REAL	BH66410891521	28-AUG-89	N																
P412489	SB	REAL	BH66410891719	28-AUG-89	N																
P412489	SB	REAL	BH66410891921	28-AUG-89	N																
P412489	SB	REAL	BH66410892123	28-AUG-89	N																
P412489	SB	REAL	BH66410892126	28-AUG-89	N																
P412489	SB	REAL	BH66410892325	28-AUG-89	N																
P412489	SB	REAL	BH66410892526	28-AUG-89	N																
P412489	SB	REAL	BH66410892629	28-AUG-89	N																
P412489	SB	REAL	BH66410892729	28-AUG-89	N																
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.13								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	16.7	PCI/G	3.4		3.0								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	43.1	PCI/G	5.5		5.3								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.009	PCI/G	0.009		0.								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.2		0.								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.3	PCI/G	0.3		0.3								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.49	PCI/G	0.33		0.								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	TRITIUM	80	PCI/L	270		440								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.12	PCI/G	0.33		0								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.07		0								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.82	PCI/G	0.29		0.12								
P415989	SB	DUP	PZ54891012D	07-SEP-89	N																
P415989	SB	REAL	PZ54890002	07-SEP-89	N																
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	CESIUM-137	0.05	PCI/G	0.06		0.10								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	19.8	PCI/G	3.4		2.1								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.6	PCI/G	5.1		5.3								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.012	PCI/G	0.007		0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.1		0.								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.2	PCI/G	0.2		0.2								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.44	PCI/G	0.35		0.								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	TRITIUM	50	PCI/L	290		470								
P415989	SB	REAL	[illegible]4890003	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.85	PCI/G	0.27		0.09								
P415989	SB	REAL	[illegible]4890003	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.02	PCI/G	0.07		0.09								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.85	PCI/G	0.27		0.09								
P415989	SB	REAL	PZ54890204	07-SEP-89	N																
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.12								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	17.2	PCI/G	3.4		3.0								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	37.5	PCI/G	5.3		5.6								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.013	PCI/G	0.008		0								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.2		0.								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.0	PCI/G	0.4		0.3								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.50	PCI/G	0.36		0.								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	TRITIUM	-110	PCI/L	300		500								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.91	PCI/G	0.33		0								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.18	PCI/G	0.15		0								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.88	PCI/G	0.33		0								
P415989	SB	REAL	PZ54890406	07-SEP-89	N																
P415989	SB	REAL	PZ54890708	07-SEP-89	N																
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	CESIUM-137	0.10	PCI/G	0.07		0.10								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	21.2	PCI/G	3.6		2.6								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	42.4	PCI/G	5.4		5.3								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.014	PCI/G	0.009		0								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.1		0.								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.0	PCI/G	0.2		0.4								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.38	PCI/G	0.41		0.								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	TRITIUM	90	PCI/L	270		440								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.01	PCI/G	0.33		0								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.11	PCI/G	0.11		0								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.76	PCI/G	0.29		0								
P415989	SB	REAL	PZ54890810	07-SEP-89	N																
P415989	SB	REAL	PZ54891012	07-SEP-89	N																
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	CESIUM-137	0.03	PCI/G	0.06		0.10								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	16.5	PCI/G	3.2		2.3								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	42.2	PCI/G	5.6		5.8								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.002	PCI/G	0.009		0.								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.1		0.								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	RADIUM-228	0.8	PCI/G	0.2		0.4								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.43	PCI/G	0.35		0.								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	TRITIUM	50	PCI/L	270		440								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.78	PCI/G	0.28		0								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.10	PCI/G	0.10		0								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.83	PCI/G	0.29		0								
P415989	SB	REAL	PZ54891214	07-SEP-89	N																
P415989	SB	REAL	PZ54891416	07-SEP-89	N																
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	CESIUM-137	0.11	PCI/G	0.07		0.10								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	10.1	PCI/G	2.6		2.1								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	32.0	PCI/G	5.1		5.6								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.008	PCI/G	0.006		0								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.1		0.								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	RADIUM-228	0.9	PCI/G	0.2		0.3								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.82	PCI/G	0.42		0.								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	TRITIUM	230	PCI/L	270		440								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.72	PCI/G	0.29		0								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.06	PCI/G	0.12		0.13								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.86	PCI/G	0.33		0.13								
P415989	SB	REAL	PZ54891618	08-SEP-89	N																
P415989	SB	REAL	PZ54891820	08-SEP-89	N																
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.10								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.4	PCI/G	3.2		2.9								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	33.4	PCI/G	5.1		5.6								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.015	PCI/G	0.010		0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	RADIUM-226	1.6	PCI/G	0.3		0.								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.8	PCI/G	0.5		0.4								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.21	PCI/G	0.35		0.								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	TRITIUM	-10	PCI/L	260		440								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.97	PCI/G	0.31		0								

Appendix A part II
Data from Draft
(Different data and dates to that of Part I)

118/601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
>415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.11		0.17								
>415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.51	PCI/G	0.31		0.34								
>415989	SB	REAL	PZ54892022	08-SEP-89	N																
>415989	SB	REAL	PZ54892224	08-SEP-89	N																
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	CESIUM-137	0.03	PCI/G	0.17		0.12								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	18.0	PCI/G	3.4		2.7								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	40.6	PCI/G	5.4		5.4								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.014	PCI/G	0.008		0								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.7	PCI/G	0.3		0.								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.1	PCI/G	0.5		0.3								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.42	PCI/G	0.34		0.								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	TRITIUM	70	PCI/L	270		440								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.97	PCI/G	0.32		0								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.08	PCI/G	0.11		0.12								
>415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.97	PCI/G	0.32		0.12								
>415989	SB	REAL	PZ54892426	08-SEP-89	N																
>415989	SB	REAL	PZ54892628	08-SEP-89	N																
>415989	SB	REAL	PZ54892830	08-SEP-89	N																
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	CESIUM-137	0.02	PCI/G	0.05		0.10								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	12.2	PCI/G	3.2		3.3								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	37.9	PCI/G	5.3		5.5								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.019	PCI/G	0.012		0								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.1		0.								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	RADIUM-228	0.9	PCI/G	0.2		0.2								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.35	PCI/G	0.31		0.								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	TRITIUM	10	PCI/L	270		440								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.54	PCI/G	0.23		0								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.02	PCI/G	0.05		0								
>415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.56	PCI/G	0.24		0								
>415989	SB	REAL	PZ54893032	08-SEP-89	N																
>415989	SB	REAL	PZ54893435	08-SEP-89	N																
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	CESIUM-137	-0.04	PCI/G	0.07		0.20								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	7.3	PCI/G	2.6		2.9								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	30.7	PCI/G	5.2		6.0								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.008	PCI/G	0.008		0.								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	RADIUM-226	0.4	PCI/G	0.1		0.								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.1	PCI/G	0.2		0.4								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.56	PCI/G	0.34		0.								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	TRITIUM	460	PCI/L	280		440								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.81	PCI/G	0.32		0.14								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.06		0								
>415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.63	PCI/G	0.29		0.14								
>415989	SB	REAL	PZ54893537	08-SEP-89	N																
>415989	SB	REAL	PZ54893839	08-SEP-89	N																
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	CESIUM-137	0	PCI/G			0.12								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	13.4	PCI/G	2.9		2.1								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	19.8	PCI/G	4.4		5.3								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.012	PCI/G	0.010		0								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	RADIUM-226	1.1	PCI/G	0.3		0.								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	RADIUM-228	1.0	PCI/G	0.6		0.4								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.38	PCI/G	0.33		0.								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	TRITIUM	-110	PCI/L	280		470								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.74	PCI/G	0.27		0								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	URANIUM-235	0.02	PCI/G	0.05		0								
>415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFRA	URANIUM-238	0.69	PCI/G	0.26		0								
>415989	SB	REAL	PZ54894041	08-SEP-89	N																
>415989	SB	REAL	PZ54894142	08-SEP-89	N																
>416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	CESIUM-137	-0.03	PCI/G	0.05		0.13								
>416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.1	PCI/G	3.2		2.9								
>416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	34.7	PCI/G	5.3		5.9								
>416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.018	PCI/G	0.010		0								
>416889	SB	DUP	PZ [illegible] 2023D	19-SEP-89	N	TRG	RFRA	RADIUM-226	1.4	PCI/G	0.2		0.								
>416889	SB	DUP	PZ [illegible] 2023D	19-SEP-89	N	TRG	RFRA	RADIUM-228	0.8	PCI/G	0.3		0.6								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.59	PCI/G	0.46		0.								
P416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	TRITIUM	-120	PCI/L	270		450								
P416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.46	PCI/G	0.51		0								
P416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.09		0								
P416889	SB	DUP	PZ63892023D	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.96	PCI/G	0.42		0								
P416889	SB	DUP	PZ63892123D	19-SEP-89	N																
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	CESIUM-137	0.16	PCI/G	0.11		0.09								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	18.1	PCI/G	3.6		3.1								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	42.2	PCI/G	5.8		6.4								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.137	PCI/G	0.032		0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.1		0.								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	RADIUM-228	0.8	PCI/G	0.2		0.3								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	1.18	PCI/G	0.46		0.								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	TRITIUM	-80	PCI/L	290		480								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.95	PCI/G	0.33		0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.06	PCI/G	0.12		0.13								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFRA	URANIUM-238	1.01	PCI/G	0.35		0.13								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	CESIUM-137	-0.04	PCI/G	0.04		0.11								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.8	PCI/G	3.1		2.4								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	36.0	PCI/G	5.5		6.1								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.005	PCI/G	0.013		0.								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	RADIUM-226	0.5	PCI/G	0.1		0.								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.2		0.3								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.37	PCI/G	0.39		0.								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	TRITIUM	-80	PCI/L	310		510								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.62	PCI/G	0.33		0								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.04	PCI/G	0.15		0.21								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.31	PCI/G	0.27		0.21								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	CESIUM-137	-0.03	PCI/G	0.04		0.11								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	14.4	PCI/G	3.2		3.0								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	32.1	PCI/G	5.3		6.2								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.002	PCI/G	0.012		0.								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	RADIUM-226	0.6	PCI/G	0.1		0.								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.2		0.3								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	-0.11	PCI/G	0.38		0.								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	TRITIUM	120	PCI/L	280		450								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.44	PCI/G	0.22		0								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.03	PCI/G	0.05		0								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.66	PCI/G	0.28		0.13								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	CESIUM-137	0.03	PCI/G	0.04		0.08								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	16.8	PCI/G	3.5		3.3								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	28.8	PCI/G	5.0		5.8								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	-0.002	PCI/G	0.016		0.								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	RADIUM-226	0.9	PCI/G	0.1		0.								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	RADIUM-228	0.5	PCI/G	0.3		0.5								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.72	PCI/G	0.44		0.								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	TRITIUM	-10	PCI/L	270		450								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.61	PCI/G	0.29		0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.13	PCI/G	0.13		0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.34	PCI/G	0.34		0								
P416889	SB	REAL	PZ63890911	19-SEP-89	N																
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	CESIUM-137	0.01	PCI/G	0.04		0.09								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	15.1	PCI/G	3.3		3.0								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	30.9	PCI/G	5.1		5.8								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.053	PCI/G	0.022		0								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.1		0.								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	RADIUM-228	1.6	PCI/G	0.3		0.5								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.09	PCI/G	0.41		0.								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	TRITIUM	-10	PCI/L	290		480								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.74	PCI/G	0.49		0								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.08	PCI/G	0.16		0								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.58	PCI/G	0.43		0								
P416889	SB	REAL	PZ63891112	19-SEP-89	N																

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	CESIUM-137	0.02	PCI/G	0.05		0.11								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	11.7	PCI/G	2.7		2.0								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	32.0	PCI/G	4.9		5.1								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.023	PCI/G	0.012		0								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	RADIUM-226	1.9	PCI/G	0.2		0.								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	RADIUM-228	2.0	PCI/G	0.3		0.4								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.44	PCI/G	0.41		0.								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	TRITIUM	260	PCI/L	280		450								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.08	PCI/G	0.44		0.19								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.12	PCI/G	0.14		0								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.75	PCI/G	0.37		0.19								
P416889	SB	REAL	PZ63891517	19-SEP-89	N																
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	CESIUM-137	0.03	PCI/G	0.05		0.10								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	16.9	PCI/G	3.3		2.5								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	41.0	PCI/G	5.9		6.5								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.001	PCI/G	0.008		0.								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	RADIUM-226	0.8	PCI/G	0.2		0.								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	RADIUM-228	1.3	PCI/G	0.3		0.5								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	0.84	PCI/G	0.54		0.								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	TRITIUM	130	PCI/L	370		600								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	0.70	PCI/G	0.30		0.14								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.06	PCI/G	0.12		0.14								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.82	PCI/G	0.33		0.14								
P416889	SB	REAL	PZ63891719	19-SEP-89	N																
P416889	SB	REAL	PZ63891921	19-SEP-89	N																
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	CESIUM-137	0.01	PCI/G	0.05		0.11								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	17.3	PCI/G	3.7		3.7								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	35.7	PCI/G	5.5		6.3								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	PLUTONIUM-239/240	0.011	PCI/G	0.009		0								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	RADIUM-226	1.4	PCI/G	0.2		0.								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	RADIUM-228	1.5	PCI/G	0.3		0.5								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	STRONTIUM-89,90	1.33	PCI/G	0.54		0.								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	TRITIUM	380	PCI/L	310		480								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	URANIUM-233,-234	1.13	PCI/G	0.45		0								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	URANIUM-235	0.05	PCI/G	0.16		0.21								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFRA	URANIUM-238	0.99	PCI/G	0.44		0.21								
P416889	SB	REAL	PZ63892123	19-SEP-89	N																

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43890002	28-SEP-89	N																
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	ALUMINUM	7130	MG/KG		/	33.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	ANTIMONY	4.1	MG/KG		B	10.2								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	ARSENIC	4.7	MG/KG		/	3.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	BARIUM	51.2	MG/KG		/	33.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	BERYLLIUM	0.71	MG/KG		B	0.85								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	CADMIUM	0.51	MG/KG		U	0.85								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	CALCIUM	2290	MG/KG		/	846								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	CESIUM	423	UG/G		U	423								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	CHROMIUM	12.6	MG/KG		/	1.7								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	COBALT	4.0	MG/KG		B	8.5								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	COPPER	13.1	MG/KG		/	4.2								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	IRON	10200	MG/KG		/	16.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	LEAD	8.0	MG/KG		/	1.2								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	LITHIUM	16.9	UG/G		U	16.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	MAGNESIUM	1470	MG/KG		/	846								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	MANGANESE	141	MG/KG		/	2.5								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	MOLYBDENUM	16.9	UG/G		U	16.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	NICKEL	8.0	MG/KG		/	6.8								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	POTASSIUM	1010	MG/KG		/	846								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	SELENIUM	0.39	MG/KG		U	0.98								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	SILVER	0.51	MG/KG		U	1.7								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	SODIUM	113	MG/KG		B	846								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	STRONTIUM	16.9	UG/G		U	16.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	THALLIUM	0.78	MG/KG		U	2.0								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	TIN	27.8	UG/G		/	16.9								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	VANADIUM	25.4	MG/KG		/	8.5								
P114789	SB	REAL	PZ43890003	28-SEP-89	N	TRG	RFME	ZINC	31.7	MG/KG		/	3.4								
P114789	SB	REAL	PZ43890204	28-SEP-89	N																
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	ALUMINUM	9730	MG/KG		/	37.4								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	ANTIMONY	11.2	MG/KG		U	11.2								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	ARSENIC	3.9	MG/KG		U	3.9								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	BARIUM	75.3	MG/KG		/	37.4								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		/	0.94								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	CADMIUM	0.94	MG/KG		U	0.94								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	CALCIUM	3290	MG/KG		/	935								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	CESIUM	468	MG/KG		U	468								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	CHROMIUM	13.0	MG/KG		/	1.9								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	COBALT	9.5	MG/KG		/	9.4								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	COPPER	17.0	MG/KG		/	4.7								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	IRON	15600	MG/KG		/	18.7								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	LEAD	4.1	MG/KG		/	0.59								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	LITHIUM	18.7	MG/KG		U	18.7								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	MAGNESIUM	2320	MG/KG		/	935								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	MANGANESE	199	MG/KG		/	2.8								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	MOLYBDENUM	18.7	MG/KG		U	18.7								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	NICKEL	20.8	MG/KG		/	7.5								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	POTASSIUM	988	MG/KG		/	935								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	SELENIUM	0.99	MG/KG		U	0.99								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	SODIUM	935	MG/KG		U	935								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	STRONTIUM	22.0	MG/KG		/	18.7								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	TIN	37.5	MG/KG		/	18.7								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	VANADIUM	38.9	MG/KG		/	9.4								
P114789	SB	REAL	PZ43890307	28-SEP-89	N	TRG	RFME	ZINC	24.0	MG/KG		/	3.7								
P114789	SB	REAL	PZ43890406	28-SEP-89	N																
P114789	SB	REAL	PZ43890608	28-SEP-89	N																
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	ALUMINUM	4330	MG/KG		/	39.0								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	ANTIMONY	4.3	MG/KG		U	11.7								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	ARSENIC	0.84	MG/KG		B	2.3								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDEF
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	BARIUM	57.7	MG/KG		/	39.0								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	BERYLLIUM	0.74	MG/KG		B	0.97								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	CADMIUM	0.58	MG/KG		U	0.97								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	CALCIUM	2090	MG/KG		/	974								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	CESIUM	487	UG/G		U	487								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	CHROMIUM	7.6	MG/KG		/	1.9								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	COBALT	10.7	MG/KG		/	9.7								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	COPPER	10.8	MG/KG		/	4.9								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	IRON	8480	MG/KG		/	19.5								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	LEAD	1.5	MG/KG		/	0.70								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	LITHIUM	19.5	UG/G		U	19.5								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	MAGNESIUM	1260	MG/KG		/	974								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	MANGANESE	268	MG/KG		/	2.9								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	MOLYBDENUM	19.5	UG/G		U	19.5								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	NICKEL	14.9	MG/KG		/	7.8								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	POTASSIUM	141	MG/KG		U	974								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	SELENIUM	0.47	MG/KG		U	1.2								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	SILVER	0.58	MG/KG		U	1.9								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	SODIUM	83.8	MG/KG		B	974								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	STRONTIUM	19.5	UG/G		U	19.5								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	THALLIUM	0.93	MG/KG		U	2.3								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	TIN	25.4	UG/G		/	19.5								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	VANADIUM	27.2	MG/KG		/	9.7								
P114789	SB	REAL	PZ43890711	28-SEP-89	N	TRG	RFME	ZINC	18.3	MG/KG		/	3.9								
P114789	SB	REAL	PZ43890810	28-SEP-89	N																
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	ALUMINUM	2480	MG/KG		/	38.7								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	ANTIMONY	11.6	MG/KG		U	11.6								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	ARSENIC	3.0	MG/KG		U	3.0								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	BARIUM	38.7	MG/KG		U	38.7								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	BERYLLIUM	0.97	MG/KG		U	0.97								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	CADMIUM	0.97	MG/KG		U	0.97								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	CALCIUM	1160	MG/KG		/	966								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	CESIUM	483	MG/KG		U	483								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	CHROMIUM	4.7	MG/KG		/	1.9								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	COBALT	9.7	MG/KG		U	9.7								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	COPPER	7.1	MG/KG		/	4.8								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	IRON	4380	MG/KG		/	19.3								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	LEAD	2.9	MG/KG		/	0.90								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	LITHIUM	19.3	MG/KG		U	19.3								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	MAGNESIUM	966	MG/KG		U	966								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	MANGANESE	44.3	MG/KG		/	2.9								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	MERCURY	0.10	MG/KG		U	0.10								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	MOLYBDENUM	19.3	MG/KG		U	19.3								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	NICKEL	7.7	MG/KG		U	7.7								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	POTASSIUM	966	MG/KG		U	966								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	SELENIUM	0.75	MG/KG		U	0.75								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	SODIUM	966	MG/KG		U	966								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	STRONTIUM	19.3	MG/KG		U	19.3								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	THALLIUM	1.5	MG/KG		U	1.5								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	TIN	19.3	MG/KG		U	19.3								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	VANADIUM	14.4	MG/KG		/	9.7								
P114789	SB	REAL	PZ43891115	28-SEP-89	N	TRG	RFME	ZINC	11.6	MG/KG		/	3.9								
P114789	SB	REAL	PZ43891214	28-SEP-89	N																
P114789	SB	REAL	PZ43891416	28-SEP-89	N																
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	ALUMINUM	4180	MG/KG		/	39.4								
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	ANTIMONY	11.8	MG/KG		U	11.8								
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	ARSENIC	1.8	MG/KG		U	1.8								
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	BARIUM	86.4	MG/KG		/	39.4								
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	BERYLLIUM	0.98	MG/KG		U	0.98								
P114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	CADMIUM	0.98	MG/KG		U	0.98								
P114789	SB	REAL	891519	28-SEP-89	N	TRG	RFME	CALCIUM	1560	MG/KG		/	984								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	CESIUM	492	MG/KG		U	492								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	CHROMIUM	8.3	MG/KG		/	2.0								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	COBALT	9.8	MG/KG		U	9.8								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	COPPER	12.2	MG/KG		/	4.9								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	IRON	8130	MG/KG		/	19.7								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	LEAD	3.6	MG/KG		/	1.1								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	LITHIUM	19.7	MG/KG		U	19.7								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	MAGNESIUM	1870	MG/KG		/	984								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	MANGANESE	358	MG/KG		/	3.0								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	MOLYBDENUM	19.7	MG/KG		U	19.7								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	NICKEL	16.3	MG/KG		/	7.9								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	POTASSIUM	984	MG/KG		U	984								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	SELENIUM	0.91	MG/KG		U	0.91								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	SODIUM	984	MG/KG		U	984								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	STRONTIUM	19.7	MG/KG		U	19.7								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	TIN	23.6	MG/KG		/	19.7								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	VANADIUM	23.3	MG/KG		/	9.8								
>114789	SB	REAL	PZ43891519	28-SEP-89	N	TRG	RFME	ZINC	23.9	MG/KG		/	3.9								
>114789	SB	REAL	PZ43891618	28-SEP-89	N																
>114789	SB	REAL	PZ43891820	28-SEP-89	N																
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	ALUMINUM	5480	MG/KG			40.6								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	ANTIMONY	12.2	MG/KG		U	12.2								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	ARSENIC	4.8	MG/KG		U	4.8								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	BARIUM	63.1	MG/KG			40.6								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	CALCIUM	2140	MG/KG			1010								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	CESIUM	507	MG/KG		U	507								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	CHROMIUM	6.6	MG/KG			2.0								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	COBALT	10.1	MG/KG		U	10.1								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	COPPER	11.5	MG/KG			5.1								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	IRON	9080	MG/KG			20.3								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	LEAD	11.1	MG/KG			1.5								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	LITHIUM	20.3	MG/KG		U	20.3								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	MAGNESIUM	1990	MG/KG			1010								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	MANGANESE	190	MG/KG			3.0								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	MOLYBDENUM	20.3	MG/KG		U	20.3								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	NICKEL	12.6	MG/KG			8.1								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	POTASSIUM	1010	MG/KG		U	1010								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	SODIUM	1010	MG/KG		U	1010								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	STRONTIUM	20.3	MG/KG		U	20.3								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	TIN	23.4	MG/KG			20.3								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	VANADIUM	18.3	MG/KG			10.1								
>114789	SB	REAL	PZ43891922	28-SEP-89	N	TRG	RFME	ZINC	25.8	MG/KG			4.1								
>114789	SB	REAL	PZ43892022	28-SEP-89	N																
>114789	SB	REAL	PZ43892224	28-SEP-89	N																
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	ALUMINUM	4600	MG/KG		/	34.3								
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	ANTIMONY	10.3	MG/KG		U	10.3								
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	ARSENIC	2.3	MG/KG		U	2.3								
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	BARIUM	69.5	MG/KG		/	34.3								
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	BERYLLIUM	0.86	MG/KG		U	0.86								
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	CADMIUM	0.86	MG/KG		U	0.86								
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	CALCIUM	3120	MG/KG		/	856								
>114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	CESIUM	428	MG/KG		U	428								
>114789	SB	REAL	PZ[illegible]2226	28-SEP-89	N	TRG	RFME	CHROMIUM	8.7	MG/KG		/	1.7								
>114789	SB	REAL	PZ 2226	28-SEP-89	N	TRG	RFME	COBALT	8.6	MG/KG		U	8.6								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	COPPER	13.1	MG/KG		/	4.3								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	IRON	9320	MG/KG		/	17.1								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	LEAD	8.6	MG/KG		/	1.4								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	LITHIUM	17.1	MG/KG		U	17.1								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	MAGNESIUM	1710	MG/KG		/	856								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	MANGANESE	177	MG/KG		/	2.6								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	MERCURY	0.13	MG/KG		U	0.13								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	MOLYBDENUM	17.1	MG/KG		U	17.1								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	NICKEL	13.7	MG/KG		/	6.9								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	POTASSIUM	856	MG/KG		U	856								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	SILVER	1.7	MG/KG		U	1.7								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	SODIUM	856	MG/KG		U	856								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	STRONTIUM	20.6	MG/KG		/	17.1								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	THALLIUM	2.3	MG/KG		U	2.3								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	TIN	27.1	MG/KG		/	17.1								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	VANADIUM	19.6	MG/KG		/	8.6								
P114789	SB	REAL	PZ43892226	28-SEP-89	N	TRG	RFME	ZINC	34.6	MG/KG		/	3.4								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	ALUMINUM	5980	MG/KG		/	48.5								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	ANTIMONY	14.5	MG/KG		U	14.5								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	ARSENIC	2.1	MG/KG		U	2.1								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	BARIUM	116	MG/KG		/	48.5								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	CALCIUM	5560	MG/KG		/	1210								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	CESIUM	606	MG/KG		U	606								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	CHROMIUM	9.1	MG/KG		/	2.4								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	COBALT	12.1	MG/KG		U	12.1								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	COPPER	39.4	MG/KG		/	6.1								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	IRON	24500	MG/KG		/	24.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	LEAD	11.7	MG/KG		/	1.3								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	LITHIUM	24.2	MG/KG		U	24.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	MAGNESIUM	2390	MG/KG		/	1210								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	MANGANESE	209	MG/KG		/	3.6								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	MERCURY	0.13	MG/KG		U	0.13								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	MOLYBDENUM	24.2	MG/KG		U	24.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	NICKEL	28.1	MG/KG		/	9.7								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	POTASSIUM	1210	MG/KG		U	1210								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	SILVER	2.4	MG/KG		U	2.4								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	SODIUM	1210	MG/KG		U	1210								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	STRONTIUM	49.2	MG/KG		/	24.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	TIN	41.4	MG/KG		/	24.2								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	VANADIUM	41.4	MG/KG		/	12.1								
P114789	SB	REAL	PZ43892631	28-SEP-89	N	TRG	RFME	ZINC	108	MG/KG		/	4.8								
P114789	SB	REAL	PZ43892728	28-SEP-89	N																
P114789	SB	REAL	PZ43892829	28-SEP-89	N																
P114789	SB	REAL	PZ43893031	28-SEP-89	N																
P114889	SB	DUP	PZ44890911D	22-SEP-89	N																
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	ALUMINUM	9510	MG/KG			41.9								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	ANTIMONY	12.6	MG/KG		U	12.6								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	ARSENIC	2.3	MG/KG		U	2.3								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	BARIUM	41.9	MG/KG		U	41.9								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	CALCIUM	1750	MG/KG			1050								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	CESIUM	210	MG/KG		U	210								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	CHROMIUM	8.8	MG/KG			2.1								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	COBALT	10.5	MG/KG		U	10.5								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	COPPER	5.2	MG/KG		U	5.2								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	IRON	7840	MG/KG			21.0								
P114889	SB	DUP	PZ44890913D	22-SEP-89	N	TRG	RFME	LEAD	2.5	MG/KG			1.2								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	LITHIUM	21.0	MG/KG		U	21.0								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	MAGNESIUM	1600	MG/KG			1050								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	MANGANESE	37.7	MG/KG			3.1								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	MOLYBDENUM	21.0	MG/KG		U	21.0								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	NICKEL	8.4	MG/KG		U	8.4								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	POTASSIUM	1050	MG/KG		U	1050								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	SODIUM	1050	MG/KG		U	1050								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	STRONTIUM	210	MG/KG		U	210								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	THALLIUM	2.3	MG/KG		U	2.3								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	TIN	21.0	MG/KG		U	21.0								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	VANADIUM	12.7	MG/KG			10.5								
P114889	SB	DUP	PZ448909130	22-SEP-89	N	TRG	RFME	ZINC	21.0	MG/KG			4.2								
P114889	SB	REAL	PZ44890002	22-SEP-89	N																
P114889	SB	REAL	PZ448900030	22-SEP-89	N	TRG	RFME	ALUMINUM	17500	MG/KG			45.2								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	ANTIMONY	15.8	MG/KG			13.6								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	ARSENIC	2.3	MG/KG		U	2.3								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	BARIUM	63.5	MG/KG			45.2								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG			1.1								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	CALCIUM	3820	MG/KG			1130								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	CESIUM	226	MG/KG		U	226								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	CHROMIUM	11.7	MG/KG			2.3								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	COBALT	11.3	MG/KG		U	11.3								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	COPPER	14.4	MG/KG			5.6								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	IRON	15200	MG/KG			22.6								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	LEAD	3.9	MG/KG			1.1								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	LITHIUM	22.6	MG/KG		U	22.6								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	MAGNESIUM	2800	MG/KG			1130								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	MANGANESE	187	MG/KG			3.4								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	MOLYBDENUM	22.6	MG/KG		U	22.6								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	NICKEL	9.0	MG/KG		U	9.0								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	POTASSIUM	1460	MG/KG			1130								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	SILVER	2.3	MG/KG		U	2.3								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	SODIUM	1130	MG/KG		U	1130								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	STRONTIUM	226	MG/KG		U	226								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	THALLIUM	2.3	MG/KG		U	2.3								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	TIN	22.6	MG/KG		U	22.6								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	VANADIUM	26.9	MG/KG			11.3								
P114889	SB	REAL	PZ44890003	22-SEP-89	N	TRG	RFME	ZINC	50.2	MG/KG			4.5								
P114889	SB	REAL	PZ44890204	22-SEP-89	N																
P114889	SB	REAL	PZ448903060	22-SEP-89	N	TRG	RFME	ALUMINUM	6380	MG/KG			41.9								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	ANTIMONY	12.6	MG/KG		U	12.6								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	ARSENIC	1.9	MG/KG		U	1.9								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	BARIUM	41.9	MG/KG		U	41.9								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	CALCIUM	1100	MG/KG			1050								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	CESIUM	209	MG/KG		U	209								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	CHROMIUM	7.5	MG/KG			2.1								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	COBALT	10.5	MG/KG		U	10.5								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	COPPER	5.2	MG/KG		U	5.2								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	IRON	4680	MG/KG			20.9								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	LEAD	2.9	MG/KG			0.96								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	LITHIUM	20.9	MG/KG		U	20.9								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	MAGNESIUM	1050	MG/KG		U	1050								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	MANGANESE	39.3	MG/KG			3.1								
P114889	SB	REAL	PZ[illegible]90306	22-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P114889	SB	REAL	P.[illegible]0306	22-SEP-89	N	TRG	RFME	MOLYBDENUM	20.9	MG/KG		U	20.9								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	NICKEL	8.4	MG/KG		U	8.4								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	POTASSIUM	1050	MG/KG		U	1050								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	SELENIUM	0.96	MG/KG		U	0.96								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	SODIUM	1050	MG/KG		U	1050								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	STRONTIUM	209	MG/KG		U	209								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	TIN	20.9	MG/KG		U	20.9								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	VANADIUM	10.5	MG/KG		U	10.5								
P114889	SB	REAL	PZ44890306	22-SEP-89	N	TRG	RFME	ZINC	31.8	MG/KG			4.2								
P114889	SB	REAL	PZ44890506	22-SEP-89	N																
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	ALUMINUM	9890	MG/KG			43.6								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	ANTIMONY	22.0	MG/KG			13.1								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	ARSENIC	9.8	MG/KG			2.2								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	BARIUM	43.6	MG/KG		U	43.6								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	CALCIUM	1440	MG/KG			1090								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	CESIUM	218	MG/KG		U	218								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	CHROMIUM	9.8	MG/KG			2.2								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	COBALT	10.9	MG/KG		U	10.9								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	COPPER	11.3	MG/KG			5.4								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	IRON	15200	MG/KG			21.8								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	LEAD	9.1	MG/KG			2.2								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	LITHIUM	21.8	MG/KG		U	21.8								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	MAGNESIUM	1540	MG/KG			1090								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	MANGANESE	76.1	MG/KG			3.3								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	MOLYBDENUM	21.8	MG/KG		U	21.8								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	NICKEL	9.7	MG/KG			8.7								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	POTASSIUM	1090	MG/KG			1090								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	SILVER	3.3	MG/KG			2.2								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	SODIUM	1090	MG/KG		U	1090								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	STRONTIUM	218	MG/KG		U	218								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	THALLIUM	2.2	MG/KG		U	2.2								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	TIN	21.8	MG/KG		U	21.8								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	VANADIUM	41.4	MG/KG			10.9								
P114889	SB	REAL	PZ44890608	22-SEP-89	N	TRG	RFME	ZINC	19.4	MG/KG			4.4								
P114889	SB	REAL	PZ44890911	22-SEP-89	N																
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	ALUMINUM	13600	MG/KG			45.1								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	ANTIMONY	13.9	MG/KG			13.5								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	ARSENIC	5.1	MG/KG			2.0								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	BARIUM	46.8	MG/KG			45.1								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	CALCIUM	2320	MG/KG			1130								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	CESIUM	226	MG/KG		U	226								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	CHROMIUM	10.2	MG/KG			2.3								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	COBALT	11.3	MG/KG		U	11.3								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	COPPER	7.0	MG/KG			5.6								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	IRON	12900	MG/KG			22.6								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	LEAD	6.9	MG/KG			2.0								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	LITHIUM	22.6	MG/KG		U	22.6								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	MAGNESIUM	2210	MG/KG			1130								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	MANGANESE	69.6	MG/KG			3.4								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	MOLYBDENUM	22.6	MG/KG		U	22.6								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	NICKEL	10.1	MG/KG			9.0								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	POTASSIUM	1190	MG/KG			1130								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	SELENIUM	0.99	MG/KG		U	0.99								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	SILVER	2.3	MG/KG		U	2.3								
P114889	SB	REAL	890913	22-SEP-89	N	TRG	RFME	SODIUM	1130	MG/KG		U	1130								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDEI
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	STRONTIUM	226	MG/KG		U	226								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	TIN	22.6	MG/KG		U	22.6								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	VANADIUM	24.9	MG/KG			11.3								
P114889	SB	REAL	PZ44890913	22-SEP-89	N	TRG	RFME	ZINC	25.4	MG/KG			4.5								
P114889	SB	REAL	PZ44891214	22-SEP-89	N																
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	ALUMINUM	17100	MG/KG			45.0								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	ANTIMONY	20.8	MG/KG			13.5								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	ARSENIC	8.9	MG/KG			2.4								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	BARIUM	79.5	MG/KG			45.0								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG			1.1								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	CALCIUM	4460	MG/KG			1120								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	CESIUM	225	MG/KG		U	225								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	CHROMIUM	17.0	MG/KG			2.2								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	COBALT	11.2	MG/KG		U	11.2								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	COPPER	16.3	MG/KG			5.6								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	IRON	21400	MG/KG			22.5								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	LEAD	9.7	MG/KG			2.4								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	LITHIUM	22.5	MG/KG		U	22.5								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	MAGNESIUM	4270	MG/KG			1120								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	MANGANESE	87.9	MG/KG			3.4								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	MOLYBDENUM	22.5	MG/KG		U	22.5								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	NICKEL	16.6	MG/KG			9.0								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	POTASSIUM	2190	MG/KG			1120								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	SILVER	2.2	MG/KG		U	2.2								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	SODIUM	1120	MG/KG		U	1120								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	STRONTIUM	225	MG/KG		U	225								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	TIN	22.5	MG/KG		U	22.5								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	VANADIUM	49.6	MG/KG			11.2								
P114889	SB	REAL	PZ44891318	22-SEP-89	N	TRG	RFME	ZINC	54.9	MG/KG			4.5								
P114889	SB	REAL	PZ44891416	22-SEP-89	N																
P114889	SB	REAL	PZ44891618	22-SEP-89	N																
P115489	SB	REAL	PZ49890002	20-SEP-89	N																
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	ALUMINUM	17100	MG/KG			38.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	ANTIMONY	11.7	MG/KG		U	11.7								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	ARSENIC	2.0	MG/KG			1.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	BARIUM	89.2	MG/KG			38.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	BERYLLIUM	2.0	MG/KG			0.97								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	CADMIUM	0.97	MG/KG		U	0.97								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	CALCIUM	3110	MG/KG			972								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	CESIUM	486	MG/KG		U	486								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	CHROMIUM	17.5	MG/KG			1.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	COBALT	9.7	MG/KG		U	9.7								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	COPPER	14.0	MG/KG			4.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	IRON	17900	MG/KG			19.4								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	LEAD	2.0	MG/KG			1.1								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	LITHIUM	19.4	MG/KG		U	19.4								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	MAGNESIUM	1320	MG/KG			972								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	MANGANESE	86.5	MG/KG			2.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	MOLYBDENUM	19.4	MG/KG		U	19.4								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	NICKEL	16.7	MG/KG			7.8								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	POTASSIUM	972	MG/KG		U	972								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	SELENIUM	0.94	MG/KG		U	0.94								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	SODIUM	972	MG/KG		U	972								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	STRONTIUM	19.4	MG/KG		U	19.4								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	TIN	47.9	MG/KG			19.4								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	VANADIUM	52.2	MG/KG			9.7								
P115489	SB	REAL	PZ49890003	20-SEP-89	N	TRG	RFME	ZINC	21.6	MG/KG			3.9								
P115489	SB	REAL	PZ49890204	20-SEP-89	N																
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	ALUMINUM	10600	MG/KG			41.9								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	ANTIMONY	12.6	MG/KG		U	12.6								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	ARSENIC	2.2	MG/KG		U	2.2								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	BARIUM	56.9	MG/KG			41.9								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	BERYLLIUM	1.8	MG/KG			1.0								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	CALCIUM	23000	MG/KG			1050								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	CESIUM	524	MG/KG		U	524								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	CHROMIUM	9.5	MG/KG			2.1								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	COBALT	10.5	MG/KG		U	10.5								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	COPPER	28.1	MG/KG			5.2								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	IRON	26700	MG/KG			21.0								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	LEAD	1.6	MG/KG			1.3								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	LITHIUM	21.0	MG/KG		U	21.0								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	MAGNESIUM	2140	MG/KG			1050								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	MANGANESE	48.5	MG/KG			3.1								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	MOLYBDENUM	21.0	MG/KG		U	21.0								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	NICKEL	16.9	MG/KG			8.4								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	POTASSIUM	1050	MG/KG		U	1050								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	SODIUM	1050	MG/KG		U	1050								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	STRONTIUM	24.2	MG/KG			21.0								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	THALLIUM	2.2	MG/KG		U	2.2								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	TIN	42.0	MG/KG			21.0								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	VANADIUM	77.2	MG/KG			10.5								
P115489	SB	REAL	PZ49890306	20-SEP-89	N	TRG	RFME	ZINC	22.2	MG/KG			4.2								
P115489	SB	REAL	PZ49890406	20-SEP-89	N																
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	ALUMINUM	5980	MG/KG			35.3								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	ANTIMONY	10.6	MG/KG		U	10.6								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	ARSENIC	2.5	MG/KG			1.9								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	BARIUM	44.8	MG/KG			35.3								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	BERYLLIUM	0.88	MG/KG		U	0.88								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	CADMIUM	0.88	MG/KG		U	0.88								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	CALCIUM	43800	MG/KG			882								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	CESIUM	441	MG/KG		U	441								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	CHROMIUM	5.4	MG/KG			1.8								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	COBALT	8.8	MG/KG		U	8.8								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	COPPER	6.6	MG/KG			4.4								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	IRON	6290	MG/KG			17.6								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	LEAD	4.0	MG/KG			2.3								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	LITHIUM	17.6	MG/KG		U	17.6								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	MAGNESIUM	2000	MG/KG			882								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	MANGANESE	56.3	MG/KG			2.6								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	MOLYBDENUM	17.6	MG/KG		U	17.6								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	NICKEL	7.1	MG/KG		U	7.1								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	POTASSIUM	882	MG/KG		U	882								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	SELENIUM	0.94	MG/KG		U	0.94								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	SODIUM	882	MG/KG		U	882								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	STRONTIUM	29.6	MG/KG			17.6								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	TIN	21.9	MG/KG			17.6								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	VANADIUM	10.2	MG/KG			8.8								
P115489	SB	REAL	PZ49890608	20-SEP-89	N	TRG	RFME	ZINC	14.3	MG/KG			3.5								
P115489	SB	REAL	PZ49890810	20-SEP-89	N																
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	ALUMINUM	5230	MG/KG			33.5								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	ANTIMONY	10.0	MG/KG		U	10.0								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	ARSENIC	3.6	MG/KG			2.0								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	BARIUM	41.2	MG/KG			33.5								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	BERYLLIUM	0.84	MG/KG		U	0.84								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	CADMIUM	0.84	MG/KG		U	0.84								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	CALCIUM	2390	MG/KG			838								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	CESIUM	419	MG/KG		U	419								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	CHROMIUM	12.4	MG/KG			1.7								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	COBALT	8.4	MG/KG		U	8.4								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	COPPER	13.8	MG/KG			4.2								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	IRON	10300	MG/KG			16.8								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	LEAD	3.3	MG/KG			1.2								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	LITHIUM	16.8	MG/KG		U	16.8								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	MAGNESIUM	1180	MG/KG			838								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	MANGANESE	106	MG/KG			2.5								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	MOLYBDENUM	16.8	MG/KG		U	16.8								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	NICKEL	8.5	MG/KG			6.7								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	POTASSIUM	873	MG/KG			838								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	SELENIUM	1.0	MG/KG		U	1.0								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	SILVER	1.7	MG/KG		U	1.7								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	SODIUM	838	MG/KG		U	838								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	STRONTIUM	16.8	MG/KG		U	16.8								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	TIN	26.0	MG/KG			16.8								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	VANADIUM	29.9	MG/KG			8.4								
P115489	SB	REAL	PZ49890812	20-SEP-89	N	TRG	RFME	ZINC	12.8	MG/KG			3.4								
P115489	SB	REAL	PZ49891012	20-SEP-89	N																
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	ALUMINUM	6210	MG/KG			40.6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	ANTIMONY	12.2	MG/KG		U	12.2								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	ARSENIC	1.5	MG/KG		U	1.5								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	BARIUM	66.3	MG/KG			40.6								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	BERYLLIUM	1.4	MG/KG			1.0								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	CALCIUM	2620	MG/KG			1020								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	CESIUM	508	MG/KG		U	508								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	CHROMIUM	8.0	MG/KG			2.0								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	COBALT	10.2	MG/KG		U	10.2								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	COPPER	11.9	MG/KG			5.1								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	IRON	11400	MG/KG			20.3								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	LEAD	2.1	MG/KG			1.8								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	LITHIUM	20.3	MG/KG		U	20.3								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	MAGNESIUM	2060	MG/KG			1020								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	MANGANESE	172	MG/KG			3.0								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	MOLYBDENUM	20.3	MG/KG		U	20.3								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	NICKEL	13.8	MG/KG			8.1								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	POTASSIUM	1020	MG/KG		U	1020								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	SELENIUM	0.74	MG/KG		U	0.74								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	SODIUM	1020	MG/KG		U	1020								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	STRONTIUM	20.3	MG/KG		U	20.3								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	THALLIUM	1.5	MG/KG		U	1.5								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	TIN	28.8	MG/KG			20.3								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	VANADIUM	35.1	MG/KG			10.2								
P115489	SB	REAL	PZ49891214	20-SEP-89	N	TRG	RFME	ZINC	16.8	MG/KG			4.1								
P115489	SB	REAL	PZ49891416	20-SEP-89	N																
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	ALUMINUM	7810	MG/KG			44.3								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	ANTIMONY	13.3	MG/KG		U	13.3								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	ARSENIC	6.7	MG/KG			2.1								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	BARIUM	86.7	MG/KG			44.3								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG			1.1								
P115489	SB	REAL	P 91418	20-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P115489	SB	REAL	P. .91418	20-SEP-89	N	TRG	RFME	CALCIUM	4400	MG/KG			1110								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	CESIUM	554	MG/KG		U	554								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	CHROMIUM	12.6	MG/KG			2.2								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	COBALT	11.1	MG/KG		U	11.1								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	COPPER	22.4	MG/KG			5.5								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	IRON	15500	MG/KG			22.2								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	LEAD	16.5	MG/KG			3.1								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	LITHIUM	22.2	MG/KG		U	22.2								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	MAGNESIUM	2830	MG/KG			1110								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	MANGANESE	215	MG/KG			3.3								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	MOLYBDENUM	22.2	MG/KG		U	22.2								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	NICKEL	20.5	MG/KG			8.9								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	POTASSIUM	1380	MG/KG			1110								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	SELENIUM	1.0	MG/KG		U	1.0								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	SILVER	2.2	MG/KG		U	2.2								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	SODIUM	1110	MG/KG		U	1110								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	STRONTIUM	24.2	MG/KG			22.2								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	TIN	35.8	MG/KG			22.2								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	VANADIUM	42.3	MG/KG			11.1								
P115489	SB	REAL	PZ49891418	20-SEP-89	N	TRG	RFME	ZINC	40.2	MG/KG			4.4								
P115489	SB	REAL	PZ49891618	20-SEP-89	N																
P115489	SB	REAL	PZ49891820	20-SEP-89	N																
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	ALUMINUM	7930	MG/KG			32.6								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	ANTIMONY	9.8	MG/KG		U	9.8								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	ARSENIC	7.1	MG/KG			2.3								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	BARIUM	73.8	MG/KG			32.6								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	BERYLLIUM	0.82	MG/KG			0.82								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	CADMIUM	0.82	MG/KG		U	0.82								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	CALCIUM	4390	MG/KG			816								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	CESIUM	408	MG/KG		U	408								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	CHROMIUM	12.0	MG/KG			1.6								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	COBALT	12.4	MG/KG			8.2								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	COPPER	16.8	MG/KG			4.1								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	IRON	10500	MG/KG			16.3								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	LEAD	9.6	MG/KG			1.4								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	LITHIUM	16.3	MG/KG		U	16.3								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	MAGNESIUM	3010	MG/KG			816								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	MANGANESE	179	MG/KG			2.4								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	MOLYBDENUM	16.3	MG/KG		U	16.3								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	NICKEL	15.2	MG/KG			6.5								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	POTASSIUM	1530	MG/KG			816								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	SILVER	1.6	MG/KG		U	1.6								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	SODIUM	816	MG/KG		U	816								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	STRONTIUM	23.6	MG/KG			16.3								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	THALLIUM	2.3	MG/KG		U	2.3								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	TIN	27.4	MG/KG			16.3								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	VANADIUM	23.3	MG/KG			8.2								
P115489	SB	REAL	PZ49891822	20-SEP-89	N	TRG	RFME	ZINC	34.8	MG/KG			3.3								
P115489	SB	REAL	PZ49892022	20-SEP-89	N																
P115489	SB	REAL	PZ49892224	20-SEP-89	N																
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	ALUMINUM	5220	MG/KG			32.9								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	ANTIMONY	9.9	MG/KG		U	9.9								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	ARSENIC	1.9	MG/KG		U	1.9								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	BARIUM	52.7	MG/KG			32.9								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	BERYLLIUM	0.82	MG/KG		U	0.82								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	CADMIUM	0.82	MG/KG		U	0.82								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	CALCIUM	3660	MG/KG			822								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	CESIUM	411	MG/KG		U	411								
P115489	SB	REAL	[illegible]9892226	20-SEP-89	N	TRG	RFME	CHROMIUM	7.9	MG/KG			1.6								
P115489	SB	REAL	[illegible]892226	20-SEP-89	N	TRG	RFME	COBALT	8.2	MG/KG		U	8.2								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	COPPER	16.0	MG/KG			4.1								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	IRON	9950	MG/KG			16.4								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	LEAD	6.2	MG/KG			2.2								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	LITHIUM	16.4	MG/KG		U	16.4								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	MAGNESIUM	1560	MG/KG			822								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	MANGANESE	63.5	MG/KG			2.5								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	MOLYBDENUM	16.4	MG/KG		U	16.4								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	NICKEL	9.2	MG/KG			6.6								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	POTASSIUM	822	MG/KG		U	822								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	SELENIUM	0.93	MG/KG		U	0.93								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	SILVER	1.6	MG/KG		U	1.6								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	SODIUM	822	MG/KG		U	822								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	STRONTIUM	22.3	MG/KG			16.4								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	TIN	22.9	MG/KG			16.4								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	VANADIUM	27.9	MG/KG			8.2								
P115489	SB	REAL	PZ49892226	20-SEP-89	N	TRG	RFME	ZINC	27.5	MG/KG			3.3								
P115489	SB	REAL	PZ49892426	20-SEP-89	N																
P115489	SB	REAL	PZ49892628	20-SEP-89	N																
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	ALUMINUM	4280	MG/KG			39.1								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	ANTIMONY	11.7	MG/KG		U	11.7								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	ARSENIC	5.9	MG/KG			3.4								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	BARIUM	93.2	MG/KG			39.1								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	BERYLLIUM	0.98	MG/KG		U	0.98								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	CADMIUM	0.98	MG/KG		U	0.98								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	CALCIUM	5600	MG/KG			978								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	CESIUM	489	MG/KG		U	489								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	CHROMIUM	6.0	MG/KG			2.0								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	COBALT	9.8	MG/KG		U	9.8								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	COPPER	9.9	MG/KG			4.9								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	IRON	7270	MG/KG			19.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	LEAD	19.3	MG/KG			2.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	LITHIUM	19.6	MG/KG		U	19.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	MAGNESIUM	1780	MG/KG			978								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	MANGANESE	202	MG/KG			2.9								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	MOLYBDENUM	19.6	MG/KG		U	19.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	NICKEL	9.9	MG/KG			7.8								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	POTASSIUM	978	MG/KG		U	978								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	SELENIUM	1.7	MG/KG		U	1.7								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	SODIUM	978	MG/KG		U	978								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	STRONTIUM	38.6	MG/KG			19.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	THALLIUM	1.7	MG/KG		U	1.7								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	TIN	22.5	MG/KG			19.6								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	VANADIUM	14.5	MG/KG			9.8								
P115489	SB	REAL	PZ49892631	20-SEP-89	N	TRG	RFME	ZINC	29.2	MG/KG			3.9								
P115489	SB	REAL	PZ49893031	20-SEP-89	N																
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	ALUMINUM	5620	MG/KG			41.8								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	ANTIMONY	12.5	MG/KG		U	12.5								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	ARSENIC	4.1	MG/KG		U	4.1								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	BARIUM	53.2	MG/KG			41.8								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	CALCIUM	1050	MG/KG		U	1050								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	CESIUM	523	MG/KG		U	523								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	CHROMIUM	10.4	MG/KG			2.1								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	COBALT	10.5	MG/KG		U	10.5								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	COPPER	9.4	MG/KG			5.2								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	IRON	5550	MG/KG			20.9								
P115589	SB	DUP	PZ 8903060	03-OCT-89	N	TRG	RFME	LEAD	5.1	MG/KG			1.2								
P115589	SB	DUP	P 8903060	03-OCT-89	N	TRG	RFME	LITHIUM	20.9	MG/KG		U	20.9								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	MAGNESIUM	1050	MG/KG		U	1050								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	MANGANESE	39.4	MG/KG			3.1								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG			0.11								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	MOLYBDENUM	20.9	MG/KG		U	20.9								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	NICKEL	8.4	MG/KG		U	8.4								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	POTASSIUM	1050	MG/KG		U	1050								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	SELENIUM	1.0	MG/KG		U	1.0								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	SODIUM	1050	MG/KG		U	1050								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	STRONTIUM	20.9	MG/KG		U	20.9								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	TIN	24.1	MG/KG			20.9								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	VANADIUM	16.0	MG/KG			10.5								
P115589	SB	DUP	PZ508903060	03-OCT-89	N	TRG	RFME	ZINC	12.4	MG/KG			4.2								
P115589	SB	DUP	PZ508904060	03-OCT-89	N																
P115589	SB	REAL	PZ50890002	03-OCT-89	N																
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	ALUMINUM	4020	MG/KG			42.3								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	ANTIMONY	12.7	MG/KG		U	12.7								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	ARSENIC	4.8	MG/KG			3.7								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	BARIUM	52.7	MG/KG			42.3								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	CADMIUM	0.74	MG/KG		U	1.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	CALCIUM	1540	MG/KG			1060								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	CESIUM	528	MG/KG		U	528								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	CHROMIUM	10.6	MG/KG			2.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	COBALT	10.6	MG/KG		U	10.6								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	COPPER	9.8	MG/KG			5.3								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	IRON	5300	MG/KG			21.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	LEAD	12.1	MG/KG			1.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	LITHIUM	21.1	MG/KG		U	21.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	MAGNESIUM	1060	MG/KG		U	1060								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	MANGANESE	94.7	MG/KG			3.2								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	MOLYBDENUM	21.1	MG/KG		U	21.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	NICKEL	8.5	MG/KG		U	8.5								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	POTASSIUM	1060	MG/KG		U	1060								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	SELENIUM	0.92	MG/KG		U	0.92								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	SODIUM	1060	MG/KG		U	1060								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	STRONTIUM	21.1	MG/KG		U	21.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	TIN	21.1	MG/KG		U	21.1								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	VANADIUM	17.8	MG/KG			10.6								
P115589	SB	REAL	PZ50890003	03-OCT-89	N	TRG	RFME	ZINC	20.9	MG/KG			4.2								
P115589	SB	REAL	PZ50890204	03-OCT-89	N																
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	ALUMINUM	4250	MG/KG			38.3								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	ANTIMONY	11.5	MG/KG		U	11.5								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	ARSENIC	1.9	MG/KG		U	1.9								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	BARIUM	46.9	MG/KG			38.3								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	BERYLLIUM	0.96	MG/KG		U	0.96								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	CADMIUM	0.96	MG/KG		U	0.96								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	CALCIUM	957	MG/KG		U	957								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	CESIUM	478	MG/KG		U	478								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	CHROMIUM	10.0	MG/KG			1.9								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	COBALT	9.6	MG/KG		U	9.6								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	COPPER	6.3	MG/KG			4.8								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	IRON	4170	MG/KG			19.1								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	LEAD	4.0	MG/KG			1.2								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	LITHIUM	19.1	MG/KG		U	19.1								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	MAGNESIUM	957	MG/KG		U	957								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	MANGANESE	43.7	MG/KG			2.9								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	MERCURY	0.14	MG/KG			0.11								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	MOLYBDENUM	19.1	MG/KG		U	19.1								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	NICKEL	7.7	MG/KG		U	7.7								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	POTASSIUM	957	MG/KG		U	957								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	SELENIUM	0.97	MG/KG		U	0.97								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	SODIUM	957	MG/KG		U	957								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	STRONTIUM	19.1	MG/KG		U	19.1								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	TIN	19.1	MG/KG		U	19.1								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	VANADIUM	12.1	MG/KG			9.6								
P115589	SB	REAL	PZ50890306	03-OCT-89	N	TRG	RFME	ZINC	6.9	MG/KG			3.8								
P115589	SB	REAL	PZ50890406	03-OCT-89	N																
P115589	SB	REAL	PZ50890608	03-OCT-89	N																
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	ALUMINUM	4310	MG/KG			43.2								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	ANTIMONY	13.0	MG/KG		U	13.0								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	ARSENIC	1.7	MG/KG		U	1.7								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	BARIUM	52.4	MG/KG			43.2								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	CALCIUM	2000	MG/KG			1080								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	CESIUM	540	MG/KG		U	540								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	CHROMIUM	7.2	MG/KG			2.2								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	COBALT	10.8	MG/KG		U	10.8								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	COPPER	6.2	MG/KG			5.4								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	IRON	5120	MG/KG			21.6								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	LEAD	3.9	MG/KG			1.0								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	LITHIUM	21.6	MG/KG		U	21.6								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	MAGNESIUM	1080	MG/KG		U	1080								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	MANGANESE	167	MG/KG			3.2								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	MOLYBDENUM	21.6	MG/KG		U	21.6								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	NICKEL	8.6	MG/KG		U	8.6								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	POTASSIUM	1080	MG/KG		U	1080								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	SELENIUM	0.85	MG/KG		U	0.85								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	SILVER	2.2	MG/KG		U	2.2								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	SODIUM	1080	MG/KG		U	1080								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	STRONTIUM	21.6	MG/KG		U	21.6								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	THALLIUM	1.7	MG/KG		U	1.7								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	TIN	23.4	MG/KG			21.6								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	VANADIUM	16.6	MG/KG			10.8								
P115589	SB	REAL	PZ50890609	03-OCT-89	N	TRG	RFME	ZINC	15.1	MG/KG			4.3								
P115589	SB	REAL	PZ50890810	03-OCT-89	N																
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	ALUMINUM	5060	MG/KG			35.1								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	ANTIMONY	10.5	MG/KG		U	10.5								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	ARSENIC	1.8	MG/KG		U	1.8								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	BARIUM	49.2	MG/KG			35.1								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	BERYLLIUM	0.88	MG/KG		U	0.88								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	CADMIUM	0.88	MG/KG		U	0.88								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	CALCIUM	2330	MG/KG			877								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	CESIUM	438	MG/KG		U	438								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	CHROMIUM	4.7	MG/KG			1.8								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	COBALT	8.8	MG/KG		U	8.8								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	COPPER	9.1	MG/KG			4.4								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	IRON	7520	MG/KG			17.5								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	LEAD	4.4	MG/KG			1.1								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	LITHIUM	17.5	MG/KG		U	17.5								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	MAGNESIUM	1360	MG/KG			877								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	MANGANESE	169	MG/KG			2.6								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	MERCURY	0.10	MG/KG		U	0.10								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	MOLYBDENUM	17.5	MG/KG		U	17.5								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	NICKEL	7.0	MG/KG		U	7.0								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	POTASSIUM	1010	MG/KG			877								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	SELENIUM	0.92	MG/KG		U	0.92								
P115589	SB	REAL	0890912	03-OCT-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	SODIUM	877	MG/KG		U	877								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	STRONTIUM	17.5	MG/KG		U	17.5								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	TIN	23.1	MG/KG			17.5								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	VANADIUM	24.2	MG/KG			8.8								
P115589	SB	REAL	PZ50890912	03-OCT-89	N	TRG	RFME	ZINC	14.3	MG/KG			3.5								
P115589	SB	REAL	PZ50891012	03-OCT-89	N																
P115589	SB	REAL	PZ50891214	03-OCT-89	N																
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	ALUMINUM	3230	MG/KG			36.5								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	ANTIMONY	11.0	MG/KG		U	11.0								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	ARSENIC	2.0	MG/KG		U	2.0								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	BARIUM	36.5	MG/KG		U	36.5								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	BERYLLIUM	0.91	MG/KG		U	0.91								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	CADMIUM	0.91	MG/KG		U	0.91								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	CALCIUM	1540	MG/KG			914								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	CESIUM	457	MG/KG		U	457								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	CHROMIUM	4.9	MG/KG			1.8								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	COBALT	9.1	MG/KG		U	9.1								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	COPPER	6.7	MG/KG			4.6								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	IRON	3530	MG/KG			18.3								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	LEAD	3.1	MG/KG			1.2								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	LITHIUM	18.3	MG/KG		U	18.3								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	MAGNESIUM	914	MG/KG		U	914								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	MANGANESE	56.9	MG/KG			2.7								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	MOLYBDENUM	18.3	MG/KG		U	18.3								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	NICKEL	7.3	MG/KG		U	7.3								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	POTASSIUM	914	MG/KG		U	914								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	SELENIUM	0.99	MG/KG		U	0.99								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	SODIUM	914	MG/KG		U	914								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	STRONTIUM	18.3	MG/KG		U	18.3								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	TIN	18.7	MG/KG			18.3								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	VANADIUM	11.5	MG/KG			9.1								
P115589	SB	REAL	PZ50891216	03-OCT-89	N	TRG	RFME	ZINC	10.5	MG/KG			3.7								
P115589	SB	REAL	PZ50891416	03-OCT-89	N																
P115589	SB	REAL	PZ50891618	03-OCT-89	N																
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	ALUMINUM	6520	MG/KG			47.1								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	ANTIMONY	14.1	MG/KG		U	14.1								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	ARSENIC	4.5	MG/KG		U	4.5								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	BARIUM	113	MG/KG			47.1								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	CALCIUM	3850	MG/KG			1180								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	CESIUM	588	MG/KG		U	588								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	CHROMIUM	8.5	MG/KG			2.4								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	COBALT	12.0	MG/KG			11.8								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	COPPER	20.2	MG/KG			5.9								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	IRON	10600	MG/KG			23.5								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	LEAD	5.2	MG/KG			1.3								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	LITHIUM	23.5	MG/KG		U	23.5								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	MAGNESIUM	2460	MG/KG			1180								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	MANGANESE	364	MG/KG			3.5								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	MOLYBDENUM	23.5	MG/KG		U	23.5								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	NICKEL	15.5	MG/KG			9.4								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	POTASSIUM	1720	MG/KG			1180								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	SILVER	2.4	MG/KG		U	2.4								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	SODIUM	1180	MG/KG		U	1180								
P115589	SB	REAL	0891620	03-OCT-89	N	TRG	RFME	STRONTIUM	23.5	MG/KG		U	23.5								
P115589	SB	REAL	.0891620	03-OCT-89	N	TRG	RFME	THALLIUM	2.2	MG/KG		U	2.2								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	TIN	34.5	MG/KG			23.5								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	VANADIUM	32.8	MG/KG			11.8								
P115589	SB	REAL	PZ50891620	03-OCT-89	N	TRG	RFME	ZINC	37.0	MG/KG			4.7								
P115589	SB	REAL	PZ50891820	03-OCT-89	N																
P115589	SB	REAL	PZ50892022	03-OCT-89	N																
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	ALUMINUM	4250	MG/KG			39.7								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	ANTIMONY	11.9	MG/KG		U	11.9								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	ARSENIC	4.4	MG/KG		U	4.4								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	BARIUM	39.7	MG/KG		U	39.7								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	BERYLLIUM	0.99	MG/KG		U	0.99								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	CADMIUM	0.99	MG/KG		U	0.99								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	CALCIUM	2370	MG/KG			992								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	CESIUM	496	MG/KG		U	496								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	CHROMIUM	5.8	MG/KG			2.0								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	COBALT	9.9	MG/KG		U	9.9								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	COPPER	18.2	MG/KG			5.0								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	IRON	9860	MG/KG			19.8								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	LEAD	8.3	MG/KG			1.3								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	LITHIUM	19.8	MG/KG		U	19.8								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	MAGNESIUM	1170	MG/KG			992								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	MANGANESE	65.0	MG/KG			3.0								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	MOLYBDENUM	19.8	MG/KG		U	19.8								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	NICKEL	10.3	MG/KG			7.9								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	POTASSIUM	992	MG/KG		U	992								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	SODIUM	992	MG/KG		U	992								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	STRONTIUM	19.8	MG/KG		U	19.8								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	THALLIUM	2.2	MG/KG		U	2.2								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	TIN	25.8	MG/KG			19.8								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	VANADIUM	33.4	MG/KG			9.9								
P115589	SB	REAL	PZ50892024	03-OCT-89	N	TRG	RFME	ZINC	23.0	MG/KG			4.0								
P115589	SB	REAL	PZ50892224	03-OCT-89	N																
P115589	SB	REAL	PZ50892426	03-OCT-89	N																
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	ALUMINUM	4450	MG/KG			39.4								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	ANTIMONY	11.8	MG/KG		U	11.8								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	ARSENIC	4.2	MG/KG		U	4.2								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	BARIUM	42.5	MG/KG			39.4								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	BERYLLIUM	0.99	MG/KG		U	0.99								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	CADMIUM	0.99	MG/KG		U	0.99								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	CALCIUM	4170	MG/KG			986								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	CESIUM	493	MG/KG		U	493								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	CHROMIUM	4.0	MG/KG			2.0								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	COBALT	9.9	MG/KG		U	9.9								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	COPPER	21.1	MG/KG			4.9								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	IRON	12900	MG/KG			19.7								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	LEAD	10.0	MG/KG			2.5								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	LITHIUM	19.7	MG/KG		U	19.7								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	MAGNESIUM	1440	MG/KG			986								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	MANGANESE	51.0	MG/KG			3.0								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	MOLYBDENUM	19.7	MG/KG		U	19.7								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	NICKEL	15.1	MG/KG			7.9								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	POTASSIUM	986	MG/KG		U	986								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	SODIUM	986	MG/KG		U	986								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	STRONTIUM	28.3	MG/KG			19.7								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P115589	SB	REAL	PZ50892428	03-OCT-89	N	TRG	RFME	TIN	27.7	MG/KG			19.7								
P115589	SB	REAL	1892428	03-OCT-89	N	TRG	RFME	VANADIUM	40.8	MG/KG			9.9								
P115589	SB	REAL	)892428	03-OCT-89	N	TRG	RFME	ZINC	47.6	MG/KG			3.9								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P115589	SB	REAL	PZ50892628	03-OCT-89	N																
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	ALUMINUM	11900	MG/KG			49.0								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	ANTIMONY	24.2	MG/KG			14.7								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	ARSENIC	6.4	MG/KG			2.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	BARIUM	71.4	MG/KG			49.0								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	BERYLLIUM	2.0	MG/KG			1.2								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	CADMIUM	27.4	MG/KG			1.2								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	CALCIUM	7800	MG/KG			1230								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	CESIUM	245	MG/KG		U	245								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	CHROMIUM	12.6	MG/KG			2.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	COBALT	12.3	MG/KG		U	12.3								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	COPPER	14.0	MG/KG			6.1								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	IRON	13500	MG/KG			24.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	LEAD	15.5	MG/KG			3.7								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	LITHIUM	24.5	MG/KG		U	24.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	MAGNESIUM	2800	MG/KG			1230								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	MANGANESE	179	MG/KG			3.7								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	MERCURY	1.1	UG/L			0.20								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	MOLYBDENUM	24.5	MG/KG		U	24.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	NICKEL	14.4	MG/KG			9.8								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	POTASSIUM	1250	MG/KG			1230								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	SILVER	2.5	MG/KG		U	2.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	SODIUM	1230	MG/KG		U	1230								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	STRONTIUM	245	MG/KG		U	245								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	THALLIUM	2.5	MG/KG		U	2.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	TIN	24.5	MG/KG		U	24.5								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	VANADIUM	36.1	MG/KG			12.3								
P213689	SB	DUP	PZ10890712D	16-OCT-89	N	TRG	RFME	ZINC	157	MG/KG			4.9								
P213689	SB	DUP	PZ10890810D	16-OCT-89	N																
P213689	SB	REAL	PZ10890002	16-OCT-89	N																
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	ALUMINUM	9090	MG/KG			44.9								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	ANTIMONY	17.9	MG/KG			13.5								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	ARSENIC	3.3	MG/KG			2.3								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	BARIUM	46.9	MG/KG			44.9								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	CALCIUM	3050	MG/KG			1120								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	CESIUM	224	MG/KG		U	224								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	CHROMIUM	9.8	MG/KG			2.2								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	COBALT	11.2	MG/KG		U	11.2								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	COPPER	17.5	MG/KG			5.6								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	IRON	10800	MG/KG			22.4								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	LEAD	9.9	MG/KG			2.3								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	LITHIUM	22.4	MG/KG		U	22.4								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	MAGNESIUM	2460	MG/KG			1120								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	MANGANESE	169	MG/KG			3.4								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	MOLYBDENUM	22.4	MG/KG		U	22.4								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	NICKEL	9.0	MG/KG		U	9.0								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	POTASSIUM	1130	MG/KG			1120								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	SILVER	2.2	MG/KG		U	2.2								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	SODIUM	1120	MG/KG		U	1120								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	STRONTIUM	224	MG/KG		U	224								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	THALLIUM	2.3	MG/KG		U	2.3								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	TIN	22.4	MG/KG		U	22.4								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	VANADIUM	31.3	MG/KG			11.2								
P213689	SB	REAL	PZ10890003	16-OCT-89	N	TRG	RFME	ZINC	129	MG/KG			4.5								
P213689	SB	REAL	PZ10890204	16-OCT-89	N																
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	ALUMINUM	16100	MG/KG			45.8								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	ANTIMONY	23.9	MG/KG			13.7								
P213689	SB	REAL	890307	16-OCT-89	N	TRG	RFME	ARSENIC	3.3	MG/KG			2.4								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	BARIUM	120	MG/KG			45.8								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG			1.1								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	CALCIUM	25500	MG/KG			1140								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	CESIUM	229	MG/KG		U	229								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	CHROMIUM	17.1	MG/KG			2.3								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	COBALT	11.4	MG/KG		U	11.4								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	COPPER	12.2	MG/KG			5.7								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	IRON	15600	MG/KG			22.9								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	LEAD	10.6	MG/KG			2.4								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	LITHIUM	22.9	MG/KG		U	22.9								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	MAGNESIUM	3400	MG/KG			1140								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	MANGANESE	214	MG/KG			3.4								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	MOLYBDENUM	22.9	MG/KG		U	22.9								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	NICKEL	14.0	MG/KG			9.2								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	POTASSIUM	1560	MG/KG			1140								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	SILVER	2.3	MG/KG		U	2.3								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	SODIUM	1140	MG/KG		U	1140								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	STRONTIUM	229	MG/KG		U	229								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	TIN	22.9	MG/KG		U	22.9								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	VANADIUM	44.0	MG/KG			11.4								
P213689	SB	REAL	PZ10890307	16-OCT-89	N	TRG	RFME	ZINC	67.2	MG/KG			4.6								
P213689	SB	REAL	PZ10890406	16-OCT-89	N																
P213689	SB	REAL	PZ10890608	16-OCT-89	N																
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	ALUMINUM	19900	MG/KG			52.1								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	ANTIMONY	31.4	MG/KG			15.6								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	ARSENIC	7.2	MG/KG			2.6								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	BARIUM	171	MG/KG			52.1								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.3	MG/KG			1.3								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	CADMIUM	10.4	MG/KG			1.3								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	CALCIUM	30500	MG/KG			1300								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	CESIUM	260	MG/KG		U	260								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	CHROMIUM	26.5	MG/KG			2.6								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	COBALT	13.0	MG/KG		U	13.0								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	COPPER	14.9	MG/KG			6.5								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	IRON	17300	MG/KG			26.0								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	LEAD	39.3	MG/KG			6.4								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	LITHIUM	26.0	MG/KG		U	26.0								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	MAGNESIUM	3280	MG/KG			1300								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	MANGANESE	594	MG/KG			3.9								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	MERCURY	0.15	MG/KG			0.13								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	MOLYBDENUM	26.0	MG/KG		U	26.0								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	NICKEL	18.2	MG/KG			10.4								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	POTASSIUM	1790	MG/KG			1300								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	SELENIUM	1.3	MG/KG		U	1.3								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	SILVER	2.6	MG/KG		U	2.6								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	SODIUM	1300	MG/KG		U	1300								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	STRONTIUM	260	MG/KG		U	260								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	THALLIUM	2.6	MG/KG		U	2.6								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	TIN	26.0	MG/KG		U	26.0								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	VANADIUM	51.0	MG/KG			13.0								
P213689	SB	REAL	PZ10890712	16-OCT-89	N	TRG	RFME	ZINC	195	MG/KG			5.2								
P213689	SB	REAL	PZ10890810	16-OCT-89	N																
P213689	SB	REAL	PZ10891012	16-OCT-89	N																
P213689	SB	REAL	PZ10891315	16-OCT-89	N																
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	ALUMINUM	9470	MG/KG			49.9								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	ANTIMONY	22.5	MG/KG			15.0								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	ARSENIC	2.4	MG/KG		U	2.4								
P213689	SB	REAL	P 91317	16-OCT-89	N	TRG	RFME	BARIUM	49.9	MG/KG		U	49.9								
P213689	SB	REAL	P 91317	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.5	MG/KG			1.2								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	CALCIUM	5610	MG/KG			1250								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	CESIUM	250	MG/KG		U	250								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	CHROMIUM	8.3	MG/KG			2.5								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	COBALT	12.5	MG/KG		U	12.5								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	COPPER	18.8	MG/KG			6.2								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	IRON	12100	MG/KG			25.0								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	LEAD	19.5	MG/KG			3.7								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	LITHIUM	25.0	MG/KG		U	25.0								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	MAGNESIUM	2500	MG/KG			1250								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	MANGANESE	44.0	MG/KG			3.7								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	MERCURY	0.26	MG/KG			0.12								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	MOLYBDENUM	25.0	MG/KG		U	25.0								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	NICKEL	10.7	MG/KG			10								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	POTASSIUM	1250	MG/KG		U	1250								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	SILVER	2.5	MG/KG		U	2.5								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	SODIUM	1250	MG/KG		U	1250								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	STRONTIUM	250	MG/KG		U	250								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	TIN	25.0	MG/KG		U	25.0								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	VANADIUM	26.2	MG/KG			12.5								
P213689	SB	REAL	PZ10891317	16-OCT-89	N	TRG	RFME	ZINC	101	MG/KG			5.0								
P213689	SB	REAL	PZ10891517	16-OCT-89	N																
P214089	SB	REAL	PZ23890002	16-OCT-89	N																
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	ALUMINUM	10100	MG/KG			46.4								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	ANTIMONY	18.6	MG/KG			13.9								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	ARSENIC	2.4	MG/KG		U	2.4								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	BARIUM	79.5	MG/KG			46.4								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	CALCIUM	5260	MG/KG			1160								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	CESIUM	232	MG/KG		U	232								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	CHROMIUM	10.8	MG/KG			2.3								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	COBALT	11.6	MG/KG		U	11.6								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	COPPER	16.9	MG/KG			5.8								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	IRON	14600	MG/KG			23.2								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	LEAD	14.1	MG/KG			4.8								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	LITHIUM	23.2	MG/KG		U	23.2								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	MAGNESIUM	2790	MG/KG			1160								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	MANGANESE	248	MG/KG			3.5								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	MOLYBDENUM	23.2	MG/KG		U	23.2								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	NICKEL	9.3	MG/KG		U	9.3								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	POTASSIUM	1790	MG/KG			1160								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	SILVER	2.3	MG/KG		U	2.3								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	SODIUM	1160	MG/KG		U	1160								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	STRONTIUM	232	MG/KG		U	232								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	TIN	23.2	MG/KG		U	23.2								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	VANADIUM	35.4	MG/KG			11.6								
P214089	SB	REAL	PZ23890003	16-OCT-89	N	TRG	RFME	ZINC	63.9	MG/KG			4.6								
P214089	SB	REAL	PZ23890204	16-OCT-89	N																
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	ALUMINUM	14200	MG/KG			47.2								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	ANTIMONY	39.6	MG/KG			14.2								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	ARSENIC	5.2	MG/KG			2.4								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	BARIUM	101	MG/KG			47.2								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.6	MG/KG			1.2								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	CALCIUM	6920	MG/KG			1180								
P214089	SB	REAL	[illegible]23890307	16-OCT-89	N	TRG	RFME	CESIUM	236	MG/KG		U	236								
P214089	SB	REAL	[illegible]3890307	16-OCT-89	N	TRG	RFME	CHROMIUM	11.6	MG/KG			2.4								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	COBALT	11.8	MG/KG		U	11.8								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	COPPER	17.9	MG/KG			5.9								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	IRON	39300	MG/KG			23.6								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	LEAD	21.1	MG/KG			3.6								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	LITHIUM	23.6	MG/KG		U	23.6								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	MAGNESIUM	3270	MG/KG			1180								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	MANGANESE	520	MG/KG			3.5								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	MOLYBDENUM	23.6	MG/KG		U	23.6								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	NICKEL	23.7	MG/KG			9.4								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	POTASSIUM	1180	MG/KG		U	1180								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	SILVER	2.4	MG/KG		U	2.4								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	SODIUM	1180	MG/KG		U	1180								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	STRONTIUM	236	MG/KG		U	236								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	TIN	30.5	MG/KG			23.6								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	VANADIUM	53.0	MG/KG			11.8								
P214089	SB	REAL	PZ23890307	16-OCT-89	N	TRG	RFME	ZINC	173	MG/KG			4.7								
P214089	SB	REAL	PZ23890406	16-OCT-89	N																
P214089	SB	REAL	PZ23890608	16-OCT-89	N																
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	ALUMINUM	14000	MG/KG			51.1								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	ANTIMONY	16.5	MG/KG			15.3								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	ARSENIC	7.0	MG/KG			2.5								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	BARIUM	109	MG/KG			51.1								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.3	MG/KG			1.3								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	CADMIUM	1.3	MG/KG		U	1.3								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	CALCIUM	46000	MG/KG			1280								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	CESIUM	255	MG/KG		U	255								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	CHROMIUM	14.5	MG/KG			2.6								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	COBALT	12.8	MG/KG		U	12.8								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	COPPER	7.9	MG/KG			6.4								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	IRON	13500	MG/KG			25.5								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	LEAD	17.7	MG/KG			4.9								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	LITHIUM	25.5	MG/KG		U	25.5								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	MAGNESIUM	3000	MG/KG			1280								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	MANGANESE	487	MG/KG			3.8								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	MERCURY	0.13	MG/KG		U	0.13								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	MOLYBDENUM	25.5	MG/KG		U	25.5								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	NICKEL	10.2	MG/KG		U	10.2								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	POTASSIUM	1280	MG/KG		U	1280								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	SILVER	2.6	MG/KG		U	2.6								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	SODIUM	1280	MG/KG		U	1280								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	STRONTIUM	255	MG/KG		U	255								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	THALLIUM	2.5	MG/KG		U	2.5								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	TIN	25.5	MG/KG		U	25.5								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	VANADIUM	44.3	MG/KG			12.8								
P214089	SB	REAL	PZ23890709	16-OCT-89	N	TRG	RFME	ZINC	45.0	MG/KG			5.1								
P214089	SB	REAL	PZ23890810	16-OCT-89	N																
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	ALUMINUM	10800	MG/KG			48.8								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	ANTIMONY	14.7	MG/KG		U	14.7								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	ARSENIC	4.5	MG/KG			2.5								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	BARIUM	553	MG/KG			48.8								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	CALCIUM	15200	MG/KG			1220								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	CESIUM	24.4	MG/KG		U	24.4								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	CHROMIUM	10.2	MG/KG			2.4								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	COBALT	12.2	MG/KG		U	12.2								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	COPPER	11.1	MG/KG			6.1								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	IRON	6310	MG/KG			24.4								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	LEAD	17.8	MG/KG			5.0								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	LITHIUM	24.4	MG/KG		U	24.4								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	MAGNESIUM	2830	MG/KG			1220								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	MANGANESE	75.9	MG/KG			3.7								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	MOLYBDENUM	24.4	MG/KG		U	24.4								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	NICKEL	9.8	MG/KG		U	9.8								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	POTASSIUM	1220	MG/KG		U	1220								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	SILVER	2.4	MG/KG		U	2.4								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	SODIUM	1220	MG/KG		U	1220								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	STRONTIUM	244	MG/KG		U	244								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	THALLIUM	2.5	MG/KG		U	2.5								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	TIN	24.4	MG/KG		U	24.4								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	VANADIUM	23.6	MG/KG			12.2								
P214089	SB	REAL	PZ23890913	16-OCT-89	N	TRG	RFME	ZINC	64.5	MG/KG			4.9								
P214089	SB	REAL	PZ23891012	16-OCT-89	N																
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	ALUMINUM	9210	MG/KG			46.6								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	ANTIMONY	14.0	MG/KG		U	14.0								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	ARSENIC	2.4	MG/KG		U	2.4								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	BARIUM	48.3	MG/KG			46.6								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	CADMIUM	1.4	MG/KG			1.2								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	CALCIUM	8540	MG/KG			1170								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	CESIUM	233	MG/KG		U	233								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	CHROMIUM	9.6	MG/KG			2.3								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	COBALT	11.7	MG/KG		U	11.7								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	COPPER	15.2	MG/KG			5.8								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	IRON	4700	MG/KG			23.3								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	LEAD	18.0	MG/KG			3.6								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	LITHIUM	23.3	MG/KG		U	23.3								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	MAGNESIUM	2280	MG/KG			1170								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	MANGANESE	37.6	MG/KG			3.5								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	MERCURY	0.36	MG/KG			0.12								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	MOLYBDENUM	23.3	MG/KG		U	23.3								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	NICKEL	9.3	MG/KG		U	9.3								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	POTASSIUM	1170	MG/KG		U	1170								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	SILVER	2.3	MG/KG		U	2.3								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	SODIUM	1170	MG/KG		U	1170								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	STRONTIUM	233	MG/KG		U	233								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	TIN	23.3	MG/KG		U	23.3								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	VANADIUM	19.2	MG/KG			11.7								
P214089	SB	REAL	PZ23891319	16-OCT-89	N	TRG	RFME	ZINC	82.8	MG/KG			4.7								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	ALUMINUM	4670	MG/KG		/	35.6								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	ANTIMONY	10.7	MG/KG		U	10.7								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	ARSENIC	2.1	MG/KG		U	2.1								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	BARIUM	35.6	MG/KG		U	35.6								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	BERYLLIUM	0.89	MG/KG		U	0.89								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	CADMIUM	0.89	MG/KG		U	0.89								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	CALCIUM	1840	MG/KG		/	890								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	CESIUM	445	MG/KG		U	445								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	CHROMIUM	6.9	MG/KG		/	1.8								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	COBALT	8.9	MG/KG		U	8.9								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	COPPER	10.5	MG/KG		/	4.4								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	IRON	7910	MG/KG		/	17.8								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	LEAD	2.5	MG/KG		U	2.5								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	LITHIUM	17.8	MG/KG		U	17.8								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	MAGNESIUM	1720	MG/KG		/	890								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	MANGANESE	61.7	MG/KG		/	2.7								
P214689	SB	DUP	PZ428916200	27-SEP-89	N	TRG	RFME	MERCURY	0.10	MG/KG		U	0.10								
P214689	SB	DUP	`428916200	27-SEP-89	N	TRG	RFME	MOLYBDENUM	17.8	MG/KG		U	17.8								
P214689	SB	DUP	.428916200	27-SEP-89	N	TRG	RFME	NICKEL	10.9	MG/KG		/	7.1								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	POTASSIUM	890	MG/KG		U	890								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	SELENIUM	1.0	MG/KG		U	1.0								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	SODIUM	890	MG/KG		U	890								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	STRONTIUM	17.8	MG/KG		U	17.8								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	TIN	22.1	MG/KG		/	17.8								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	VANADIUM	17.3	MG/KG		/	8.9								
P214689	SB	DUP	PZ42891620D	27-SEP-89	N	TRG	RFME	ZINC	25.4	MG/KG		/	3.6								
P214689	SB	DUP	PZ42891820D	27-SEP-89	N																
P214689	SB	REAL	PZ42890002	26-SEP-89	N																
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	ALUMINUM	4710	MG/KG			34.6								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	ANTIMONY	10.4	MG/KG		U	10.4								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	ARSENIC	2.0	MG/KG			1.8								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	BARIUM	34.6	MG/KG		U	34.6								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	BERYLLIUM	0.86	MG/KG		U	0.86								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	CADMIUM	29.5	MG/KG			0.86								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	CALCIUM	1060	MG/KG			865								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	CESIUM	432	MG/KG		U	432								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	CHROMIUM	8.4	MG/KG			1.7								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	COBALT	8.6	MG/KG		U	8.6								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	COPPER	19.3	MG/KG			4.3								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	IRON	8380	MG/KG			17.3								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	LEAD	7.0	MG/KG			1.1								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	LITHIUM	17.3	MG/KG		U	17.3								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	MAGNESIUM	865	MG/KG		U	865								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	MANGANESE	93.0	MG/KG			2.6								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	MERCURY	0.10	MG/KG		U	0.10								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	MOLYBDENUM	17.3	MG/KG		U	17.3								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	NICKEL	6.9	MG/KG			6.9								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	POTASSIUM	1290	MG/KG			865								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	SELENIUM	0.90	MG/KG		U	0.90								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	SILVER	1.7	MG/KG		U	1.7								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	SODIUM	7540	MG/KG			865								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	STRONTIUM	17.3	MG/KG		U	17.3								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	TIN	30.8	MG/KG			17.3								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	VANADIUM	24.0	MG/KG			8.6								
P214689	SB	REAL	PZ42890003	26-SEP-89	N	TRG	RFME	ZINC	45.3	MG/KG			3.5								
P214689	SB	REAL	PZ42890204	26-SEP-89	N																
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	ALUMINUM	4080	MG/KG		/	44.4								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	ANTIMONY	13.3	MG/KG		U	13.3								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	ARSENIC	1.7	MG/KG		/	1.5								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	BARIUM	44.4	MG/KG		U	44.4								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	CALCIUM	1530	MG/KG		/	1110								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	CESIUM	555	MG/KG		U	555								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	CHROMIUM	5.7	MG/KG		/	2.2								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	COBALT	11.1	MG/KG		U	11.1								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	COPPER	9.6	MG/KG		/	5.6								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	IRON	4010	MG/KG		/	22.2								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	LEAD	3.9	MG/KG		/	0.92								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	LITHIUM	22.2	MG/KG		U	22.2								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	MAGNESIUM	1110	MG/KG		U	1110								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	MANGANESE	13.8	MG/KG		/	3.3								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	MERCURY	0.13	MG/KG		/	0.11								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	MOLYBDENUM	22.2	MG/KG		U	22.2								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	NICKEL	8.9	MG/KG		U	8.9								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	POTASSIUM	1680	MG/KG		/	1110								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	SELENIUM	0.76	MG/KG		U	0.76								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	SILVER	2.2	MG/KG		U	2.2								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	SODIUM	1110	MG/KG		U	1110								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	STRONTIUM	22.2	MG/KG		U	22.2								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	THALLIUM	1.5	MG/KG		U	1.5								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	TIN	36.5	MG/KG		/	22.2								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	VANADIUM	11.1	MG/KG		U	11.1								
P214689	SB	REAL	PZ42890306	26-SEP-89	N	TRG	RFME	ZINC	7.0	MG/KG		/	4.4								
P214689	SB	REAL	PZ42890406	26-SEP-89	N																
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	ALUMINUM	3760	MG/KG		/	35.0								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	ANTIMONY	10.5	MG/KG		U	10.5								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	ARSENIC	1.8	MG/KG		U	1.8								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	BARIUM	35.0	MG/KG		U	35.0								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	BERYLLIUM	0.88	MG/KG		U	0.88								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	CADMIUM	0.88	MG/KG		U	0.88								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	CALCIUM	2020	MG/KG		/	876								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	CESIUM	438	MG/KG		U	438								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	CHROMIUM	6.7	MG/KG		/	1.8								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	COBALT	8.8	MG/KG		U	8.8								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	COPPER	10.8	MG/KG		/	4.4								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	IRON	5190	MG/KG		/	17.5								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	LEAD	1.6	MG/KG		/	1.1								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	LITHIUM	17.5	MG/KG		U	17.5								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	MAGNESIUM	910	MG/KG		/	876								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	MANGANESE	27.4	MG/KG		/	2.6								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	MOLYBDENUM	17.5	MG/KG		U	17.5								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	NICKEL	7.0	MG/KG		U	7.0								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	POTASSIUM	1200	MG/KG		/	876								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	SELENIUM	0.91	MG/KG		U	0.91								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	SODIUM	876	MG/KG		U	876								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	STRONTIUM	17.5	MG/KG		U	17.5								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	TIN	34.7	MG/KG		/	17.5								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	VANADIUM	13.5	MG/KG		/	8.8								
P214689	SB	REAL	PZ42890608	26-SEP-89	N	TRG	RFME	ZINC	10.9	MG/KG		/	3.5								
P214689	SB	REAL	PZ42890810	27-SEP-89	N																
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	ALUMINUM	5040	MG/KG		/	38.6								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	ANTIMONY	11.6	MG/KG		U	11.6								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	ARSENIC	2.2	MG/KG		U	2.2								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	BARIUM	53.6	MG/KG		/	38.6								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	BERYLLIUM	0.96	MG/KG		U	0.96								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	CADMIUM	0.96	MG/KG		U	0.96								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	CALCIUM	2600	MG/KG		/	964								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	CESIUM	482	MG/KG		U	482								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	CHROMIUM	6.2	MG/KG		/	1.9								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	COBALT	9.6	MG/KG		U	9.6								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	COPPER	14.6	MG/KG		/	4.8								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	IRON	8330	MG/KG		/	19.3								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	LEAD	2.7	MG/KG		/	1.3								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	LITHIUM	19.3	MG/KG		U	19.3								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	MAGNESIUM	1450	MG/KG		/	964								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	MANGANESE	81.8	MG/KG		/	2.9								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	MOLYBDENUM	19.3	MG/KG		U	19.3								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	NICKEL	7.7	MG/KG		/	7.7								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	POTASSIUM	2360	MG/KG		/	964								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	SODIUM	964	MG/KG		U	964								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	STRONTIUM	19.3	MG/KG		U	19.3								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	THALLIUM	2.2	MG/KG		U	2.2								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	TIN	39.4	MG/KG		/	19.3								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	VANADIUM	19.7	MG/KG		/	9.6								
P214689	SB	REAL	PZ42890812	27-SEP-89	N	TRG	RFME	ZINC	15.2	MG/KG		/	3.9								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P214689	SB	REAL	PZ42891012	27-SEP-89	N																
P214689	SB	REAL	PZ42891214	27-SEP-89	N																
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	ALUMINUM	7700	MG/KG		/	40.6								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	ANTIMONY	12.2	MG/KG		U	12.2								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	ARSENIC	2.0	MG/KG		U	2.0								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	BARIUM	57.8	MG/KG		/	40.6								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	BERYLLIUM	1.4	MG/KG		/	1.0								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	CALCIUM	3120	MG/KG		/	1010								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	CESIUM	507	MG/KG		U	507								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	CHROMIUM	10.9	MG/KG		/	2.0								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	COBALT	10.1	MG/KG		U	10.1								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	COPPER	26.8	MG/KG		/	5.1								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	IRON	15100	MG/KG		/	20.3								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	LEAD	5.0	MG/KG		/	1.2								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	LITHIUM	20.3	MG/KG		U	20.3								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	MAGNESIUM	2050	MG/KG		/	1010								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	MANGANESE	164	MG/KG		/	3.0								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	MOLYBDENUM	20.3	MG/KG		U	20.3								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	NICKEL	17.0	MG/KG		/	8.1								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	POTASSIUM	2190	MG/KG		/	1010								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	SELENIUM	0.98	MG/KG		U	0.98								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	SODIUM	1010	MG/KG		U	1010								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	STRONTIUM	20.3	MG/KG		U	20.3								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	TIN	52.7	MG/KG		/	20.3								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	VANADIUM	37.9	MG/KG		/	10.1								
P214689	SB	REAL	PZ42891216	27-SEP-89	N	TRG	RFME	ZINC	28.6	MG/KG		/	4.1								
P214689	SB	REAL	PZ42891416	27-SEP-89	N																
P214689	SB	REAL	PZ42891618	27-SEP-89	N																
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	ALUMINUM	8570	MG/KG		/	41.4								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	ANTIMONY	12.4	MG/KG		U	12.4								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	ARSENIC	2.0	MG/KG		U	2.0								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	BARIUM	74.1	MG/KG		/	41.4								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		/	1.0								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	CALCIUM	3030	MG/KG		/	1030								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	CESIUM	517	MG/KG		U	517								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	CHROMIUM	10.3	MG/KG		/	2.1								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	COBALT	10.3	MG/KG		U	10.3								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	COPPER	19.7	MG/KG		/	5.2								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	IRON	15200	MG/KG		/	20.7								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	LEAD	3.7	MG/KG		/	1.2								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	LITHIUM	20.7	MG/KG		U	20.7								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	MAGNESIUM	2260	MG/KG		/	1030								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	MANGANESE	124	MG/KG		/	3.1								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	MOLYBDENUM	20.7	MG/KG		U	20.7								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	NICKEL	16.4	MG/KG		/	8.3								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	POTASSIUM	1490	MG/KG		/	1030								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	SELENIUM	0.99	MG/KG		U	0.99								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	SODIUM	1030	MG/KG		U	1030								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	STRONTIUM	41.4	MG/KG		/	20.7								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	TIN	28.8	MG/KG		/	20.7								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	VANADIUM	37.2	MG/KG		/	10.3								
P214689	SB	REAL	PZ42891620	27-SEP-89	N	TRG	RFME	ZINC	38.9	MG/KG		/	4.1								
P214689	SB	REAL	PZ42891820	27-SEP-89	N																
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	ALUMINUM	3830	MG/KG		/	47.6								
P214689	SB	REAL	892022	27-SEP-89	N	TRG	RFME	ANTIMONY	14.3	MG/KG		U	14.3								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	ARSENIC	2.4	MG/KG		U	2.4								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	BARIUM	81.3	MG/KG		/	47.6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	CALCIUM	1860	MG/KG		/	1190								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	CESIUM	595	MG/KG		U	595								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	CHROMIUM	6.3	MG/KG		/	2.4								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	COBALT	11.9	MG/KG		U	11.9								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	COPPER	12.1	MG/KG		/	6.0								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	IRON	9960	MG/KG		/	23.8								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	LEAD	9.9	MG/KG		/	3.6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	LITHIUM	23.8	MG/KG		U	23.8								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	MAGNESIUM	1190	MG/KG		U	1190								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	MANGANESE	263	MG/KG		/	3.6								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	MERCURY	0.14	MG/KG		U	0.14								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	MOLYBDENUM	23.8	MG/KG		U	23.8								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	NICKEL	13.2	MG/KG		/	9.5								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	POTASSIUM	1190	MG/KG		U	1190								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	SILVER	2.4	MG/KG		U	2.4								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	SODIUM	1190	MG/KG		U	1190								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	STRONTIUM	23.8	MG/KG		U	23.8								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	TIN	23.8	MG/KG		U	23.8								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	VANADIUM	23.5	MG/KG		/	11.9								
P214689	SB	REAL	PZ42892022	27-SEP-89	N	TRG	RFME	ZINC	33.7	MG/KG		/	4.8								
P214689	SB	REAL	PZ42892224	27-SEP-89	N																
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	ALUMINUM	5440	MG/KG			45.7								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	ANTIMONY	13.7	MG/KG		U	13.7								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	ARSENIC	1.9	MG/KG		U	1.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	BARIUM	70.1	MG/KG			45.7								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	CALCIUM	5510	MG/KG			1140								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	CESIUM	572	MG/KG		U	572								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	CHROMIUM	8.0	MG/KG			2.3								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	COBALT	11.4	MG/KG		U	11.4								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	COPPER	19.7	MG/KG			5.7								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	IRON	16300	MG/KG			22.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	LEAD	14.0	MG/KG			2.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	LITHIUM	22.9	MG/KG		U	22.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	MAGNESIUM	1790	MG/KG			1140								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	MANGANESE	59.0	MG/KG			3.4								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	MOLYBDENUM	22.9	MG/KG		U	22.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	NICKEL	12.1	MG/KG			9.1								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	POTASSIUM	1140	MG/KG		U	1140								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	SELENIUM	0.96	MG/KG		U	0.96								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	SILVER	2.3	MG/KG		U	2.3								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	SODIUM	1140	MG/KG		U	1140								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	STRONTIUM	51.5	MG/KG			22.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	TIN	27.9	MG/KG			22.9								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	VANADIUM	19.8	MG/KG			11.4								
P214689	SB	REAL	PZ42892226	27-SEP-89	N	TRG	RFME	ZINC	58.6	MG/KG			4.6								
P214689	SB	REAL	PZ42892426	27-SEP-89	N																
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	ALUMINUM	7440	MG/KG		/	6.1								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	ANTIMONY	9.1	MG/KG		U	102								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	ARSENIC	4.5	MG/KG		/	0.44								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	BARIUM	49.3	MG/KG		/	10.2								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.41								
P313489	SB	DUP	[illegible]05891821D	11-OCT-89	N	TRG	RFME	CADMIUM	0.50	MG/KG		U	0.81								
P313489	SB	DUP	[illegible]5891821D	11-OCT-89	N	TRG	RFME	CALCIUM	2100	MG/KG		/	20.3								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	CESIUM	203	MG/KG		U	20.3								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	CHROMIUM	14.6	MG/KG		/	4.1								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	COBALT	4.7	MG/KG		B	4.1								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	COPPER	13.1	MG/KG		/	4.1								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	IRON	12300	MG/KG		/	6.1								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	LEAD	4.0	MG/KG		/	0.44								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	LITHIUM	7.9	MG/KG		B	0.41								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	MAGNESIUM	2250	MG/KG		/	40.6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	MANGANESE	106	MG/KG		/	2.0								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	MERCURY	0.10	MG/KG		U	0.098								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.2	MG/KG		U	102								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	NICKEL	14.4	MG/KG		/	4.1								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	POTASSIUM	976	MG/KG		B	40.6								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	SELENIUM	0.48	MG/KG		U	0.44								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	SILVER	0.61	MG/KG		U	6.1								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	SODIUM	67.8	MG/KG		B	10.2								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	STRONTIUM	12.8	MG/KG		B	2.0								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	THALLIUM	0.24	MG/KG		U	0.66								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	TIN	9.1	MG/KG		B	203								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	VANADIUM	21.7	MG/KG		/	2.0								
P313489	SB	DUP	PZ05891821D	11-OCT-89	N	TRG	RFME	ZINC	39.5	MG/KG		/	2.0								
P313489	SB	REAL	PZ05890002	11-OCT-89	N																
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	ALUMINUM	12300	MG/KG		/	6.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	ANTIMONY	9.1	MG/KG		U	102								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	ARSENIC	4.8	MG/KG		/	0.42								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	BARIUM	67.7	MG/KG		/	10.2								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.41								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	CADMIUM	0.50	MG/KG		U	0.82								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	CALCIUM	36100	MG/KG		/	20.4								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	CESIUM	204	MG/KG		U	20.4								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	CHROMIUM	12.3	MG/KG		/	4.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	COBALT	5.5	MG/KG		/	4.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	COPPER	9.1	MG/KG		/	4.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	IRON	10100	MG/KG		/	6.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	LEAD	27.1	MG/KG		/	2.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	LITHIUM	13.5	MG/KG		B	0.41								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	MAGNESIUM	2630	MG/KG		/	40.9								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	MANGANESE	156	MG/KG		/	2.0								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.10								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.2	MG/KG		U	102								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	NICKEL	13.0	MG/KG		/	4.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	POTASSIUM	1280	MG/KG		/	40.9								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	SELENIUM	0.46	MG/KG		U	0.42								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	SILVER	0.61	MG/KG		U	6.1								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	SODIUM	157	MG/KG		B	10.2								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	STRONTIUM	52.0	MG/KG		B	2.0								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	THALLIUM	0.23	MG/KG		U	0.63								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	TIN	14.7	MG/KG		B	204								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	VANADIUM	18.3	MG/KG		/	2.0								
P313489	SB	REAL	PZ05890003	11-OCT-89	N	TRG	RFME	ZINC	31.6	MG/KG		/	2.0								
P313489	SB	REAL	PZ05890204	11-OCT-89	N																
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	ALUMINUM	8170	MG/KG		/	6.3								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	ANTIMONY	9.4	MG/KG		U	106								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	ARSENIC	4.0	MG/KG		/	0.42								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	BARIUM	45.2	MG/KG		/	10.6								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.17	MG/KG		U	0.42								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	CADMIUM	0.51	MG/KG		B	0.84								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	CALCIUM	13300	MG/KG		/	21.1								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	CESIUM	211	MG/KG		U	21.1								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	CHROMIUM	27.4	MG/KG		/	4.2								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	COBALT	5.2	MG/KG		B	4.2								
P313489	SB	REAL	5890307	11-OCT-89	N	TRG	RFME	COPPER	9.3	MG/KG		/	4.2								
P313489	SB	REAL	5890307	11-OCT-89	N	TRG	RFME	IRON	8640	MG/KG		/	6.3								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	LEAD	3.8	MG/KG		/	0.42								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	LITHIUM	5.1	MG/KG		B	0.42								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	MAGNESIUM	1700	MG/KG		/	42.2								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	MANGANESE	127	MG/KG		/	2.1								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.3	MG/KG		U	106								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	NICKEL	10.2	MG/KG		/	4.2								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	POTASSIUM	815	MG/KG		B	42.2								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	SELENIUM	0.47	MG/KG		U	0.42								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	SILVER	0.59	MG/KG		U	6.3								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	SODIUM	115	MG/KG		B	10.6								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	STRONTIUM	18.5	MG/KG		B	2.1								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	THALLIUM	0.23	MG/KG		U	0.64								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	TIN	9.5	MG/KG		B	211								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	VANADIUM	15.0	MG/KG		/	2.1								
P313489	SB	REAL	PZ05890307	11-OCT-89	N	TRG	RFME	ZINC	15.5	MG/KG		/	2.1								
P313489	SB	REAL	PZ05890406	11-OCT-89	N																
P313489	SB	REAL	PZ05890608	11-OCT-89	N																
P313489	SB	REAL	PZ05890810	11-OCT-89	N																
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	ALUMINUM	9260	MG/KG			6.4								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	ANTIMONY	9.5	MG/KG		U	106								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	ARSENIC	5.0	MG/KG			0.45								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	BARIUM	124	MG/KG			10.6								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.42								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	CADMIUM	0.53	MG/KG		U	0.85								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	CALCIUM	5110	MG/KG			21.2								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	CESIUM	212	MG/KG		U	21.2								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	CHROMIUM	26.4	MG/KG			4.2								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	COBALT	5.0	MG/KG		B	4.2								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	COPPER	12.7	MG/KG			4.2								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	IRON	15100	MG/KG			6.4								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	LEAD	5.2	MG/KG			0.45								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	LITHIUM	7.6	MG/KG		B	0.42								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	MAGNESIUM	1980	MG/KG			42.5								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	MANGANESE	350	MG/KG			2.1								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.4	MG/KG		U	106								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	NICKEL	13.3	MG/KG			4.2								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	POTASSIUM	1300	MG/KG			42.5								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	SELENIUM	0.49	MG/KG		U	0.45								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	SILVER	0.64	MG/KG		U	6.4								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	SODIUM	130	MG/KG		B	10.6								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	STRONTIUM	22.1	MG/KG		B	2.1								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	THALLIUM	0.25	MG/KG		U	0.67								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	TIN	10.2	MG/KG		B	212								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	VANADIUM	31.7	MG/KG			2.1								
P313489	SB	REAL	PZ05890812	11-OCT-89	N	TRG	RFME	ZINC	28.5	MG/KG			2.1								
P313489	SB	REAL	PZ05891012	11-OCT-89	N																
P313489	SB	REAL	PZ05891214	11-OCT-89	N																
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	ALUMINUM	8190	MG/KG		/	6.6								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	ANTIMONY	9.9	MG/KG		U	110								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	ARSENIC	3.8	MG/KG		/	0.42								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	BARIUM	37.5	MG/KG		B	11.0								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.17	MG/KG		U	0.44								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	CADMIUM	0.48	MG/KG		U	0.88								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	CALCIUM	2150	MG/KG		/	22.1								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	CESIUM	221	MG/KG		U	22.1								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	CHROMIUM	12.8	MG/KG		/	4.4								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	COBALT	3.9	MG/KG		B	4.4								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	COPPER	11.8	MG/KG		/	4.4								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	IRON	11300	MG/KG		/	6.6								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	LEAD	4.5	MG/KG		/	0.42								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	LITHIUM	9.9	MG/KG		B	0.44								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	MAGNESIUM	1960	MG/KG		/	44.2								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	MANGANESE	115	MG/KG		/	2.2								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.5	MG/KG		U	110								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	NICKEL	10.4	MG/KG		/	4.4								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	POTASSIUM	1050	MG/KG		/	44.2								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	SELENIUM	0.47	MG/KG		U	0.42								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	SILVER	0.58	MG/KG		U	6.6								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	SODIUM	94.2	MG/KG		B	11.0								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	STRONTIUM	19.0	MG/KG		B	2.2								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	THALLIUM	0.23	MG/KG		U	0.64								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	TIN	10.2	MG/KG		B	221								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	VANADIUM	21.9	MG/KG		/	2.2								
P313489	SB	REAL	PZ05891218	11-OCT-89	N	TRG	RFME	ZINC	23.0	MG/KG		/	2.2								
P313489	SB	REAL	PZ05891416	11-OCT-89	N																
P313489	SB	REAL	PZ05891618	11-OCT-89	N																
P313489	SB	REAL	PZ05891820	11-OCT-89	N																
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	ALUMINUM	11900	MG/KG		/	6.9								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	ANTIMONY	10.2	MG/KG		U	114								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	ARSENIC	2.7	MG/KG		/	0.42								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	BARIUM	55.3	MG/KG		/	11.4								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.17	MG/KG		U	0.46								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	CADMIUM	0.50	MG/KG		U	0.91								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	CALCIUM	2530	MG/KG		/	22.9								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	CESIUM	229	MG/KG		U	22.9								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	CHROMIUM	16.3	MG/KG		/	4.6								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	COBALT	4.9	MG/KG		B	4.6								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	COPPER	12.9	MG/KG		/	4.6								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	IRON	123000	MG/KG		/	6.9								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	LEAD	3.7	MG/KG		/	0.42								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	LITHIUM	10.5	MG/KG		B	0.46								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	MAGNESIUM	2590	MG/KG		/	45.7								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	MANGANESE	246	MG/KG		/	2.3								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.7	MG/KG		U	114								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	NICKEL	15.0	MG/KG		/	4.6								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	POTASSIUM	1590	MG/KG		/	45.7								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	SELENIUM	0.46	MG/KG		U	0.42								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	SILVER	0.61	MG/KG		U	6.9								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	SODIUM	92.3	MG/KG		B	11.4								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	STRONTIUM	18.1	MG/KG		B	2.3								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	THALLIUM	0.23	MG/KG		U	0.63								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	TIN	11.0	MG/KG		B	229								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	VANADIUM	19.5	MG/KG		/	2.3								
P313489	SB	REAL	PZ05891821	11-OCT-89	N	TRG	RFME	ZINC	42.3	MG/KG		/	2.3								
P313489	SB	REAL	PZ05892022	11-OCT-89	N																
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	ALUMINUM	9390	MG/KG		/	6.4								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	ANTIMONY	9.6	MG/KG		U	108								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	ARSENIC	4.1	MG/KG		/	0.44								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	BARIUM	530	MG/KG		/	10.8								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.43								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	CADMIUM	0.72	MG/KG		B	0.86								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	CALCIUM	5000	MG/KG		/	21.5								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	CESIUM	215	MG/KG		U	21.5								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	CHROMIUM	17.7	MG/KG		/	4.3								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	COBALT	3.8	MG/KG		B	4.3								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	COPPER	23.6	MG/KG		/	4.3								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	IRON	9710	MG/KG		/	6.4								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	LEAD	26.3	MG/KG		/	2.2								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	LITHIUM	1.5	MG/KG		B	0.43								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	MAGNESIUM	1840	MG/KG		/	43.0								
P313489	SB	REAL	PZ[illegible]92124	11-OCT-89	N	TRG	RFME	MANGANESE	551	MG/KG		/	2.2								
P313489	SB	REAL	P[illegible]92124	11-OCT-89	N	TRG	RFME	MERCURY	0.12	MG/KG		/	0.087								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.4	MG/KG		U	108								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	NICKEL	12.1	MG/KG		/	4.3								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	POTASSIUM	926	MG/KG		B	43.0								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	SELENIUM	0.49	MG/KG		U	0.44								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	SILVER	0.63	MG/KG		U	6.4								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	SODIUM	111	MG/KG		B	10.8								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	STRONTIUM	51.9	MG/KG		B	2.2								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	THALLIUM	0.24	MG/KG		U	0.66								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	TIN	8.8	MG/KG		U	215								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	VANADIUM	21.5	MG/KG		/	2.2								
P313489	SB	REAL	PZ05892124	11-OCT-89	N	TRG	RFME	ZINC	46.2	MG/KG		/	2.2								
P313489	SB	REAL	PZ05892224	11-OCT-89	N																
P313589	SB	REAL	PZ07890002	12-OCT-89	N																
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	ALUMINUM	3870	MG/KG		/	40.9								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	ANTIMONY	12.3	MG/KG		U	12.3								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	ARSENIC	3.5	MG/KG		U	3.5								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	BARIUM	57.3	MG/KG		/	40.9								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	CALCIUM	11500	MG/KG		/	1020								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	CESIUM	511	MG/KG		U	511								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	CHROMIUM	13.6	MG/KG		/	2.0								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	COBALT	10.2	MG/KG		U	10.2								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	COPPER	10.7	MG/KG		/	5.1								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	IRON	7020	MG/KG		/	20.4								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	LEAD	9.5	MG/KG		/	1.1								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	LITHIUM	20.4	MG/KG		U	20.4								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	MAGNESIUM	1020	MG/KG		U	1020								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	MANGANESE	129	MG/KG		/	3.1								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	MERCURY	0.22	UG/G		/	0.11								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	MOLYBDENUM	20.4	MG/KG		U	20.4								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	NICKEL	8.2	MG/KG		U	8.2								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	POTASSIUM	1020	MG/KG		U	1020								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	SELENIUM	0.88	MG/KG		U	0.88								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	SODIUM	1020	MG/KG		U	1020								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	STRONTIUM	40.9	MG/KG		/	20.4								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	TIN	20.4	MG/KG		U	20.4								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	VANADIUM	17.5	MG/KG		/	10.2								
P313589	SB	REAL	PZ07890003	12-OCT-89	N	TRG	RFME	ZINC	22.0	MG/KG		/	4.1								
P313589	SB	REAL	PZ07890203	12-OCT-89	N																
P313589	SB	REAL	PZ07890406	12-OCT-89	N																
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	ALUMINUM	5380	UG/G			39.4								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	ANTIMONY	11.8	UG/G		U	11.8								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	ARSENIC	2.7	UG/G		U	2.7								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	BARIUM	131	UG/G			39.4								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	BERYLLIUM	0.98	UG/G		U	0.98								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	CADMIUM	0.98	UG/G		U	0.98								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	CALCIUM	187000	UG/G			984								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	CESIUM	492	UG/G		U	492								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	CHROMIUM	5.5	UG/G			2.0								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	COBALT	9.8	UG/G		U	9.8								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	COPPER	9.7	UG/G			4.9								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	IRON	4000	UG/G			19.7								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	LEAD	2.4	UG/G			1.6								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	LITHIUM	19.7	UG/G		U	19.7								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	MAGNESIUM	3450	UG/G			984								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	MANGANESE	43.1	UG/G			3.0								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	MERCURY	0.32	UG/G			0.14								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	MOLYBDENUM	19.7	UG/G		U	19.7								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	NICKEL	8.3	UG/G			.9								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	POTASSIUM	984	UG/G		U	984								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	SELENIUM	1.4	UG/G		U	1.4								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	SILVER	2.0	UG/G		U	2.0								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	SODIUM	984	UG/G		U	984								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	STRONTIUM	279	UG/G			19.7								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	THALLIUM	2.7	UG/G		U	2.7								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	TIN	30.5	UG/G			19.7								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	VANADIUM	10.6	UG/G			9.8								
P313589	SB	REAL	PZ07890408	12-OCT-89	N	TRG	RFME	ZINC	13.3	UG/G			3.9								
P313589	SB	REAL	PZ07890608	12-OCT-89	N																
P313589	SB	REAL	PZ07890810	12-OCT-89	N																
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	ALUMINUM	3510	MG/KG		/	36.8								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	ANTIMONY	11.0	MG/KG		U	11.0								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	ARSENIC	2.1	MG/KG		U	2.1								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	BARIUM	36.9	MG/KG		/	36.8								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	BERYLLIUM	0.92	MG/KG		U	0.92								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	CADMIUM	0.92	MG/KG		U	0.92								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	CALCIUM	23500	MG/KG		/	919								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	CESIUM	460	MG/KG		U	460								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	CHROMIUM	4.9	MG/KG		/	1.8								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	COBALT	9.2	MG/KG		U	9.2								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	COPPER	11.0	MG/KG		/	4.6								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	IRON	8550	MG/KG		/	18.4								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	LEAD	1.8	MG/KG		/	1.3								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	LITHIUM	18.4	MG/KG		U	18.4								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	MAGNESIUM	1890	MG/KG		/	919								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	MANGANESE	37.8	MG/KG		/	2.8								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	MERCURY	0.23	UG/G		/	0.12								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	MOLYBDENUM	18.4	MG/KG		U	18.4								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	NICKEL	8.5	MG/KG		/	7.4								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	POTASSIUM	919	MG/KG		U	919								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	SODIUM	919	MG/KG		U	919								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	STRONTIUM	56.3	MG/KG		/	18.4								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	TIN	24.8	MG/KG		/	18.4								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	VANADIUM	32.6	MG/KG		/	9.2								
P313589	SB	REAL	PZ07890812	12-OCT-89	N	TRG	RFME	ZINC	14.6	MG/KG		/	3.7								
P313589	SB	REAL	PZ07891012	12-OCT-89	N																
P313589	SB	REAL	PZ07891214	12-OCT-89	N																
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	ALUMINUM	3010	MG/KG		/	41.6								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	ANTIMONY	12.5	MG/KG		U	12.5								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	ARSENIC	3.9	MG/KG		U	3.9								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	BARIUM	41.6	MG/KG		U	41.6								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	CALCIUM	17800	MG/KG		/	1040								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	CESIUM	520	MG/KG		U	520								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	CHROMIUM	3.3	MG/KG		/	2.1								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	COBALT	10.4	MG/KG		U	10.4								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	COPPER	14.0	MG/KG		/	5.2								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	IRON	11100	MG/KG		/	20.8								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	LEAD	3.5	MG/KG		/	1.2								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	LITHIUM	20.8	MG/KG		U	20.8								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	MAGNESIUM	1410	MG/KG		/	1040								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	MANGANESE	51.2	MG/KG		/	3.1								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	MERCURY	0.19	UG/G		/	0.12								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	MOLYBDENUM	20.8	MG/KG		U	20.8								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	NICKEL	12.9	MG/KG		/	8.3								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	POTASSIUM	1040	MG/KG		U	1040								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	SELENIUM	0.97	MG/KG		U	0.97								
P313589	SB	REAL	7891216	12-OCT-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P313589	SB	REAL	891216	12-OCT-89	N	TRG	RFME	SODIUM	1040	MG/KG		U	1040								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	STRONTIUM	47.8	MG/KG		/	20.8								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	TIN	26.8	MG/KG		/	20.8								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	VANADIUM	33.5	MG/KG		/	10.4								
P313589	SB	REAL	PZ07891216	12-OCT-89	N	TRG	RFME	ZINC	25.7	MG/KG		/	4.2								
P314289	SB	REAL	PZ31890002	11-OCT-89	N																
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	ALUMINUM	14100	MG/KG		/	6.4								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	ANTIMONY	9.6	MG/KG		U	107								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	ARSENIC	8.7	MG/KG		/	0.44								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	BARIUM	88.2	MG/KG		/	10.7								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.17	MG/KG		U	0.43								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		B	0.86								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	CALCIUM	4430	MG/KG		/	21.5								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	CESIUM	215	MG/KG		U	21.5								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	CHROMIUM	15.3	MG/KG		/	4.3								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	COBALT	5.1	MG/KG		B	4.3								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	COPPER	36.9	MG/KG		/	4.3								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	IRON	13900	MG/KG		/	6.4								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	LEAD	47.7	MG/KG		/	4.4								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	LITHIUM	9.9	MG/KG		B	0.43								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	MAGNESIUM	2170	MG/KG		/	43.0								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	MANGANESE	199	MG/KG		/	2.1								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	MERCURY	0.23	MG/KG		/	0.090								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.4	MG/KG		U	107								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	NICKEL	13.0	MG/KG		/	4.3								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	POTASSIUM	1920	MG/KG		/	43.0								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	SELENIUM	0.48	MG/KG		U	0.44								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	SILVER	0.61	MG/KG		U	6.4								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	SODIUM	147	MG/KG		B	10.7								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	STRONTIUM	50.3	MG/KG		B	2.1								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	THALLIUM	0.24	MG/KG		U	0.66								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	TIN	8.8	MG/KG		U	215								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	VANADIUM	32.7	MG/KG		/	2.1								
P314289	SB	REAL	PZ31890003	11-OCT-89	N	TRG	RFME	ZINC	95.3	MG/KG		/	2.1								
P314289	SB	REAL	PZ31890204	11-OCT-89	N																
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	ALUMINUM	34500	MG/KG		/	6.8								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	ANTIMONY	10.2	MG/KG		U	114								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	ARSENIC	10.2	MG/KG		B	2.3								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	BARIUM	157	MG/KG		/	11.4								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	BERYLLIUM	1.6	MG/KG		/	0.46								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	CADMIUM	0.51	MG/KG		U	0.91								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	CALCIUM	27300	MG/KG		/	22.8								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	CESIUM	228	MG/KG		U	22.8								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	CHROMIUM	33.7	MG/KG		/	4.6								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	COBALT	9.2	MG/KG		B	4.6								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	COPPER	9.2	MG/KG		/	4.6								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	IRON	22700	MG/KG		/	6.8								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	LEAD	12.5	MG/KG		/	0.92								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	LITHIUM	22.6	MG/KG		B	0.46								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	MAGNESIUM	4530	MG/KG		/	45.6								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	MANGANESE	134	MG/KG		/	2.3								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	MERCURY	0.21	MG/KG		/	0.095								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.7	MG/KG		U	114								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	NICKEL	28.1	MG/KG		/	4.6								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	POTASSIUM	1440	MG/KG		/	45.6								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	SELENIUM	0.51	MG/KG		U	0.46								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	SILVER	0.62	MG/KG		U	6.8								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	SODIUM	222	MG/KG		B	11.4								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	STRONTIUM	98.0	MG/KG		B	2.3								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	THALLIUM	0.25	MG/KG		U	0.69								
P314289	SB	REAL	PZ31890307	11-OCT-89	N	TRG	RFME	TIN	53.2	MG/KG		U	228								
P314289	SB	REAL	PZ[illegible]90307	11-OCT-89	N	TRG	RFME	VANADIUM	63.1	MG/KG		/	2.3								
P314289	SB	REAL	P 90307	11-OCT-89	N	TRG	RFME	ZINC	34.7	MG/KG		/	2.3								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P314289	SB	REAL	PZ31890406	11-OCT-89	N																
P314289	SB	REAL	PZ31890608	11-OCT-89	N																
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	ALUMINUM	12000	MG/KG		/	6.6								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	ANTIMONY	9.7	MG/KG		U	109								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	ARSENIC	7.4	MG/KG		B	2.2								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	BARIUM	54.9	MG/KG		/	10.9								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.44								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	CADMIUM	0.50	MG/KG		U	0.87								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	CALCIUM	2300	MG/KG		/	21.9								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	CESIUM	219	MG/KG		U	21.9								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	CHROMIUM	16.8	MG/KG		/	4.4								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	COBALT	4.5	MG/KG		B	4.4								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	COPPER	8.6	MG/KG		/	4.4								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	IRON	11600	MG/KG		/	6.6								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	LEAD	7.4	MG/KG		/	0.44								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	LITHIUM	7.2	MG/KG		B	0.44								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	MAGNESIUM	1840	MG/KG		/	43.7								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	MANGANESE	188	MG/KG		/	2.2								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	MERCURY	0.12	MG/KG		/	0.095								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.5	MG/KG		U	109								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	NICKEL	14.2	MG/KG		/	4.4								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	POTASSIUM	1070	MG/KG		B	43.7								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	SELENIUM	0.48	MG/KG		U	0.44								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	SILVER	0.61	MG/KG		U	6.6								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	SODIUM	76.4	MG/KG		B	10.9								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	STRONTIUM	15.6	MG/KG		B	2.2								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	THALLIUM	0.24	MG/KG		U	0.65								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	TIN	18.9	MG/KG		B	219								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	VANADIUM	23.6	MG/KG		/	2.2								
P314289	SB	REAL	PZ31890711	11-OCT-89	N	TRG	RFME	ZINC	19.7	MG/KG		/	2.2								
P314289	SB	REAL	PZ31890810	11-OCT-89	N																
P314289	SB	REAL	PZ31891012	11-OCT-89	N																
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	ALUMINUM	9050	MG/KG			6.5								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	ANTIMONY	9.7	MG/KG		U	109								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	ARSENIC	4.3	MG/KG			0.45								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	BARIUM	48.3	MG/KG			10.9								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.43								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	CADMIUM	0.55	MG/KG		B	0.87								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	CALCIUM	2550	MG/KG			21.7								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	CESIUM	217	MG/KG		U	21.7								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	CHROMIUM	13.8	MG/KG			4.3								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	COBALT	4.6	MG/KG		B	4.3								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	COPPER	19.8	MG/KG			4.3								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	IRON	22100	MG/KG			6.5								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	LEAD	4.1	MG/KG			0.45								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	LITHIUM	6.3	MG/KG		B	0.43								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	MAGNESIUM	1980	MG/KG			43.4								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	MANGANESE	382	MG/KG			2.2								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.5	MG/KG		U	109								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	NICKEL	17.1	MG/KG			4.3								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	POTASSIUM	913	MG/KG			43.4								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	SELENIUM	0.50	MG/KG		U	0.45								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	SILVER	0.64	MG/KG		U	6.5								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	SODIUM	75.0	MG/KG		B	10.9								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	STRONTIUM	24.9	MG/KG		B	2.2								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	THALLIUM	0.25	MG/KG		U	0.68								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	TIN	14.6	MG/KG		B	217								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	VANADIUM	38.5	MG/KG			2.2								
P314289	SB	REAL	PZ31891113	11-OCT-89	N	TRG	RFME	ZINC	32.8	MG/KG			2.2								
P314289	SB	REAL	PZ31891214	11-OCT-89	N																
P314289	SB	REAL	1891318	11-OCT-89	N	TRG	RFME	ALUMINUM	9150	MG/KG		/	6.7								
P314289	SB	REAL	1891318	11-OCT-89	N	TRG	RFME	ANTIMONY	9.9	MG/KG		U	111								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	ARSENIC	6.8	MG/KG		/	0.45								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	BARIUM	120	MG/KG		/	11.1								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	BERYLLIUM	0.19	MG/KG		U	0.45								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		B	0.89								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	CALCIUM	4550	MG/KG		/	22.3								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	CESIUM	223	MG/KG		U	22.3								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	CHROMIUM	13.8	MG/KG		/	4.5								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	COBALT	9.5	MG/KG		B	4.5								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	COPPER	18.5	MG/KG		/	4.5								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	IRON	27800	MG/KG		/	6.7								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	LEAD	13.5	MG/KG		/	0.89								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	LITHIUM	4.5	MG/KG		B	0.45								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	MAGNESIUM	2030	MG/KG		/	44.5								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	MANGANESE	461	MG/KG		/	2.2								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	MOLYBDENUM	4.6	MG/KG		U	111								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	NICKEL	29.8	MG/KG		/	4.5								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	POTASSIUM	931	MG/KG		B	44.5								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	SELENIUM	0.49	MG/KG		U	0.45								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	SILVER	0.67	MG/KG		U	6.7								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	SODIUM	102	MG/KG		B	11.1								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	STRONTIUM	46.1	MG/KG		B	2.2								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	THALLIUM	0.25	MG/KG		U	0.67								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	TIN	15.5	MG/KG		B	223								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	VANADIUM	25.0	MG/KG		/	2.2								
P314289	SB	REAL	PZ31891318	11-OCT-89	N	TRG	RFME	ZINC	115	MG/KG		/	2.2								
P314289	SB	REAL	PZ31891416	11-OCT-89	N																
P314289	SB	REAL	PZ31891618	11-OCT-89	N																
P317989	GW	REAL	P3179891289004	04-DEC-89	N																
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	ALUMINUM	11800	MG/KG			6.6								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	ANTIMONY	9.8	MG/KG		U	110								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	ARSENIC	1.7	MG/KG		B	0.42								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	BARIUM	601	MG/KG			11.0								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.44								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	CADMIUM	0.5	MG/KG		U	0.88								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	CALCIUM	47200	MG/KG			22.1								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	CESIUM	221	MG/KG		U	221								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	CHROMIUM	14.7	MG/KG			4.4								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	COBALT	8.9	MG/KG		B	4.4								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	COPPER	14.0	MG/KG			4.4								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	IRON	16100	MG/KG			6.6								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	LEAD	8.5	MG/KG			0.42								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	LITHIUM	10.2	MG/KG		B	0.44								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	MAGNESIUM	4390	MG/KG			44.2								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	MANGANESE	218	MG/KG			2.2								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	MERCURY	0.09	MG/KG		U	0.089								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	MOLYBDENUM	4.5	MG/KG		U	110								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	NICKEL	14.7	MG/KG			4.4								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	POTASSIUM	898	MG/KG			44.2								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	SELENIUM	2.3	MG/KG		U	2.1								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	SILVER	0.62	MG/KG		U	6.6								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	SODIUM	708	MG/KG		B	11.0								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	STRONTIUM	166	MG/KG		B	2.2								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	THALLIUM	0.23	MG/KG		U	0.63								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	TIN	11.8	MG/KG		B	221								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	VANADIUM	29.0	MG/KG			2.2								
P317989	SB	DUP	P3179890610D	02-NOV-89	N	TRG	RFME	ZINC	80.5	MG/KG			2.2								
P317989	SB	DUP	P3179890810D	02-NOV-89	N																
P317989	SB	REAL	P3179890002	02-NOV-89	N																
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	ALUMINUM	6770	MG/KG			6.7								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	ANTIMONY	9.9	MG/KG		U	111								
P317989	SB	REAL	[illegible]79890003	02-NOV-89	N	TRG	RFME	ARSENIC	1.9	MG/KG		B	0.45								
P317989	SB	REAL	[illegible]/9890003	02-NOV-89	N	TRG	RFME	BARIUM	86.9	MG/KG			11.1								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	BERYLLIUM	0.18	MG/KG		U	0.44								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	CADMIUM	0.51	MG/KG		U	0.89								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	CALCIUM	76700	MG/KG			22.2								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	CESIUM	222	MG/KG		U	215								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	CHROMIUM	9.1	MG/KG			4.4								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	COBALT	5.8	MG/KG			4.4								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	COPPER	6.3	MG/KG			4.4								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	IRON	8030	MG/KG			6.7								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	LEAD	6.9	MG/KG			0.45								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	LITHIUM	14.2	MG/KG			0.44								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	MAGNESIUM	3570	MG/KG			44.4								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	MANGANESE	132	MG/KG			2.2								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	MERCURY	0.10	MG/KG		U	0.10								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	MOLYBDENUM	4.5	MG/KG		U	111								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	NICKEL	12.8	MG/KG			4.4								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	POTASSIUM	1150	MG/KG			44.4								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	SELENIUM	2.5	MG/KG		U	2.2								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	SILVER	0.62	MG/KG		U	6.7								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	SODIUM	139	MG/KG			11.1								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	STRONTIUM	143	MG/KG			2.2								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	THALLIUM	0.25	MG/KG		U	0.67								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	TIN	9.1	MG/KG		U	222								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	VANADIUM	16.9	MG/KG			2.2								
P317989	SB	REAL	P3179890003	02-NOV-89	N	TRG	RFME	ZINC	23.8	MG/KG			2.2								
P317989	SB	REAL	P3179890204	02-NOV-89	N																
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	ALUMINUM	8750	MG/KG			5.8								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	ANTIMONY	8.6	MG/KG		U	96.8								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	ARSENIC	3.1	MG/KG			0.42								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	BARIUM	29.5	MG/KG		B	9.7								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	BERYLLIUM	0.15	MG/KG		U	0.39								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	CADMIUM	0.45	MG/KG		U	0.77								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	CALCIUM	85800	MG/KG			19.4								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	CESIUM	193	MG/KG		U	193								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	CHROMIUM	10.6	MG/KG			3.9								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	COBALT	2.2	MG/KG		B	3.9								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	COPPER	2.5	MG/KG		B	3.9								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	IRON	7080	MG/KG			5.8								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	LEAD	5.1	MG/KG			0.42								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	LITHIUM	15.5	MG/KG		B	0.39								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	MAGNESIUM	3340	MG/KG			38.7								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	MANGANESE	61.9	MG/KG			1.9								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	MERCURY	0.09	MG/KG		U	0.093								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	MOLYBDENUM	4.0	MG/KG		U	96.8								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	NICKEL	6.2	MG/KG		B	3.9								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	POTASSIUM	757	MG/KG		B	38.7								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	SELENIUM	2.3	MG/KG		U	2.1								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	SILVER	0.54	MG/KG		U	5.8								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	SODIUM	251	MG/KG		B	9.7								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	STRONTIUM	143	MG/KG		B	1.9								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	THALLIUM	0.23	MG/KG		U	0.63								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	TIN	7.9	MG/KG		U	194								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	VANADIUM	23.0	MG/KG			1.9								
P317989	SB	REAL	P3179890306	02-NOV-89	N	TRG	RFME	ZINC	12.9	MG/KG			1.9								
P317989	SB	REAL	P3179890406	02-NOV-89	N																
P317989	SB	REAL	P3179890608	02-NOV-89	N																
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	ALUMINUM	11000	MG/KG			7.1								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	ANTIMONY	10.6	MG/KG		U	118								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	ARSENIC	2.5	MG/KG			0.48								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	BARIUM	659	MG/KG			11.8								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	BERYLLIUM	0.19	MG/KG		U	0.47								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	CADMIUM	0.80	MG/KG		U	0.94								
P317989	SB	REAL	79890610	02-NOV-89	N	TRG	RFME	CALCIUM	52900	MG/KG			23.6								
P317989	SB	REAL	/9890610	02-NOV-89	N	TRG	RFME	CESIUM	241	MG/KG		U	236								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	CHROMIUM	13.3	MG/KG			4.7								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	COBALT	11.2	MG/KG		B	4.7								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	COPPER	18.3	MG/KG			4.7								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	IRON	19200	MG/KG			7.1								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	LEAD	18.1	MG/KG			2.4								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	LITHIUM	10.8	MG/KG		B	0.47								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	MAGNESIUM	4450	MG/KG			47.2								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	MANGANESE	193	MG/KG			2.4								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	MOLYBDENUM	4.8	MG/KG		U	118								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	NICKEL	16.2	MG/KG			4.7								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	POTASSIUM	851	MG/KG			47.2								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	SELENIUM	2.6	MG/KG		U	2.4								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	SILVER	0.66	MG/KG		U	7.1								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	SODIUM	751	MG/KG		B	11.8								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	STRONTIUM	148	MG/KG		B	2.4								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	THALLIUM	0.26	MG/KG		U	0.73								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	TIN	14.1	MG/KG		B	236								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	VANADIUM	33.6	MG/KG			2.4								
P317989	SB	REAL	P3179890610	02-NOV-89	N	TRG	RFME	ZINC	105	MG/KG			2.4								
P317989	SB	REAL	P3179890810	02-NOV-89	N																
P411589	SB	DUP	BH66401890002D	23-AUG-89	N																
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	ALUMINUM	13600	MG/KG		/	52.1								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	ANTIMONY	15.6	MG/KG		U	15.6								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	ARSENIC	6.6	MG/KG		/	2.7								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	BARIUM	56.2	MG/KG		/	52.1								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	BERYLLIUM	1.3	MG/KG		U	1.3								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	CADMIUM	1.3	MG/KG		U	1.3								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	CALCIUM	2040	MG/KG		/	1300								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	CESIUM	261	MG/KG		U	261								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	CHROMIUM	59.2	MG/KG		/	2.6								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	COBALT	15.6	MG/KG		/	13.0								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	COPPER	9.6	MG/KG		/	6.5								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	IRON	14100	MG/KG		/	26.1								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	LEAD	10.1	MG/KG		/	2.7								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	LITHIUM	26.1	MG/KG		U	26.1								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	MAGNESIUM	1510	MG/KG		/	1300								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	MANGANESE	124	MG/KG		/	3.9								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	MERCURY	0.14	MG/KG		U	0.14								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	MOLYBDENUM	26.1	MG/KG		U	26.1								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	NICKEL	30.0	MG/KG		/	10.4								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	POTASSIUM	1300	MG/KG		U	1300								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	SELENIUM	1.3	MG/KG		U	1.3								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	SILVER	2.6	MG/KG		U	2.6								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	SODIUM	1300	MG/KG		U	1300								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	STRONTIUM	261	MG/KG		U	261								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	THALLIUM	2.7	MG/KG		U	2.7								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	TIN	26.1	MG/KG		U	26.1								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	VANADIUM	33.7	MG/KG		/	13.0								
P411589	SB	DUP	BH66401890309D	23-AUG-89	N	TRG	RFME	ZINC	32.7	MG/KG		/	5.2								
P411589	SB	REAL	BH66401890000	23-AUG-89	N																
P411589	SB	REAL	BH66401890002	23-AUG-89	N																
P411589	SB	REAL	BH66401890003	23-AUG-89	N																
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	ALUMINUM	17600	MG/KG		/	57.9								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	ANTIMONY	17.4	MG/KG		U	17.4								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	ARSENIC	7.3	MG/KG		/	3.0								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	BARIUM	64.1	MG/KG		/	57.9								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	BERYLLIUM	1.4	MG/KG		U	1.4								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	CADMIUM	1.4	MG/KG		U	1.4								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	CALCIUM	3120	MG/KG		/	1450								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	CESIUM	290	MG/KG		U	290								
P411589	SB	REAL	6401890309	23-AUG-89	N	TRG	RFME	CHROMIUM	49.3	MG/KG		/	2.9								
P411589	SB	REAL	6401890309	23-AUG-89	N	TRG	RFME	COBALT	14.9	MG/KG		/	14.5								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	COPPER	10.1	MG/KG		/	7.2								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	IRON	16600	MG/KG		/	29.0								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	LEAD	12.0	MG/KG		/	1.5								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	LITHIUM	29.0	MG/KG		U	29.0								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	MAGNESIUM	2460	MG/KG		/	1450								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	MANGANESE	163	MG/KG		/	4.3								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	MERCURY	0.16	MG/KG		/	0.15								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	MOLYBDENUM	29.0	MG/KG		U	29.0								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	NICKEL	18.0	MG/KG		/	11.6								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	POTASSIUM	1450	MG/KG		U	1450								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	SELENIUM	1.5	MG/KG		U	1.5								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	SILVER	2.9	MG/KG		U	2.9								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	SODIUM	1450	MG/KG		U	1450								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	STRONTIUM	290	MG/KG		U	290								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	THALLIUM	3.0	MG/KG		U	3.0								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	TIN	29.0	MG/KG		U	29.0								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	VANADIUM	39.8	MG/KG		/	14.5								
P411589	SB	REAL	BH66401890309	23-AUG-89	N	TRG	RFME	ZINC	70.1	MG/KG		/	5.8								
P411589	SB	REAL	BH66401890405	23-AUG-89	N																
P411589	SB	REAL	BH66401890506	23-AUG-89	N																
P411589	SB	REAL	BH66401890608	23-AUG-89	N																
P411589	SB	REAL	BH66401890810	23-AUG-89	N																
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	ALUMINUM	16900	MG/KG		/	51.4								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	ANTIMONY	15.4	MG/KG		U	15.4								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	ARSENIC	5.5	MG/KG		/	2.6								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	BARIUM	96.5	MG/KG		/	51.4								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	BERYLLIUM	1.3	MG/KG		U	1.3								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	CADMIUM	1.3	MG/KG		U	1.3								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	CALCIUM	3520	MG/KG		/	1290								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	CESIUM	257	MG/KG		U	257								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	CHROMIUM	18.4	MG/KG		/	2.6								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	COBALT	13.4	MG/KG		/	12.9								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	COPPER	20.8	MG/KG		/	6.4								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	IRON	20200	MG/KG		/	25.7								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	LEAD	8.3	MG/KG		/	1.3								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	LITHIUM	25.7	MG/KG		U	25.7								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	MAGNESIUM	3870	MG/KG		/	1290								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	MANGANESE	345	MG/KG		/	3.9								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	MERCURY	0.13	MG/KG		U	0.13								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	MOLYBDENUM	25.7	MG/KG		U	25.7								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	NICKEL	20.1	MG/KG		/	10.3								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	POTASSIUM	1960	MG/KG		/	1290								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	SELENIUM	1.3	MG/KG		U	1.3								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	SILVER	2.6	MG/KG		U	2.6								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	SODIUM	1290	MG/KG		U	1290								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	STRONTIUM	257	MG/KG		U	257								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	THALLIUM	2.6	MG/KG		U	2.6								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	TIN	32.2	MG/KG		/	25.7								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	VANADIUM	46.8	MG/KG		/	12.9								
P411589	SB	REAL	BH66401890915	23-AUG-89	N	TRG	RFME	ZINC	54.6	MG/KG		/	5.1								
P411589	SB	REAL	BH66401891012	23-AUG-89	N																
P411589	SB	REAL	BH66401891214	23-AUG-89	N																
P411589	SB	REAL	BH66401891416	23-AUG-89	N																
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	ALUMINUM	12200	MG/KG		/	47.8								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	ANTIMONY	14.3	MG/KG		U	14.3								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	ARSENIC	6.3	MG/KG		/	2.5								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	BARIUM	56.1	MG/KG		/	47.8								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	CALCIUM	2900	MG/KG		/	1200								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	CESIUM	239	MG/KG		U	239								
P411589	SB	REAL	[illegible]6401891521	23-AUG-89	N	TRG	RFME	CHROMIUM	11.0	MG/KG		/	2.4								
P411589	SB	REAL	6401891521	23-AUG-89	N	TRG	RFME	COBALT	12.0	MG/KG		U	12.0								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE1
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	COPPER	13.7	MG/KG		/	6.0								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	IRON	12700	MG/KG		/	23.9								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	LEAD	17.9	MG/KG		/	2.5								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	LITHIUM	23.9	MG/KG		U	23.9								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	MAGNESIUM	2320	MG/KG		/	1200								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	MANGANESE	112	MG/KG		/	3.6								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	MERCURY	0.13	MG/KG		U	0.13								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	MOLYBDENUM	23.9	MG/KG		U	23.9								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	NICKEL	11.8	MG/KG		/	9.6								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	POTASSIUM	1420	MG/KG		/	1200								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	SELENIUM	1.3	MG/KG		U	1.3								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	SILVER	2.4	MG/KG		U	2.4								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	SODIUM	1200	MG/KG		U	1200								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	STRONTIUM	239	MG/KG		U	239								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	THALLIUM	2.5	MG/KG		U	2.5								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	TIN	23.9	MG/KG		U	23.9								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	VANADIUM	27.6	MG/KG		/	12.0								
P411589	SB	REAL	BH66401891521	23-AUG-89	N	TRG	RFME	ZINC	47.3	MG/KG		/	4.8								
P411589	SB	REAL	BH66401891618	23-AUG-89	N																
P411589	SB	REAL	BH66401891820	23-AUG-89	N																
P411589	SB	REAL	BH66401892022	23-AUG-89	N																
P411589	SB	REAL	BH66401892224	23-AUG-89	N																
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	ALUMINUM	9930	MG/KG		/	48.4								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	ANTIMONY	14.5	MG/KG		U	14.5								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	ARSENIC	3.9	MG/KG		/	2.4								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	BARIUM	68.2	MG/KG		/	48.4								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG		U	1.2								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	CADMIUM	1.2	MG/KG		U	1.2								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	CALCIUM	3500	MG/KG		/	1210								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	CESIUM	242	MG/KG		U	242								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	CHROMIUM	14.2	MG/KG		/	2.4								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	COBALT	12.3	MG/KG		/	12.1								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	COPPER	27.3	MG/KG		/	6.0								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	IRON	23300	MG/KG		/	24.2								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	LEAD	10.4	MG/KG		/	2.4								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	LITHIUM	24.2	MG/KG		U	24.2								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	MAGNESIUM	1790	MG/KG		/	1210								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	MANGANESE	177	MG/KG		/	3.6								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	MOLYBDENUM	24.2	MG/KG		U	24.2								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	NICKEL	19.2	MG/KG		/	9.7								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	POTASSIUM	1210	MG/KG		U	1210								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	SILVER	2.4	MG/KG		U	2.4								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	SODIUM	1210	MG/KG		U	1210								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	STRONTIUM	242	MG/KG		U	242								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	THALLIUM	2.4	MG/KG		U	2.4								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	TIN	24.2	MG/KG		U	24.2								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	VANADIUM	39.1	MG/KG		/	12.1								
P411589	SB	REAL	BH66401892225	23-AUG-89	N	TRG	RFME	ZINC	70.5	MG/KG		/	4.8								
P411589	SB	REAL	BH66401892425	23-AUG-89	N																
P412489	SB	REAL	BH66410890000	28-AUG-89	N																
P412489	SB	REAL	BH66410890001	28-AUG-89	N																
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	ALUMINUM	10600	MG/KG			42.4								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	ANTIMONY	12.7	MG/KG		U	12.7								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	ARSENIC	3.3	MG/KG			2.1								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	BARIUM	84.0	MG/KG			42.4								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	CALCIUM	3210	MG/KG			1060								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	CESIUM	212	MG/KG		U	212								
P412489	SB	REAL	'6410890003	28-AUG-89	N	TRG	RFME	CHROMIUM	11.6	MG/KG			2.1								
P412489	SB	REAL	6410890003	28-AUG-89	N	TRG	RFME	COBALT	10.6	MG/KG		U	10.6								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	COPPER	14.0	UG/G			5.3								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	IRON	12100	MG/KG			21.2								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	LEAD	13.0	MG/KG			3.2								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	LITHIUM	21.2	MG/KG		U	21.2								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	MAGNESIUM	2080	MG/KG			1060								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	MANGANESE	245	MG/KG			3.2								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	MOLYBDENUM	21.2	UG/G		U	21.2								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	NICKEL	11.2	MG/KG			8.5								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	POTASSIUM	1840	MG/KG			1060								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	SILVER	3.6	MG/KG			2.1								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	SODIUM	1060	MG/KG		U	1060								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	STRONTIUM	212	MG/KG		U	212								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	TIN	23.4	MG/KG			21.2								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	VANADIUM	33.4	MG/KG			10.6								
P412489	SB	REAL	BH66410890003	28-AUG-89	N	TRG	RFME	ZINC	69.7	MG/KG			4.2								
P412489	SB	REAL	BH66410890103	28-AUG-89	N																
P412489	SB	REAL	BH66410890305	28-AUG-89	N																
P412489	SB	REAL	BH66410890309	28-AUG-89	N																
P412489	SB	REAL	BH66410890507	28-AUG-89	N																
P412489	SB	REAL	BH66410890709	28-AUG-89	N																
P412489	SB	REAL	BH66410890911	28-AUG-89	N																
P412489	SB	REAL	BH66410890915	28-AUG-89	N																
P412489	SB	REAL	BH66410891517	28-AUG-89	N																
P412489	SB	REAL	BH66410891521	28-AUG-89	N																
P412489	SB	REAL	BH66410891719	28-AUG-89	N																
P412489	SB	REAL	BH66410891921	28-AUG-89	N																
P412489	SB	REAL	BH66410892123	28-AUG-89	N																
P412489	SB	REAL	BH66410892126	28-AUG-89	N																
P412489	SB	REAL	BH66410892325	28-AUG-89	N																
P412489	SB	REAL	BH66410892526	28-AUG-89	N																
P412489	SB	REAL	BH66410892629	28-AUG-89	N																
P412489	SB	REAL	BH66410892729	28-AUG-89	N																
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	ALUMINUM	6330	MG/KG		/	32.4								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	ANTIMONY	9.7	MG/KG		U	9.7								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	ARSENIC	1.9	MG/KG		U	1.9								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	BARIUM	51.2	MG/KG		/	32.4								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	BERYLLIUM	0.81	MG/KG		U	0.81								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	CADMIUM	0.81	MG/KG		U	0.81								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	CALCIUM	1850	MG/KG		/	810								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	CESIUM	405	MG/KG		U	405								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	CHROMIUM	8.5	MG/KG		/	1.6								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	COBALT	8.1	MG/KG		U	8.1								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	COPPER	9.7	MG/KG		/	4.1								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	IRON	8660	MG/KG		/	16.2								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	LEAD	4.8	MG/KG		/	1.1								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	LITHIUM	16.2	MG/KG		U	16.2								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	MAGNESIUM	1420	MG/KG		/	810								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	MANGANESE	220	MG/KG		/	2.4								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	MOLYBDENUM	16.2	MG/KG		U	16.2								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	NICKEL	8.7	MG/KG		/	6.5								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	POTASSIUM	820	MG/KG		/	810								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	SELENIUM	0.94	MG/KG		U	0.94								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	SILVER	1.6	MG/KG		U	1.6								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	SODIUM	810	MG/KG		U	810								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	STRONTIUM	16.2	MG/KG		U	16.2								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	TIN	25.4	MG/KG		/	16.2								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	VANADIUM	18.8	MG/KG		/	8.1								
P415989	SB	DUP	PZ54890711D	08-SEP-89	N	TRG	RFME	ZINC	16.2	MG/KG		/	3.2								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	DUP	PZ54891012D	07-SEP-89	N																
P415989	SB	REAL	PZ54890002	07-SEP-89	N																
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	ALUMINUM	8150	MG/KG			40.3								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	ANTIMONY	12.1	MG/KG		U	12.1								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	ARSENIC	6.1	MG/KG			3.0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	BARIUM	50.2	MG/KG			40.3								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG			1.0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	CALCIUM	1160	MG/KG			1010								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	CESIUM	504	MG/KG		U	504								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	CHROMIUM	10.3	MG/KG			2.0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	COBALT	10.1	MG/KG		U	10.1								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	COPPER	10.1	MG/KG			5.0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	IRON	12100	MG/KG			20.2								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	LEAD	11.0	MG/KG			1.8								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	LITHIUM	20.2	MG/KG		U	20.2								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	MAGNESIUM	1010	MG/KG		U	1010								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	MANGANESE	98.1	MG/KG			3.0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	MOLYBDENUM	20.2	MG/KG		U	20.2								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	NICKEL	9.1	MG/KG			8.1								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	POTASSIUM	1010	MG/KG		U	1010								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	SELENIUM	0.75	MG/KG		U	0.75								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	SODIUM	1010	MG/KG		U	1010								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	STRONTIUM	20.2	MG/KG		U	20.2								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	THALLIUM	1.5	MG/KG		U	1.5								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	TIN	31.6	MG/KG			20.2								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	VANADIUM	41.6	MG/KG			10.1								
P415989	SB	REAL	PZ54890003	08-SEP-89	N	TRG	RFME	ZINC	17.9	MG/KG			4.0								
P415989	SB	REAL	PZ54890204	07-SEP-89	N																
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	ALUMINUM	8770	MG/KG		/	36.3								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	ANTIMONY	10.9	MG/KG		U	10.9								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	ARSENIC	3.0	MG/KG		/	1.4								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	BARIUM	45.0	MG/KG		/	36.3								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		/	0.91								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	CADMIUM	0.91	MG/KG		U	0.91								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	CALCIUM	1530	MG/KG		/	908								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	CESIUM	454	MG/KG		U	454								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	CHROMIUM	14.5	MG/KG		/	1.8								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	COBALT	9.1	MG/KG		U	9.1								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	COPPER	12.3	MG/KG		/	4.5								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	IRON	12100	MG/KG		/	18.2								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	LEAD	5.8	MG/KG		/	0.86								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	LITHIUM	18.2	MG/KG		U	18.2								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	MAGNESIUM	1140	MG/KG		/	908								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	MANGANESE	196	MG/KG		/	2.7								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	MOLYBDENUM	18.2	MG/KG		U	18.2								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	NICKEL	13.9	MG/KG		/	7.3								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	POTASSIUM	908	MG/KG		U	908								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	SELENIUM	0.72	MG/KG		U	0.72								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	SODIUM	908	MG/KG		U	908								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	STRONTIUM	18.2	MG/KG		U	18.2								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	THALLIUM	1.4	MG/KG		U	1.4								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	TIN	31.7	MG/KG		/	18.2								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	VANADIUM	32.6	MG/KG		/	9.1								
P415989	SB	REAL	PZ54890307	08-SEP-89	N	TRG	RFME	ZINC	16.4	MG/KG		/	3.6								
P415989	SB	REAL	PZ54890406	07-SEP-89	N																
P415989	SB	REAL	PZ54890708	07-SEP-89	N																
P415989	SB	REAL	4890711	08-SEP-89	N	TRG	RFME	ALUMINUM	6100	MG/KG		/	33.9								
P415989	SB	REAL	4890711	08-SEP-89	N	TRG	RFME	ANTIMONY	10.2	MG/KG		U	10.2								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	ARSENIC	1.9	MG/KG		U	1.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	BARIUM	78.0	MG/KG		/	33.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	BERYLLIUM	0.85	MG/KG		U	0.85								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	CADMIUM	0.85	MG/KG		U	0.85								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	CALCIUM	1630	MG/KG		/	846								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	CESIUM	423	MG/KG		U	423								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	CHROMIUM	10.3	MG/KG		/	1.7								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	COBALT	8.5	MG/KG		U	8.5								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	COPPER	11.6	MG/KG		/	4.2								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	IRON	9910	MG/KG		/	16.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	LEAD	4.1	MG/KG		/	1.1								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	LITHIUM	16.9	MG/KG		U	16.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	MAGNESIUM	1450	MG/KG		/	846								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	MANGANESE	407	MG/KG		/	2.5								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	MOLYBDENUM	16.9	MG/KG		U	16.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	NICKEL	11.4	MG/KG		/	6.8								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	POTASSIUM	846	MG/KG		U	846								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	SELENIUM	0.95	MG/KG		U	0.95								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	SILVER	1.7	MG/KG		U	1.7								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	SODIUM	846	MG/KG		U	846								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	STRONTIUM	16.9	MG/KG		U	16.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	TIN	26.3	MG/KG		/	16.9								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	VANADIUM	22.4	MG/KG		/	8.5								
P415989	SB	REAL	PZ54890711	08-SEP-89	N	TRG	RFME	ZINC	18.4	MG/KG		/	3.4								
P415989	SB	REAL	PZ54890810	07-SEP-89	N																
P415989	SB	REAL	PZ54891012	07-SEP-89	N																
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	ALUMINUM	4130	MG/KG		/	39.4								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	ANTIMONY	11.8	MG/KG		U	11.8								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	ARSENIC	2.2	MG/KG		/	1.5								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	BARIUM	68.2	MG/KG		/	39.4								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	BERYLLIUM	0.98	MG/KG		U	0.98								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	CADMIUM	0.98	MG/KG		U	0.98								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	CALCIUM	1360	MG/KG		/	984								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	CESIUM	492	MG/KG		U	492								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	CHROMIUM	6.0	MG/KG		/	2.0								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	COBALT	9.8	MG/KG		U	9.8								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	COPPER	11.0	MG/KG		/	4.9								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	IRON	9040	MG/KG		/	19.7								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	LEAD	6.3	MG/KG		/	0.92								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	LITHIUM	19.7	MG/KG		U	19.7								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	MAGNESIUM	984	MG/KG		U	984								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	MANGANESE	311	MG/KG		/	3.0								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	MERCURY	0.18	MG/KG		/	0.11								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	MOLYBDENUM	19.7	MG/KG		U	19.7								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	NICKEL	8.1	MG/KG		/	7.9								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	POTASSIUM	984	MG/KG		U	984								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	SELENIUM	0.77	MG/KG		U	0.77								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	SODIUM	984	MG/KG		U	984								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	STRONTIUM	19.7	MG/KG		U	19.7								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	THALLIUM	1.5	MG/KG		U	1.5								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	TIN	23.9	MG/KG		/	19.7								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	VANADIUM	26.4	MG/KG		/	9.8								
P415989	SB	REAL	PZ54891115	08-SEP-89	N	TRG	RFME	ZINC	12.4	MG/KG		/	3.9								
P415989	SB	REAL	PZ54891214	07-SEP-89	N																
P415989	SB	REAL	PZ54891416	07-SEP-89	N																
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	ALUMINUM	6380	MG/KG		/	33.0								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	ANTIMONY	9.9	MG/KG		U	9.9								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	ARSENIC	1.7	MG/KG		U	1.7								
P415989	SB	REAL	F 991519	08-SEP-89	N	TRG	RFME	BARIUM	125	MG/KG		/	33.0								
P415989	SB	REAL	I 391519	08-SEP-89	N	TRG	RFME	BERYLLIUM	0.86	MG/KG		/	0.82								

1591 601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	CADMIUM	0.82	MG/KG		U	0.82								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	CALCIUM	1930	MG/KG		/	825								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	CESIUM	412	MG/KG		U	412								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	CHROMIUM	9.8	MG/KG		/	1.6								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	COBALT	9.9	MG/KG		/	8.2								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	COPPER	14.5	MG/KG		/	4.1								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	IRON	11400	MG/KG		/	16.5								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	LEAD	4.6	MG/KG		/	1.0								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	LITHIUM	16.5	MG/KG		U	16.5								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	MAGNESIUM	1370	MG/KG		/	825								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	MANGANESE	549	MG/KG		/	2.5								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	MOLYBDENUM	16.5	MG/KG		U	16.5								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	NICKEL	15.3	MG/KG		/	6.6								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	POTASSIUM	905	MG/KG		/	825								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	SELENIUM	0.84	MG/KG		U	0.84								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	SILVER	1.6	MG/KG		U	1.6								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	SODIUM	825	MG/KG		U	825								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	STRONTIUM	16.5	MG/KG		U	16.5								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	THALLIUM	1.7	MG/KG		U	1.7								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	TIN	29.1	MG/KG		/	16.5								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	VANADIUM	30.9	MG/KG		/	8.2								
P415989	SB	REAL	PZ54891519	08-SEP-89	N	TRG	RFME	ZINC	17.1	MG/KG		/	3.3								
P415989	SB	REAL	PZ54891618	08-SEP-89	N																
P415989	SB	REAL	PZ54891820	08-SEP-89	N																
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	ALUMINUM	3910	MG/KG		/	44.1								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	ANTIMONY	13.2	MG/KG		U	13.2								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	ARSENIC	1.8	MG/KG		U	1.8								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	BARIUM	44.1	MG/KG		U	44.1								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	CALCIUM	1100	MG/KG		U	1100								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	CESIUM	551	MG/KG		U	551								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	CHROMIUM	5.5	MG/KG		/	2.2								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	COBALT	11.0	MG/KG		U	11.0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	COPPER	6.1	MG/KG		/	5.5								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	IRON	6650	MG/KG		/	22.0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	LEAD	3.9	MG/KG		/	0.54								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	LITHIUM	22.0	MG/KG		U	22.0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	MAGNESIUM	1100	MG/KG		U	1100								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	MANGANESE	85.0	MG/KG		/	3.3								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	MOLYBDENUM	22.0	MG/KG		U	22.0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	NICKEL	8.8	MG/KG		U	8.8								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	POTASSIUM	1100	MG/KG		U	1100								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	SELENIUM	0.91	MG/KG		U	0.91								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	SILVER	2.2	MG/KG		U	2.2								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	SODIUM	1100	MG/KG		U	1100								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	STRONTIUM	22.0	MG/KG		U	22.0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	TIN	22.0	MG/KG		U	22.0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	VANADIUM	15.9	MG/KG		/	11.0								
P415989	SB	REAL	PZ54891923	08-SEP-89	N	TRG	RFME	ZINC	17.5	MG/KG		/	4.4								
P415989	SB	REAL	PZ54892022	08-SEP-89	N																
P415989	SB	REAL	PZ54892224	08-SEP-89	N																
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	ALUMINUM	7760	MG/KG		/	34.0								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	ANTIMONY	10.2	MG/KG		U	10.2								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	ARSENIC	2.8	MG/KG		/	2.3								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	BARIUM	51.4	MG/KG		/	34.0								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	BERYLLIUM	0.85	MG/KG		U	0.85								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	CADMIUM	0.85	MG/KG		U	0.85								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	CALCIUM	2830	MG/KG		/	850								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	CESIUM	425	MG/KG		U	425								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	CHROMIUM	7.8	MG/KG		/	1.7								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	COBALT	8.5	MG/KG		U	8.5								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	COPPER	9.2	MG/KG		/	4.3								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	IRON	8510	MG/KG		/	17.0								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	LEAD	7.2	MG/KG		/	1.4								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	LITHIUM	17.0	MG/KG		U	17.0								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	MAGNESIUM	2310	MG/KG		/	850								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	MANGANESE	105	MG/KG		/	2.6								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	MOLYBDENUM	17.0	MG/KG		U	17.0								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	NICKEL	8.4	MG/KG		/	6.8								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	POTASSIUM	1200	MG/KG		/	850								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	SELENIUM	1.2	MG/KG		U	1.2								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	SILVER	1.7	MG/KG		U	1.7								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	SODIUM	850	MG/KG		U	850								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	STRONTIUM	17.0	MG/KG		U	17.0								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	THALLIUM	2.3	MG/KG		U	2.3								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	TIN	28.7	MG/KG		/	17.0								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	VANADIUM	18.6	MG/KG		/	8.5								
P415989	SB	REAL	PZ54892327	08-SEP-89	N	TRG	RFME	ZINC	22.4	MG/KG		/	3.4								
P415989	SB	REAL	PZ54892426	08-SEP-89	N																
P415989	SB	REAL	PZ54892628	08-SEP-89	N																
P415989	SB	REAL	PZ54892830	08-SEP-89	N																
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	ALUMINUM	4980	MG/KG		/	42.6								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	ANTIMONY	12.8	MG/KG		U	12.8								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	ARSENIC	1.8	MG/KG		U	1.8								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	BARIUM	42.6	MG/KG		U	42.6								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	CALCIUM	1520	MG/KG		/	1070								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	CESIUM	533	MG/KG		U	533								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	CHROMIUM	13.4	MG/KG		/	2.1								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	COBALT	10.7	MG/KG		U	10.7								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	COPPER	9.7	MG/KG		/	5.3								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	IRON	9570	MG/KG		/	21.3								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	LEAD	4.1	MG/KG		/	1.1								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	LITHIUM	21.3	MG/KG		U	21.3								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	MAGNESIUM	1430	MG/KG		/	1070								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	MANGANESE	86.5	MG/KG		/	3.2								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	MOLYBDENUM	21.3	MG/KG		U	21.3								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	NICKEL	8.8	MG/KG		/	8.5								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	POTASSIUM	1070	MG/KG		U	1070								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	SELENIUM	0.90	MG/KG		U	0.90								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	SILVER	2.1	MG/KG		U	2.1								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	SODIUM	1070	MG/KG		U	1070								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	STRONTIUM	21.3	MG/KG		U	21.3								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	TIN	24.0	MG/KG		/	21.3								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	VANADIUM	23.3	MG/KG		/	10.7								
P415989	SB	REAL	PZ54892832	08-SEP-89	N	TRG	RFME	ZINC	18.3	MG/KG		/	4.3								
P415989	SB	REAL	PZ54893032	08-SEP-89	N																
P415989	SB	REAL	PZ54893435	08-SEP-89	N																
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	ALUMINUM	1430	MG/KG			35.4								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	ANTIMONY	10.6	MG/KG		U	10.6								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	ARSENIC	5.0	MG/KG			1.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	BARIUM	35.4	MG/KG		U	35.4								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	BERYLLIUM	0.88	MG/KG		U	0.88								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	CADMIUM	0.88	MG/KG		U	0.88								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	CALCIUM	1050	MG/KG			884								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	CESIUM	442	MG/KG		U	442								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	CHROMIUM	2.8	MG/KG			1.8								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	COBALT	8.8	MG/KG		U	8.8								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	COPPER	4.4	MG/KG		U	4.4								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	IRON	2800	MG/KG			17.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	LEAD	8.3	MG/KG			1.0								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	LITHIUM	17.7	MG/KG		U	17.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	MAGNESIUM	884	MG/KG		U	884								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	MANGANESE	12.5	MG/KG			2.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	MOLYBDENUM	17.7	MG/KG		U	17.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	NICKEL	7.1	MG/KG		U	7.1								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	POTASSIUM	884	MG/KG		U	884								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	SELENIUM	0.87	MG/KG		U	0.87								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	SODIUM	884	MG/KG		U	884								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	STRONTIUM	17.7	MG/KG		U	17.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	THALLIUM	1.7	MG/KG		U	1.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	TIN	17.7	MG/KG		U	17.7								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	VANADIUM	11.5	MG/KG			8.8								
P415989	SB	REAL	PZ54893438	08-SEP-89	N	TRG	RFME	ZINC	19.4	MG/KG			3.5								
P415989	SB	REAL	PZ54893537	08-SEP-89	N																
P415989	SB	REAL	PZ54893839	08-SEP-89	N																
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	ALUMINUM	3500	MG/KG		/	40.9								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	ANTIMONY	12.3	MG/KG		U	12.3								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	ARSENIC	2.1	MG/KG		U	2.1								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	BARIUM	165	MG/KG		/	40.9								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	CALCIUM	3470	MG/KG		/	1020								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	CESIUM	512	MG/KG		U	512								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	CHROMIUM	3.6	MG/KG		/	2.0								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	COBALT	10.2	MG/KG		U	10.2								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	COPPER	15.7	MG/KG		/	5.1								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	IRON	9410	MG/KG		/	20.5								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	LEAD	6.5	MG/KG		/	1.3								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	LITHIUM	20.5	MG/KG		U	20.5								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	MAGNESIUM	1180	MG/KG		/	1020								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	MANGANESE	585	MG/KG		/	3.1								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	MOLYBDENUM	20.5	MG/KG		U	20.5								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	NICKEL	11.5	MG/KG		/	8.2								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	POTASSIUM	1020	MG/KG		U	1020								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	SODIUM	1020	MG/KG		U	1020								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	STRONTIUM	39.0	MG/KG		/	20.5								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	TIN	22.4	MG/KG		/	20.5								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	VANADIUM	17.2	MG/KG		/	10.2								
P415989	SB	REAL	PZ54893842	08-SEP-89	N	TRG	RFME	ZINC	61.1	MG/KG		/	4.1								
P415989	SB	REAL	PZ54894041	08-SEP-89	N																
P415989	SB	REAL	PZ54894142	08-SEP-89	N																
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	ALUMINUM	11500	MG/KG			40.7								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	ANTIMONY	18.0	MG/KG			12.2								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	ARSENIC	2.6	MG/KG			1.8								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	BARIUM	174	MG/KG			40.7								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG			1.0								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	CALCIUM	5390	MG/KG			1020								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	CESIUM	204	MG/KG		U	204								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	CHROMIUM	12.1	MG/KG			2.0								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	COBALT	10.2	MG/KG		U	10.2								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	COPPER	18.4	MG/KG			5.1								
P416889	SB	DUP	38920230	19-SEP-89	N	TRG	RFME	IRON	20100	MG/KG			20.4								
P416889	SB	DUP	38920230	19-SEP-89	N	TRG	RFME	LEAD	15.4	MG/KG			3.5								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	LITHIUM	20.4	MG/KG		U	20.4								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	MAGNESIUM	2250	MG/KG			1020								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	MANGANESE	419	MG/KG			3.1								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	MOLYBDENUM	20.4	MG/KG		U	20.4								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	NICKEL	12.3	MG/KG			8.1								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	POTASSIUM	1080	MG/KG			1020								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	SELENIUM	0.88	MG/KG		U	0.88								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	SODIUM	1020	MG/KG		U	1020								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	STRONTIUM	204	MG/KG		U	204								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	TIN	20.4	MG/KG		U	20.4								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	VANADIUM	42.2	MG/KG			10.2								
P416889	SB	DUP	PZ638920230	19-SEP-89	N	TRG	RFME	ZINC	134	MG/KG			4.1								
P416889	SB	DUP	PZ638921230	19-SEP-89	N																
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	ALUMINUM	8460	MG/KG			40.5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	ANTIMONY	12.2	MG/KG		U	12.2								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	ARSENIC	2.6	MG/KG			1.8								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	BARIUM	71.2	MG/KG			40.5								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	CALCIUM	1480	MG/KG			1010								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	CESIUM	203	MG/KG		U	203								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	CHROMIUM	8.7	MG/KG			2.0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	COBALT	17.6	MG/KG			10.1								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	COPPER	7.4	MG/KG			5.1								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	IRON	9810	MG/KG			20.3								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	LEAD	63.3	MG/KG			23.0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	LITHIUM	20.3	MG/KG		U	20.3								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	MAGNESIUM	1010	MG/KG		U	1010								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	MANGANESE	751	MG/KG			3.0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	MOLYBDENUM	20.3	MG/KG		U	20.3								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	NICKEL	14.5	MG/KG			8.1								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	POTASSIUM	1010	MG/KG		U	1010								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	SELENIUM	0.92	MG/KG		U	0.92								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	SODIUM	1010	MG/KG		U	1010								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	STRONTIUM	203	MG/KG		U	203								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	THALLIUM	1.8	MG/KG		U	1.8								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	TIN	20.3	MG/KG		U	20.3								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	VANADIUM	30.1	MG/KG			10.1								
P416889	SB	REAL	PZ63890002	19-SEP-89	N	TRG	RFME	ZINC	37.7	MG/KG			4.1								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	ALUMINUM	12000	MG/KG			46.0								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	ANTIMONY	13.8	MG/KG		U	13.8								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	ARSENIC	4.4	MG/KG			2.3								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	BARIUM	62.6	MG/KG			46.0								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG		U	1.1								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	CADMIUM	1.1	MG/KG		U	1.1								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	CALCIUM	31100	MG/KG			1150								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	CESIUM	230	MG/KG		U	230								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	CHROMIUM	11.2	MG/KG			2.3								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	COBALT	11.5	MG/KG		U	11.5								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	COPPER	5.7	MG/KG		U	5.7								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	IRON	11700	MG/KG			23.0								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	LEAD	7.9	MG/KG			2.3								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	LITHIUM	23.0	MG/KG		U	23.0								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	MAGNESIUM	2720	MG/KG			1150								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	MANGANESE	214	MG/KG			3.4								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P416889	SB	REAL	53890305	19-SEP-89	N	TRG	RFME	MOLYBDENUM	23.0	MG/KG		U	23.0								
P416889	SB	REAL	63890305	19-SEP-89	N	TRG	RFME	NICKEL	12.5	MG/KG			9.2								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	POTASSIUM	1150	MG/KG		U	1150								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	SILVER	2.3	MG/KG		U	2.3								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	SODIUM	1150	MG/KG		U	1150								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	STRONTIUM	230	MG/KG		U	230								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	THALLIUM	2.3	MG/KG		U	2.3								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	TIN	23.0	MG/KG		U	23.0								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	VANADIUM	29.8	MG/KG			11.5								
P416889	SB	REAL	PZ63890305	19-SEP-89	N	TRG	RFME	ZINC	18.3	MG/KG			4.6								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	ALUMINUM	9040	MG/KG			35.3								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	ANTIMONY	10.6	MG/KG		U	10.6								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	ARSENIC	2.2	MG/KG		U	2.2								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	BARIUM	49.4	MG/KG			35.3								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	BERYLLIUM	0.88	MG/KG		U	0.88								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	CADMIUM	0.88	MG/KG		U	0.88								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	CALCIUM	5960	MG/KG			882								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	CESIUM	176	MG/KG		U	176								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	CHROMIUM	7.8	MG/KG			1.8								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	COBALT	8.8	MG/KG		U	8.8								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	COPPER	4.4	MG/KG		U	4.4								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	IRON	6500	MG/KG			17.6								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	LEAD	4.1	MG/KG			1.1								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	LITHIUM	17.6	MG/KG		U	17.6								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	MAGNESIUM	2150	MG/KG			882								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	MANGANESE	70.5	MG/KG			2.6								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	MOLYBDENUM	17.6	MG/KG		U	17.6								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	NICKEL	7.1	MG/KG		U	7.1								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	POTASSIUM	882	MG/KG		U	882								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	SILVER	1.8	MG/KG		U	1.8								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	SODIUM	882	MG/KG		U	882								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	STRONTIUM	176	MG/KG		U	176								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	THALLIUM	2.2	MG/KG		U	2.2								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	TIN	17.6	MG/KG		U	17.6								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	VANADIUM	11.9	MG/KG			8.8								
P416889	SB	REAL	PZ63890507	19-SEP-89	N	TRG	RFME	ZINC	47.9	MG/KG			3.5								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	ALUMINUM	9390	MG/KG			41.0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	ANTIMONY	12.3	MG/KG		U	12.3								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	ARSENIC	8.0	MG/KG			2.1								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	BARIUM	95.3	MG/KG			41.0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	BERYLLIUM	1.0	MG/KG		U	1.0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	CADMIUM	1.0	MG/KG		U	1.0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	CALCIUM	2820	MG/KG			1020								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	CESIUM	205	MG/KG		U	205								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	CHROMIUM	10.3	MG/KG			2.0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	COBALT	20.2	MG/KG			10.2								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	COPPER	11.0	MG/KG			5.1								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	IRON	12400	MG/KG			20.5								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	LEAD	11.8	MG/KG			2.1								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	LITHIUM	20.5	MG/KG		U	20.5								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	MAGNESIUM	1980	MG/KG			1020								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	MANGANESE	418	MG/KG			3.1								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	MOLYBDENUM	20.5	MG/KG		U	20.5								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	NICKEL	11.7	MG/KG			8.2								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	POTASSIUM	1020	MG/KG		U	1020								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	SILVER	2.0	MG/KG		U	2.0								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	SODIUM	1020	MG/KG		U	1020								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	STRONTIUM	205	MG/KG		U	205								
P416889	SB	REAL	[illegible]3890709	19-SEP-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P416889	SB	REAL	[illegible]3890709	19-SEP-89	N	TRG	RFME	TIN	20.5	MG/KG		U	20.5								

1651601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	VANADIUM	35.4	MG/KG			10.2								
P416889	SB	REAL	PZ63890709	19-SEP-89	N	TRG	RFME	ZINC	43.8	MG/KG			4.1								
P416889	SB	REAL	PZ63890911	19-SEP-89	N																
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	ALUMINUM	9460	MG/KG			37.5								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	ANTIMONY	12.3	MG/KG			11.3								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	ARSENIC	5.4	MG/KG			2.0								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	BARIUM	56.2	MG/KG			37.5								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	BERYLLIUM	0.98	MG/KG			0.94								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	CADMIUM	0.94	MG/KG		U	0.94								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	CALCIUM	2890	MG/KG			938								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	CESIUM	188	MG/KG		U	188								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	CHROMIUM	12.4	MG/KG			1.9								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	COBALT	9.4	MG/KG		U	9.4								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	COPPER	14.0	MG/KG			4.7								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	IRON	17500	MG/KG			18.8								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	LEAD	4.1	MG/KG			0.99								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	LITHIUM	18.8	MG/KG		U	18.8								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	MAGNESIUM	2180	MG/KG			938								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	MANGANESE	327	MG/KG			2.8								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	MOLYBDENUM	18.8	MG/KG		U	18.8								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	NICKEL	10.5	MG/KG			7.5								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	POTASSIUM	938	MG/KG		U	938								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	SELENIUM	0.99	MG/KG		U	0.99								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	SODIUM	938	MG/KG		U	938								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	STRONTIUM	188	MG/KG		U	188								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	THALLIUM	2.0	MG/KG		U	2.0								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	TIN	18.8	MG/KG		U	18.8								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	VANADIUM	44.4	MG/KG			9.4								
P416889	SB	REAL	PZ63890912	19-SEP-89	N	TRG	RFME	ZINC	32.6	MG/KG			3.8								
P416889	SB	REAL	PZ63891112	19-SEP-89	N																
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	ALUMINUM	16400	MG/KG			37.6								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	ANTIMONY	13.0	MG/KG			11.3								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	ARSENIC	4.5	MG/KG			1.7								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	BARIUM	110	MG/KG			37.6								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	BERYLLIUM	1.1	MG/KG			0.94								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	CADMIUM	0.94	MG/KG		U	0.94								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	CALCIUM	4040	MG/KG			940								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	CESIUM	188	MG/KG		U	188								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	CHROMIUM	22.6	MG/KG			1.9								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	COBALT	10.4	MG/KG			9.4								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	COPPER	17.2	MG/KG			4.7								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	IRON	19400	MG/KG			18.8								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	LEAD	17.4	MG/KG			4.3								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	LITHIUM	18.8	MG/KG		U	18.8								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	MAGNESIUM	3610	MG/KG			940								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	MANGANESE	481	MG/KG			2.8								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	MERCURY	0.11	MG/KG		U	0.11								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	MOLYBDENUM	18.8	MG/KG		U	18.8								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	NICKEL	20.5	MG/KG			7.5								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	POTASSIUM	1410	MG/KG			940								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	SELENIUM	0.85	MG/KG		U	0.85								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	SODIUM	940	MG/KG		U	940								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	STRONTIUM	188	MG/KG		U	188								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	THALLIUM	1.7	MG/KG		U	1.7								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	TIN	18.8	MG/KG		U	18.8								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	VANADIUM	46.6	MG/KG			9.4								
P416889	SB	REAL	PZ63891315	19-SEP-89	N	TRG	RFME	ZINC	71.9	MG/KG			3.8								
P416889	SB	REAL	PZ63891517	19-SEP-89	N																
P416889	SB	REAL	F 391520	19-SEP-89	N	TRG	RFME	ALUMINUM	12100	MG/KG			38.0								
P416889	SB	REAL	F. 391520	19-SEP-89	N	TRG	RFME	ANTIMONY	14.2	MG/KG			11.4								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	ARSENIC	5.7	MG/KG			1.9								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	BARIUM	89.7	MG/KG			38.0								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	BERYLLIUM	0.95	MG/KG		U	0.95								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	CADMIUM	0.95	MG/KG		U	0.95								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	CALCIUM	2490	MG/KG			949								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	CESIUM	190	MG/KG		U	190								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	CHROMIUM	17.2	MG/KG			1.9								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	COBALT	9.5	MG/KG		U	9.5								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	COPPER	15.9	MG/KG			4.7								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	IRON	18000	MG/KG			19.0								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	LEAD	7.6	MG/KG			1.9								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	LITHIUM	19.0	MG/KG		U	19.0								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	MAGNESIUM	2630	MG/KG			949								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	MANGANESE	196	MG/KG			2.8								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	MOLYBDENUM	19.0	MG/KG		U	19.0								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	NICKEL	16.0	MG/KG			7.6								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	POTASSIUM	1210	MG/KG			949								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	SELENIUM	0.96	MG/KG		U	0.96								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	SODIUM	949	MG/KG		U	949								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	STRONTIUM	190	MG/KG		U	190								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	THALLIUM	1.9	MG/KG		U	1.9								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	TIN	19.0	MG/KG		U	19.0								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	VANADIUM	40.0	MG/KG			9.5								
P416889	SB	REAL	PZ63891520	19-SEP-89	N	TRG	RFME	ZINC	48.5	MG/KG			3.8								
P416889	SB	REAL	PZ63891719	19-SEP-89	N																
P416889	SB	REAL	PZ63891921	19-SEP-89	N																
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	ALUMINUM	10300	MG/KG			38.5								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	ANTIMONY	19.6	MG/KG			11.5								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	ARSENIC	3.2	MG/KG			2.1								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	BARIUM	164	MG/KG			38.5								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	BERYLLIUM	1.2	MG/KG			0.96								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	CADMIUM	0.96	MG/KG		U	0.96								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	CALCIUM	5440	MG/KG			962								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	CESIUM	192	MG/KG		U	192								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	CHROMIUM	11.0	MG/KG			1.9								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	COBALT	9.6	MG/KG		U	9.6								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	COPPER	18.8	MG/KG			4.8								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	IRON	20800	MG/KG			19.2								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	LEAD	18.9	MG/KG			3.2								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	LITHIUM	19.2	MG/KG		U	19.2								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	MAGNESIUM	2180	MG/KG			962								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	MANGANESE	371	MG/KG			2.9								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	MERCURY	0.12	MG/KG		U	0.12								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	MOLYBDENUM	19.2	MG/KG		U	19.2								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	NICKEL	13.2	MG/KG			7.7								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	POTASSIUM	1020	MG/KG			962								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	SELENIUM	1.1	MG/KG		U	1.1								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	SILVER	1.9	MG/KG		U	1.9								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	SODIUM	962	MG/KG		U	962								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	STRONTIUM	192	MG/KG	/	U	192								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	THALLIUM	2.1	MG/KG		U	2.1								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	TIN	19.2	MG/KG		U	19.2								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	VANADIUM	38.4	MG/KG			9.6								
P416889	SB	REAL	PZ63892023	19-SEP-89	N	TRG	RFME	ZINC	87.3	MG/KG			3.8								
P416889	SB	REAL	PZ63892123	19-SEP-89	N																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	R					10	U	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	ACETONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROFORM	1	UG/L		J	1	A					1	J	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/L		B	5	A					8	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	STYRENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	R					10	U	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	A					5	UJ	5

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
P317989	GW	REAL	GOP02890390001	23-MAR-90	N																
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	TRADS	GROSS ALPHA PARTICLE RADIOACTI	108	PCI/L	27		0								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	TRADS	GROSS BETA PARTICLE RADIOACTIV	40.5	PCI/L	10.2		0								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	TRADS	URANIUM-233,-234	49	PCI/L	5.7		0								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	TRADS	URANIUM-235/236	1.57	PCI/L	.43		0								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	TRADS	URANIUM-238	37.2	PCI/L	4.4		0								
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	DRADS	TRITIUM	244.9	PCI/L	210	J	400								
P317989	GW	REAL	P3179891289004	04-DEC-89	N																
P317989	GW		P317989-0521-02-1130	22-MAY-90																	

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE1
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ALUMINUM	35.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ALUMINUM					200								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ANTIMONY	26.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ANTIMONY					60								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ARSENIC	3.90	UG/L		BW									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ARSENIC					10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	BARIUM	40.30	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	BARIUM					200								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	BERYLLIUM	1.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	BERYLLIUM					5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	CADMIUM	2.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	CADMIUM					5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	CALCIUM	80700.00	UG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	CALCIUM					5000								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	CHROMIUM	5.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	CHROMIUM					10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	COBALT	4.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	COBALT					50								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	COPPER	6.30	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	COPPER					25								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	IRON	17.10	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	IRON					100								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	LEAD	2.00	UG/L		UW									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	LEAD					5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	MAGNESIUM	70600.00	UG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	MAGNESIUM					5000								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	MANGANESE	3.50	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	MANGANESE					15								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	MERCURY	0.25	UG/L		U	0.2								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	NICKEL	9.90	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	NICKEL					40								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	POTASSIUM	795.00	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	POTASSIUM					5000								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	SELENIUM	120.00	UG/L		N*S									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	SELENIUM					5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	SILVER	6.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	SILVER					10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	SODIUM	284000.00	UG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	SODIUM					5000								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	THALLIUM	3.00	UG/L		UNW									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	THALLIUM					10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	VANADIUM	6.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	VANADIUM					50								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ZINC	12.50	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETCLPTAL	ZINC					20								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	CESIUM	70.00	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	CESIUM					1000								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	LITHIUM	51.80	UG/L		B									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	LITHIUM					100								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	MOLYBDENUM	35.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	MOLYBDENUM					200								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	STRONTIUM	1610.00	UG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	STRONTIUM					200								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	TIN	25.00	UG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	DMETNOCLP	TIN					200								
P317989	GW	REAL	GW00119IT	23-AUG-90	N																
P317989	GW	REAL	GW007951T	12-DEC-90	N																
P317989	GW	REAL	P3179891289004	04-DEC-89	N																
P317989	GW		P317989-0521-02-1130	22-MAY-90																	

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	ACETONE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	TRICHLOROETHENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5								
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10.00								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10.00								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10.00								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	ACETONE	6	UG/L		J	10.00								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10.00								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10.00								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10.00								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	1	UG/L		BJ	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW001191T	23-AUG-90	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5.000								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	VOCCLPTCL	TRICHLOROETHENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10.00								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10.00								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW00119IT	23-AUG-90	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5.000								
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	ACETONE	28	UG/L		B	10.00	JA						U	
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	TRICHLOROETHENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10.00	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	GW00795IT	12-DEC-90	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5.000	V							
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	R					10	U	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	ACETONE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROFORM	1	UG/L		J	1	A					1	J	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	F [illegible]891289004	04-DEC-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	F. [illegible]/891289004	04-DEC-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	A					5	UJ	5

114601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	METHYLENE CHLORIDE	8	UG/L		B	5	A					8	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	STYRENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	R					10	U	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	A					10	UJ	10
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW	REAL	P3179891289004	04-DEC-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	A					5	UJ	5
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	ACETONE	5	UG/L		JB	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	METHYLENE CHLORIDE	6	UG/L		B	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	TRICHLOROETHENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	BICARBONATE	330	MG/L				V·							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	CARBONATE	5	MG/L		U		V·							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	CHLORIDE	130	MG/L				V·							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	FLUORIDE	5.9	MG/L				V·							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	NITRATE/NITRITE	5.4	MG/L				V·							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	SULFATE	650	MG/L				V·							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	TOTAL DISSOLVED SOLIDS	1500	MG/L				V·							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N	TRG	RFIN	pH	8.0	HUNIT		·		·P							
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	BICARBONATE	330	MG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	CARBONATE	5	MG/L		U									
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	CHLORIDE	130	MG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	FLUORIDE	5.9	MG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	NITRATE/NITRITE	5.4	MG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	SULFATE	650	MG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	TOTAL DISSOLVED SOLIDS	1500	MG/L											
P317989	GW	REAL	GOP02890390001	23-MAR-90	N		WQPL	pH	8.0	PHUNIT											
P317989	GW	REAL	GW001191T	23-AUG-90	N																
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	BICARBONATE AS CACO3	300	MG/L			1.0								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	CARBONATE AS CACO3	0	MG/L			1.0								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	CHLORIDE	170	MG/L			0.2								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	FLUORIDE	6.8	MG/L			0.1								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	NITRATE/NITRITE	4.2	MG/L			0.02								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	SILICA, DISSOLVED	5.9	MG/L			0.4								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	SULFATE	690	MG/L			2.0								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	TOTAL DISSOLVED SOLIDS	1600	MG/L			10.0								
P317989	GW	REAL	GW007951T	12-DEC-90	N	TRG	WQPL	TOTAL SUSPENDED SOLIDS	16	MG/L			4.0								
P317989	GW	REAL	P3179891289004	04-DEC-89	N																
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	BICARBONATE AS CACO3	312	MG/L			2								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	CARBONATE AS CACO3	2	MG/L		U	2								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	CHLORIDE	128	MG/L			25								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	FLUORIDE	5	MG/L			0.1								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	NITRITE	0.1	MG/L		U	0.1								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	SULFATE	638	MG/L			250								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	TOTAL DISSOLVED SOLIDS	1620	MG/L			5								
P317989	GW		P317989-0521-02-1130	22-MAY-90		TRG	WQPL	TOTAL SUSPENDED SOLIDS	5	MG/L		U	5								

.ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
)187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	AMERICIUM-241	0.03	PCI/G	0.06										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	CESIUM-137	1.3	PCI/G	1.0										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	24	PCI/G	10										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	24	PCI/G	6										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	PLUTONIUM-239/240	0.06	PCI/G	0.11										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	STRONTIUM-89,90	0.1	PCI/G	0.6										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	TRITIUM	0.60	PCI/ML	0.22										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	URANIUM, TOTAL	0.7700												
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	URANIUM-233,-234	0.42	PCI/G	0.13										
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFRA	URANIUM-238	0.35	PCI/G	0.12										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	AMERICIUM-241	0.00	PCI/G	0.04										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	CESIUM-137	0.7	PCI/G	1.0										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	22	PCI/G	10										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	19	PCI/G	6										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	PLUTONIUM-239/240	-0.03	PCI/G	0.07										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	STRONTIUM-89,90	0.4	PCI/G	0.7										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	TRITIUM	0.50	PCI/ML	0.22										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	URANIUM, TOTAL	1.4500												
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	URANIUM-233,-234	0.87	PCI/G	0.23										
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFRA	URANIUM-238	0.58	PCI/G	0.19										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	AMERICIUM-241	0.04	PCI/G	0.06										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	CESIUM-137	0.3	PCI/G	0.8										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	GROSS ALPHA PARTICLE RADIOACTI	17	PCI/G	9										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	GROSS BETA PARTICLE RADIOACTIV	23	PCI/G	6										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	PLUTONIUM-239/240	0.03	PCI/G	0.08										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	STRONTIUM-89,90	-0.1	PCI/G	0.6										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	TRITIUM	0.13	PCI/ML	0.21										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	URANIUM, TOTAL	1.9700												
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	URANIUM-233,-234	0.87	PCI/G	0.18										
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFRA	URANIUM-238	1.1	PCI/G	0.2										

.ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
)187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	ALUMINUM	11100	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	ANTIMONY	12.00	MG/KG		U									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	ARSENIC	8.9	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	BARIUM	131	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	BERYLLIUM	0.8	MG/KG		J									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	CADMIUM	2.7	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	CALCIUM	3160	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	CESIUM	NR	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	CHROMIUM	14	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	COBALT	10.00	MG/KG		U									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	COPPER	4.8	MG/KG		J									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	IRON	9650	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	LEAD	4.6	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	MAGNESIUM	2520	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	MANGANESE	48	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	MERCURY	0.45	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	MOLYBDENUM	NR	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	NICKEL	7.9	MG/KG		J									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	POTASSIUM	810	MG/KG		J									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	SELENIUM	1.00	MG/KG		U									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	SILVER	2.00	MG/KG		U									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	SODIUM	510	MG/KG		J									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	STRONTIUM	33	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	THALLIUM	2.00	MG/KG		U									
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	VANADIUM	19	MG/KG											
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFME	ZINC	22	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	ALUMINUM	13500	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	ANTIMONY	12.00	MG/KG		U									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	ARSENIC	4.8	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	BARIUM	52	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	BERYLLIUM	0.8	MG/KG		J									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	CADMIUM	2.8	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	CALCIUM	4650	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	CESIUM	NR	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	CHROMIUM	12	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	COBALT	10.00	MG/KG		U									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	COPPER	14	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	IRON	6360	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	LEAD	23	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	MAGNESIUM	2210	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	MANGANESE	12	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	MERCURY	0.20	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	MOLYBDENUM	NR	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	NICKEL	8.00	MG/KG		U									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	POTASSIUM	957	MG/KG		J									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	SELENIUM	1.00	MG/KG		U									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	SILVER	2.1	MG/KG		U									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	SODIUM	581	MG/KG		J									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	STRONTIUM	46	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	THALLIUM	2.00	MG/KG		U									
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	VANADIUM	23	MG/KG											
)187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFME	ZINC	36	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	ALUMINUM	9660	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	ANTIMONY	12.00	MG/KG		U									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	ARSENIC	2.8	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	BARIUM	50	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	BERYLLIUM	0.8	MG/KG		J									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	CADMIUM	1.2	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	CALCIUM	4200	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	CESIUM	NR	MG/KG											
)187	SB	REAL	P[illegible]18710WS	04-JUN-87	N	TRG	RFME	CHROMIUM	9.0	MG/KG											
)187	SB	REAL	8710WS	04-JUN-87	N	TRG	RFME	COBALT	10.00	MG/KG		U									

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	COPPER	13	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	IRON	3600	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	LEAD	20	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	MAGNESIUM	1800	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	MANGANESE	28	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	MERCURY	0.10	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	MOLYBDENUM	NR	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	NICKEL	8.00	MG/KG		U									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	POTASSIUM	777	MG/KG		J									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	SELENIUM	1.00	MG/KG		U									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	SILVER	2.00	MG/KG		U									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	SODIUM	521	MG/KG		J									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	STRONTIUM	52	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	THALLIUM	2.00	MG/KG		U									
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	VANADIUM	18	MG/KG											
)187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFME	ZINC	40	MG/KG											

.ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
)187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	1,2,4-TRICHLOROBENZENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	1,2-DICHLOROBENZENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	1,3-DICHLOROBENZENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	1,4-DICHLOROBENZENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2,4,5-TRICHLOROPHENOL	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2,4,6-TRICHLOROPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2,4-DICHLOROPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2,4-DIMETHYLPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2,4-DINITROPHENOL	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2,4-DINITROTOLUENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2,6-DINITROTOLUENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2-CHLORONAPHTHALENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2-CHLOROPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2-METHYLNAPHTHALENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2-METHYLPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2-NITROANILINE	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	2-NITROPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	3,3'-DICHLOROBENZIDINE	660.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	3-NITROANILINE	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4,6-DINITRO-2-METHYLPHENOL	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4-BROMOPHENYL PHENYL ETHER	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4-CHLORO-3-METHYLPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4-CHLOROANILINE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4-CHLOROPHENYL PHENYL ETHER	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4-METHYLPHENOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4-NITROANILINE	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	4-NITROPHENOL	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	ACENAPHTHENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	ACENAPHTHYLENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	ANTHRACENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BENZO(a)ANTHRACENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BENZO(a)PYRENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BENZO(b)FLUORANTHENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BENZO(ghi)PERYLENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BENZO(k)FLUORANTHENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BENZOIC ACID	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BENZYL ALCOHOL	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROETHOXY)METHANE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROETHYL)ETHER	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROISOPROPYL)ETHER	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BIS(2-ETHYLHEXYL)PHTHALATE	880	UG/KG				N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	BUTYL BENZYL PHTHALATE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	CHRYSENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	DI-n-BUTYL PHTHALATE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	DI-n-OCTYL PHTHALATE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	DIBENZO(a,h)ANTHRACENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	DIBENZOFURAN	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	DIETHYL PHTHALATE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	DIMETHYL PHTHALATE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	FLUORANTHENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	FLUORENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	HEXACHLOROBENZENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	HEXACHLOROBUTADIENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	HEXACHLOROCYCLOPENTADIENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	HEXACHLOROETHANE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	INDENO(1,2,3-cd)PYRENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	ISOPHORONE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	N-NITROSO-DI-n-PROPYLAMINE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	N-NITROSODIPHENYLAMINE	1600.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	NAPHTHALENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	NITROBENZENE	330.00	UG/KG		U		N							
)187	SB	REAL	BH[illegible]1WT	04-JUN-87	N	TRG	RFSV	PENTACHLOROPHENOL	1600.00	UG/KG		U		N							

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	PHENANTHRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	PHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFSV	PYRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	1,1-DICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	1,1-DICHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	1,2-DICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	1,2-DICHLOROPROPANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	2-BUTANONE	120	UG/KG		B									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	2-HEXANONE	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	4-METHYL-2-PENTANONE	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	ACETONE	400	UG/KG		B									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	BENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	BROMODICHLOROMETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	BROMOFORM	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	BROMOMETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	CARBON DISULFIDE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	CARBON TETRACHLORIDE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	CHLOROBENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	CHLOROETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	CHLOROFORM	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	CHLOROMETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	DIBROMOCHLOROMETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	ETHYLBENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		JB									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	STYRENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	TETRACHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	TOLUENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	TOTAL XYLENES	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	TRICHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	VINYL ACETATE	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	VINYL CHLORIDE	50.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	trans-1,2-DICHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	1,2,4-TRICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	1,2-DICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	1,3-DICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	1,4-DICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2,4,5-TRICHLOROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2,4,6-TRICHLOROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2,4-DICHLOROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2,4-DIMETHYLPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2,4-DINITROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2,4-DINITROTOLUENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2,6-DINITROTOLUENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2-CHLORONAPHTHALENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2-CHLOROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2-METHYLNAPHTHALENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2-METHYLPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2-NITROANILINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	2-NITROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	3,3'-DICHLOROBENZIDINE	660.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	3-NITROANILINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4,6-DINITRO-2-METHYLPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4-BROMOPHENYL PHENYL ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4-CHLORO-3-METHYLPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4-CHLOROANILINE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4-CHLOROPHENYL PHENYL ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4-METHYLPHENOL	330.00	UG/KG		U		N							

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4-NITROANILINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	4-NITROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	ACENAPHTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	ACENAPHTHYLENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	ANTHRACENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BENZO(a)ANTHRACENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BENZO(a)PYRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BENZO(b)FLUORANTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BENZO(ghi)PERYLENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BENZO(k)FLUORANTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BENZOIC ACID	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BENZYL ALCOHOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROETHOXY)METHANE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROETHYL)ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROISOPROPYL)ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BIS(2-ETHYLHEXYL)PHTHALATE	1100	UG/KG				N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	BUTYL BENZYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	CHRYSENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	DI-n-BUTYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	DI-n-OCTYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	DIBENZO(a,h)ANTHRACENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	DIBENZOFURAN	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	DIETHYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	DIMETHYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	FLUORANTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	FLUORENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROBUTADIENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROCYCLOPENTADIENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROETHANE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	INDENO(1,2,3-cd)PYRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	ISOPHORONE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	N-NITROSO-DI-n-PROPYLAMINE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	N-NITROSODIPHENYLAMINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	NAPHTHALENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	NITROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	PENTACHLOROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	PHENANTHRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	PHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFSV	PYRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	1,1-DICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	1,1-DICHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	1,2-DICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	1,2-DICHLOROPROPANE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	2-BUTANONE	120	UG/KG		B									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	50.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	2-HEXANONE	50.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	4-METHYL-2-PENTANONE	50.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	ACETONE	400	UG/KG		B									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	BENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	BROMODICHLOROMETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	BROMOFORM	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	BROMOMETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	CARBON DISULFIDE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	CARBON TETRACHLORIDE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	CHLOROBENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	CHLOROETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	CHLOROFORM	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	CHLOROMETHANE	50.00	UG/KG		U									
0187	SB	REAL	8704WS	04-JUN-87	N	TRG	RFVO	DIBROMOCHLOROMETHANE	25.00	UG/KG		U									

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	ETHYLBENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	METHYLENE CHLORIDE	12	UG/KG		JB									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	STYRENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	TETRACHLOROETHENE	190	UG/KG											
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	TOLUENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	TOTAL XYLENES	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	TRICHLOROETHENE	120	UG/KG											
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	VINYL ACETATE	50.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	VINYL CHLORIDE	50.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	25.00	UG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	trans-1,2-DICHLOROETHENE	18	UG/KG		J									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	1,2,4-TRICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	1,2-DICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	1,3-DICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	1,4-DICHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2,4,5-TRICHLOROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2,4,6-TRICHLOROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2,4-DICHLOROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2,4-DIMETHYLPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2,4-DINITROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2,4-DINITROTOLUENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2,6-DINITROTOLUENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2-CHLORONAPHTHALENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2-CHLOROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2-METHYLNAPHTHALENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2-METHYLPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2-NITROANILINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	2-NITROPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	3,3'-DICHLOROBENZIDINE	660.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	3-NITROANILINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4,6-DINITRO-2-METHYLPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4-BROMOPHENYL PHENYL ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4-CHLORO-3-METHYLPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4-CHLOROANILINE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4-CHLOROPHENYL PHENYL ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4-METHYLPHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4-NITROANILINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	4-NITROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	ACENAPHTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	ACENAPHTHYLENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	ANTHRACENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BENZO(a)ANTHRACENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BENZO(a)PYRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BENZO(b)FLUORANTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BENZO(ghi)PERYLENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BENZO(k)FLUORANTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BENZOIC ACID	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BENZYL ALCOHOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROETHOXY)METHANE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROETHYL)ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BIS(2-CHLOROISOPROPYL)ETHER	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BIS(2-ETHYLHEXYL)PHTHALATE	140	UG/KG		J		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	BUTYL BENZYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	CHRYSENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	DI-n-BUTYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	DI-n-OCTYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	DIBENZO(a,h)ANTHRACENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	DIBENZOFURAN	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	DIETHYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	DIMETHYL PHTHALATE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	FLUORANTHENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	FLUORENE	330.00	UG/KG		U		N							

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROBUTADIENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROCYCLOPENTADIENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	HEXACHLOROETHANE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	INDENO(1,2,3-cd)PYRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	ISOPHORONE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	N-NITROSO-DI-n-PROPYLAMINE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	N-NITROSODIPHENYLAMINE	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	NAPHTHALENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	NITROBENZENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	PENTACHLOROPHENOL	1600.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	PHENANTHRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	PHENOL	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFSV	PYRENE	330.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	1,1-DICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	1,1-DICHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	1,2-DICHLOROETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	1,2-DICHLOROPROPANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	2-BUTANONE	77	UG/KG		B									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	2-HEXANONE	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	4-METHYL-2-PENTANONE	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	ACETONE	470	UG/KG		B									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	BENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	BROMODICHLOROMETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	BROMOFORM	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	BROMOMETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	CARBON DISULFIDE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	CARBON TETRACHLORIDE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	CHLOROBENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	CHLOROETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	CHLOROFORM	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	CHLOROMETHANE	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	DIBROMOCHLOROMETHANE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	ETHYLBENZENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/KG		JB									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	STYRENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	TETRACHLOROETHENE	11	UG/KG		J									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	TOLUENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	TOTAL XYLENES	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	TRICHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	VINYL ACETATE	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	VINYL CHLORIDE	50.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	trans-1,2-DICHLOROETHENE	25.00	UG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	25.00	UG/KG		U									

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFIN	% SOLIDS	89.2	%											
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFIN	CYANIDE	1.2	MG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFIN	IGNITABILITY	>230	F											
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFIN	OIL AND GREASE	1.7	MG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFIN	SULFIDE	200	MG/KG		U									
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFIN	pH	8.85	PHUNIT											
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	4,4'-DDD	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	4,4'-DDE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	4,4'-DDT	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	ALDRIN	2.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	AROCLOR-1016	20.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	AROCLOR-1221	20.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	AROCLOR-1232	20.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	AROCLOR-1242	20.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	AROCLOR-1248	20.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	AROCLOR-1254	40.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	AROCLOR-1260	40.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	CHLORDANE	20.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	DIELDRIN	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	ENDOSULFAN I	2.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	ENDOSULFAN II	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	ENDOSULFAN SULFATE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	ENDRIN	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	ENDRIN KETONE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	HEPTACHLOR	2.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	HEPTACHLOR EPOXIDE	2.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	METHOXYCHLOR	20.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	TOXAPHENE	40.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	alpha-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	beta-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	delta-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018701WT	04-JUN-87	N	TRG	RFPP	gamma-BHC (LINDANE)	2.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFIN	% SOLIDS	84.0	%											
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFIN	CYANIDE	1.2	MG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFIN	IGNITABILITY	>230	F											
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFIN	OIL AND GREASE	1.7	MG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFIN	SULFIDE	200	MG/KG		U									
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFIN	pH	8.70	PHUNIT											
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	4,4'-DDD	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	4,4'-DDE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	4,4'-DDT	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	ALDRIN	2.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1016	20.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1221	20.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1232	20.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1242	20.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1248	20.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1254	40.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1260	40.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	CHLORDANE	20.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	DIELDRIN	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	ENDOSULFAN I	2.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	ENDOSULFAN II	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	ENDOSULFAN SULFATE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	ENDRIN	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	ENDRIN KETONE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	HEPTACHLOR	2.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	HEPTACHLOR EPOXIDE	2.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	METHOXYCHLOR	20.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	TOXAPHENE	40.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	alpha-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	beta-BHC	2.00	UG/KG		U		N							

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	delta-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018704WS	04-JUN-87	N	TRG	RFPP	gamma-BHC (LINDANE)	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFIN	% SOLIDS	86.1	%											
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFIN	CYANIDE	1.2	MG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFIN	IGNITABILITY	>230	F											
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFIN	OIL AND GREASE	1.7	MG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFIN	SULFIDE	200	MG/KG		U									
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFIN	pH	8.80	PHUNIT											
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	4,4'-DDD	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	4,4'-DDE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	4,4'-DDT	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	ALDRIN	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1016	20.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1221	20.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1232	20.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1242	20.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1248	20.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1254	40.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	AROCLOR-1260	40.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	CHLORDANE	20.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	DIELDRIN	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	ENDOSULFAN I	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	ENDOSULFAN II	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	ENDOSULFAN SULFATE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	ENDRIN	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	ENDRIN KETONE	4.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	HEPTACHLOR	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	HEPTACHLOR EPOXIDE	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	METHOXYCHLOR	20.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	TOXAPHENE	40.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	alpha-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	beta-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	delta-BHC	2.00	UG/KG		U		N							
0187	SB	REAL	BH018710WS	04-JUN-87	N	TRG	RFPP	gamma-BHC (LINDANE)	2.00	UG/KG		U		N							

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	AMERICIUM-241	0.03	PCI/L	0.25		MDA 1								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	GROSS ALPHA PARTICLE RADIOACTI	15	PCI/L	11		MDA 2								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	GROSS BETA PARTICLE RADIOACTIV	15	PCI/L	30		MDA 5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	PLUTONIUM-239/240	0.00	PCI/L	0.26		MDA 0								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	URANIUM, TOTAL	14.2400												
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	URANIUM-233,-234	8.4	PCI/L	0.7										
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	URANIUM-235	0.34	PCI/L	0.11										
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFRS	URANIUM-238	5.5	PCI/L	0.5										
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N																
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N																
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N																
0187	GW	REAL	G01870290001	02-FEB-90	N																
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	AMERICIUM-241	0.00	PCI/L	0.04										
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	GROSS ALPHA PARTICLE RADIOACTI	31	PCI/L	12										
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	GROSS BETA PARTICLE RADIOACTIV	15	PCI/L	6										
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	PLUTONIUM-239/240	0.01	PCI/L	0.02										
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	URANIUM, TOTAL	20.8000												
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	URANIUM-233,-234	12	PCI/L	1										
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	URANIUM-235	0.2	PCI/L	0.1										
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFRS	URANIUM-238	8.6	PCI/L	0.7										
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	AMERICIUM-241	0.00	PCI/L	0.01		0.								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	GROSS ALPHA PARTICLE RADIOACTI	28	PCI/L	17		21								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	GROSS BETA PARTICLE RADIOACTIV	17	PCI/L	8		13								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	PLUTONIUM-239/240	0.00	PCI/L	0.01		0.								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	TRITIUM	280	PCI/L	200		27								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	URANIUM-233,-234	13	PCI/L	1		0.								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	URANIUM-235	0.6	PCI/L	0.2		0.								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFRS	URANIUM-238	9.0	PCI/L	0.7		0.								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	AMERICIUM-241	0.00	PCI/L	0.01		0.01								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	CESIUM-137	**												
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	GROSS ALPHA PARTICLE RADIOACTI	28	PCI/L	17		21								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	GROSS BETA PARTICLE RADIOACTIV	17	PCI/L	8		13								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	PLUTONIUM-239	0.00	PCI/L	0.01		0.01								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	RADIUM-226	**												
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	STRONTIUM-90	**												
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	TRITIUM	280	PCI/L	200		270								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	URANIUM-233,-234	13	PCI/L	1		0.1								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	URANIUM-235	0.6	PCI/L	0.2		0.1								
0187	GW	REAL	G01870889002	17-AUG-89	N		DRADS	URANIUM-238	9.0	PCI/L	0.7		0.1								
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	AMERICIUM-241	IV												
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	CESIUM-137	1.36	PCI/L	0.54		0.72								
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	GROSS ALPHA PARTICLE RADIOACTI	17.7	PCI/L	3.0		2.1								
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	PLUTONIUM-239	IV												
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	STRONTIUM-90	0.31	PCI/L	0.62		0.97								
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	URANIUM-233,-234	3.98	PCI/L	1.08		0.00								
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	URANIUM-235	0.37	PCI/L	0.33		0.00								
0187	GW	REAL	G01871089003	27-OCT-89	N		DRADS	URANIUM-238	3.17	PCI/L	0.97		0.00								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DRADS	GROSS ALPHA - DISSOLVED	9.743	PCI/L	5.77		2								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DRADS	GROSS BETA - DISSOLVED	10.34	PCI/L	3.33		4								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DRADS	RADIUM-226	.8352	PCI/L	.258		.5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DRADS	TRITIUM	277.6	PCI/L	219	J	400								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DRADS	URANIUM-233,-234	14.74	PCI/L	2.38		.6								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DRADS	URANIUM-235	.2085	PCI/L	.191	J	.6								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DRADS	URANIUM-238	10.67	PCI/L	1.86		.6								
0187	GW	REAL	GW00506IT	16-OCT-90	N	TRG	DRADS	GROSS ALPHA - DISSOLVED	16.34	PCI/L	8.88		2								
0187	GW	REAL	GW00506IT	16-OCT-90	N	TRG	DRADS	GROSS BETA - DISSOLVED	8.232	PCI/L	2.72		4								
0187	GW	REAL	GW00506IT	16-OCT-90	N	TRG	DRADS	URANIUM-233,-234	9.697	PCI/L	1.88		.6								
0187	GW	REAL	GW00506IT	16-OCT-90	N	TRG	DRADS	URANIUM-235	.1551	PCI/L	.18	J	.6								
0187	GW	REAL	GW00506IT	16-OCT-90	N	TRG	DRADS	URANIUM-238	6.358	PCI/L	1.4		.6								
0187	GW	REAL	GW01290IT	15-MAY-91	N	TRG	DRADS	TRITIUM	126.4	PCI/L	193	J	400								
0187	GW	REAL	GW01659IT	15-AUG-91	N	TRG	DRADS	GROSS ALPHA - DISSOLVED	4.959	PCI/L	3.27		2								
0187	GW	REAL	GW[illegible]59IT	15-AUG-91	N	TRG	DRADS	GROSS BETA - DISSOLVED	7.488	PCI/L	2.22		4								
0187	GW	REAL	GW[illegible]91IT	15-AUG-91	N	TRG	DRADS	TRITIUM	65.28	PCI/L	189	J	400								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DRADS	URANIUM-233,-234	8.486	PCI/L	1.71		.6								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DRADS	URANIUM-235	.1044	PCI/L	.148	J	.6								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DRADS	URANIUM-238	4.741	PCI/L	1.16		.6								
0187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
0187	GW	REAL	GW020761T	05-DEC-91	N																
0187	GW	REAL	GW024311T	19-FEB-92	N																
0187	GW		GW0187-01-12-89	12-JAN-89	Y																
0187	GW		GW0187-04-11-88	11-APR-88	Y																
0187	GW		GW0187-04-24-89	24-APR-89	Y																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N																
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N																
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N																
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N																
0187	GW	REAL	G01870290001	02-FEB-90	N																
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	ALUMINUM	148	UG/L		B	200								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	ANTIMONY	51.6	UG/L		B	60.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	ARSENIC	1.5	UG/L		B	10.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	BARIUM	264	UG/L		/	200								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	BERYLLIUM	1.8	UG/L		B	5.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	CADMIUM	2.2	UG/L		U	5.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	CALCIUM	162000	UG/L		/	5000								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	CESIUM	1000	UG/L		U	100								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	CHROMIUM	2.6	UG/L		U	10.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	COBALT	22.6	UG/L		B	50.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	COPPER	14.6	UG/L		B	25.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	IRON	5820	UG/L		/	100								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	LEAD	1.6	UG/L		B	5.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	LITHIUM	100	UG/L		U	100								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	MAGNESIUM	40100	UG/L		/	5000								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	MANGANESE	3330	UG/L		/	15.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	MERCURY	0.20	UG/L		U	0.20								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	MOLYBDENUM	100	UG/L		U	100								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	NICKEL	29.8	UG/L		B	40.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	POTASSIUM	4050	UG/L		B	5000								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	SELENIUM	1.9	UG/L		B	5.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	SILVER	6.7	UG/L		U	10.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	SODIUM	104000	UG/L		/	5000								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	STRONTIUM	943	UG/L		/	100								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	THALLIUM	1.5	UG/L		U	10.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	TIN	100	UG/L		U	100								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	VANADIUM	2.1	UG/L		U	50.0								
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFMS	ZINC	73.5	UG/L		/	20.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	ALUMINUM	200	UG/L		U	200								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	ANTIMONY	60.0	UG/L		U	60.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	ARSENIC	10.0	UG/L		U	10.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	BARIUM	244	UG/L		/	200								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	BERYLLIUM	5.0	UG/L		U	5.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	CADMIUM	5.0	UG/L		U	5.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	CALCIUM	144000	UG/L		/	5000								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	CESIUM	1000	UG/L		U	1000								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	CHROMIUM	10.0	UG/L		U	10.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	COBALT	50.0	UG/L		U	50.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	COPPER	25.0	UG/L		U	25.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	IRON	2190	UG/L		/	100								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	LEAD	3.0	UG/L		U	3.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	LITHIUM	100	UG/L		U	100								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	MAGNESIUM	36400	UG/L		/	5000								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	MANGANESE	1730	UG/L		/	15.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	MERCURY	0.20	UG/L		U	0.20								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	MOLYBDENUM	100	UG/L		U	100								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	NICKEL	40.0	UG/L		U	40.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	POTASSIUM	5000	UG/L		U	5000								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	SELENIUM	5.0	UG/L		U	5.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	SILVER	10.0	UG/L		U	10.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	SODIUM	91300	UG/L		/	5000								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	STRONTIUM	1000	UG/L		U	1000								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	THALLIUM	10.0	UG/L		U	10.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	TIN	100	UG/L		U	100								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	VANADIUM	50.0	UG/L		U	50.0								
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFMS	ZINC	20.0	UG/L		U	20.0								
0187	GW	REAL	871089003	27-OCT-89	N	TRG	RFMS	ALUMINUM	200	UG/L		U	200								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	ANTIMONY	60.0	UG/L		U	60.0								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	ARSENIC	10.0	UG/L		U	10.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	BARIUM	200	UG/L		U	200								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	BERYLLIUM	5.0	UG/L		U	5.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	CADMIUM	5.0	UG/L		U	5.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	CALCIUM	84100	UG/L			5000								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	CESIUM	2500	UG/L		U	2500								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	CHROMIUM	1.0	UG/L		U	10.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	COBALT	50.0	UG/L		U	50.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	COPPER	25.0	UG/L		U	25.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	IRON	18.90	UG/L			100								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	LEAD	3.0	UG/L		U	3.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	LITHIUM	100	UG/L		U	100								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	MAGNESIUM	21800	UG/L			5000								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	MANGANESE	707	UG/L			15.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	MERCURY	0.28	UG/L			0.20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	MOLYBDENUM	.100	MG/L		U	100								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	NICKEL	40.0	UG/L		U	40.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	POTASSIUM	5000	UG/L		U	5000								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	SELENIUM	5.0	UG/L		U	5.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	SILVER	10.0	UG/L	/	U	10.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	SODIUM	70500	UG/L			5000								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	STRONTIUM	518	UG/L			100								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	THALLIUM	10.0	UG/L		U	10.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	TIN	100	UG/L		U	100								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	VANADIUM	50.0	UG/L		U	50.0								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFMS	ZINC	87.5	UG/L			20.0								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	ALUMINUM	63.5	UG/L		B	200								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	ANTIMONY	28.5	UG/L		B	60								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	ARSENIC	0.80	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	BARIUM	281	UG/L			200								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	BERYLLIUM	2.0	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	CADMIUM	2.0	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	CALCIUM	150000	UG/L			5000								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	CHROMIUM	4.0	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	COBALT	13.4	UG/L		B	50								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	COPPER	16.0	UG/L		B	25								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	IRON	1060	UG/L			100								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	LEAD	0.70	UG/L		U	3								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	MAGNESIUM	41000	UG/L			5000								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	MANGANESE	1190	UG/L			15								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	MERCURY	0.10	UG/L		U	0.2								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	NICKEL	229	UG/L			40								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	POTASSIUM	4050	UG/L		B	5000								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	SELENIUM	5.6	UG/L			5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	SILVER	2.0	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	SODIUM	117000	UG/L			5000								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	THALLIUM	2.0	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	VANADIUM	12.3	UG/L		B	50								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETCLPTAL	ZINC	126	UG/L			20								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETNOCLP	CESIUM	60.0	UG/L		U	1000								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETNOCLP	LITHIUM	35.0	UG/L		U	100								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETNOCLP	MOLYBDENUM	70.0	UG/L		U	200								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETNOCLP	PHOSPHORUS	842	UG/L		B	1000								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETNOCLP	SILICON	5130	UG/L			5000								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETNOCLP	STRONTIUM	993	UG/L			200								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	DMETNOCLP	TIN	24.0	UG/L		U	200								
0187	GW	REAL	GW00506IT	16-OCT-90	N																
0187	GW	REAL	GW01290IT	15-MAY-91	N																
0187	GW	REAL	GW01659IT	15-AUG-91	N	TRG	DMETCLPTAL	ALUMINUM	42.80	UG/L		B	200.0								
0187	GW	REAL	GW01659IT	15-AUG-91	N	TRG	DMETCLPTAL	ANTIMONY	8.00	UG/L		U	60.00								
0187	GW	REAL	GW01659IT	15-AUG-91	N	TRG	DMETCLPTAL	ARSENIC	2.00	UG/L		U	10.00								
0187	GW	REAL	G 5591T	15-AUG-91	N	TRG	DMETCLPTAL	BARIUM	142.00	UG/L		BE	200.0								
0187	GW	REAL	G 6591T	15-AUG-91	N	TRG	DMETCLPTAL	BERYLLIUM	1.00	UG/L		U	5.000								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	CADMIUM	1.00	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	CALCIUM	78300.00	UG/L			5000.								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	CHROMIUM	4.00	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	COBALT	4.20	UG/L		B	50.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	COPPER	27.90	UG/L			25.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	IRON	734.00	UG/L			100.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	LEAD	1.00	UG/L		U	3.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	MAGNESIUM	19700.00	UG/L			5000.								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	MANGANESE	623.00	UG/L			15.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	MERCURY	0.20	UG/L		U	0.200								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	NICKEL	31.10	UG/L		B	40.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	POTASSIUM	2380.00	UG/L		B	5000.								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	SELENIUM	2.00	UG/L		B	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	SILVER	2.00	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	SODIUM	89100.00	UG/L			5000.								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	THALLIUM	2.00	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	VANADIUM	3.40	UG/L		B	50.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETCLPTAL	ZINC	46.90	UG/L			20.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETNOCLP	CESIUM	40.00	UG/L		B	1000.								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETNOCLP	LITHIUM	11.30	UG/L		B	100.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETNOCLP	MOLYBDENUM	4.50	UG/L		B	200.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETNOCLP	STRONTIUM	540.00	UG/L			200.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	DMETNOCLP	TIN	14.00	UG/L		U	200.0								
0187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	ALUMINUM	36.60	UG/L		B	200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	ANTIMONY	58.90	UG/L		B	60.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	ARSENIC	2.00	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	BARIUM	172.00	UG/L		B	200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	BERYLLIUM	1.00	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	CADMIUM	2.00	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	CALCIUM	98500.00	UG/L			5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	CHROMIUM	6.00	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	COBALT	3.00	UG/L		U	50.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	COPPER	37.10	UG/L			25.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	IRON	974.00	UG/L			100.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	LEAD	1.00	UG/L		U	3.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	MAGNESIUM	26300.00	UG/L			5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	MANGANESE	446.00	UG/L			15.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	MERCURY	0.20	UG/L		U	0.200								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	NICKEL	104.00	UG/L			40.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	POTASSIUM	3140.00	UG/L		BE	5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	SELENIUM	2.00	UG/L		B	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	SILVER	2.00	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	SODIUM	89100.00	UG/L			5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	THALLIUM	1.00	UG/L		B	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	VANADIUM	2.90	UG/L		B	50.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETCLPTAL	ZINC	95.90	UG/L		E	20.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETNOCLP	CESIUM	51.00	UG/L		U	1000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETNOCLP	LITHIUM	9.90	UG/L		B	100.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETNOCLP	MOLYBDENUM	9.20	UG/L		B	200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETNOCLP	STRONTIUM	735.00	UG/L			200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	DMETNOCLP	TIN	17.00	UG/L		U	200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	ALUMINUM	1220.00	UG/L		N*	200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	ANTIMONY	59.60	UG/L		B	60.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	ARSENIC	2.00	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	BARIUM	197.00	UG/L		B	200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	BERYLLIUM	1.00	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	CADMIUM	2.50	UG/L		B	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	CALCIUM	96500.00	UG/L			5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	CHROMIUM	30.90	UG/L			10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	COBALT	6.20	UG/L		B	50.00								
0187	GW	REAL	020761T	05-DEC-91	N	TRG	SMETCLPTCL	COPPER	58.50	UG/L			25.00								
0187	GW	REAL	020761T	05-DEC-91	N	TRG	SMETCLPTCL	CYANIDE	2.00	UG/L		U	10.00								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	IRON	2830.00	UG/L		*	100.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	LEAD	3.10	UG/L			3.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	MAGNESIUM	25000.00	UG/L			5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	MANGANESE	592.00	UG/L			15.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	MERCURY	0.20	UG/L		U	0.200								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	NICKEL	85.30	UG/L			40.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	POTASSIUM	3260.00	UG/L		B	5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	SELENIUM	2.00	UG/L		B	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	SILVER	2.00	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	SODIUM	84000.00	UG/L			5000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	THALLIUM	1.00	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	VANADIUM	6.50	UG/L		B	50.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETCLPTCL	ZINC	100.00	UG/L			20.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETNOCLP	CESIUM	51.00	UG/L		U	1000.								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETNOCLP	LITHIUM	11.00	UG/L		B	100.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETNOCLP	MOLYBDENUM	10.00	UG/L		B	200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETNOCLP	STRONTIUM	682.00	UG/L			200.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	SMETNOCLP	TIN	17.00	UG/L		U	200.0								
0187	GW	REAL	GW024311T	19-FEB-92	N																
0187	GW		GW0187-01-12-89	12-JAN-89	Y																
0187	GW		GW0187-04-11-88	11-APR-88	Y																
0187	GW		GW0187-04-24-89	24-APR-89	Y																

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	ACETONE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	BENZENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	CHLOROFORM	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	STYRENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	TOLUENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5								
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5								
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	10	UG/L		U	10								
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	ACETONE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	BENZENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	CHLOROFORM	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/L		U	5	R							
0187	GW	REAL	[illegible]-07-20-88	20-JUL-88	N	TRG	RFVO	STYRENE	5	UG/L		U	5	R							
0187	GW	REAL	[illegible]-07-20-88	20-JUL-88	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	R							

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	R							
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	R					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	10	UG/L		U	10								
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	ACETONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	BENZENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	CHLOROFORM	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	STYRENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	R					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	trans-1,2-DICHLOROETHENE	5	UG/L		U	5								
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	2-CHLOROETHYL VINYL ETHER	10	UG/L		U	10								
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	ACETONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	BENZENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	[illegible]-10-26-88	26-OCT-88	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	[illegible]-10-26-88	26-OCT-88	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	V					5	U	5

.ocation	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	R					10	U	10
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	CHLOROFORM	5	UG/L		U	5	V					5	U	5
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	A					10	UJ	10
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	V					5	U	5
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	V					5	U	5
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/L		U	5	V					5	U	5
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	STYRENE	5	UG/L		U	5	V					5	U	5
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	V					5	U	5
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	V					5	U	5
)187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,1,1-TRICHLOROETHANE	10	UG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L											
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,1-DICHLOROETHENE		UG/L		S									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	2-BUTANONE	10	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	2-HEXANONE	10	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	ACETONE	10	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	BENZENE		UG/L		S									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	BROMOFORM	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	BROMOMETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	CHLOROBENZENE		UG/L		S									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	CHLOROETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	CHLOROFORM	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U									
)187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	METHYLENE CHLORIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	STYRENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	TOLUENE		UG/L		S									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	TRICHLOROETHENE		UG/L		S									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	VINYL ACETATE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MS	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,1,1-TRICHLOROETHANE	9	UG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,1-DICHLOROETHANE	4	UG/L		J									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,1-DICHLOROETHENE		UG/L		S									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	2-BUTANONE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	2-HEXANONE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	ACETONE	10	UG/L		U									
0187	GW	REAL	G 0290001	02-FEB-90	N	MSD	VOCCLPTCL	BENZENE		UG/L		S									
0187	GW	REAL	G /0290001	02-FEB-90	N	MSD	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U									

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	BROMOFORM	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	BROMOMETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	CHLOROBENZENE		UG/L		S									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	CHLOROETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	CHLOROFORM	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	METHYLENE CHLORIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	STYRENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	TOLUENE		UG/L		S									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	TRICHLOROETHENE		UG/L		S									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	VINYL ACETATE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	MSD	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	16	UG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	7	UG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	ACETONE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	TRICHLOROETHENE	18	UG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U									
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	V				5		U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	V				5		U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	V				5		U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	V				5		U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	V				5		U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	V				5		U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	V				5		U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	V						U	5
0187	GW	REA	1870689001	06-JUN-89	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	R						U	10

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	R					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	R					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	ACETONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	BENZENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	CHLOROFORM	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	METHYLENE CHLORIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	STYRENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,1-DICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,2-DICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	2-BUTANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	2-HEXANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	ACETONE	3	UG/L		JB	10	A					10	UJ	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	BENZENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	BROMODICHLOROMETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	BROMOFORM	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	BROMOMETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	CARBON DISULFIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	CARBON TETRACHLORIDE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	CHLOROBENZENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	CHLOROETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	CHLOROFORM	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	CHLOROMETHANE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	ETHYLBENZENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	METHYLENE CHLORIDE	3	UG/L		JB	5	A					5	UJ	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	STYRENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	TETRACHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	TOLUENE	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	TOTAL XYLENES	5	UG/L		U	5	A					5	UJ	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	TRICHLOROETHENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	VINYL ACETATE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	VINYL CHLORIDE	10	UG/L		U	10	V					10	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	V					5	U	5
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	1,1,1-TRICHLOROETHANE	130	UG/L			10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	1,1,2,2-TETRACHLOROETHANE	10	UG/L		U	10								
0187	GW	REAL	[illegible]1871089003	27-OCT-89	N	TRG	RFVO	1,1,2-TRICHLOROETHANE	10	UG/L		U	10								
0187	GW	REAL	871089003	27-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHANE	10	UG/L		U	10								

1T51601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	1,1-DICHLOROETHENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHANE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	1,2-DICHLOROETHENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	1,2-DICHLOROPROPANE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	2-BUTANONE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	2-HEXANONE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	4-METHYL-2-PENTANONE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	ACETONE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	BENZENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	BROMODICHLOROMETHANE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	BROMOFORM	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	BROMOMETHANE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	CARBON DISULFIDE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	CARBON TETRACHLORIDE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	CHLOROBENZENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	CHLOROETHANE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	CHLOROFORM	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	CHLOROMETHANE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	DIBROMOCHLOROMETHANE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	ETHYLBENZENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	METHYLENE CHLORIDE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	STYRENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	TETRACHLOROETHENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	TOLUENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	TOTAL XYLENES	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	TRICHLOROETHENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	VINYL ACETATE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	VINYL CHLORIDE	20	UG/L		U	20								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	cis-1,3-DICHLOROPROPENE	10	UG/L		U	10								
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFVO	trans-1,3-DICHLOROPROPENE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	3	UG/L		J	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	2	UG/L		J	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	ACETONE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	6	UG/L		B	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	1	UG/L		J	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	TRICHLOROETHENE	7	UG/L			5								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPEN	5	UG/L		U	5								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	GW000931T	26-JUL-90	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	ACETONE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	2	UG/L		BJ	5	JA						2	U
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	TRICHLOROETHENE	2	UG/L		J	5								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	V							
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10.00	R							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10.00	R							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10.00	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	ACETONE	15	UG/L		B	10.00	JA							U
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10.00	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10.00	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10.00	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	2	UG/L		BJ	5.000	JA						5	U
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5.000	V							

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	TRICHLOROETHENE	1	UG/L		J	5.000	A							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10.00	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10.00	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5.000	V							
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	ACETONE	11	UG/L		B	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	1	UG/L		J	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	TRICHLOROETHENE	2	UG/L		J	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10.00								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5.000								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5.000								
0187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	ACETONE	10	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10.00								
0187	GW	REAL	?0761T	05-DEC-91	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5.000								
0187	GW	REAL	20761T	05-DEC-91	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10.00								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	TRICHLOROETHENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10.00								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5.000								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5.000								
0187	GW	REAL	GW024311T	19-FEB-92	N																
0187	GW		GW0187-01-12-89	12-JAN-89	Y																
0187	GW		GW0187-04-11-88	11-APR-88	Y																
0187	GW		GW0187-04-24-89	24-APR-89	Y																

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDE
0187	GW	REAL	1-87-02-10-88	10-FEB-88	N																
0187	GW	REAL	1-87-07-20-88	20-JUL-88	N																
0187	GW	REAL	1-87-07-31-89	31-JUL-89	N																
0187	GW	REAL	1-87-10-26-88	26-OCT-88	N																
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	BICARBONATE	630	MG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	CARBONATE	5	MG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	CHLORIDE	55	MG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	FLUORIDE	0.5	MG/L		U									
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	NITRATE/NITRITE	0.06	MG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	SULFATE	96	MG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	TOTAL DISSOLVED SOLIDS	740	MG/L											
0187	GW	REAL	G01870290001	02-FEB-90	N	TRG	RFIN	pH	7.5	PHUNIT											
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	BICARBONATE	640	MG/L				V					640		10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	CARBONATE	5	MG/L		U		V					5.0	U	100
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	CHLORIDE	59	MG/L				A					59.0	J	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	NITRATE/NITRITE	0.14	ROM BA			100-2	V					0.14		5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	SULFATE	110	MG/L				V					110		5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	TOTAL DISSOLVED SOLIDS	810	MG/L				A					810	J	5
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	TOTAL SUSPENDED SOLIDS	50	MG/L				A					50.0	J	10
0187	GW	REAL	G01870689001	06-JUN-89	N	TRG	RFIN	pH	7.1	PHUNIT									7.1		5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	BICARBONATE	600	MG/L		/		V					600		10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	CARBONATE	5	MG/L		U		V					5.0	U	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	CHLORIDE	51	MG/L		/		A					51.0	J	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	NITRATE/NITRITE	0.55	MG/L		/		A					0.55	J	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	SULFATE	120	MG/L		/		V					120		5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	TOTAL DISSOLVED SOLIDS	830	MG/L		/		A					830	J	5
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	TOTAL SUSPENDED SOLIDS	14	MG/L		/		A					14.0	J	10
0187	GW	REAL	G01870889002	17-AUG-89	N	TRG	RFIN	pH	7.0	PHUNIT									7.0		
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	BICARBONATE	320	MG/L				A							
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	CARBONATE	5	MG/L		U		A							
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	CHLORIDE	23	MG/L				V							
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	0.05	MG/L		U									
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	NITRATE/NITRITE	0.05	MG/L		U		V							
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	SULFATE	84	MG/L				V							
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	TOTAL DISSOLVED SOLIDS	460	MG/L				A							
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	TOTAL SUSPENDED SOLIDS	41	MG/L				A							
0187	GW	REAL	G01871089003	27-OCT-89	N	TRG	RFIN	pH	7.3	PHUNIT											
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	BICARBONATE	320	MG/L											
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	CARBONATE	5	MG/L		U									
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	CHLORIDE	23	MG/L											
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	NITRATE/NITRITE	0.05	MG/L		U									
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	SULFATE	84	MG/L											
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	TOTAL DISSOLVED SOLIDS	460	MG/L											
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	TOTAL SUSPENDED SOLIDS	41	MG/L											
0187	GW	REAL	G01871089003	27-OCT-89	N		WQPL	pH	7.3	PHUNIT											
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	BICARBONATE AS CACO3	600	MG/L			1								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	CARBONATE	1	MG/L		U	1								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	CHLORIDE	55	MG/L			0.1								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	FLUORIDE, SOLUBLE	0.6	MG/L			0.2								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	NITRATE	1	MG/L		U	0.1								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	NITRITE	1	MG/L		U	0.1								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	PHOSPHATE	0.2	MG/L		U	0.2								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	PHOSPHORUS	0.010	MG/L		U	0.010								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	SILICON	13	MG/L			2								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	SULFATE	110	MG/L			0.2								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	TOTAL DISSOLVED SOLIDS	930	MG/L			10								
0187	GW	REAL	GW00093IT	26-JUL-90	N	TRG	WQPL	TOTAL SUSPENDED SOLIDS	40	MG/L			4								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	BICARBONATE AS CACO3	420	MG/L			1								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	CARBONATE	1	MG/L		U	1								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	CHLORIDE	34	MG/L			20								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	FLUORIDE, SOLUBLE	0.6	MG/L			0.2								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	PHOSPHATE	0.2	MG/L		U	0.2								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	PHOSPHORUS	0.03	MG/L			0.01								

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Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	SILICA, DISSOLVED	27.0	MG/L			0.2								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	SULFATE	100	MG/L			40								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	TOTAL DISSOLVED SOLIDS	670	MG/L			10								
0187	GW	REAL	GW005061T	16-OCT-90	N	TRG	WQPL	TOTAL SUSPENDED SOLIDS	34	MG/L			4								
0187	GW	REAL	GW012901T	15-MAY-91	N	TRG	WQPL	NITRATE/NITRITE	0.2	MG/L			0.02								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	BICARBONATE AS CACO3	340	MG/L			1.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	CARBONATE AS CACO3	10	MG/L			1.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	CHLORIDE	31	MG/L			0.2								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	FLUORIDE	0.8	MG/L			0.1								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	NITRATE/NITRITE	1.0	MG/L			0.02								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	ORTHOPHOSPHATE	0.01	MG/L		U	0.01								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	SILICA, DISSOLVED	6.8	MG/L			0.4								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	SULFATE	140	MG/L			2.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	TOTAL DISSOLVED SOLIDS	620	MG/L			10.0								
0187	GW	REAL	GW016591T	15-AUG-91	N	TRG	WQPL	TOTAL SUSPENDED SOLIDS	360	MG/L			4.0								
0187	GW	REAL	GW0187-10-12-87	12-OCT-87	Y																
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	BICARBONATE AS CACO3	410	MG/L			1.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	CARBONATE AS CACO3	1	MG/L		U	1.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	CHLORIDE	32	MG/L			0.2								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	FLUORIDE	0.9	MG/L			0.1								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	NITRATE/NITRITE	0.8	MG/L			0.02								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	ORTHOPHOSPHATE	0.01	MG/L		U	0.01								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	SILICA, DISSOLVED	7.0	MG/L			0.4								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	SULFATE	110	MG/L			2.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	TOTAL DISSOLVED SOLIDS	620	MG/L			10.0								
0187	GW	REAL	GW020761T	05-DEC-91	N	TRG	WQPL	TOTAL SUSPENDED SOLIDS	49	MG/L			4.0								
0187	GW	REAL	GW024311T	19-FEB-92	N																
0187	GW		GW0187-01-12-89	12-JAN-89	Y																
0187	GW		GW0187-04-11-88	11-APR-88	Y																
0187	GW		GW0187-04-24-89	24-APR-89	Y																

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
SW125	SW	REAL	SW00438WC	16-OCT-90	Y																
SW125	SW	REAL	SW00539WC	15-NOV-90	Y																
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	AMERICIUM-241	.4000	PCI/L		U	.01								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	GROSS ALPHA PARTICLE RADIOACTI	4.300	PCI/L	1.700		2								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	GROSS BETA PARTICLE RADIOACTIV	5.900	PCI/L	1.700		4								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	GROSS GAMMA	.7000	PCI/L		U	1								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	GROSS GAMMA	1.000	PCI/L		U	1								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	PLUTONIUM-239	.0700	PCI/L		U	.01								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	STRONTIUM-89	.8000	PCI/L		U	1								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	STRONTIUM-90	1.000	PCI/L		U	1								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	TRITIUM	200.0	PCI/L		U	400								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	URANIUM-234	2.600	PCI/L	.6000		.6								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	URANIUM-235	.1000	PCI/L		U	.6								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DRADS	URANIUM-238	1.600	PCI/L	.5000		.6								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
SW125	SW	REAL	SW00438WC	16-OCT-90	Y																
SW125	SW	REAL	SW00539WC	15-NOV-90	Y																
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	ALUMINUM	37.6	UG/L		B	200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	ANTIMONY	22.0	UG/L		U	60								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	ARSENIC	1.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	BARIUM	67.0	UG/L		B	200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	BERYLLIUM	1.0	UG/L		U	5								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	CADMIUM	5.0	UG/L		U	5								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	CALCIUM	38400	UG/L			5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	CHROMIUM	4.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	COBALT	4.0	UG/L		U	50								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	COPPER	13.9	UG/L		B	25								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	IRON	30.0	UG/L		B	100								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	LEAD	1.2	UG/L			3								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	MAGNESIUM	9660	UG/L			5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	MANGANESE	1.0	UG/L		U	15								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	MERCURY	.20	UG/L		U	0.2								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	NICKEL	9.0	UG/L		U	40								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	POTASSIUM	2980	UG/L		B	5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	SELENIUM	2.0	UG/L		U	5								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	SILVER	3.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	SODIUM	17300	UG/L			5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	THALLIUM	2.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	VANADIUM	4.4	UG/L		B	50								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETCLPTAL	ZINC	7.4	UG/L		B	20								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETNOCLP	CESIUM	500	UG/L		U	1000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETNOCLP	LITHIUM	10.0	UG/L		U	100								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETNOCLP	MOLYBDENUM	9.0	UG/L		U	200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETNOCLP	STRONTIUM	240	UG/L			200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	DMETNOCLP	TIN	30.0	UG/L		U	200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	ALUMINUM	261	UG/L			200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	ANTIMONY	22.0	UG/L		U	60								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	ARSENIC	1.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	BARIUM	73.0	UG/L		B	200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	BERYLLIUM	1.0	UG/L		U	5								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	CADMIUM	5.0	UG/L		U	5								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	CALCIUM	38400	UG/L			5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	CHROMIUM	4.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	COBALT	4.0	UG/L		U	50								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	COPPER	5.0	UG/L		U	25								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	IRON	234	UG/L			100								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	LEAD	1.1	UG/L		B	3								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	MAGNESIUM	9620	UG/L			5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	MANGANESE	3.4	UG/L		B	15								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	MERCURY	0.20	UG/L		U	0.2								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	NICKEL	9.0	UG/L		U	40								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	POTASSIUM	2630	UG/L		B	5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	SELENIUM	2.0	UG/L		U	5								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	SILVER	3.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	SODIUM	16900	UG/L			5000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	THALLIUM	2.0	UG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	VANADIUM	5.8	UG/L		B	50								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETCLPTCL	ZINC	22.0	UG/L			20								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETNOCLP	CESIUM	500	UG/L		U	1000								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETNOCLP	LITHIUM	10.0	UG/L		U	100								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETNOCLP	MOLYBDENUM	9.0	UG/L		U	200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETNOCLP	STRONTIUM	239	UG/L			200								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	SMETNOCLP	TIN	30.0	UG/L		U	200								

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
SW125	SW	REAL	SW00438WC	16-OCT-90	Y																
SW125	SW	REAL	SW00539WC	15-NOV-90	Y																
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,1,1-TRICHLOROETHANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,1,2-TRICHLOROETHANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,1-DICHLOROETHENE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,2-DICHLOROETHENE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	1,2-DICHLOROPROPANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	2-BUTANONE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	2-HEXANONE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	4-METHYL-2-PENTANONE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	ACETONE	7	UG/L		BJ	10	A							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	BENZENE	5	UG/L		U	5	JA							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	BROMODICHLOROMETHANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	BROMOFORM	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	BROMOMETHANE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	CARBON DISULFIDE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	CARBON TETRACHLORIDE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	CHLOROBENZENE	5	UG/L		U	5	JA							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	CHLOROETHANE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	CHLOROFORM	5	UG/L		U	5	JA					1		
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	CHLOROMETHANE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	DIBROMOCHLOROMETHANE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	ETHYLBENZENE	5	UG/L		U	5	JA							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	METHYLENE CHLORIDE	2	UG/L		BJ	5	JA					5	U	
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	STYRENE	5	UG/L		U	5	JA							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	TETRACHLOROETHENE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	TOLUENE	5	UG/L		U	5	JA							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	TOTAL XYLENES	5	UG/L		U	5	JA							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	TRICHLOROETHENE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	VINYL ACETATE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	VINYL CHLORIDE	10	UG/L		U	10	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	cis-1,3-DICHLOROPROPENE	5	UG/L		U	5	V							
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	VOCCLPTCL	trans-1,3-DICHLOROPROPENE	5	UG/L		U	5	V							

204/601

Location	ST	QC	Sample Number	Smpl Date	D	ID	Group	Chemical	Result	Unit	Error	Qual	D.LMT	VA	RN1	RN2	RN3	RN4	VResult	VQual	VDET
SW125	SW	REAL	SW00438WC	16-OCT-90	Y																
SW125	SW	REAL	SW00539WC	15-NOV-90	Y																
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	BICARBONATE AS CACO3	170	MG/L			1								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	CARBONATE	1	MG/L		U	1								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	CHLORIDE	10	MG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	CYANIDES (SOLUBLE SALTS AND CO	0.02	MG/L		U	0.02								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	FLUORIDE, SOLUBLE	1.1	MG/L			0.2								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	HYDROGEN SULFIDE	10	MG/L		U	10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	NITRATE/NITRITE	0.38	MG/L			0.3								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	NITRITE	0.05	MG/L		U	0.05								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	OIL AND GREASE	5	MG/L		U	5								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	PHOSPHATE	0.010	MG/L		U	0.010								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	PHOSPHATE	0.065	MG/L			0.010								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	SILICA, DISSOLVED	7	MG/L			2								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	SULFATE	42	MG/L			20								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	TOTAL DISSOLVED SOLIDS	270	MG/L			10								
SW125	SW	REAL	SW00643WC	18-DEC-90	N	TRG	WQPL	TOTAL SUSPENDED SOLIDS	16	MG/L			4								

APPENDIX B

SOIL DOCUMENTATION AND RCRA CONTINGENCY PLAN IMPLEMENTATION REPORTS

- Process Waste Spill/Incident Report, 11/1/85.
- Electric Shock Incident Report (includes small nitric acid spill), 7/21/86.
- Report of Investigation of Acid Leak, Building 443, 9/29/70.
- Release Report on Brown Gas Emitting From Building 218, 10/27/82.
- Shift Superintendent Reports for 9/6/85 and 6/30/86.
- Selected pages from Section V of the Comprehensive Environmental Assessment and Response Program, 4/86.
- RCRA Contingency Plan Implementation Report, 3/8/89.

Historical Release Report
Preceding Sheet

Name: Daren Johnston

Date/Time: 07/25/91/1104

Project: R.F. HRR 304944 (T.O. 44)

ence Number 160551

	Yes	No
ce Code	(EMF)	FRC FRCC LEGAL CEARP 881 OTHER (specify below)

odian Mary Ann Paliani, M.A., EG&G

ling T130C

iest Number 9/HRR 23 Item

Originated 11/06/85 Estimated Yes (No)

ssion Nos N/A

Number N/A File Number N/A

File Closed N/A shelf 10

ort Period 11/06/85

*Subject * Process Waste Spill/Incident Report

dwritten (Yes) No Document Type Rep

Folder 151 Page Range 15253-4

hors & Orgs Romero, L.L./Rockwell, R.I.

dressees & Org N/A None

ribution & Org N/A None

s & Orgs N/A None

206/601

Rockwell International
ROCKY FLATS PLANT

RADIATION MONITORING REPORT

REPORT # 447 - 11 - 02 (BLDG MO NO)

DATE 11/04/85

TIME OF OCCUR. 1300

INCIDENT X

POSSIBLE INHALATION ____

PROCEDURE VIOLATION ____

DISTRIBUTION

HEALTH PHYSICS CLINGER Orig.

AREA SUPT. COVEN

BLDG. SUPT. DIALLONARDO

BODY COUNTER COLORER

DIRECTOR RATER

D.O.E. STEARNS

IMMED. SUPER EMERSON

IND. SAFETY BOWDOSHE

FILE RAD-MON

OTHER WISE, SNYDER, CAMPBELL

RADIATION MONITORING DESCRIPTION OF FINDINGS:

ROOM ____ GLOVE BOX # ____ OTHER X GLOVE # ____

INSTRUMENT WORKING ? ____ SAAM # ____ SAAM C/M ____

PERSONNEL INVOLVED		SKIN CONTAMINATION LEVELS	RESP. WORN?	BODY COUNT?	BODY COUNT RESULTS
NAME B.B. Potter	NO. 511505	N/D	No	NO	
NAME D.L. McMahon	NO. 51522	N/D	NO	NO	
NAME	NO.				
NAME	NO.				

Pipe fitters pressurized process line in BLD. 447 ~~Putting~~ forcing liquid up vent line onto roof and into gutter, down drain onto asphalt.
70 ft of gutter N-S 10,000 cpm Beta deconed to <250 cpm
30 ft of gutter E-W 10,000 cpm Beta deconed to <250 cpm
3 ft x 25 ft of roof - 10,000 cpm Beta decoped to <250 cpm
50 sq. ft of asphalt - 10,000 cpm Beta ~~painted~~ to contain.

B.L. Austin Bowman 52740 [signature] 38652

MONITOR'S SIGNATURE 50924/EMPLOYEE # RADIATION MONITORING SUPERVISOR EMPLOYEE #

INVESTIGATION REQUIRED YES X NO ____ BY: ____

THIS FORM TO BE FILLED OUT AND RETURNED WITHIN 24 HOURS TO RADIATION MONITORING SUPERVISION

RESPONSIBLE SUPERVISOR'S FINDINGS This incident occured during a backflush operation to unplug a process waste floor drain in Room 502. The water backed up into a sink and another floor drain in room 502 and also went up the vent line to the roof. The maintenance pipefitter did not properly check the building plumbing drawings prior to backflushing the line to determine all potential paths of water flow.

CORRECTIVE ACTION: SEE ATTACHMENT.

RESPONSIBLE SUPERVISOR SIGNATURE [signature] EMPLOYEE # 503836 DATE 11/6/85

Total Man Hours ____ Cost of Materials ____

RF 46468 (12/84)

207/601

REPORT 447 Bldg.
DATE 11-04-85
TIME 1300

INCIDENT

CORRECTIVE ACTION:

In the future the pipefitter will review the building prints to locate all possible paths of water flow prior to any backflushing. I am also going to ask Facilities Engineering to investigate relocating the floor drain that gives us so much trouble, and the possibility of installing a ball check valve in the vent line. We are also going to install a Detpark filter in the drain line.

Historical Release Report
Precoding Sheet

Name: Daren Johnsto

Date/Time: 09/19/91/094

ference Number 150829

Project: R.F. HRR 304544 (T.O. 4

NI Yes No

urce Code EMF FRC FRCC LEGAL CEARP 881 (OTHER) (specify below)
Commitment Tracking Records

stodian Block, L., EG&G

ilding T130G

quest Number 91HRR32 Item

te Originated 07/21/86 Estimated Yes (No)

cession Nos N/A

ox Number N/A File Number UE 86-7-218.1
Elec. Shock Incide

te File Closed N/A

eport Period 06/28/86

itle*Subject Final SIR #86-7-218.1 —
Electric Shock Incident

andwritten Yes (No) Document Type I.L.

ile Folder Page Range 22668-22673

uthors & Orgs Kissel, D.O., RI, McMenus, F.P.,

Addressees & Org Hickey, M.F., RI; McMenus, F.P., RI; Minder, R.W.,
Naiman, E.R., RI; Ortiz, J.M., RI

Distribution & Org Same as above

CCs & Orgs None

2091601

Internal Letter

Rockwell International

Date · July 21, 1986

No. ·

TO (Name, Organization, Internal Address)
· Those Listed
·
·

FROM (Name, Organization, Internal Address, Phone)
· D. O. Kissel
· I&SSE
· Building T452C
· 2991

SUBJECT · **FINAL SIR #86-7-218.1 - ELECTRIC SHOCK INCIDENT**

Per HSE 3.01, "Notification, Investigation, and Reporting of Occurrences," a copy of the SIR investigation is forwarded to you.

A master copy will be retained in the Industrial & Systems Safety Engineering office.

D. O. Kissel
Industrial Safety Coordinator
Industrial & Systems
Safety Engineering

Enc.

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210/601

Internal Letter

Rockwell International

Date · July 14, 1986

No. · 12-63

TO (Name, Organization, Internal Address)
· R. W. Minder
· Industrial Safety
· T-452C

FROM (Name, Organization, Internal Address, Phone)
· F. P. McMenus
· Liquid Waste Proc.
· Building 774
· X7729/2266

SUBJECT· SUPERVISOR INVESTIGATION REPORT

1. SIR Number

   86-7-218.1

2. Status and Date

   Initial _____

   Interim _____

   Final July 14, 1986

"REVIEWED FOR CLASSIFICATION"
By [signature] (W)
Date 7-23-86

3. Division or Project

   Rocky Flats Plant

4. Facility, System, or Equipment

   Building 218 Nitric Acid Farm (electrical connector), Building 771 Portable Nitric Acid Dumpster Tank.

5. Date of Occurrence

   Incident A

   June 28, 1986 - Nitric Acid Overflow (Jump Shift)

   Incident B

   June 30, 1986 - Electrical Shock to Employee (PM Shift)

6. Subject of Occurrence

   Incident A

   Failure of automatic shutoff level probe on acid dumpster tank.

   Incident B

   Electrical shock to Building 774 employee while attempting to hook up fill connection to portable acid dumpster.

211/601

7. Apparent Cause

Incident A

Sensall high level probe in dumpster tank failed to operate as designed, causing nitric acid to continue pumping into the dumpster and out the safety overflow until operator manually shut off pump.

Incident B

An electrical short in the Motorola plug-in jack caused the electrical shock to the operator attempting to make the hookup.

8. Description of Occurrence

Incident A

The Liquid Waste Processing operator was filling the 771 portable acid dumpster tank when the automatic shutoff level probe failed to shut the pump off. Approximately one gallon of nitric acid spilled out of the safety overflow line of the dumpster onto the ground.

Incident B

A Liquid Waste Processing operator was attempting to hook up the electrical connector which controls the pump and the level probe system of the dumpster when he sustained an electrical shock.

9. Operating Condition of Facility at Time of Occurrence

Incident A

The level control probes were assumed to be in working order at the time of the overflow. Because of past problems encountered with the level control probes not functioning as designed, and frequent maintenance on the systems, operators were told not to completely trust the level probes, to use extreme caution and be ready to manually shut off the pump, if an overflow occurred.

Incident B

All electrical connections at the Building 218 Nitric Acid Farm were assumed to be free of hazards. An electrical connector was replaced two weeks prior to this occurrence, but the system was operated frequently with no problems reported. It should be noted that

numerous problems on the level probe system and electrical connector line had occurred in the past few months; (1) 4-26-86 - elecrtrical problems in connector line box, (2) 4-29-86 - electrical problems on system, (3) 4-30-97 - new electrical hook-up connector plugs installed, (4) 5-1-86 - level probe on large acid dumpster did not activate, (5) 5-23-86 - broken ground on electrical plug, repaired and new plugs ordered by 771 Electrical Shop, (6) 6-12-86 - pump wires (on connector line) "acting up." All the above problems were repaired by Maintenance, no injuries (or electrical shocks) were reported.

10. Immediate Evaluation

Incident A

The gallon overflow of nitric acid was caused by failure of the Sensall Probe System in the dumpster to shut off the "filling" pump when the acid reached a "full" level in the tank. The operator hit the manual "Off" switch when the overflow began.

Incident B

The operator sustained an electrical shock while attempting to hook up the Motorola connector line. It was checked by Plant Power and found to have a short in the connection at the terminal end of the plug jack. The operator was taken to Medical for treatment and evaluation, he later returned to his job.

11. Immediate Action Taken and Results

Incident A

The Fire Department was called to wash down, dilute, and neutralize the area where the acid was spilled. Building 774 supervision notified Maintenance in Building 771 (Electronic Tech Dept.) of the probes failure to shut off. A Work Order (#536891) previously written on May 20, 1986, by Building 774 supervision, and labeled "Safety Item" to install a double probe safety system on three portable acid dumpsters was then acted on.

Incident B

Plant Power locked out the electrical power box at the Acid Farm and cut off the cable with the short. Building 774 supervision notified 771 Maintenance to repair the problem and do whatever necessary to prevent a recurrence (WO #537344). Prior to this occurrence, improved connector plugs were ordered (5/23/86) by Maintenance but not yet received.

213/601

12. Is Further Action Required

Yes. A complete review of the Building 218 Acid Farm and Dumpster Filling Operation should be performed by Safety Engineering, any recommendations regarding safety improvements to this operation would be appreciated.

13. Final Evaluation and Lesson Learned

During the investigation it was discovered that the operator involved in the June 28, incident also sustained a less severe electrical shock while plugging in the same connector end. The operator said while his arm was slightly touching the dumpster tank during the electrical hookup, he felt a quick shock to his elbow. He continued with the filling operation and thought the shock he received was insignificant and did not report to Medical. Approximately 30 minutes later, the overflow incident occurred. The operator did report the shock and overflow to his foreman. However, only the overflow incident was logged and relayed to other Building 774 supervision. The shift foreman should have taken immediate steps to lock out the 218 acid farm electrical system until a repair could be made. This would have prevented the electrical shock to the employee on June 30, 1986.

In conclusion, the Building 218 Acid Farm is a small but vital operation to Rocky Flats. It supplies nitric acid for operations in Buildings 771 and 883. It is operated by Building 774 Liquid Waste Processing and supported by Maintenance from Buildings 334 and 771. When problems occur, action is often slow, and usually a "quick fix" is done in order to keep it in operation. It is unfortunate that it took an injury to get people interested enough to do something. Hopefully, a high priority will be given for any maintenance or safety modifications to this operation.

14. Corrective Action

Incident A

A double Sensall probe system is currently being installed on all portable acid dumpsters used in this operation (as requested on 5/20/86, WO #536891) to prevent an overflow if one probe would fail. New system was completed on one dumpster 7/10/86.

Incident B

An electronics technician has repaired the short in the electrical connector plug on 7/1/86, (WO 537344), and is accompanying the 774 operator to the acid farm to make the electrical hookup safely until improvements are complete.

The following work is currently in progress and near completion: Work Orders 536891, 537344, and 536262.

	Completed
• New connector line cable on 218 elec. system.	7/09/86
* New safety plug end on 218 connector line.	"
* All equipment at 218 grounded.	"
• Conversion to a low-level voltage system. (highest voltage in cable would be 24 V D.C.)	"
* New safety plug ends to install on three acid dumpster tanks, one dumpster completed 7/10/86.	7/10/86

The unreported shock incident on June 28, was discussed with the foreman involved. The importance of immediate action and reporting of safety related incidents was stressed. In addition, the 218 Nitric Acid Farm will be reviewed on the Annual Safety Inspection, July 22.

15. Programmatic Impact

None.

16. Impact Codes and Standards

None.

17. Similar SIR's Report Numbers

None.

F. P. McMenus, Acting Manager
Liquid Waste Processing - 774

E. R. Naimon, Manager
Waste Operations

R. W. Minder
Industrial Safety Representative

J. R. Ortiz
HS&E Area Representative

215 601

Historical Release Report
Preceding Sheet

Name: Darin Johnston

Date/Time: 09/17/91/1350

Project: R.F. HRR 304944 (T.O. 44)

ence Number 1501784

	Yes	No

e Code EMF FRC FRCC LEGAL CEARP 881 OTHER (specify below)
Commitment Tracking Records

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ng T/30C

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Acid Leak, Bldg. 443 9-11-70

217/1001

REPORT OF INVESTIGATION OF

ACID LEAK AT BUILDING 443 - SEPTEMBER 11, 1970

PART I

Date of Report: September 29, 1970

Investigating Committee

A. K. Williams, Chairman
Senior Research Manager
Research and Development

A. K. Williams

E. M. Bellagamba
Engineering Group Manager
Manufacturing

E. M. Bellagamba

C. R. Rose
Utilities Superintendent
Environment Control

C. R. Rose

C. R. Heiple
Research Metallurgist
Research and Development

Clinton Heiple

C. W. Ellis
Safety Engineer
Environmental Control

Clarence W. Ellis

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C. R. Heiple

~~L.~~ M. Joshel

W. H. Lee

S. M. MacCutcheon

C. R. Rose

E. J. Walko

J. F. Willging

A. K. Williams

Technical Information Office (4)

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1. INTRODUCTION

A leak at a flange in the drain line from a 3000 gallon storage tank full of 94% sulfuric acid was detected between 1330 and 1400 on September 11, 1970. The tank is located approximately 30 feet from Building 443. The leak was found to be due to the failure of a nylon gasket at the flange. No employees or contractor personnel were injured by the leaking acid. A considerable amount of earth in the vicinity of the tank and extending approximately 125 yards east required neutralization with lime.

Dr. Lloyd M. Joshel, General Manager, appointed a committee on September 14, 1970 to investigate the incident. The committee was composed of A. K. Williams, Chairman, E. M. Bellagamba, C. W. Ellis, C. R. Heiple, and C. R. Rose.

The information in this report is presented in the general format suggested in AEC Appendix 0502. The conclusions and recommendations are included as a part of this document.

2. SUMMARY

A leak at a flange on a drain line from 3000 gallon storage tank full of 94% sulfuric acid was detected between 1330 and 1400 hours on September 11, 1970. The tank continued leaking until approximately 1900 hours. The tank could not be drained immediately since the leak was above the drain valve. Opening of the valve was made more difficult because it was locked out. The leak was stopped and the valve opened at approximately 1900 hours. The tank was fully drained by 2300 hours. The leak was caused by the failure of a nylon gasket. Approximately 1500 gallons of sulfuric acid was spilled on the ground. High winds at the time of the leak created problems for personnel getting close to the tank.

On September 12, 1970, at 1000 hours, it was found that the acid stored in the tank in Building 443 was draining through the sewer line. The acid was then pumped into 24 polyethylene lined 55 gallon drums for temporary storage. All spilled acid has been neutralized with lime and the liquid transferred to the asphalt lined evaporation ponds. Total costs for cleanup and for chemicals are $4,440.

---

3. FACILITY

3.1 Steam Plant

Building 443 is the central steam plant for all areas at Rocky Flats. New boilers have been added in recent years. The new boilers, along with the projected steam generation loads through 1974 have increased the demand for high purity boiler makeup water.

3.2 Water Deionization System

An ion exchange water deionization system is used for removing dissolved solids from makeup water before using the water in the boilers. Failure to remove the dissolved solids results in scaling and thus less efficient operation for steam generation. As a part of this system, sulfuric acid is used to regenerate the cation columns and sodium hydroxide is used to regenerate the anion columns. In the past, these reagents have been added in the building from 15 gallon carboys for sulfuric acid and the flake form for the sodium hydroxide. Projected sulfuric acid usage in 1974 is 121,000 pounds per year (535 carboys). Because of the larger quantities needed, both now and in the future, an authorization was initiated in 1967 to install two surplus stainless

steel tanks outside the boiler plant. These tanks would minimize handling of corrosive chemicals by operating personnel and reduce operating expenses. The capacity was such that they would require filling only a few times a year. The tanks were of such size that a tank truck load would fill the tank. A schematic of the acid piping system is shown in Exhibit A.

1. PERSONNEL INVOLVED

The personnel involved with taking corrective action are as follows:

G. Withers	C. F. Braun Engineering
C. C. Cheek Building 443 Superintendent Utilities Supervisor	Utilities Department, Dow
J. Ackelson Safety Engineer	Safety and Loss Prevention, Dow
F. G. Locker Supervisor	Safety and Loss Prevention, Dow
W. H. Lee Manager	Environmental Control, Dow
T. Dougherty President	A & H Builders
H. B. Leininger Superintendent	A & H Builders
A. Frank Pipefitter	York Plumbing and Heating
R. W. Woodard Principal Engineer	Research and Development, Dow
C. R. Rose Utilities Superintendent	Environmental Control, Dow
J. A. Geer Utilities Manager	Environmental Control, Dow
J. E. Hill Industrial Hygienist	Environmental Control, Dow

Personnel involved in the design and construction of the tank associated piping are as follows:

C. R. Rose Utilities Superintendent	Utilities Department, Dow
W. H. Mikesell Project Engineer	Facilities Engineering, Dow
S. Smith Inspector	Construction Coordination, Dow
E. Day Project Engineer	Swanson and Rink, Architect Engr.
T. Dougherty President	A & H Construction Company
H. Leininger General Foreman	A & H Construction Company
J. McCarty Partner	York Plumbing and Heating Co.
R. Hillbrand Office Engineer	York Plumbing and Heating Co.
A. Frank Pipefitter	York Plumbing and Heating Co.

5. DESCRIPTION OF THE INCIDENT

5.1 Background Information

The authorization for the design and construction of the tanks and associated piping was initiated in November, 1967. Engineering criteria were developed by November, 1968 with a Title II review taking place in August, 1969. A safety and loss prevention review was made (Exhibit B). During the Title II review, suggestions were made for making changes in the design. One suggestion of interest was that a dike be placed around the tanks to contain the acid and caustic in the event of a leak. The final construction drawings did not call for a dike. Discussions with W. H. Mikesell, Dow Project Engineer indicated that in the proposed location, there was insufficient room for a proper kind of dike. With the available space, the wall of of the dike would have to be 2 - 4 feet high (400 cubic feet for each tank).

The bid opening for this job took place October 14, 1969 and the notice to proceed with construction was given January 5, 1970. A & H Construction Company won the contract and started construction sometime after January 5, 1970.

The acid tank was a surplus item from Building 881 which had been decontaminated and stored for use on this job. The storage time after decontamination is estimated at 8 - 10 months. This tank although supposedly complete, was found to be minus a manhole cover at the time of installation. Also, the drain line from the tank was equipped with a nonstandard flange which required the contractor to fabricate a spool piece so that the designated valve could be installed on the drain line. Because of a truck strike, the specified valve was not available. A valve was borrowed from S & W Construction by Scott Smith, Construction Inspection Department, so that the remainder of the piping could be installed. Mr. Smith witnessed the installation of the valve and spool piece.

A hydrostatic test was made on July 2, 1970 on the process line system using the substitute valve. The tank was not hydrostatically tested at this time. The specifications call for testing piping systems which may be interpreted as not including the tank. At this time, the tank was filled with water as requested by C. R. Rose. The water was left in the tank for approximately three weeks and no leaks were found in the system. After the water was drained, the valve was changed by Mr. Frank, a pipefitter for York Plumbing

and Heating. This company was a subcontractor on the job for A & H Builders. There has been some discussion about who performed the actual installation. Mr. Frank stated in discussions with this committee that he installed the valve, while others have said an apprentice pipefitter installed it. The members of this committee do not feel that this is an important item, since Mr. Frank is assuming responsibility for the work. Mr. Frank stated that the gaskets were changed at the time the valve was replaced. The construction coordinator for Dow did not witness changing of the valve and gaskets.

To complete the construction project, the contractor had to remove the vacuum transfer tanks used in the old regeneration system located in Building 443. The Dow Utilities Department would not allow removal of these tanks until the new storage tanks were available. About August 11, York Plumbing and Heating then made a request to have the tanks filled. This request was passed on to Mr. Cheek by Mr. Smith.

Prior to August 11, a manhole cover was installed. Prior to this time, the Dow Project Engineer, the contractor. and the AEC engineer agreed verbally that a nonstainless

steel cover could be substituted. This cover was installed and a purchase order for 22.95 tons of 66° Baume sulfuric acid was initiated by Dow on August 31, 1970. Prior to this date, checks were made by C. C. Cheek with Mr. Leininger to verify that the tank and piping system had been tested.

The tank was filled on September 3, 1970 by a supervisor from the Ruan Truck Company. A supervisor drove the truck since a picket line was being maintained by the Dow union at this time. Prior to filling on this date, Mr. Cheek made certain that the tank was empty by opening all valves and observing the mixing tank to see if there was any drainage. None was noted. During filling, the Ruan employee wore a protective rubber suit. Dow personnel wore goggles, face shield, rubber apron, and boots. The Ruan employee performed all operations and Dow personnel observed.

Filling was accomplished by pressurizing the tank truck with 15 psig air supplied from a compressor on the truck. The filling took approximately 3 hours. During the filling operation, it was noticed that the liquid level gage was not functioning. This was attributed to the air supply to the DP cell being connecte

mistakenly to a plant air line rather than the instrument air line. It is thought that condensed water vapors in the line caused the problem. The gage was working at the time of the water fill according to Mr. Frank. During filling, both Mr. Frank and Mr. Cheek checked the tank and piping for leaks.

Because of failure of the liquid level gage, a full tank was detected only by overflow of approximately 1/2 gallon of sulfuric acid from the tank overflow line. There was also a small spill at the truck from acid remaining in the transfer hose after it was disconnected from the tank fill line. Both spills were neutralized with caustic by personnel from the Utilities Department. Mr. Cheek then placed a lock and chain on the drain valve to prevent personnel from opening the valve while York Plumbing and Heating continued with removal of the vacuum transfer system in Building 443.

On the morning of September 11, Mr. Les Lipker, a boiler vent operator, requested that the lockout chain be removed. The request was denied by Mr. Cheek since, although construction was complete in August, there was no formal acceptance by Dow.

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5.2 The Acid Leak

On September 11, 1970, between 1330 and 1400 hours, Mr. Guy Withers from C. F. Braun Engineering Co. noticed a leak from the acid storage tank and notified Mr. Cheek. Mr. Cheek went to the storage tank and noted a stream about 1/4-inch diameter jetting out about 4 feet in a northwesterly direction coming from the flange just above the drain valve. Mr. Cheek proceeded to have all personnel removed and the area blocked off. At 1435 hours the Fire Department (Fire Department log) was notified by Mr. Cheek, and two firemen reported to the scene. The fireman then returned to the fire station to get a hose in preparation of flushing the acid. The water tank truck was being used for watering trees and shrubbery, and was empty at the time.

The Safety Department was called at approximately 1500 hours and Jim Ackelson arrived on the scene shortly after this time. The firemen returned equipped with a hose and fire fighting, protective clothing. The hose was hooked up to a hydrant approximately 30 feet from the tank and they began to spray the tank and surrounding area. Safety directed further barricading to prevent injury to personnel in adjacent areas.

At approximately 1530 hours, the Fire Department was directed to stop spraying water. Moderately high winds at this time were carrying the acid and fumes to the east and south. The firemen shut off the water and returned to the fire house.

Sometime after 1500 hours, W. H. Lee arrived on the scene and assumed command. By 1545 hours, the leak had become larger and was spraying in all directions from the flange. By 1600 hours, the area was secured with Cottonwood Avenue and the north end of Fifth Avenue closed. Fire Department personnel returned to the scene at approximately 1610 hours, and assisted the laborers in neutralizing the acid with lime.

By 1700 hours, it was decided to attempt cutting the lockout chain and opening the valve to drain the remaining acid into the mixing tank (~ 200 gallon capacity and on to the neutralizer tank (~ 7000 gallon capacity). A flange was adapted to the bottom of the mixing tank, and flexible piping was attached so that the acid could be drained from the mixing tank into the neutralizer tank. The tank had a corrosion resistant lining and could hold the acid safely.

Mr. Frank of York Plumbing and Heating was suited up in protective clothing which consisted of a clear plastic suit of the type normally used by area decomtamination and a chemical gas mask. He was then put on the end of a boom truck to enable him to cut the chain from above, using a bolt cutter. During this operation, he had difficulty breathing due to the hose on the gas mask kinking while he performed the operation. In discussing this with John Hill, Industrial Hygienist for Dow, he said that the hose was too short because of the bulky protective clothing the man was wearing. When he noticed this, he made a trip to Building 123 to get a longer hose. By the time he returned, Mr. Frank was on the boom and was about ready to cut the chain. W. H. Lee indicated later that he had not been aware that Mr. Hill had gone after a longer hose.

After the chain was cut, a fireman was suited up in protective clothing and went into the area to open the valve. The fireman was thoroughly washed down after this operation to remove any acid spilled on his clothes. These tasks were accomplished by approximately 1800 hours. Recommended protective clothing (rubber suits) for handling sulfuric acid was not immediately available. Rubber suits were shipped in later from Denver and were used in cleanup operations. They arrived at the scene at 1820 hours.

At approximately 1810 hours, it was suggested by Mr. Dougherty that vertical pressure could be applied to the flange by attaching a 4 x 4 to a hydraulic boom lift and placing the 4 x 4 under the acid line. This was done and the leak was essentially stopped by 1900 hours. The bolts were tightened on the flange by H. B. Leininger of A & H Builders. The acid continued to drain from the leaking storage tank to the neutralizing tank until approximately 2300 hours when the tank was empty. During this time, the fire Department and the labor gang continued to spread lime to neutralize the spilled sulfuric acid.

A ditch had been dug and the acid was contained in two ponds located 125 yards east of the tank and neutralized with lime. Precautions had previously been taken to prevent acid contamination of the ditch dug by S & W Construction. Sulfuric acid flowing into this ditch would have given problems in continuing the laying of pipe and cable for the new data line system. A telephone cable serving Building 444 was accidently cut the next day while additional maintenance was performed on the ditch.

At 0700 on September 12, the area was again inspected by supervision and the area appeared to be in good shape. It was estimated that approximately 1300 gallons of acid had been drained into the neutralization tank and approximately 1500 gallons spilled on the ground. At 1000 hours, it was discovered that the neutralization tank was leaking acid into the sewer line and into the sewage treatment plant (Building 995). Used hydrogen peroxide barrels which have polyethylene liners were located and brought to the fire barn where they were thoroughly rinsed with water. In the meantime, C. R. Rose was attempting to locate a suitable pump. This was complicated by the fact that a preplanned power outage by S & W Construction started at 0730 and thus at the time, Building 443 did not have power to run a three phase 220 volt pump.

R. W. Woodard of R/D Chemistry was called out at approximately 1100 hours and assisted in helping to secure a pump. A pump was found that could run from the emergency power; however, the pump capacity was not adequate to pump much of the acid out of the neutralizer tank. By 1730 hours, power was restored to Building 443 and pumping commenced with the pump normally assigned to the building. The tank was

emptied by 2400 hours into the 24 polyethylene lined barrels. The barrels were placed close to the ponds and a dike placed around them in the event one or more started leaking.

The following personnel reported to Medical for treatment of possible sulfuric acid burns. No residual injury to any of these individuals was noted.

A. E. Evans	Plant Protection, Dow
F. V. Domenico	Laborer, Dow
Gene Melick	Nondestructive Testing, Dow
Ted Dougherty	A & H Builders

6. SUBSEQUENT ACTION

6.1 Cleanup

R. W. Woodard assumed the responsibility for detecting the extent of acid contamination, neutralization and restoration of the area. This work is expected to be completed by October 9, 1970. A map showing the extent of contamination is shown in Exhibit C.

6.2 Post-Incident Investigation

6.2.1 Disassembly

On September 14, 1970, the flange was inspected by some members of the investigating committee and at that time, it was noted that the gasket at the flange below the valve apparently reacted with the acid. A sample was taken of the acid remaining in the line and analyzed. The assay was 94.1%. The specification is 93.14%. The valve, spool piece, and manhole cover were removed by Mr. Frank at the direction of the investigating committee. The gasket located at the top flange of the valve was almost completely gone, while the gasket from the bottom flange appeared to have been attacked from the outside. The bottom gasket

appeared to be a white translucent color. The color was different from that of the gasket located between the upper flange on the spool piece (this was a white opaque color) and the tank flange. A photograph of the components is found in Exhibit D.

The black material resting on top of the spool piece appeared to be charred and brittle. Upon disassembly of the manhole cover, the gasket was found to have reacted with the acid (Exhibit E). The gasket material at the valve (both from the top and bottom flange) was sampled, and each sample was identified as nylon. Only a small portion of the top gasket remained, but the bottom gasket was sufficiently intact (Exhibit F) so that a thickness measurement could be made. The gasket was found to be 0.060 inch thick. The specification called for 0.125-inch thick gaskets. The gasket on the top flange of the spool piece was sampled and found to be Teflon. The gasket material used on the manhole cover could not be positively identified by the Analytical Laboratories, but it is presumed to be neoprene

The drain valve used was a Pacific valve instead of a Jenkins 1317-A valve as specified. The Pacific valve is considered equivalent to the Jenkins valve. Dirt was found in the valve and spool piece, indicating that the tank was probably not completely cleaned at the time of installation.

6.2.2 Interviews with Contractor Personnel

Discussions were held with contractor personnel after the various components were removed from the tank. During these discussions, the following comments were noted:

Mr. Dougherty indicated that Dow had taken beneficial occupancy of the tank since it was filled with sulfuric acid. Later discussions with Mr. W. H. Mikesell and Mr. Scott Smith indicated that Dow had not taken beneficial occupancy. Filling of the tank was apparently allowed by mutual agreement between Dow, the AEC, and York Plumbing and Heating. Dow had said that York could not proceed with the job

until the tank was capable of delivering sulfuric acid. (See Section 5.1.)

At the time the S&W valve was changed by York, new gaskets were installed. These gaskets were ordered separately from the valve, and York had no record for the purchase of these gaskets. The supplier, at least at this time, is unknown.

When installing the two gaskets, Mr. Frank assumed that they were Teflon since they were white in color. He had no method for checking the gaskets to make sure they were Teflon.

The contractor personnel were asked if they had extensive experience in building chemical plants and if in their experience storage tanks for corrosive chemicals were usually diked. Mr. McCarty of York said he had previous experience at Hercules Powder and that he thought large storage tanks were usually diked.

6.2.3 Contacts with Midland and Texas

Contacts were made with both the Midland and Texas Divisions of Dow (Exhibit G). The general consensus was that dikes are not always required. Sometimes zones can be established where spills of corrosive chemicals can be controlled and disposed of safely. The sewer system and treatment plant is equipped to handle large spills, both at Midland and Texas.

6.2.4 Tour of Other Outside Storage Areas

A tour was made of the nitric acid storage facility located at the railroad siding east of Building 444. The facility consists of two 9000-gallon tanks sitting in a diked area. A wind-protected (open on only one side) safety shower was available at the site. Protective clothing consisting of rubber boots, acid-resistant pants, and hoods were found in the downstairs pump room. Face shields were found in the upstairs room. The hoods were very stiff from apparently a long period of non use.

Tanks in the 771 complex were inspected. A 6000-gallon-capacity tank of NaOH is located just outside of Building 774. This tank is not diked. It can be emptied from inside Building 774 to other tanks in the building. The 4000-gallon storage tank of KOH located between 771 and 776 is diked. Wind-protected safety showers (open on only one side) are located at the nitric acid unloading station and at the new fluorine storage building in the same general area.

Each of the three protected safety showers are activated by a person stepping into the shower and deflecting a push bar with his body. Water is then applied in a 360-degree direction from 12 shower ports.

The safety shower at the sulfuric acid storage tank must be activated by pulling a handle. A time delay exists before water comes out through an overhead deluge head. Use of the shower activates an alarm at the control console in Building 443. The shower is not protected from the wind.

91HRR32 B 00022127

6.2.5 Literature Search

A literature search was made on the handling of sulfuric acid. Items of interest found in the literature are the following:

Rubber safety suits are worn during the unloading of sulfuric acid.

Sulfuric acid constantly reacts with the steel side of the tank forming hydrogen. The tank needs to be vented to allow normal intake and release of atmosphere caused by changes in acid levels and to release any buildup of internal pressure. The vent for the sulfuric acid tank in this instance was equipped with a pressure-relief valve which would release at 1 psig. This valve could be subject to failure, since sulfuric acid would be in contact with it during times of overfilling and overflow. An explosive concentration of hydrogen could build up in the tank during storage. The PRV was installed

to prevent moisture from entering the tank. Contact with personnel in the Texas Division indicated that the tank can be vented with no appreciable moisture condensation in the tank.

Neutralization of acid spills is usually done with soda ash (sodium carbonate) and washed down the sewer.

Sulfuric acid storage tanks should be dried with warm air before using.

Tanks of 300 tons plus capacity are equipped with a plug valve in the outlet line to guarantee positive shutoff. The valve is operated by a mechanism extending through the top of the tank.

6.2.6 Corrosion

Dr. J. M. Macki of Product R&D was consulted regarding corrosion problems. His stated opinion was that the use of a plain steel

manhole cover on the 347 SS tank would present problems in galvanic corrosion. The use of Type 347 SS is probably acceptable. This had also been checked out by the materials laboratory at Midland experimentally in February, 1969.

The valve in the neutralizer tank in Building 443 was removed and inspected. It was found that the gate valve could not be closed completely due to the presence of gravel in the valve mechanism. No evidence of corrosion was noted.

6.2.7 Effect on Sewage Treatment Plant

The sewage treatment plant was checked to determine if the leaking acid killed the bacteria. No destruction of bacteria was noted, even though the pH of the 995 influent was as low as 1.8 on September 12 and the effluent was as low as 2.2 on September 13. Analysis for sulfate at various sampling stations both on site and off site indicate

91HRR32 B 00022136

that the sulfate concentration was well within the guidelines for discard (Exhibit H).

6.2.8 Analytical Laboratory Tests

Laboratory tests were conducted to determine the compatibility of the nylon gasket with varying concentrations of sulfuric acid. The lab report showed that the nylon softened immediately when immersed in the acid. After immersion for approximately 72 hours, the gasket samples were completely dissolved by the sulfuric acid.

91HRR32 B 0002213

7. CAUSE OF THE ACID SPILL

The cause of the incident is assigned to the failure of the nylon gasket above the drain valve on the sulfuric acid tank.

8. LOSS

Approximately 1500 gallons of sulfuric acid were lost and approximately 32,000 pounds of lime were used to neutralize the acid. Total costs for chemicals were $2,240, including the loss of sulfuric acid. Labor costs for excavation, etc., were $2,200. Total costs are $4,440.

9. CLAIMS AGAINST THE GOVERNMENT

No claims against the government are anticipated. Although paint damage could have been sustained to private vehicles parked to the east and south of the storage tank, the committee knows of no such damage.

10. CONCLUSIONS

10.1 Gasket Failure

Failure of the gasket was caused by the installation of improper gasket material at each of the drain valve flanges. Nylon was used instead of the specified Teflon. Nylon dissolves in sulfuric acid in a few days. The gaskets were half the thickness specified.

10.2 Documentation

Many of the important decisions made during design and construction are not documented in formal memos and letters. Many changes were noted between the Title II drawings and the construction drawings. The question of diking the tanks was raised at the Title II review; however, no formal memos on this subject were written.

The substitution of a plain steel manhole cover was proposed in writing and was agreed to verbally. No record for the purchase of the gaskets can be found by the subcontractor. No record was found of when the water was removed from the tank.

10.3 Design

The chemical industry has considerable expertise in the manufacture, handling, and storage of sulfuric acid. Large quantities are transported throughout the world. The committee found no attempt by personnel (Dow, Architect Eng. and Contractor) to find information for the proper design of the storage tank facility. One contact was made to determine if Type 347 stainless steel could be used for sulfuric acid storage. The advice from the corrosion expert at Rocky Flats was not sought.

The use of a pressure relief valve, although well-intentioned for preventing condensation of moisture in the tank, is a dangerous practice. Overflow of sulfuric acid through this valve may start corrosion and result in failure of the valve to open at the design pressure. Hydrogen buildup in the tank to explosive concentrations may result in a major explosion.

Neoprene or rubber gaskets are not recommended for acid concentrations above 85%. A Neoprene gasket should not have been used on the manhole cover where it was exposed to 94% sulfuric acid and acid fumes.

On large sulfuric acid storage tanks, plug valves are installed on the outlet lines to guarantee positive shutoff. No consideration was given to using a plug valve on this tank. Although a 3,000 gallon tank is relatively small in the chemical industry, the physical location of Rocky Flats makes such considerations important. At Rocky Flats, large quantities of water are not available for dilution and flushing. The sewage treatment plant is not equipped for handling and treating chemicals. A water supply for the city of Broomfield is located just east and downstream of the plant and special precautions need to be taken to prevent off-site contamination.

The disposal of acid in the event of a major leak was not thoroughly explored during the safety and loss prevention review. This may be due to less emphasis on environmental control at the time this project was conceived and designed.

The use of splash guards on flanges and valves was not considered for this project. The presence of splash guards would have minimized problems for personnel getting close to the tank. Problems caused by leaks during high winds would also be minimized.

10.4 Procedure

Members of the committee feel that locking out the valve was a good idea. In this emergency it presented problems in draining the tank. However, even if the valve could have been opened more quickly, it would have taken several hours to drain the tank through the one-inch line.

Adequate protective clothing for sulfuric acid was not available. Even though the truck driver wore appropriate protective clothing during the filling operation, apparently no thought was given to purchasing clothing for Dow personnel at this time.

When inspecting other corrosive chemical storage areas, protective clothing (but not a complete rubber suit) was found at the nitric acid storage area. The presence of clothing at this area was known by only a few people. The custodian for this area was not posted and is not known by the Committee. The clothing was found to be in poor condition when inspected by selected members of the Committee. The availability of protective clothing at various corrosive chemical storage areas throughout the plant site is considered virtually nonexistent. The purchase of rubber suits

the evening of the incident means that these are now available, at least at Building 443.

The drain valve on the neutralizer tank had probably leaked for several years. The valve was installed approximately 4 years ago and apparently no inspection had been made to determine if the valve closed properly since it was installed. The drain valve on the sulfuric acid tank was found to contain dirt. This dirt, along with the charred material found on top of the spool piece would probably have caused problems in completely closing the valve in a short period of time. Operating difficulties with this valve may not have been detected for some period of time, since the two valves located downstream and inside of Building 443 would probably have contained the acid.

10.5 Safety Shower Construction

The outdoor safety shower located between the tanks is of poor design. The location of this shower is also questionable. Safety showers located at other outdoor storage areas for corrosive chemicals appear to be a more appropriate design.

10.6 Emergency Equipment

Locating emergency equipment on off shifts appears to be a problem. During the power outage on September 12, 1970, no pump could be found that could be used to empty the neutralizer tank quickly. Much valuable time was wasted looking for a pump.

10.7 Dikes

Dikes are not required for every storage tank of corrosive chemicals. Each installation needs to be reviewed to determine if diking would accomplish the desired result. Adequate containment or disposal may preclude the need for dikes.

11. RECOMMENDATIONS

11.1 Gasket Failure

It is recommended that more definitive procedures be established for insuring that critical items are properly inspected and installed. Part 2 of this report will discuss this recommendation further.

11.2 Documentation

It is recommended that more complete records be kept on changes in the project along with reasons for the change starting with Title II engineering review. It is suggested that these be documented in the engineering file. Part 2 of this report will discuss this recommendation further.

11.3 Design

It is recommended that during the conception and design stages of the project that consultation be used more freely. The resources of the entire corporation and the R/D department at Rocky Flats could have been used more advantageously.

It is recommended that the pressure relief valve be removed from the tank vent system and the tank be vented to the atmosphere.

It is suggested that a plug valve be installed in the tank if it is technically and economically feasible.

It is recommended that flanges be protected by splash guards where corrosive chemicals are handled. It is recommended that this should be an engineering standard.

11.4 Procedures

It is recommended that protective clothing be available in the immediate area for use in both routine and emergency situations. The Fire Department should also be equipped with protective clothing for handling corrosive chemicals in emergency situations.

It is recommended that the tank be thoroughly cleaned, inspected for dirt, and dried prior to refilling with sulfuric acid. Installation of a strainer on the intake line of the sulfuric acid tank would be desirable. The caustic tank should also be checked to see if a strainer has been installed.

91HRR32 B 00022142

It is recommended that the drain valve on the neutralizer tank be checked on a periodic basis, since the tank may need to be used for an emergency.

11.5 Safety Showers

It is recommended that minimum standards be developed for the design of outdoor safety showers. Special consideration must be taken in design because of high winds and freezing weather often experienced at Rocky Flats.

11.6 Emergency Equipment

It is recommended that a storage area for emergency equipment be established. Equipment should be capable of operating independently of plant services and capable of handling potential plant emergencies. It is suggested that this equipment be assigned to the Fire Department.

11.7 Dikes

Because of the physical location of the tank, it is recommended that a small containment pond be constructed to capture large spills rather than constructing a dike around the tank. Elevations should be such that flow is from the tank area to the pond.

It recommended that limestone be used around the base of the sulfuric acid tank so that small spills are quickly neutralized.

11.8 Beneficial Occupancy

It is recommended that a more thorough beneficial occupancy inspection be conducted. Further details on the subject will be discussed in Part 2.

11.9 Emergency Action Coordination

It is recommended that a policy statement be written establishing a chain of command for assuming control during emergencies for all operating areas on the plant site.

EXHIBITS

91HRR52 B 0002216

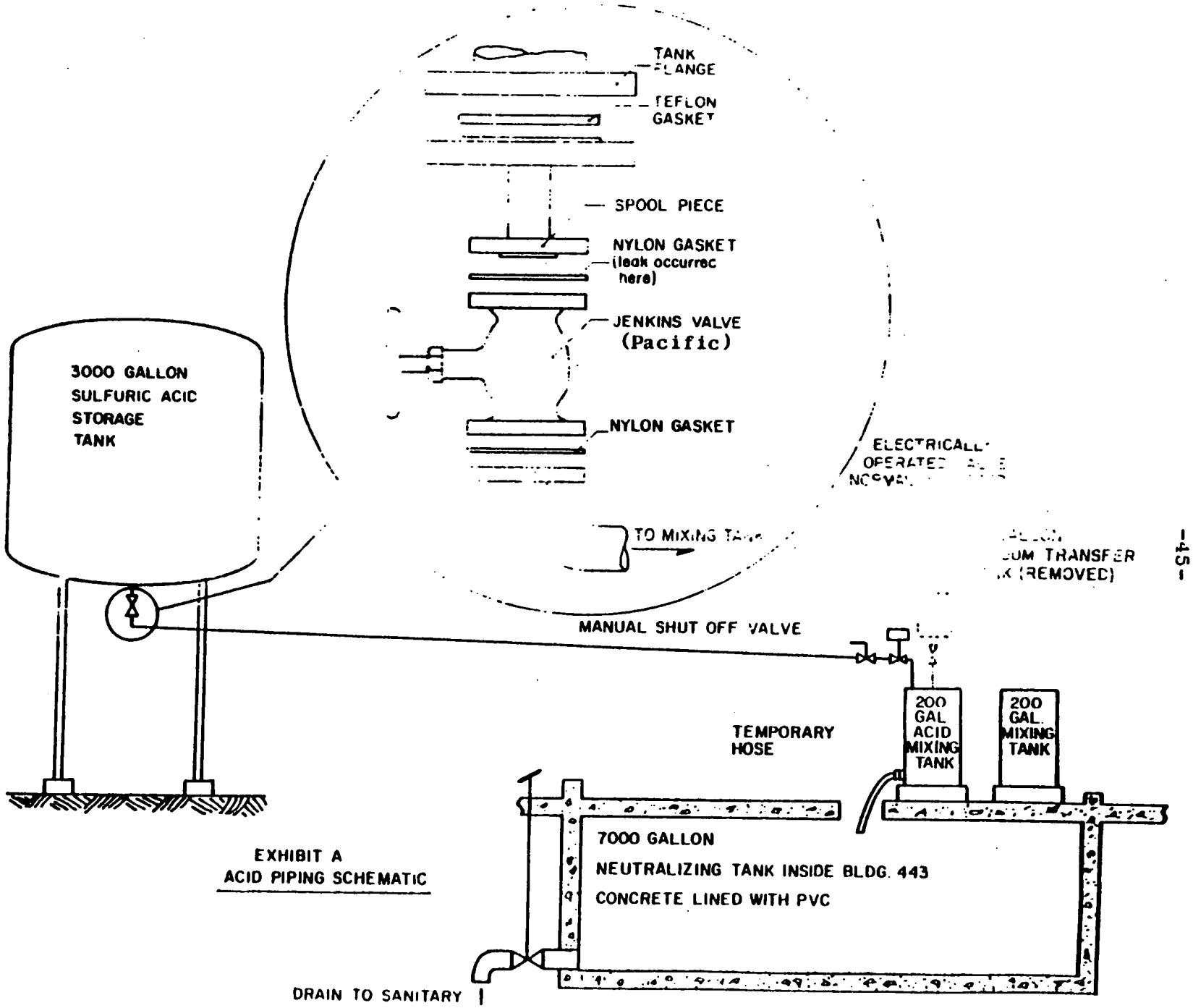

EXHIBIT A
ACID PIPING SCHEMATIC

1. Does this project involve any of those potentially hazardous conditions? 2. IMPACT [illegible] 3. Emergency Regulated [illegible] 4. Reduce Heat Load [illegible]

A. Materials	B. Operations	C. Processes	D. Miscellaneous
____ radioactive	____ suspended loads	____ high pressures	____
____ explosive	____ congested areas	____ high temperatures	____
____ pyrophoric	____ elevated platforms	____ critical mass	____
____ toxic	____ rotating mechanisms	____ high voltage	____
X reactive Acid-Caustic	____ hands vulnerable	____ high noise	____
____ flammable	____ other	____ airborne particulate	____

2. Describe the items checked, including definitive parameters, quantities, levels, locations, etc.
Re the Acid-Caustic feed system — [illegible] overflow at the [illegible] provide [illegible] around tanks of the ground - [illegible] of Acid & Caustic is not serious (Locally) unless large quantities

3. How are these hazards controlled? What are the safe limits and what is the source of this data suc governing codes, etc.?
By reservoir and safety shower in close proximity
Standard chemical handling safety practices.

4. What is the estimated potential damage in dollars to this installation or other installations which c result from these hazards?
Loss of chemicals spilled -

5. Obtain signatures of those consulted about these potential hazards by name, date and specific ite discussed. Explain if recommendations were not followed. Attach any signed reviews.

Safety and Loss Prevention [illegible] = Title II R[illegible] 9/22/69
Fire Protection Engineer [illegible] 8/26/69
Health Physics [illegible]
Nuclear Safety [illegible]
Pressure Vessel Engineer [illegible]
Design Engineer Darrell L. Munro 8-22-69
Equivalent Item 9-1-69 Acid-Caustic [illegible]

6. Title I engineering is complete, safety has been analyzed and hazards are to be controlled as ou above.

N/A (New Form)

(User) (Date) (Project Engineer)

7. Title II engineering is complete, a final safety and loss prevention review has been made, and t as designed, does not present any serious hazards.*

E. Jannetti 9/22/69 (Either Heat Load - Safety 705 only)
E. Jannetti
C. Rose 9/23/69 [illegible] 9/29/69 [illegible]
(User) (Date) (Design Group Manager) (Date) (Project Engineer)
[illegible] C. L. Barrick 10/1/69 (Emergency Regulated Power, Mid-[illegible]

*If it is Engineering's belief that the control of certain hazards is too dependent on proper oper [illegible] attach copy of memo of explanation.

91HRR32 B 0022148

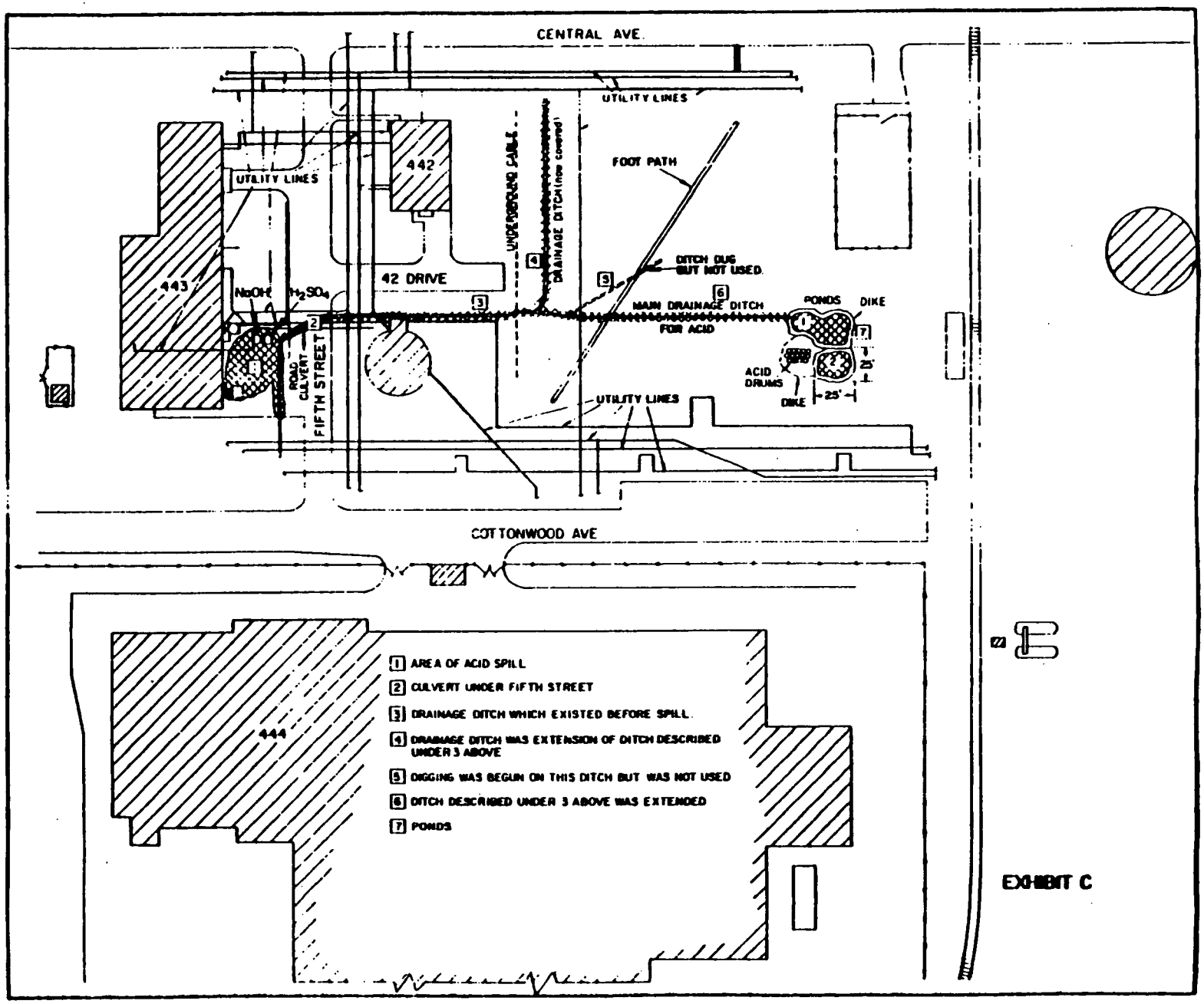

EXHIBIT D
Photo of Valve, Spool Piece,
and Gaskets

2671601

EXHIBIT E
Photo of Manhole Gasket

268/601

EXHIBIT F
Photo of Gasket

91HFE32 B 0002215

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EXHIBIT G

When classified, document and indicate Distribution by name.

THE DOW CHEMICAL COMPANY
Rocky Flats Division

CALL REPORT

COPIES: A. K. Williams

AGENCY & DIVISION: Dow, Texas Division
CALL/CONFERENCE DATE: 9/16/70
DATE TYPED: 9/21/70
LOCATION OF CONFERENCE: Telephone

DOW PERSONNEL PRESENT (Author First)	PERSONS INTERVIEWED, POSITION and/or DEPARTMENT
D. L. Ziegler	Mr. Ripley Waste Control Department

ACTION:

OTHER INFORMATION:

I contacted Mr. Ripley to discuss how acid spills are handled in the Texas Division and Mr. Ripley relayed the following information.

1. Some of the acid storage tanks in the Texas Division are diked and some are not. Diking of acid storage tanks is not a plant standard.
2. The Texas Division recently had a large hydrochloric acid spill. The acid from a storage tank was released through the plant sewer system where it was diluted by the 2,000,000 gal/min of water which flows through the plant.
3. He suggested that I call Mr. Chester Robinson for his suggestions on methods of handling and storing acid. The recent spill was from a tank in process for which Mr. Robinson is plant superintendent.

RF-15010 (Rev. 10/66)

When classified, document and indicate Distribution by name.

THE DOW CHEMICAL COMPANY
Rocky Flats Division

CALL REPORT

COPIES: A. K. Williams

AGENCY & DIVISION: Dow, Texas Division
CALL/CONFERENCE DATE: 9/16/70 LOCATION OF CONFERENCE: Telephone
DATE TYPED: 9/21/70

DOW PERSONNEL PRESENT (Author First)	PERSONS INTERVIEWED, POSITION and/or DEPARTMENT
D. L. Ziegler	Mr. Chester Robinson Superintendent of the Trichloroethyl Plant B

ACTION:

OTHER INFORMATION:

Mr. Robinson supplied the following information about the hydrochloric acid spill.

1. The spill consisted of 3,500,000 pounds of hydrochloric acid.
2. The spill was through the ell on the bottom of a storage tank. They were unable to operate the valve on the tank because of the possibility of the ell being broken completely off.
3. They are considering diking this tank to prevent loss of the content in the event of a similar spill.
4. All flanges and valves, which are located where operating personnel could be subjected to an acid spray because of a failure, are shielded to deflect a spray or leak. Other flanges and valves, not located in an operating area, are not provided with shields.
5. He suggested that I should talk to either Mr. Dean Hamilton or Jim Demland in the Chlorinated Methane Products Department for information on handling sulfuric acid.

RF-15010 (Rev. 10/66)

271/001

When classified, document and indicate Distribution by name.

THE DOW CHEMICAL COMPANY
Rocky Flats Division

CALL REPORT

COPIES: A. K. Williams

AGENCY & DIVISION: Dow, Midland Division
CALL/CONFERENCE DATE: 9/17/70
DATE TYPED: 9/21/70
LOCATION OF CONFERENCE: Telephone

DOW PERSONNEL PRESENT (Author First)	PERSONS INTERVIEWED, POSITION and/or DEPARTMENT
D. L. Ziegler	E. M. Ilgenfritz Waste Control Department

ACTION:

OTHER INFORMATION:

I called Mr. Jim Teal, Waste Control Department to discuss methods of controlling acid spills or spills of other hazardous chemicals at the Midland Plant. Since he was on vacation, Mr. Ilgenfritz returned my call and relayed the following information.

1. They do not have a plant rule or standard requiring acid storage tanks to be diked.
2. They are going more to the area concept of control. That is, the plant would be divided into various areas where a spill from any of many storage tanks within a given area would be collected in the plant sewer system and would be diverted or impounded for proper treatment prior to release from the plant site.
3. At the present time, an acid spill would be collected by the plant sewer system and would be neutralized in the waste treatment plant prior to release off plant site.
4. If an acid storage tank is to be diked, it would be advisable to utilize crushed lime stone to line the diked area which would neutralize small acid leaks and would provide a less slippery area for workmen in the case of a large spill.
5. All flanges and valves on process acid lines are not shielded, but where people have to work and could be subjected to an acid spray, shields are used to divert leaks or sprays of acid.
6. All storage tanks are considered as possible chemical spill sources and, as such, provisions have to be made to accomodate or divert the spill to the desired place for treatment.

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272/601

7. The Midland Plant recently experienced a brine spill from a storage tank. The brine was released by the sewer system to the river.

When classified, document and indicate Distribution by name.

THE DOW CHEMICAL COMPANY
Rocky Flats Division

CALL REPORT

COPIES: A. K. Williams

AGENCY & DIVISION Dow, Texas Division
CALL/CONFERENCE DATE 9/17/70 LOCATION OF CONFERENCE Telephone
DATE TYPED 9/21/70

DOW PERSONNEL PRESENT (Author First)	PERSONS INTERVIEWED, POSITION and/or DEPARTMENT
D. L. Ziegler	Mr. Dean Hamilton Superintendent - Chlorinated Methane Products Department

ACTION:

OTHER INFORMATION:

Mr. Hamilton supplied the following information about the handling of sulfuric acid.

1. Their acid tanks and transfer pumps are located in "acid areas" which are restricted to operating personnel with the appropriate protective clothing or equipment. In these areas, the acid leaks from piping, pumps and tanks goes into an acid proof sewer system.
2. He suggested that any sulfuric acid storage tank should be at least a concrete (acid proof-epoxy grout) pad which would drain any leaks or spills to the desired place.
3. The storage tanks for 98% sulfuric acid are vented by an open pipe from the top of the tank which would divert any acid during an overfl to ground and the acid would not be spilled on top of the tank. In the tanks where dilute acid is mixed oleum, the vapors are vented through an acid scrubber.
4. It is not necessary to passivate the surface of a new tank which is being put into sulfuric acid service. The acid will passivate the surface as it is filled.
5. The book, "Sulfuric Acid," McGraw-Hill, 1965, is considered a good reference for handling sulfuric acid.
6. They like to use soda ash to neutralize sulfuric acid spills.
7. They will send me a copy of some piping specifications for sulfuric acid which they recently prepared.

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274/601

EXHIBIT H

ANALYSIS OF PLANT WASTE WATER

		pH	$SO_4^=$ ppm
September 12, 1970			
95 Influent	10:30 a.m.	1.8	
95 Effluent	10:30 a.m.	5.5	119
95 Effluent	2:30 p.m.	5.7	90
Walnut Creek at Indiana	2:30 p.m.	7.4	44
Pond 5	2:30 p.m.	7.4	37
Great Western Reservoir	2:30 p.m.	7.5	17
September 13, 1970			
95 Effluent	10:00 a.m.	2.2	1120
Pond 5	10:00 a.m.	8.6	52
Walnut Creek at Indiana	10:00 a.m.	7.1	42
Great Western at Indiana	10:00 a.m.	7.1	28
Composite Sample			
January - March, 1970			
Pond 5			129
April - June, 1970			
Pond 5			104
Maximum Permissable Level			250

Historical Release Report
Preceding Sheet

Name: T. Jones

Date/Time: 8/19/91 11:00

Project: R.F. HRR 304944 (T.O. 4

erence Number 1501040

NI Yes No

urce Code EMF FRC FRCC LEGAL CEARP (881) OTHER (specify below)

stodian Warren, J., EG+G

ilding 881

quest Number 91 HRR ~~22~~ 18 Item NA

te Originated 10/27/82 Estimated Yes (No)

cession Nos NA

x Number E380A File Number NA

File Closed NA

port Period 10/27/82 - 10/27/82

le*Subject * Highlights 10/27/82 Brown gas emitting from Bldg 218

ndwritten (Yes) No Document Type Log

e Folder ~~B380~~ B130 Page Range 0681-~~88~~

thors & Orgs Richer, M.J., Rockwell

dressees & Org None

stribution & Org None

Cs & Orgs None 276/601

He rites
10/27/82

Michael J. Richter

10/26 – Use of potentially contaminated DDCP for Americium analysis has been discontinued due to the off odors. A new batch will be received that should not be contaminated. Wanda Parin – Lab tech involved.

10/27 – CSU Environmental Health Prepared Class final coordination steps completed. This will give us four [illegible] Public Relations. I have picked program and areas of interest where we need.
Groundwater monitoring
Beryllium control
HEPA filter testing
Body counting
Air Pollution Modeling

10/25 – Have ordered materials necessary for CO study. Have located CO dosimeters we can borrow from C.S.U. Have written a memo to D. Hornbacker in order to obtain his cooperation in continuous monitoring. Coordination w/ Mr. R. Nuby and Mrs. M. [illegible] have be exceptional.

277/601

10/27 - @ 12:00 noon I observed a brown gas and a brown cloud comming from Bldg 818. A Ward Transport truck was attached to the two Acid tanks at the time. The brown gas was eminating from the south tank and was quite visible.

I will determine the appropriate action necessary for employee personal protection.

Environmental people have been informed

278/601

Highlights 10/14/82 Through 10/27/82

1. Fifty six people were fitted with respirators.

2. Thirty people were indoctrinated

3. Gave a new proposal to J.E. Hill to update and increase the Number of fit-test chambers.

4. John Santopietro and people from other groups met with Dr. Wright to update him on the human aspect of supplied air operations.

Jack D Leigh

279/601

HI LITES. WEEK OF 10/21 - 10/27 SCR

10/22: INVESTIGATED THE Be SPILL IN 881 (BASEMENT). APPARENTLY SOMEONE LOADED A RABBIT IN THE "SHUTTLE" SYSTEM FOR THE NEUTRON GENERATOR; UNKNOWING THAT THE HOSING FROM FIRST FLOOR TO THE BASEMENT WAS DISCONNECTED. THE RABBIT SHATTERED ON THE FLOOR. HS;E MONITORS TOOK WIPE SAMPLES FROM THE SURROUNDING AREA - Be WAS NOT TRACKED OUTSIDE THE IMMEDIATE AREA. (SAMPLES TAKE PRE & POST CLEAN-UP). I RECOMMENDED THE FOLLOWING CLEAN-UP PROCEDURES:

GLOVES · BOOTIES
WHITES RESPIRATORS
WET KIMWIPES TO PICK UP THE Be CHIPS. DISPOSE WITH Be IN GEN LAB.
CALL IH FOR POST WIPE SAMPLES

10/26 PERFORMED LONG TERM CONFINED SPACE ENTRY TEST (O_2) IN BLDG 443 ENTERING A BOILER FOR 2 PERS.

INVESTIGATE A CONCERN FROM THE RAD MONITOR IN 444. A LATHE OUTSIDE THE Be SHOP (TM 101) WAS WORKING Be, AN AIR HEAD WAS PRESENT BUT WAS LACKING FILTER FOR SAMPLING.

OVER →

780/601

10/26 INVESTIGATED THE ALLERGIC DERMATITIS THAT OCCURRED IN BLDG III, IND GRAPHICS. THE WOMAN HAS A NERVOUS HABIT OF TOUCHING HER FACE ON THE DAY OF THE INCIDENT, SHE HAD TO HAND FEED HER MACHINE, THEREFORE GETTING INK ON HER HANDS IN TURN ON HER FACE. THE ELECTROSTATIC SOLUTION (INK) CONTAINS FERROUS CYANIDE AND SMALL AMT OF HCN, THIS CAUSING THE DERMATITIS.

281/001

THE LATHE IS ENCLOSED, SO CHANCES OF TRACKING SC. AROUND ROOM 101 & CLOSE TO MILLING AND MYSELF CAN LEARN TO IMPLIMENT THE MISSING PROCEDURES OR BE MAINTAINED SIGNS TO FIND OUT WHY WE WERENT NOTIFIED IN ADVANCE, ETC).

10/27 ATTENDED A DRAEGER PRODUCTS SEMINAR. LEARNED ABOUT DETECTOR TUBES - THE LATEST THEY HAVE, HOW THEY ARE USED ETC. PM WAS DEVOTED TO BREATHING AIR SYSTEMS. THEIR SCBA IS A GENERIC SET-UP AND CAN BE ADAPTED FOR AIR-LINE AND POSSIBLY LATER FOR EVAC PURPOSES.

DUE TO A PULLED LIGAMENT IN MY KNEE, FIELD WORK WAS RESTRICTED.

282/001

Hi-Lites
10-28-82
(S2)

Be build up on the walls of the Clerotech, Bldg. 447 reached [illegible] high levels last week. Utilities was notified and is cleaning the area.

attended Dräger Detector Tube meeting. Most interesting was a tube capable of sampling long-term (up to 8 hours.) The tube can be attached to low flow pumps (like the one we recently ordered). Potential chemicals of interest for us for which tubes are available are, CO, HCl, HF, Styrene, NO_2 and toluene. Cost per tube is about $3.00.

Investigated potential exposures in 371 after 2 individuals reported to medical complaining of chlorine and ammonia smells. It is possible that NO_2 and ammonia were produced as side reactions from mixing several solutions. ~~The~~ 371 labs are conducting tests to determine what was in the solutions. The individual reporting the ammonia exposure failed to report to work the next day. He blamed the exposure to ammonia for missing work. Medical was notified and reexamined the individual. I feel that ammonia exposure was probably not responsible for symptoms.

283/601

Warning properties of ammonia are such that individuals left the area before excessive exposure could probably occur.

Helped clean up mercury from machine in 881. Excess mercury will be taken to 881 for reclamation.

Odors have returned to 374, nitrate salt area. Odors are similar to those of several months ago in that they are unpleasant. Past sampling was unable to indicate chemical responsible for odor. Additional sampling will be performed. This appears to be a case where the nose is more sensitive than our instruments, in which case the levels would be so low as not to present a health hazard.

Preliminary results indicate 1,1,1 trichloroethane levels in Bldg. 883, were 10 ppm. Additional sampling is planned (TLV = 350)

Talked to Rep Workers about enclosing the room generating the salt and increase ventilation. He will investigate.

284/601

DATE: Thursday, September 26, 85 ROCKY FLA[illegible]LANT DISTRIBUTION: GEN[illegible] STA

ITEM	LOCATION	SHIFT	ORG.	CONDITION	RESPONDED/ NOTIFIED	STATUS
1	Site	9/25/85 DAY		0950 Hrs. A 2-3 gallon spill of nitric acid occurred during a vendor tank filling operation. Two containers of sodium bicarbonate were used to neutralize the spill. *	HS & E Fire Dept. Plant Prot. Liq. Waste Whse. Trucking Shift Super.	Closed
2	707	9/25/85 DAY	Production	1035 Hrs. Fire department personnel responded to a glovebox overheat alarm in bldg. #707, module "C". The alarm was caused by bare wires on a detector head. Maintenance personnel repaired and restored the system to normal operation.	Fire Dept. Plant Prot. Maint. Elect. Shift Super.	Closed
3	460	9/25/85 PM	Machining	1740 Hrs. The PM shift nurse sent an employee to St. Anthonys North for sutures to his thumb. The employee cut his thumb on some stainless steel machine turnings in bldg. #460. The patient was transported by plant protection vehicle.	Medical Plant Prot. Shift Super.	Follow-up by Industrial Safety and Medical.

This was not a spill. It was an overflow from the tank into the catchment basin around the tank. The reportable amount for nitric acid is 1000 lbs (~ 80 gal.) (2-3 gal = 25-40 lbs)

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ITEM	LOCATION	SHIFT	ORG.	CONDITION	RESPONDED/ NOTIFIED	STATUS
1	771	6/27/86 PM	Chem.Ops.	1615 Hrs. An employee, attempting to open a pressurized drum, was struck in the hip and left hand when the drum lid came loose. The patient was taken to medical then transported to the hospital for evaluation and possible treatment. The employee returned to work a short time later with a minor work restriction.	Fire Dept. Plant Prot. Medical Shift Super.	Supervision to investigate th accident.
2	883	6/27/86 PM	Utilities	1715 Hrs. A plugged drain in a intake plenum swamp cooler caused water problems in building #883 uranium storage area. Maintenance and utilities personnel worked to unplug the drain until proper repairs can be made. There was an estimated 4" of water on the floor from the incident.	Utilities Mtce/ Pipe Shift Super.	Additional wo required on t. drain.
3	Broomfield	6/28/86 Day	Warehouse	0645 Hrs. Wells Fargo reported a Burglar alarm at the Broomfield warehouse facility. Broomfield Police Dept. was notified and responded to investigate. No problem was found.	Shift Super. Wells Fargo Broomfield Police Dept.	Closed
4	Acid Storage	6/28/86 Day	Liq.Waste	1047 Hrs. Approximately one gallon of nitric acid spilled on the ground at the acid storage tank, apparently caused by failure of the automatic shutoff system. The acid was nutraized with an application of sodium bicarb. and the incident reported to Enviromental Analysis personnel.	Fire Dept. Liq. Waste Env. Anal. Shift Super.	Automatic shu off should be checked.

CERCLA Finding - Positive for FFSDIF, PA, and PSI; however, there is not sufficient information to calculate a HRS Migration Mode Score.

Planned Future Action - A CEARP Phase I reconnaissance field study will be conducted to determine the presence or absence of hazardous substances and the potential for migration into various environmental pathways. Based on the results of this study, appropriate action will be taken.

V.A.4.n. Outfall, 800 Area. Persons interviewed mentioned that an outfall existed south of Building 881. This outfall probably was the pipe on the hillside south of Building 881 that discharged water in December 1977. Water samples determined that this pipe is a cleanout pipe for an overflow line from a cooling tower (PC 1985c).

CERCLA Finding - Positive for FFSDIF, PA, and PSI; however, there is not sufficient information to calculate a HRS Migration Mode Score.

Planned Future Action - A CEARP Phase I reconnaissance field study will be conducted to determine the presence or absence of hazardous substances and the potential for migration into various environmental pathways. Based on the results of this study, appropriate action will be taken.

V.A.4.o. Out-of-Service Fuel Tanks, 800 Area. Persons interviewed stated that asbestos was placed in two out-of-service #6 fuel oil tanks located south of Building 881 and that the tanks were then filled with concrete (PC 1985a).

CERCLA Finding - Positive for FFSDIF, PA, and PSI; however, there is not sufficient information to calculate a HRS Migration Mode Score.

Planned Future Action - The tanks will be included in the onsite tank inventory (Sec. V.B.6.d). A CEARP Phase I reconnaissance field study will be conducted to determine the presence or absence of hazardous substances and the potential for migration into various environmental pathways. Based on the results of this study, appropriate action will be taken.

V.A.4.p. Acid Leaks (2), 400 Area. In September 1970, approximately 1,500 gal of sulfuric acid was spilled inside Building 443 and drained eastward from the

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building. This acid was captured in an earthen trap dug in an open field and neutralized with lime (Owen 1973, PC 1985c). The trap is now covered by buildings.

Persons interviewed mentioned that another acid leak occurred north of Building 444. Several hundred gallons of acid leaked from a tank and flowed along Central Avenue in the drainage ditch. Details on cleanup operations are not known..

These acids would have been neutralized by the buffering action of the soil, and the resulting by-products would have been benign and highly mobile in the environment. No environmental hazard should remain.

CERCLA Finding - Negative for FFSDIF, PA, and PSI; therefore, a HRS Migration Mode Score is not calculated.

Planned Future Action - No further action is warranted.

V.A.4.q. Acid Leak, 300 Area. Persons interviewed mentioned that a drum containing a mixture of nitric acid and hydrochloric acid leaked near the east gate of Building 374 in 1983. This acid would have been quickly neutralized by the buffering action of the soil, and the resulting by-products would have been benign and highly mobile in the environment. No environmental hazard should remain.

CERCLA Finding - Negative for FFSDIF, PA, and PSI; therefore, a HRS Migration Mode Score is not calculated.

Planned Future Action - No further action is warranted.

V.A.4.r. Multiple Acid Spills, 800 Area. Persons interviewed mentioned that there had been acid spills both north and west of Building 881. Spilled material was washed down with water to dilute the acid and disperse it on the ground.

The dilute acids would have been quickly neutralized by the buffering action of the soil, and the resulting by-products would have been benign and highly mobile in the environment. No environmental hazard should remain.

CERCLA Finding - Negative for FFSDIF, PA, and PSI; therefore, a HRS Migration Mode Score is not calculated.

extensive file

March 8, 1989

RCRA Contingency Plan
Implementation Report No. 89-001

RCRA CONTINGENCY PLAN
IMPLEMENTATION REPORT
ROCKY FLATS PLANT
EPA ID NUMBER CO7890010526

This report is made in compliance with the requirements of 6 CCR 1007-3, Part 265.56(j) for a written report within 15 days of the implementation of the RCRA Contingency Plan. The requirements for this report are given below, and will be addressed in the order listed, excerpted from 6 CCR 1007-3, Part 265.56:

"(j). . . . Within 15 days after the incident, he must submit a written report on the incident to the Department. The report must include:

(1) Name, address, and telephone number of the owner or operator;
(2) Name, address, and telephone number of the facility;
(3) Date, time, and type of incident (e.g., fire, explosion);
(4) Name and quantity of material(s) involved;
(5) The extent of injuries, if any;
(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
(7) Estimated quantity and disposition of recovered material that resulted from the incident."

INCIDENT ON OR ABOUT FEBRUARY 23, 1989

(1) Name, address and telephone number of the owner of the facility:

United States Department of Energy
Rocky Flat Plant
P. O. Box 928
Golden, CO 80402
303-966-2025

Facility Contact:
A. E. Whiteman, Area Manager

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(2) Name, address, and telephone number of the facility:

U. S. Department of Energy
Rocky Flats Plant
P. O. Box 928
Golden, CO 80402
303-966-2025

(3) Date, Time and Type of Incident:

The first indication of an incident was the observation of a "greenish substance" in the sewage treatment plant (STP) on February 23, 1989. The initial assumption made was that antifreeze or a dye penetrant had been discharged into the sanitary sewer system. Subsequent analyses of samples from the STP failed to confirm this initial assumption. Further samples were collected and analyzed for HSL metals. On February 28, the results of the analyses of a STP influent grab sample indicated total chromium in a concentration of 13 ppm. These results were reconfirmed on March 2, when laboratory analyses of a STP effluent grab sample indicated total chromium in a concentration of 2 ppm.

An extensive investigation was initiated on March 1 in order to isolate the source of the chromium. It was soon learned that an incident involving the over-filling of a hazardous waste tank located in Building 444 occurred the evening of February 22 and the morning of February 23. This tank receives liquid acidic wastes (containing chromium) from plating operations in Building 444.

At this point, it is believed that a faucet, which feeds into a bath of chromic acid solution in the plating lab, was not turned off when the employees left at the end of their shift on February 22. This incident caused the bath of solution to overflow and empty into a trough which leads to the RCRA tank which then over-topped, spilling waste into the secondary containment berm. The berm was then over-topped and waste spilled onto the room floor and into a sump. Indications are that the tank high-level visual light alarm was active and the audio alarm was off but on check-out was found to be functional.

Following clean-up of the spilled waste on February 23, a test was conducted on March 6 in an attempt to discover how the waste reached the STP. This test consisted of recreating the incident by filling the secondary containment and covering the room floor with water containing a blue dye.

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The dyed water was left overnight in the secondary containment and on the floor of the room. On March 7, it was discovered that the water level in the secondary containment dropped 12 inches. Additionally, dye was found in the footing drain.

Therefore, it is believed that the tanks' secondary containment failed releasing the waste to a footing drain beneath the building which leads to the STP.

Plating operations involving the chromic acid solution in Building 444 have ceased until the appropriate waste transfer procedures are implemented. Additionally, the sump which is used to pump water from the footing drain to the STP has been re-piped so that the water is now directed to the plant's process waste treatment system. Furthermore, action will be taken to repair the tank's secondary containment, alarm the sump located within the secondary containment berm, and install automatic water shut-off controls on the plating bath.

(4) Name and Quantity of Materials Involved:

The material involved in this incident is hexavalent chromium. The quantity of total chromium believed released from the STP to the B-3 and B-5 ponds is estimated to be 4.7 pounds. The plating solution bath in the laboratory typically contains 100 pounds of chromium in 95 gallons of solution. It is assumed much of the chromium remained in the plating solution bath, the tanks and within the berm.

(5) Extent of injuries:

No injuries occurred during this incident.

(6) An Assessment of Actual or Potential Threat to Human Health and the Environment:

a) Actual or Potential Threats to Human Health:

The waste materials involved in this incident could be an internal hazard to the human body if there had been opportunity for human intake of the material. The chromium, after travelling through the STP, was sent to Pond B-3, the ground adjacent to B-5 (North and South Sprayfields), and eventually to B-5. Results from grab samples collected March 1 from Ponds B-3 and B-5 indicate .19 mg/l and .08 mg/l total chromium, respectively.

Since the chromium appears to be contained in the B-3 and B-5 ponds, there does not appear to be an actual or potential threat to human health.

(b) Actual or Potential Threats to the Environment:

As of March 8, the chromium residing in Ponds B-3 and B-5, as determined by grab samples, ranges in concentration from just below to just above EPA's Primary Drinking Water Standards (.05 mg/l).

It should be noted that Ponds B-3 and B-5 are considered Low-Priority Solid Waste Management Units and are targeted for investigation in the not-too-distant future. The investigation will now include an assessment of chromium contamination of the ponds, as well as the North and South Sprayfields.

Therefore, based on current knowledge, a potential environmental impact may have occurred and this impact will be addressed fully during the plant's future environmental clean-up program.

(7) Estimated Quantity and Disposition of Recovered Material that Resulted from the Incident:

The spilled liquid waste in the secondary containment berm and the room's floor was pumped to 374 for treatment. It is not known the quantity of chromium treated. Undoubtedly, some chromium will be found in the STP sludge. Samples will be taken and analyzed for chromium content. Additionally, EP toxicity tests will be conducted on the sludge to determine if it is now a characteristic hazardous waste.

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RCRA CONTINGENCY PLAN
Implementation Report No. 89-0010

RCRA CONTINGENCY PLAN
IMPLEMENTATION REPORT
ROCKY FLATS PLANT
EPA ID NUMBER CO7890010526

This report is made in compliance with the requirements of 6 CCR 1007-3, Part 265.56(j) for a written report within 15 days of the implementation of the RCRA Contingency Plan. The requirements for this report are given below, and will be addressed in the order listed, excerpted from 6 CCR 1007-3, Part 265.56:

"(j) . . . Within 15 days after the incident, he must submit a written report on the incident to the Department. The report must include:

(1) Name, address, and telephone number of the owner or operator;
(2) Name, address and telephone number of the facility;
(3) Date, time, and type of incident (e.g., fire, explosion);
(4) Name and quantity of material(s) involved;
(5) The extent of injuries, if any;
(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
(7) Estimated quantity and disposition of recovered material that resulted from the incident."

- -

(1) **Name, address and telephone number of the owner of the facility:**

United States Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, Colorado 80402

(303) 966-2025

Facility Contract:
Edward S. Goldberg, Acting Area Manager

(2) **Name, address and telephone number of the facility:**

U. S. Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, CO 80402

(3) Date, time and type of incident:

(A) Description

On July 7, 1989, at approximately 1200 hours, an operator from Liquid Waste Operations was requested to set-up the valving on the T-2 and T-3 Process Waste Storage Tanks so that T-2 would receive liquid process waste and the high level alarm could be checked. The operator closed the valve on top of T-3 thereby purportedly directing the liquid waste flow to T-2 tank. The operator then vacated the area to attend other task assignments. At approximately 1415 hours, it was discovered that the continuous flow fabric filter in Room 1 of Building 444 was overflowing. Liquid had spilled onto the floor in the immediate area of the filter.

Radiation Monitoring, Health, Safety & Environment, Safety Review Group, RCRA/CERCLA Programs and the Shift Superintendent were notified immediately. Liquid Waste Operations was also notified.

(B) Corrective Action

The manifold control valve at the continuous flow fabric filter was positioned in the correct position in order for the filter to direct the process waste to Process Waste Storage Tank T-2.

Utility operators immediately cleaned up the liquid with a wet vacuum. The liquid from the wet vacuum was emptied into the filter sump and from there it was pumped into T-2.

(4) Name and quantity of materials involved:

The material involved was low-level radioactively contaminated liquid process waste that is generated in Building 444. This waste is made up of cooling water for machinery and scrubber water from Building 444 processes. The quantity of liquid spilled was estimated to be 25 gallons. The waste was sampled just prior to the incident and the results of the analyses are as follows:

Gross Alpha - 1.5×10^3 pCi/l
pH - 7.0
Beryllium - < 0.1 ppm

(5) Extent of injuries:

No injuries occurred as a result of this incident.

(6) An assessment of actual or potential threat to human health and the environment:

The material involved in this incident was, for the most part, water. The area was cleaned and the waste poured back into the sump tank and pumped into Tank T-2. Therefore, there does not appear to be an actual or potential threat to the environment or human health.

(7) Estimated quantity and disposition of recovered material that resulted from the incident:

Approximately 25 gallons of low-level process waste (water) was reintroduced into the process waste system.

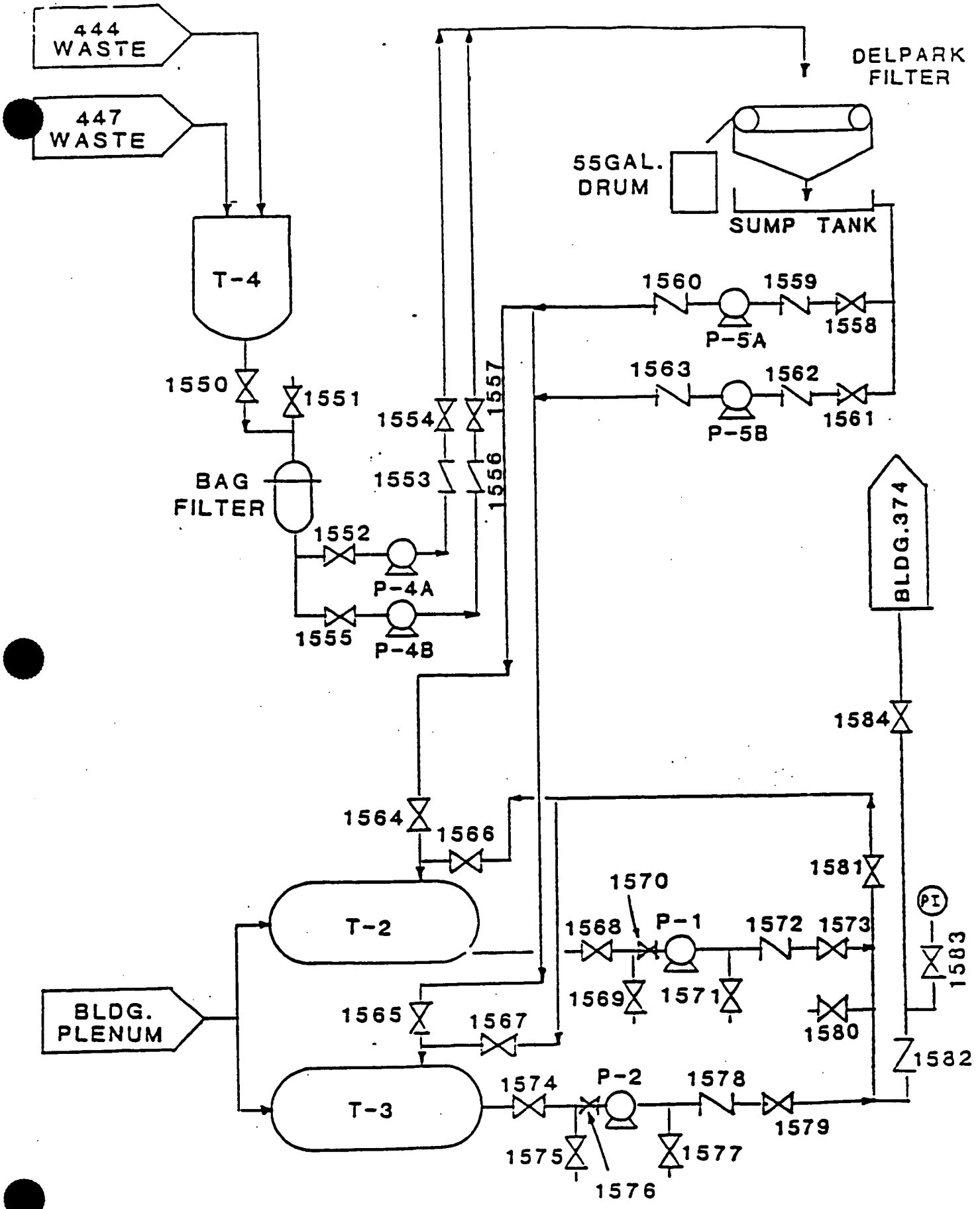

Figure 3. Delpark Waste Filter System, Building 444

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RCRA CONTINGENCY PLAN
Implementation Report No. 89-013

RCRA CONTINGENCY PLAN
IMPLEMENTATION REPORT
ROCKY FLATS PLANT
EPA ID NUMBER CO7890010526

This report is made in compliance with the requirements of 6 CCR 1007-3, Part 265.56(j) for a written report within 15 days of the implementation of the RCRA Contingency Plan. The requirements for this report are given below, and will be addressed in the order listed, excerpted from 6 CCR 1007-3, Part 265.56:

"(j) . . . Within 15 days after the incident, he must submit a written report on the incident to the Department. The report must include:

(1) Name, address, and telephone number of the owner or operator;
(2) Name, address and telephone number of the facility;
(3) Date, time, and type of incident (e.g., fire, explosion);
(4) Name and quantity of material(s) involved;
(5) The extent of injuries, if any;
(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
(7) Estimated quantity and disposition of recovered material that resulted from the incident."

- -

(1) Name, address and telephone number of the owner of the facility:

United States Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, Colorado 80402

(303) 966-2025

Facility Contact:
David P. Simonson, Manager

(2) Name, address and telephone number of the facility:

U. S. Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, CO 80402

(3) Date, time and type of incident:

(A) Description

On September 21,1989, at 12:15 a.m., a utility worker discovered that the process waste tanks in Building 887 were full and had over-flowed on to the floor. The utility worker immediately notified the Shift Superintendent and Liquid Waste Operations. The utility worker identified the source of excess water flow as an acid scrubber system in Room 266, Building 881. He closed the supply valve to the scrubber system, thus shutting off the supply of process waste to the tanks.

Liquid Waste Operations pumped the tanks and the overflow to Building 374 for normal processing. The water on the floor in Building 887 was pumped via a sump located in the floor back into the process tanks and then to Building 374. All spilled liquid was cleaned up by 7:15 a.m. on September 21.

Radiation Monitoring surveyed the area and detected no radioactive contamination. A check of the area by Industrial Hygiene and the HS&E Area Safety Engineer showed no other problems and the building was placed back in normal operations.

Utilities personnel subsequently determined that a drain valve had been left open after routine maintenance work on the acid scrubber unit in Room 266, Building 881. Since the drain valve was open, the supply line (normal process water) continued to run until turned off by Utilities after the overflow was found.

(B) Corrective Action:

The drain valve was closed and the acid scrubber was placed back into normal operation. Maintenance, the HS&E Area Safety Engineer, and the Building Manager issued a letter to all affected supervision concerning the importance of comducting a completion review prior to utility systems being placed back into operation after maintenance.

An existing project to install high level alarms in the Building 887 waste tanks will be completed by September 30, 1989.

(4) Name and Quantity of Materials Involved:

The tanks in Building 887 are used to collect process waste from Building 881. The process waste is made up of a collection of sites in Building 881 including normal acid scrubber overflow, analytical laboratory process waste (dilute acid solutions) and sinks/drains from building custodial operations. The waste is essentially free of radioactive materials but may contain very dilute depleted uranium.

The total spill to the floor of Building 887 was estimated to be 3500

gallons.

(5) Extent of Injuries:

No injuries occurred during this event.

(6) An Assessment of Actual or Potential Threat to Human Health and the Environment:

The solution involved was mostly process wastewater and very diluted acids. The spill was contained in Building 887 and transferred directly back into the waste tanks and then to Building 374 for treatment. No material was released to the outside environment. Therefore, there does not appear to be an actual or potential threat to human health or the environmental.

(7) Estimated Quantity and Disposition of Recovered Material That Resulted From The Incident:

Approximately 3500 gallons of process waste water was cleaned up (pumped back into waste tanks) and transferred to Building 374 for treatment.

RCRA CONTINGENCY PLAN
Implementation Report No. 89-014

RCRA CONTINGENCY PLAN
IMPLEMENTATION REPORT
ROCKY FLATS PLANT
EPA ID NUMBER CO7890010526

This report is made in compliance with the requirements of 6 CCR 1007-3, Part 265.56(j) for a written report within 15 days of the implementation of the RCRA Contingency Plan. The requirements for this report are given below, and will be addressed in the order listed, excerpted from 6 CCR 1007-3, Part 265.56:

"(j) . . . Within 15 days after the incident, he must submit a written report on the incident to the Department. The report must include:

(1) Name, address, and telephone number of the owner or operator;
(2) Name, address and telephone number of the facility;
(3) Date, time, and type of incident (e.g., fire, explosion);
(4) Name and quantity of material(s) involved;
(5) The extent of injuries, if any;
(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
(7) Estimated quantity and disposition of recovered material that resulted from the incident."

- -

(1) Name, address and telephone number of the owner of the facility:

United States Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, Colorado 80402

(303) 966-2025

Facility Contact:
David P. Simonson, Manager

(2) Name, address and telephone number of the facility:

U. S. Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, CO 80402

(3) Date, time and type of incident:

(A) - Description

On Friday, September 29, 1989, at approximately 7:30 a.m., a spill of process waste water was discovered in Room 1 of Building 444. The spill occurred at a temporary system installed to bypass a fabric filter while maintenance work was being performed on the fabric filter. The temporary bypass system was installed over a 30-gallon steel drum with a plastic bag and sump pump, which was then placed in a 2 X 2 X 4 foot wooden box lined with a hand-made plastic lining arrangement, which was then located within an existing bermed area. Approximately 65 gallon of process waste water was spilled into the bermed area.

This maintenance work was initiated by Rockwell to a sub-contractor in a standard work order form which defined the scope of work. Deviations from the original work order which specified a larger box and 55-gallon drum were necessary due to the limited working space. It was determined that the spill was caused by the inadequate size of the sump pump discharge hose and leaking of the box liner. Both of these concerns were remedied the day of the spill. The hose size was increased and a heavy-duty box liner was installed in the wooden box.

(B) Corrective Action:

When the spill was discovered, the Building Manager and Shift Superintendent were notified and all activities generating process waste water were shut-down. The hose size was increased from the initial 3/4 inch hose to a 1 1/2 inch hose and a heavy-duty liner (new) was installed in the wooden box.

The deviations to the work order should have been reviewed more thoroughly and earlier by Rockwell engineers, prior to use. In the future, more time will be given to adequately plan and set-up this type of temporary system.

(4) Name and Quantity of Materials Involved:

The spill involved approximately 65 gallons of process waste. The process waste is collected from a variety of sites from Building 444. The waste contained water, machine oil, and low-levels of depleted uranium. Radiation monitoring noted the presences of very low amounts of radioactivity in the waste water.

(5) Extent of Injuries:

No injuries occurred during this event.

(6) An Assessment of Actual or Potential Threat to Human Health and the Environment:

The spill was totally contained in the Room 1 process waste tank berm and pumped directly back into the process waste tanks, (T2 and T3). No material was released to the environment, and human contact was minimized. Therefore, there does not appear to be an actual or potential threat to human health or the environment.

(7) Estimated Quantity and Disposition of Recovered Material That Resulted From The Incident:

Approximately 65 gallons of process waste water was cleaned up (pumped back into Building 444's waste tanks) using wet-type vacuums and a sump pump.

RCRA CONTINGENCY PLAN
Implementation Report No. 89-017

RCRA CONTINGENCY PLAN
IMPLEMENTATION REPORT
ROCKY FLATS PLANT
EPA ID NUMBER CO7890010526

This report is made in compliance with the requirements of 6 CCR 1007-3, Part 265.56(j) for a written report within 15 days of the implementation of the RCRA Contingency Plan. The requirements for this report are given below, and will be addressed in the order listed, excerpted from 6 CCR 1007-3, Part 265.56:

"(j) . . . Within 15 days after the incident, he must submit a written report on the incident to the Department. The report must include:

(1) Name, address, and telephone number of the owner or operator;
(2) Name, address and telephone number of the facility;
(3) Date, time, and type of incident (e.g., fire, explosion);
(4) Name and quantity of material(s) involved;
(5) The extent of injuries, if any;
(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
(7) Estimated quantity and disposition of recovered material that resulted from the incident."

- -

(1) Name, address and telephone number of the owner of the facility:

United States Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, Colorado 80402

(303) 966-2025

Facility Contact:
David P. Simonson, Manager

(2) Name, address and telephone number of the facility:

U. S. Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, CO 80402

(3) Date, time and type of incident:

(A) Description

On Wednesday, October 25, 1989 at approximately 4:30 a.m., an overflow of process waste water from a Fume Scrubber Tank in Room 204 of Building 444 was discovered by a Utilities technician on a routine walk-through. The overflow was determined to be caused by two events. Firstly, a float valve on the Fume Scrubber Tank had broken and allowed the scrubber reservoir to fill up, unchecked, with water. Secondly, a hand-operated valve on an emergency overflow pipe had been inadvertently left in the "closed" position.

Under normal operating conditions, excess waste water flows out of the Scrubber and into the process waste water drain system. In this case, process waste water built up in the Scrubber Tank and eventually entered an air duct which is a part of the ventilation for the scrubbing process. Approximately 2000 gallons of water leaked from a seal in the duct onto the floor of Room 204 before the leak was discovered. Some of the waste water reached a sanitary sewer drain located approximately 8-10 feet from the Scrubber. Leakage from the air duct also drained into the women's locker room on the floor below. Spill solution in this area may have also discharged to a sanitary sewer drain.

The Utilities technician conducting the routine walk-through immediately shut-off the water supply to the Scrubber, and notified the Shift Superintendent and the Building Manager. Laboratory samples of the liquid were collected and the building was secured until results of the analyses were available. At the time of the incident there were no workers in the immediate area. The Building Manager had the Room 204 process area, the women's restroom, and the cafeteria closed off from all non-essential personnel.

Radiation monitoring, spill sample collection, and the cleanup activities were completed by approximately 10:30 a.m. Full-face respirators were used as a precautionary measure during the cleanup. Cleanup was accomplished using a wet vacuum, and the collected solution was transferred into the process waste line and eventually sent to Building 374 for treatment. Subsequent laboratory analyses indicated that radiation levels, pH, and chemical constituents of the spill solution were within acceptable limits for discharge to the process waste system. Work areas were re-opened to personnel as the cleanup proceeded, and monitoring showed the areas to be acceptable for occupancy.

(B) Corrective Action:

When the spill was discovered, the Shift Superintendent and Building Manager were immediately notified, the source of process water was shut off, samples were collected for lab analysis, personnel were not allowed into the spill areas, and necessary cleanup was conducted. Environmental Management instructed the Sewage Treatment Plant (STP) personnel to shut down spray irrigation operations and to hold all non-PSZ (Perimeter Security Zone) sanitary sewage flow, including Building 444, within the holding basins by Building 990. This isolated any further flow of the spill solution to the STP.

Environmental Management also had samples taken for radioactivity, and the initial gross alpha and gross beta screening results from the basins were between 60 and 100 pCi/l. These screening results would also include naturally-occuring, short-lived alpha and beta radioactivity.

In addition, the following corrective actions were taken and/or identified:

(1) Engineering is designing a change in the current piping to eliminate the valve in the overflow line.

(2) A work order has been placed with Engineering to improve the quality and performance of the current float valve design, which is of the domestic toilet-type concept and of a material susceptible to corrosion in the acidic environment of the scrubber.

(3) A work order has been placed with Engineering to redesign the sanitary drain system in the area of the scrubber to flow into the process waste system.

(4) An existing tank task team will evaluate this incident and act on the need for the addition of high-level alarm(s), or flow indicators on this system to provide an early warning of problems.

(5) A detailed procedure will be developed and implemented to check the system periodically for proper operation.

(4) Name and Quantity of Materials Involved:

The spill involved approximately 2000 gallons of solution which consisted primarily of nitric acid, fluosilicic acid, caustic soda (added to balance the pH) and water. The spill solution (taken from the spill material in the building) had a pH of 5, and contained 4300 pCi/l gross alpha and 6700 pCi/l gross beta.

(5) Extent of Injuries:

No injuries occurred during this event. There was also no loss of equipment.

(6) An Assessment of Actual or Potential Threat to Human Health and the Environment:

The spill solution involved in this incident was essentially water, nitric acid, fluosilicic acid, and caustic soda which had a pH of 5 and initial count of 4300 pCi/l gross alpha, and 6700 gross pCi/l beta radioactivity levels within the building. The volume of solution that overflowed was approximately 2000 gallons. Most of the volume was contained in Room 204; however, some of the solution is thought to have entered the sanitary sewer system. However, the unknown quantity of spill solution that entered the sanitary sewer system was, for the most part, isolated in the holding basins. Also, the initial gross alpha and gross beta screening results for the North and South retention basins were between 60 and 100 pCi/l. These results included naturally-occuring short-lived alpha/beta radioactivity. A second, more sensitive analysis, was done using longer count times for both basins with results below the control guides of 40 pCi/l total long-lived gross alpha and 50 pCi/l total long-lived gross beta.

(7) Estimated Quantity and Disposition of Recovered Material That Resulted From The Incident:

Approximately 2000 gallons of solution were cleaned up using a wet vacuum. The solution was then discharged to the process waste system which leads to Building 374 for liquid waste treatment.

Sample analysis report

RCRA CONTINGENCY PLAN
Implementation Report No.89-018

RCRA CONTINGENCY PLAN
IMPLEMENTATION REPORT
ROCKY FLATS PLANT
EPA ID NUMBER CO7890010526

This report is made in compliance with the requirements of 6 CCR 1007-3, Part 265.56(j) for a written report within 15 days of the implementation of the RCRA Contingency Plan. The requirements for this report are given below, and will be addressed in the order listed, excerpted from 6 CCR 1007-3, Part 265.56:

"(j) . . . Within 15 days after the incident, he must submit a written report on the incident to the Department. The report must include:

(1) Name, address, and telephone number of the owner or operator;
(2) Name, address, and telephone number of the facility;
(3) Date, time, and type of incident (e.g., fire, explosion);
(4) Name and quantity of material(s) involved;
(5) The extent of injuries, if any;
(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
(7) Estimated quantity and disposition of recovered material that resulted from the incident."

- -

(1) Name, address and telephone number of the owner of the facility:

United States Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, Colorado 80402

(303) 966-2025

Facility Contract:
David P. Simonson, Manager

(2) Name, address and telephone number of the facility:

U. S. Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, CO 80402

307/601

(3) Date, time and type of incident:

(A) Description:

On Friday, October 27, 1989, at approximately 1:30 a.m., process waste water was noted to be overflowing from a tank in Room 139 of Building 883. This over-flow was caused by a malfunction in the water level sensor for a fume scrubber. This sensor ordinarily opens and closes on demand to provide adequate water to the scrubber; however, the sensor malfunctioned in the "open" position and continued to fill the scrubber until the overflow line was reached. By design, the process water then flowed into holding Tanks T-1 and T-2 which are adjacent to the scrubber and in a bermed area. The filling continued until the 1,200 gallon capacity of each tank was exceeded, and the solution ran down the side of the tanks into the bermed area. An audio alarm and flashing light, which detects excess solution in the scrubber and the tanks, had activated and were noted by Utility personnel during a routine walk through of the area; this area is not occupied or has any regular work operation during this period.

The Utility person responded to the alarm, investigated the scrubber area, noticed the overflow condition and immediately turned off the process water feed line which stopped the flow to the scrubber. The Shift Superintendent and Building Manager were also immediately notified. The solution in Tank T-1 was analyzed and found to have a pH level of 10.2 and was then shipped over to Liquid Waste Operations in Building 374 in a routine manner. When Tank T-1 had been adequately emptied, approximately 500 to 600 gallons of solution, which also had a pH of 10.2, was pumped back into Tank T-1 with the sump pump located in the bermed area. Residual solution was picked up with a wet vacuum and also placed back in Tank T-1. The cleanup operation was completed at approximately 1:00 p.m. on Friday, October 27, 1989.

During the initial investigation of this incident, the Shift Superintendent also noticed that a small stream of solution approximately one foot wide had ran under the wall of the building, onto the outside concrete flooring and partially down the side of the same flooring, approximately one foot, but did not reach the ground. The solution was determined to be process waste water that had "splattered" out onto the floor during the overflow condition of the scrubber through a neoprene filter which is a part of the scrubber air ventilation system. This system is approximately three feet from the outside wall of the metal building with angle iron used to attach the wall to the concrete floor. The stained area was also monitored by Radiation Monitoring, and no radioactivity was detected.

(B) Corrective Action:

When the spill was discovered, the Shift Superintendent and Building Manager were immediately notified, the source of process water was shut off, and the cleanup activities were started. The following corrective action steps were taken:

1. A decision was made to eliminate the automatic water level system and to manually fill the Fume Scrubber System.

2. A procedure will be written for the manual filling of the scrubber with process water.

3. A work order will be written to add a high-level alarm in the Scrubber System.

(4) Name and Quantity of Material Involved:

The spill involved approximately 500 to 600 gallons of solution which consisted of neutralized nitric acid, caustic soda (added manually to balance the process system) and process waste water. This solution had a pH of 10.2. Radiation Monitoring monitored the bermed area and detected very low amounts of radioactivity, which was determined to be depleted uranium. The solution which "splattered" on the floor adjacent to the scrubber and seeped outside onto the concrete was determined to be process waste water, and when monitored by Radiation Monitoring showed no radioactivity.

(5) Extent of Injuries:

No injuries occurred during this incident. There was also no loss of equipment.

(6) An Assessment of Actual or Potential Threat to Human Health and the Environment:

The solution involved in this incident was essentially process waste water, neutralized nitric acid, and caustic soda which had a pH of 10.2 and a very low amount of depleted uranium. This solution of 500 to 600 gallons was contained inside of Room 139 of Building 883, and was not released to the outside environment.

The solution which seeped outside on the concrete flooring did not reach the ground and was determined to be only non-radioactive process water. Therefore, it does not appear that there was a potential threat to human health or the environment.

(7) Estimated Quantity and Disposition of Recovered Material that Resulted From the Incident:

Approximately 500 to 600 gallons of solution was cleaned up, and the contents pumped back into T-1 holding tank using the existing sump pump and a wet vacuum. This solution was eventually transferred to Liquid Waste Operations in Building 374 for further processing.

extensive file

June 1, 1990
RF-90-3310
Page 1 of 9

RCRA CONTINGENCY PLAN
Implementation Report No. 90-005

RCRA CONTINGENCY PLAN
IMPLEMENTATION REPORT
ROCKY FLATS PLANT
EPA ID NUMBER CO7890010526

This report is made in compliance with the requirements of 6 CCR 1007-3, Part 265.56(j) for a written report within 15 days of the implementation of the RCRA Contingency Plan. The requirements for this report are given below, and will be addressed in the order listed, excerpted from 6 CCR 1007-3, Part 265.56:

"(j) . . . . Within 15 days after the incident, he must submit a written report on the incident to the Department. The report must include:

(1) Name, address, and telephone number of the owner or operator;
(2) Name, address, and telephone number of the facility;
(3) Date, time and types of incident (e.g., fire, explosion);
(4) Name and quantity of material(s) involved;
(5) The extent of injuries, if any;
(6) An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
(7) Estimated quantity and disposition of recovered material that resulted from the incident."

---

(1) Name, address and telephone number of the owner of the facility:

United States Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, Colorado 80402

(303) 966 -2025

Facility Contact:
Robert M. Nelson, Jr. , Manager

310/601

RCRA CONTINGENCY PLAN
Implementation Report No. 90-005

(2) Name, address and telephone number of the facility:

United States Department of Energy
Rocky Flats Plant
Post Office Box 928
Golden, Colorado 80402

(3) Date, time and type of incident:

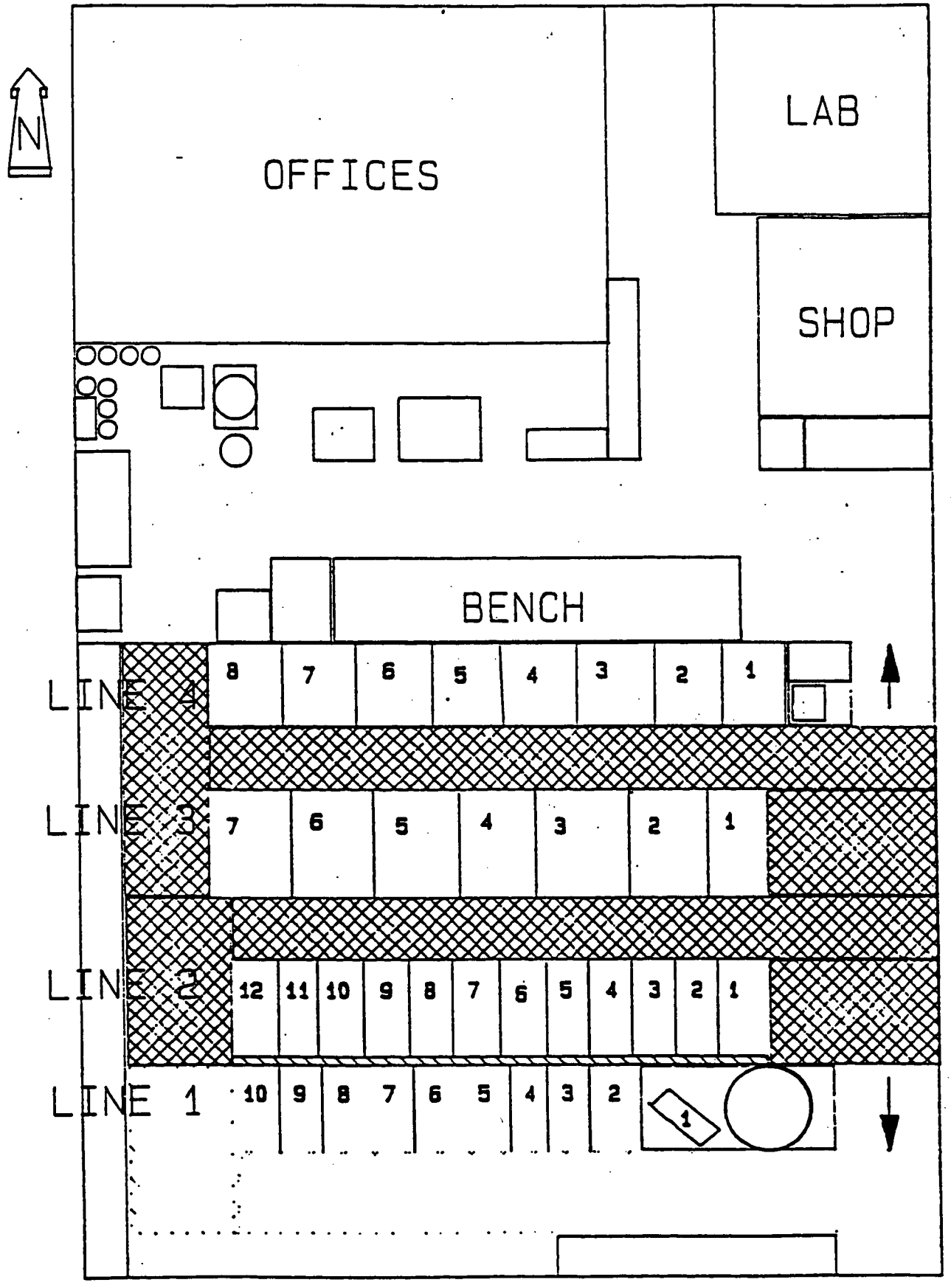
A. Description:

At 8:51 p. m. May 21, 1990 the fire suppression system in Building 444 Room 245 was automatically activated by a fire centered at line 1, bath 4 (see attached Floor Plan Room 245). The Rocky Flats Fire Department responded and supplemented the room sprinklers with water from fire hoses. The fire was extinguished by 9:12 p. m. The cause of the fire is still under investigation. The water from the sprinkler system and the fire hoses flooded the floor and the baths in line 1 and line 2. Line 1, bath 4 contained a gold cyanide plating solution. The overflow from this side of the room flowed through floor drains in Room 245 to waste tanks, Tanks 3 and 4, in Room 9A in the basement of Building 444. The baths in line 2 contained sulfuric acid, hydrochloric acid and nickel and the overflow from this side of the room flowed through separate floor drains in Room 245 to waste tanks, Tanks 1 and 2, in Room 9A in the basement of Building 444.

The waste tanks overflowed, filled their secondary containment berms, and water flowed to the floor of Room 9A. After the fire was extinguished, Fire Protection Personnel entered Room 9A and when the door was opened, water flowed into rooms 9, 10 and 11 creating shallow puddles in these rooms.

311/691

RCRA CONTINGENCY PLAN
Implementation Report No. 90-005
Floor Plan for Room 245



312 | 601

RCRA CONTINGENCY PLAN
Implementation Report No. 90-005

Initial sampling of the water was conducted in the early morning hours of May 22, 1990. Preliminary results based on litmus paper tests for pH indicated a "zero" for the approximately 1400 gallons of water contained in the berm surrounding Tank 1 and Tank 2 (see attached Floor Plan Room 9A.) Later measurements using a pH meter (which is more accurate than paper) indicated a pH of 2.2. A pH of between 11 and 12 was indicated for the approximately 1500 gallons of water contained in the berm surrounding Tank 3 and Tank 4 and also for the 2000 to 2500 gallons of water on the floor.

The baths and pipes that were burned were constructed of polypropylene and polyvinylchloride (PVC). Small quantities of other plastics may have also been consumed in the fire. The quantity of material consumed is estimated to be less than 100 pounds. The smoke from the fire would be expected to have contained small quantities of hydrochloric acid as a by-product of combustion.

B. Follow-up Action

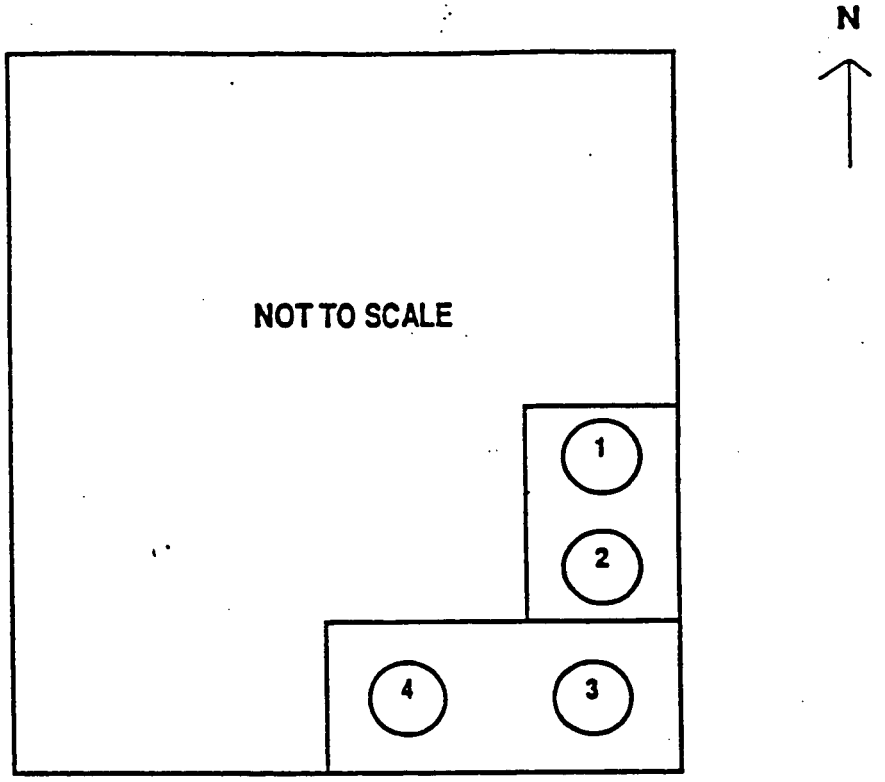
Blue dye was mixed into the water on the floor of the basement to trace any potential leak path through the floor to the building footing drain or to any unexpected destination. The building footing drain flows to the liquid process waste system in Building 374. No dye was observed outside of Building 444 or in the building sump.

The water in the berms remained visually stable at the top of their containment levels for more than 24 hours indicating no leakage. Both berms are hypalon lined. The liner integrity was certified by an independent professional engineer when they were installed in 1989. The integrity of the berms will be confirmed as part of the ongoing fire investigation.

Water from the floor was collected and routed to the liquid process waste system for treatment in Building 374. The cleanup activity began on second shift May 22, 1990 and was completed the following day. The water was segregated from other plant liquid process waste and will be sampled again. Those sample results are not yet available.

313/601

FLOOR PLAN ROOM 9A



ANALYTICAL RESULTS 05/22/90

TANK 1 alpha = 1.1×10^3 pCi/L
pH = 10.8
Be = < 0.1 ppm
Au = < 0.2 ppm
CN = < 1 ppm

TANK 2 alpha = 1.5×10^2 pCi/L
pH = 2.5
Be = < 0.1 ppm
Au = < 0.2 ppm
CN = < 1 ppm

TANK 3 No Samples

TANK 4 alpha = 4.4×10^2 pCi/L
pH = 13.2
Be = < 0.1 ppm
Au = 80 ppm

BERM TANKS 1 AND 2
alpha = 3.0×10^2 pCi/L
pH = 2.2
Be = < 0.1 ppm
Au = 0.4 ppm

BERM TANKS 3 AND 4
alpha = 3.3×10^1 pCi/L
pH = 11.2
Be = < 0.1 ppm
Au = 28 ppm
CN = 5.3 ppm

FLOOR pH = 12
Free CN = 0 ppm

NOTE: All tanks have been re-sampled for laboratory analysis.

314/601

RCRA CONTINGENCY PLAN
Implementation Report No. 90-005

There is no evidence of a release from the basement, however, if any occurred the building is designed so that a release would be collected by the building footing drain. The building footing drain is connected to the liquid process waste system. In addition to these precautions, the contents of the sewage treatment plant south holding basin, Pond B-3 and Pond B-5 are being held until sample results can conclusively indicate no contamination from the fire suppression water reached the sewage treatment plant or the holding ponds.

(4) Name and quantity of materials involved:

The material involved was approximately 5000 gallons of fire suppression water with dilute contamination as described below:

- 1400 gallons of fire suppression water contaminated with sulfuric acid and hydrochloric acid solution contained in the berm surrounding Tanks 1 and 2.

- 1500 gallons of water contained in the berm surrounding Tanks 3 and 4 contained gold cyanide plating solution.

- 2000 to 2500 gallons of water on the floor similar to the water in the berm surrounding Tanks 3 and 4.

The page labeled as "Floor Plan Room 9A" indicates analytical results obtained.

A small, unknown quantity, of hydrochloric acid as a by-product of combustion of PVC would be expected to have been released in the smoke from the fire. Other products of combustion may have been present in trace quantities.

(5) Extent of injuries:

One employee who observed smoke coming from the building received first-aid for eye irritation. Additionally, all eight fire protection personnel reported to the Occupational Health Department for a precautionary evaluation for exposure to cyanide after the fire was extinguished. The results of the evaluation were negative.

RCRA CONTINGENCY PLAN
Implementation Report No. 90-005

(6) An assessment of actual or potential threat to human health and the environment:

There is no evidence of an actual or potential threat to human health or the environment.

7) Estimated quantity and disposition of recovered material that resulted from the incident:

The water was collected by sump pumps and transferred to the liquid process waste system for treatment in Building 374. The water that could not be pumped was mopped and transferred to the process liquid waste system. Solid material generated during the cleanup was packaged and is being handled as low-level waste. The total quantity of water involved in the incident is estimated to be about 5000 gallons. Two drums of low-level waste were generated.

316/601

APPENDIX C

FOOTING DRAIN LOCATIONS AND SAMPLE ANALYSIS RESULTS, BUILDINGS 444, 883, AND 881

- Foundation drain plans for buildings 444, 883, and 881.

3/7/00

	A	B	C	D	E	F	G	H	I	J	K
3	Date	Location	Nitrate	Alpha	"+/-"""	Beta	"+/-"""	pH	Temp C	TDS	Cond
4	05-May-91	FD 881-1	5.73	8	2	5	1			267	430
5	04-Oct-88	BS 865-1	5.95	15	18	-2	23	8.6		366	629
6	15-Dec-88	BS 865-1	7.35	-4	10	2	16	7.4		190	264
7	26-Apr-89	BS 865-1	5.96	6	14	4	21	8.3		404	500
8	15-Sep-89	BS 865-1	0.03	14	12	4	18	7.5		314	487
9	06-Oct-90	BS 865-1	8.84	8	2	14	2			398	560
10	23-Feb-91	BS 865-1	10.7	12	3	17	4			524	775
11	05-May-91	BS 865-1	3.62	5	1	6	1			242	398
12	21-Sep-91	BS 865-1	4.5	23	4	37	3	8.83	15	438	443
13	07-Mar-92	BS 865-1	3.12	4	1	6	1	7.26	7	293	436
14	12-Apr-88	BS 881-3	3.1	15	16	4	31	7.9		407	705
15	26-Jul-88	BS 881-3	0.49	20	14	10	23			341	603
16	04-Oct-88	BS 881-3	3.04	7	18	5	25	7.9		293	559
17	15-Dec-88	BS 881-3	3.46	5	11	31	20	7.9		412	610
18	26-Apr-89	BS 881-3	3.74	15	19	1	19	7.8		398	517
19	21-Jun-89	BS 881-3	6.82	0	9	-4	17	7.8		406	600
20	15-Sep-89	BS 881-3	7.56	20	15	6	18	7.9		353	566
21	17-Dec-89	BS 881-3	3.92	9	8	7	13	7.9		393	623
22	12-Apr-88	BS 883-1	4.4	20	16	18	29	7.8		664	1055
23	26-Jul-88	BS 883-1	0.98	18	13	12	25			290	456
24	04-Oct-88	BS 883-1	2.37	18	20	14	22	8.7		314	548
25	15-Sep-89	BS 883-1	7.4	10	14	1	17	7.7		854	11300
26	17-Dec-89	BS 883-1	2.48	20	14	3	16	7.8		322	501
27	05-May-91	BS 883-1	2.94	5	1	8	1			304	519
28	21-Sep-91	BS 883-1	2.88	4	1	8	1	7.81	19.1	200	242
29	07-Mar-92	BS 883-1	1.51	6	1	8	1	7.8	8	157	214
30	26-Apr-89	FD 444/460	3.36	1	9	4	19	7.5		203	275
31	21-Jun-89	FD 444/460	7.3	1	10	4	18	8.7		431	489
32	15-Sep-89	FD 444/460	7.39	32	16	1	16	8.4		408	547
33	17-Dec-89	FD 444/460	7.26	16	15	19	19	8.5		398	523
34	06-Oct-90	FD 444/460	8.08	2	1	6	2			437	553
35	05-May-91	FD 444/460	0.31	3	1	6	1			11	25.5
36	07-Mar-92	FD 444/460	7.73	2	1	3	1	8.23	11.5	417	510
37	12-Apr-88	FD 865-1	1.1	11	15	3	31	7.9		292	514
38	21-Jun-89	FD 865-1	2.81	9	11	-2	17	7.8		181	246
39	12-Apr-88	FD 881-1	4.9	10	14	5	31	8.3		508	764

318/601

A	A	B	C	D	E	F	G	H	I	J	K
40	26-Jul-88	FD 881-1	4.55	20	14	8	23			440	747
41	10-Oct-88	FD 881-1	3.54	15	13	4	13	7.9		535	864
42	15-Dec-88	FD 881-1	6.28	10	10	16	13	8.2		529	663
43	26-Apr-89	FD 881-1	6.02	12	14	4	21	8		519	693
44	21-Jun-89	FD 881-1	6.93	15	13	25	21	8.2		520	773
45	15-Sep-89	FD 881-1		21	15	8	19	8.6		407	646
46	06-Oct-90	FD 881-1	7.05	10	2	9	2			507	775
47	23-Feb-91	FD 881-1	1.65	2	1	7	1			250	422
48	05-May-91	FD 881-1	5.73	8	2	5	1			469	743
49											

3191001

Building Sumps and Footing drains HSL Metals for 444/460, 881, 883																						
DATA EXTRACT:																						
Date	Location	Sample ID	Al	C	Q	M	Sb	C	Q	M	As	C	Q	M	Ba	C	Q	M	Be	C	Q	M	Cd
7/26/88	BS 881-3		117.7				U				U				131.9				U				U
10/4/88	BS 881-3		209.7				U				U				150.6				U				U
12/15/88	BS 881-3		127.6				U				U				142.2				U				U
4/26/89	BS 881-3		79.8				35.5				U				132.6				U				U
6/21/89	BS 881-3		51.8				U				17				144.7				U				U
9/15/89	BS 881-3		37.8				U				U				143.4				U				U
12/17/89	BS 881-3		208				U				2.6				159.4				U				U
7/26/88	BS 883-1		910.8				U				U				102				U				U
10/4/88	BS 883-1		1311.6				U				U				123.7				U				U
9/15/89	BS 883-1		1269.1				U				6.8				234.3				U				U
12/17/89	BS 883-1		2732.7				U				1.8				142				U				9.1
5/5/91	BS 883-1		520				U				U				93.9				U				3.7
9/21/91	BS 883-1		316				U				U				64				U				U
5/5/91	FD 444-460		265				U				U				10.5				2.5				U
3/7/92	FD 444-460		166				U				1.0*				139				U				U
4/26/89	FD 444/460		5715				U				10				87.2				U				U
6/21/89	FD 444/460		965.8				U				10				149.3				U				U
9/15/89	FD 444/460		1930.5				U				U				153.2				U				U
12/17/89	FD 444/460		1769.5				U				U				168.9				U				U
7/26/88	FD 881-1		217.7				U				U				185.5				1.1				U
10/10/88	FD 881-1		88774				U				U				160				U				U
12/15/88	FD 881-1		267.4				U				U				141.3				U				U
4/26/89	FD 881-1		84.4				34.6				U				134.8				U				U
6/21/89	FD 881-1		418.3				U				10				204.8				U				U
9/15/89	FD 881-1		327.9				U				4.6				179.5				U				U
2/23/91	FD 881-1		86.4				U				U				82.4				U				U
5/5/91	FD 881-1		171				U				U				128				U				U
3/7/92	FD 883-1		1790				U				1.3*				56.5				U				U

320/601

C	Q	M	Ca	C	Q	M	Cr	C	Q	M	Co	C	Q	M	Cu	C	Q	M	Fe	C	Q	M	Pb	C	Q	M	Mg	C
			59063				U				U				24.7				154.9				U				15715	
			63303				22.6				U				69.3				308.5				11				16324	
			63933.5				13.5				U				36.4				306.7				U				17802.8	
			61341.5				U				U				43.9				278.5				4.2				14134.5	
			62774.2				U				U				23.3				57.1				4				14971.2	
			63694				U				U				26.1				68.6				4				14959	
			65967.3				U				U				31.2				192.4				2.7				18235.5	
			57871				U				U				U				1072				6				14220	
			63210				18				U				15.7				1437				17				17932	
			143135.6				U				U				8.9				1011.2				3.2				27423.1	
			49967.6				15.9				U				28.6				2799.3				33.7				13523.2	
			54900				U				U				10.5				372				U				11500	
			30000				U				U				U				247				U				8650	
			2660				U				U				15.2				229				U				376	
			85900				8.3				U				6.7				113				1.5"				11500	
			41884				13.4				U				81.3				1642				19				4752	
			83861.7				U				U				133.7				3367.4				8				11364.4	
			88461.2				U				U				47.2				1522.7				9.1				10903.7	
			88159.3				8.3				U				187.6				4096.4				20				12043.6	
			90166				U				U				U				1375				U				26180	
			88774				10.7				U				U				184.2				U				20153	
			88777				10.1				U				10.5				206.8				U				19813	
			83482.1				U				U				U				113.1				3				19972.2	
			128341.1				U				U				4.2				346.5				3				21823.6	
			85113.2				U				U				4.2				231.7				2.2				18941.7	
			41000				U				U				U				97.7				U				9030	
			82000				U				U				U				102				U				17100	
			23400				9.7				U				7.2				1450				1.0"				6740	

321/661

Q	M	Mn	C	Q	M	Mo	C	Q	M	Ni	C	Q	M	K	C	Q	M	Se	C	Q	M	Ag	C	Q	M	Na	C	Q	M
		U				U				U				38000				U				U				39482			
		13.1				U				U				5500				U				U				54526			
		5.6				U				U				4800				U				U				51442.2			
		7.3				U				U				2200				U				U				43843.8			
		4.7				U				U				5110				3				U				45327.7			
		5.1				U				U				4850				2.6				U				35278.5			
		5.7				U				45.3				5650				2.7				U				50051.2			
		37.1				U				U				5000				U				U				35418			
		176.9				U				U				5500				U				U				43568			
		26.2				U				U				4020				1.1				U				63119.8			
		176.1				U				U				9550				7.3				U				53000.8			
		30.8				U				U				4230				U				U				32200			
		34.9				7.9				U				6540				U				U				24300			
		10				U				U				1220				U				U				2670			
		5.9				U				U				2250				1.0*				U				16000			
		68				U				U				3700				U				U				17801.6			
		66.2				U				U				1560				U				U				12597.1			
		37.8				U				U				2860				U				U				14441.5			
		104				U				36.3				1540				U				U				13885			
		52.4				U				U				4100				U				U				51871			
		12.2				U				U				3900				U				U				45142			
		12.5				U				U				3500				U				U				41302			
		5.1				U				U				1400				U				U				48098.6			
		25.4				U				U				4200				4				U				50052.6			
		6.2				U				U				3990				3.7				U				41615			
		11.9				U				U				5770				U				U				23700			
		8.2				U				U				3240				U				U				40100			
		56.1				U				U				4220				2.1*				U				19300			

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Sr	C	Q	M	Tl	C	Q	M	V	C	Q	M	Zn	C	Q	M	Hg	C	Q	M
495.7				U				U				116.8				0.3			
605				U				U				51.7				U			
612				U				U				42.9				U			
531.8				U				U				U				U			
514.2				U				U				18.9				U			
498.9				U				U				38.1				U			
590.9				U				15.6				50.2				U			
455.4				U				U				227.1				1.7			
626.2				U				U				819.2				U			
1008.7				U				U				92.9				U			
484				U				U				1322.4				U			
421				U				U				196							
295				U				U				433							
12.9				U				U				370							
383				1.0*				U				166				.20*			
199.2				U				U				1735.5				U			
382.1				U				U				595.5				U			
383.2				U				U				483.1				U			
408.7				U				U				1086.4				U			
748				U				U				68				U			
712.2				U				U				85				U			
674.7				U				U				34				U			
672.7				U				U				U				U			
775.5				U				U				201.2				U			
636.6				U				U				84.3				U			
278				U				U				107				U			
552				U				U				44.6							
214				1.0*				U				257				.20*			

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A	Existing Soil, Ground Water, and Surface Water Data from RFEDS
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C	Footing Drain Locations and Sample Analysis Results, Buildings 444, 883, and 881
D	Radiometric Survey Reports 1977 - 1984
E	Borehole Logs
F	Ground Water Quality in Wells Upgradient and Downgradient of OU12
G	HPGe Technical Documentation
H	Procedures for Field Measurements of Volatile Organics in Soil Gas, Soils, and Ground Water
I	Rocky Flats Environmental Database System (RFEDS) Field Data Forms

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APPENDIX D

RADIOMETRIC SURVEY REPORTS 1981 - 1989

- Report on radiometric survey.
- General radiometric survey information with sampling plan and location maps.
- Radiometric Surveys for Rocky Flats Plant for August, 1981 and July 1989.

Internal Letter

Rockwell International

Date - August 31, 1988

No. . LAM.RWH1

TO (Name, Organization, Internal Address)
- T. C. Greengard
- RCRA/CERCLA Program
- Bldg. 750

FROM (Name, Organization, Internal Address, Phone)
- R. W. Hawes
- Environmental Management
- Bldg. T452B
- Ext. 2582

SUBJECT - REPORT ON RADIOMETRIC SURVEY

The Radiometric Survey that was conducted during the time period 1977 to 1984 evolved from the use of FIDLER (Field Instrument for Detecting Low Energy Radiation) type instruments for research projects designed to identify methods to evaluate contamination in soil. Experimental instruments were being used at the Rocky Flats Plant as early as 1971 or 1972. A copy of a 1974 letter from DOE (attached) recognized that the FIDLER was becoming an important research instrument. Because the FIDLER was easy to use and was the best available technology at the time, a plant wide survey was undertaken in 1977 with the concurrence of DOE (see attached letter). The instruments used at the Rocky Flats Plant are composed of a NaI scintillation probe made by Bicron Corporation and an analyzer from Ludlum Measurements, Inc. (brochure attached).

Due to instrument and manpower limitations, the survey was conducted only when personnel were available and the weather cooperated. Construction activities took precedence in the survey so that the affected areas could be surveyed prior to excavation. Building 910, the reverse osmosis plant, is one good example of a project where the survey was done prior to ground breaking and radioactive soil contamination was found. Contaminated soil had to be removed before construction could proceed and the FIDLER was used to identify where the contamination existed and when removal was sufficient. This project was the first use of front-end loaders to place moist soil into wooden boxes for off-site shipment. Prior to this, contaminated soil removal had been done in a portable house with a HEPA filtered exhaust system. This type of excavation was very labor intensive. The soil was removed using shovels and hand water sprays to control resuspension, and the soil was placed into plastic bags.

The PSZ (Perimeter Security Zone) project represented one of the first large areas to be surveyed. In order to log the survey and to map the area, survey sites were measured into strips ten feet wide by 300 feet long. Wooden stakes were placed in the corners and yellow ropes were laid on the ground to delineate the strips. The Radiation Monitors wielding the FIDLER would slowly walk a zig zag path between the ropes. Readings were generally recorded by a salaried employee from HS&E. In later years the monitors did their own mapping and recording and reported the results weekly to Environmental Analysis and Control.

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More careful monitoring was performed when an unusual reading was noted during the initial survey. Readings were recorded and the area marked, usually with wooden stakes with yellow and magenta barrier tape between them. EA&C and the Radiation Monitor supervisor were also notified. If the identified area was not in a construction area or in an area of potential risk to personnel or the environment, the survey continued. Arrangements for removal or clean up were made if the contamination was an immediate hazard or obstructed construction. However, cleanup was not intended to be an integral part of the survey.

In the early years of using the FIDLER, several attempts were made to correlate the counts per minute (c/m) readings on the instrument with a quantitative activity. This technique was discarded and the c/m readings were more properly used to indicate only relative differences in activity. "Hot Spots" which were found by the FIDLER could be anything from plutonium to depleted uranium. Specific radioisotopes could be identified only by laboratory analysis of a soil sample. (See letter Setlock to Greengard 08-19-88 which discusses the limitations of the FIDLER.)

By September, 1984, over 11,000,000 square feet of the Rocky Flats Plant had been scanned using FIDLER instruments. The survey accomplished it's purpose of locating abnormal radiation levels in the soil of the Rocky Flats Plant and confirmed that large areas of the plant have higher than environmentally acceptable levels of radioactive contamination. (See the letter of completion, Yoder to Nicks 09-18-84 and a map of the survey attached.)

R. W. Hawes
Environmental Management

Enc.

cc: F. D. Hobbs
G. H. Setlock

328/601

ATTACHMENT 1

MAR 8 1974

J. R. Roeder, Director, Operational Safety Division, ALO

FIDLER READINGS AT ROCKY FLATS

Subsequent to the HASL survey referenced in your letter to me dated December 20, 1973 under the above subject title, Dow conducted an independent survey of the soil southeast of the 903 area. The Dow survey included FIDLER counting on a grid and a limited number of soil samples at selected locations. The conclusion was that the Dow FIDLER data and specific plutonium soil sample data were in agreement with the HASL data even though the counting locations and soil sample sites were not the same.

As a result, it was decided to report the Dow data in the Annual Environmental Report for 1973. Reference will be made to the fact that HASL conducted a survey of the same site and that Dow's independent survey was in good agreement.

ORIGINAL SIGNED BY
W.M. LAMB

B. W. Colston
Area Manager

Mfg. Branch	Mfg. Branch	AsstMgrOpers.	Area Mgr.
Hufiman:mh	Bean	Lamb	Colston
3/8/74	3/[illegible]/74	3/ /74	3/[illegible] /74

329/601

INCOMING
LTR. NO.
0101-RF-78
ACTION
R.E. Yoder

DISP.	LTR.	ENCL.
WILLIAMS, R.O.		
DORR, J.E.	X	
BENJAMIN, A.		
CROSSLAND, W.D.		
HABERER, W.V.		
KUNZ, E.G.		
OWEN, F.G.		
REBRO, W.L.		
SHANNON, W.M.		
SMITH, R.E.		
SWEENEY, P.F.		
VEJVODA, E.		
WIEDERECHT, D.		
YODER, R.E.	X	
YOUNG, E.R.		
SHIFT SUPTS.		
ARMSTEAD, W.E.		
BARNES, W.L.		
BARTLETT, J.B.		
BELLAGAMBA, E.		
BOYD, C.W.		
BYRNE, J.P.		
CALKINS, E.		
CREAGER, S.W.		
DENNIS, P.W.		
DE WAELE, A.L.		
DOBBLE, P.G.		
DONDELINGER, M.		
DUNN, D.A.		
ELLIS, B.R.		
FASULO, L.J.		
FLOYD, D.R.		
FREIBERG, K.		
GEER, J.A.		
HEALY, T.J.		
HOFFMAN, R.B.		
HOPPE, R.		
JIANNETTE, E.		
JOHNSON, R.T.		
KARLSSON, R.H.		
KELCHNER, B.		
KRIEG, D.M.		
LOCKER, F.G.		
LOUDENBURG, G.E.		
MARTIN, R.L.		
MASON, D.G.		
McNAMARA, E.E.		
O'BRIEN, M.		
PALIANI, M.A.		
PUTZIER, L.A.		
RHOADES, R.E.		
ROOKER, W.L.		
ROSE, C.		
SCHUSKE, C.L.		
STEWARD, L.M.		
STUMP, W.D.		
THOMAS, S.G.		
TROELTZSCH, R.		
VELASQUEZ, R.N.		
WAGNER, J.D.		
WEIDNER, C.		
WERNER, M.R.		
WILLIAMS, R.A.		
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RECEIVED FOR ADDRESSEE BY
CORRESPONDENCE CONTROL
ROCKWELL INTERNATIONAL
BY [signature]
1-20-78

tment of Energy

IERQUE OPERATIONS
FLATS AREA OFFICE
P.O. BOX 928
N, COLORADO 80401

Ralph & Chuck
See me on
tue 2-7-78
Day

JAN [illegible] 1978

R. E. Yoder
Director, Health, Safety & Environment
Rockwell International, AI, RFP

RADIOMETRIC SOIL SURVEY - PLAN

Please document and implement a plan which establishes quarterly survey commitments toward the ultimate completion of the radiometric soil survey, as agreed to at the November 8, 1977 meeting with ALO representatives. The plan should relate to a priority listing for completion of specific plant areas. We recognize that plant construction heavily impacts survey priorities (e.g., pre-operational survey of the area around Buildings 371/374), therefore annual review and revision may be appropriate.

Please provide a copy of the subject plan to RFAO by February 17, 1978. In addition to the information previously requested in monthly reports to the RFAO, please include once per quarter a statement reflecting progress in terms of the commitments set forth in this plan.

Earl W. Bean
Assistant Area Manager
for Operations

cc: Raymond L. Miller, OSD, ALO

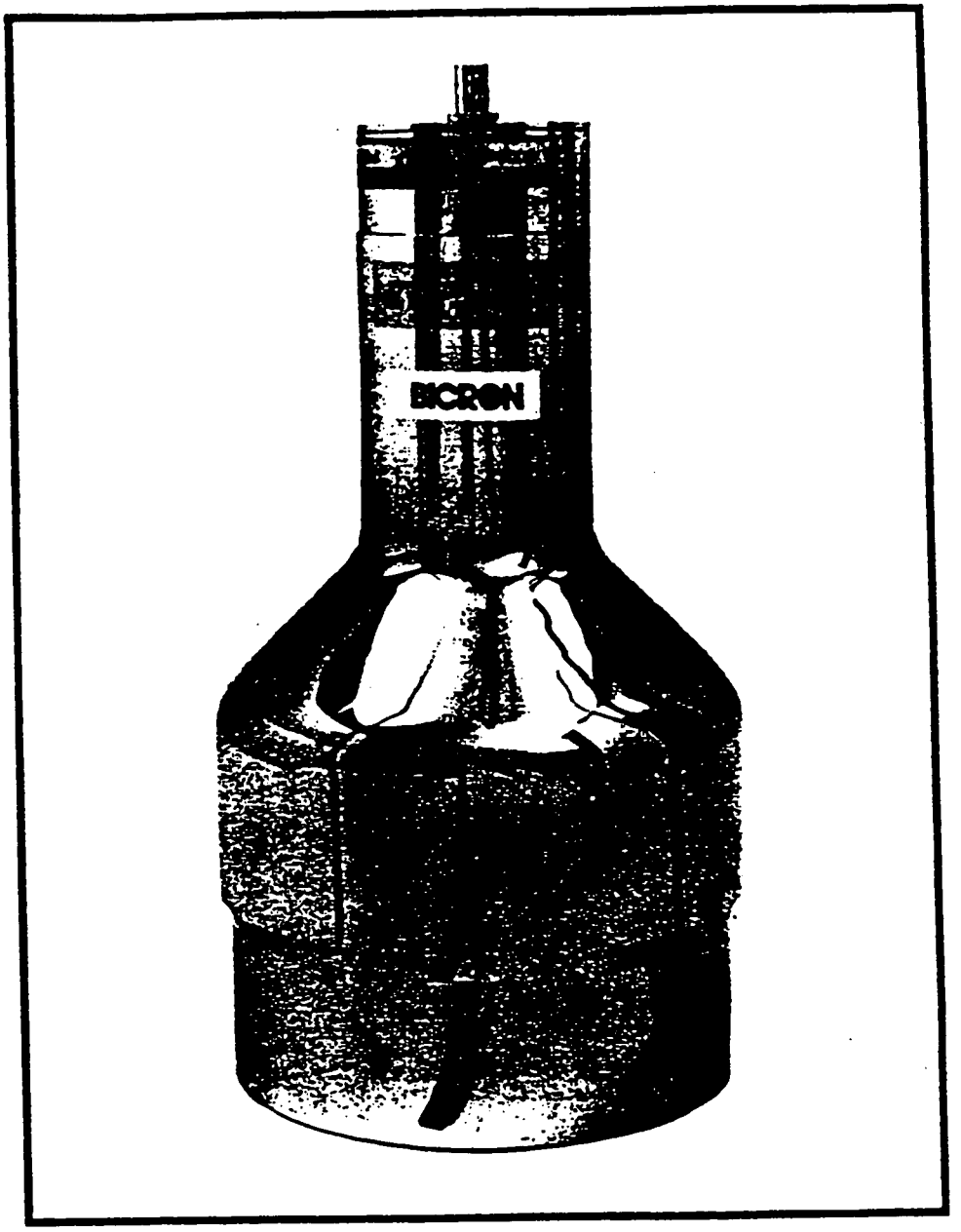
0101-RF-78

330/601

Model: G5 "FIDLER"

Features

- NaI (Tl) SCINTILLATOR
- OPTIMUM RESPONSE FOR LOW LEVEL-LOW ENERGY APPLICATIONS
- RUGGED CONSTRUCTION FOR FIELD USE
- BERYLLIUM WINDOW
- CARRYING HANDLES AVAILABLE



For information on typical background rates for specific applications, contact Bicron.

BICRON

331/001

Specifications

GENERAL DESCRIPTION
The **Model G5 FIDLER Probe** is a NaI (Tl) scintillation probe designed to combine a rugged field package with laboratory sensitivity.

Low background components are used to achieve optimum response for low level-low energy applications.

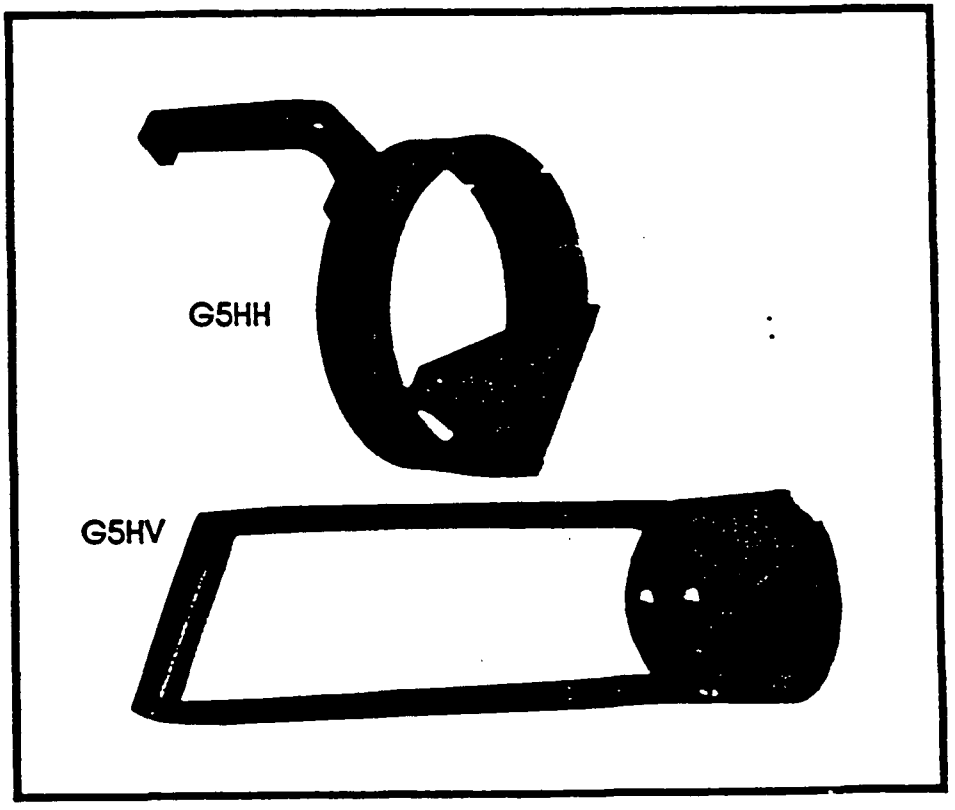
This probe was specifically conceived for use in "Broken-Arrow" Emergency Response Instrumentation Kits. When used with the Bicron analyst™ survey meter, the G5 becomes part of a versatile, sophisticated, portable detecting system.

The G5 is compatible with other survey meters designed for use with scintillation detectors.

Due to our capabilities in NaI (Tl) and organic scintillators, Bicron can offer a wide variety of scintillation probes. Versatile survey systems can thus be obtained, particularly when the probes are used with the Bicron analyst™ survey meter, or the labtech™ scaler/ratemeter/analyzer.

CRYSTAL: NaI (Tl), 5" diameter × .063" thick
OPTICAL LIGHT PIPE: 5" diameter × 2" thick quartz
HOUSING MATERIAL: 0.02" chrome plated aluminum
RADIATION ENTRANCE WINDOW: 0.01" thick selected low background Beryllium
PULSE HEIGHT RESOLUTION: ≤ 30% FWHM for ^{109}Cd (23keV)
PHOTOMULTIPLIER: Selected low background 5" diameter PMT
LIGHT SHIELD: Chrome plated mu-metal
OPERATING VOLTAGE: Variable
MAXIMUM VOLTAGE: +1500V
VOLTAGE DIVIDER: Internal, integrally wired
TERMINATION: Single MHV standard; other terminations available
TEMPERATURE RANGE: 4° to 43°C
TEMPERATURE RATE OF CHANGE: 10°C per hour
SIZE: 5.562" max. dia. × 10.125" (14.13 × 25.72cm) excluding handle
ACCESSORIES: Carrying handles G5HH (horizontal) and G5HV (vertical) shown below

Manufacturer reserves right to alter specifications



BICRON®

Bicron Corporation
12345 Kinsman Road
Newbury, Ohio 44065
Telephone: (216) 564-2251
Telex: 980474

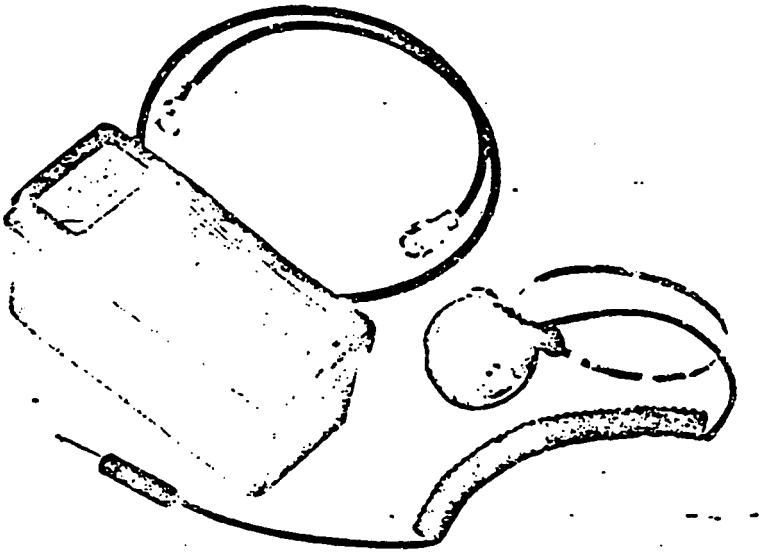
Bicron Corporation
European Office, P.O. Box 271
2410 AG Bodegraven The Netherlands
Telephone 017 26/14243
Telex: 39772

332/601

9891038
Lmo in U.S.A. on recycled materials 11/85

Ludlum

MODEL 16 ANALYZER



GENERAL DESCRIPTION

The Model 16 Analyzer supplies the complete electronic requirements for scintillation, proportional or GM monitoring with the added feature of a window amplifier for selective gamma monitoring. A two-position switch marked "IN-OUT" allows the instrument to operate as a normal count rate meter or as a single channel analyzer. With the analyzer switch in the OUT position, the Lo discriminator controls the discrimination level and the Hi discriminator is inactive. In this mode, the instrument performs as a normal count rate meter. With the analyzer switch IN, the Lo discriminator acts as a threshold selector and the Hi discriminator selects the upper discrimination level. The upper discrimination level may be adjusted between the threshold level and two times the threshold level (not exceeding 60 millivolts). In this mode, the unit operates as a single channel analyzer.

SPECIFICATIONS

COUNT LINEARITY: ±5% of the full scale.

DISCRIMINATION RANGE: Low Discriminator 2 to 60 millivolts.

INPUT IMPEDANCE: 0.1 Megohm.

TIME CONSTANT: 11 seconds.

CALIBRATION: Standard unit calibrated to 500 counts/minute with multiplier of X1, X10, X100, X1,000.

CONTROLS

HIGH VOLTAGE: Adjustable, 700-2,400 volts. Electronically regulated to 1%. Will support scintillation loads to 1,500 volts, proportionel to 2,400 volts.

RANGE: Multifunction lever type knob provides one-finger operation and selects operational modes of "Battery Test" range multiples of X1,000, X100, X10, and X1 in rotational order from the "Off" position. A fluorescent mark located under the knob and visible in all but the "Off" position aids in prevention of instrument storage with batteries activated.
DISCRIMINATOR: Cover mounted controls for adjusting Hi-Lo discrimination levels.
ANALYZER, IN-OUT: Cover mounted toggle switch for placing Hi discriminator in or out of circuit.
CALIBRATION CONTROLS are individual potentiometers for each range. They are accessible from the front cover while in operational status.

MECHANICAL

AUDIO OUTPUT: Eight ohm dynamic speaker with standard phone jack.

BATTERY COMPLEMENT: Two flashlight batteries, standard "D" cell. Mercury or rechargeable cells directly interchangeable.

DETECTOR CONNECTOR: Series C, Teflon insulated.

BATTERY LIFE: Function of high voltage setting, average operation yields 100 hours uncycled use.

METER: 50 micro-amp, 2½-inch diameter, taut-band suspension.

FINISH: Instrument housing is of drawn and cast aluminum fabrication, with baked enamel in hammered coppertone with silk screened nomenclature. All fittings are of stainless steel or nontarnishing plating and synthetics.

SIZE: 3.4 x 3.5 x 7.0 inches (HxWxL exclusive of handle).

WEIGHT: 3.5 lbs.

PRICE

Model 16 Analyzer complete with headset, batteries, cable and instruction manual.

$425.00 FOB Sweetwater, Texas.

Select detector from detector data sheet.

333/601

LUDLUM MEASUREMENTS, INC. • 1219 East Broadway • Sweetwater, Texas 79556
Telephone (915) 235-5494

PULSE RATE METER, MODEL PRM-5 and MODEL PRM-5-3

GENERAL DESCRIPTION

The PRM-5 is a portable battery operated pulse rate meter with single channel pulse height analyzer capabilities. The instrument may be used with a wide variety of scintillation or proportional detectors to detect alpha, beta or gamma radiation. The advantage of the PRM-5 is the measurement of a low energy radiation in the presence of higher energy radiation of the same type. A panel mounted switch can disable the PHA, yielding a conventional gross counting instrument.

The count rate is read out by the Eberline LIN-LOG presentation. This presentation eliminates all scale switching and multiplying factors, yet retains linear increments within each decade. Four decades are covered using two meter movements to yield a scale length of about 1.5 inches per decade, which gives maximum readability and ease of interpretation.

Full scale readings for the four decades are 500, 5K, 50K and 500K counts per minute (CPM) respectively, calibrated to read the true pulse frequency. Other ranges are available.

The instrument electronics are packaged on three plug-in etched circuit boards for ease of maintenance and for maximum versatility.

The battery pack uses five standard "D" size cells of any type commercially available (carbon-zinc, mercury, nickel-cadmium, alkaline). This allows a choice depending on the battery feature considered most important. A battery condition check is provided on the front panel.

Aural monitoring capability is included by a connector on the front panel. Either a headset or an EIC Model SK-1 speaker may be used. This signal may also be used for pulse counting with an external scaler.

The PRM-5-3 is identical to the PRM-5 except it has three switch selected HV ADJUST controls. This allows presetting up to three different conditions, such as , three different energies with the same probe, or with different probes.

SPECIFICATIONS

RANGE OF OPERATION: 0 to 500,000 counts per minute in four linear, continuously progressive LIN-LOG decades; 0 to 500, 500 to 5,000, 0 to 50,000 and 50,000 to 500,000. Calibrated to pulses. (1 for 1)

OPERATIONAL CONTROLS: Three position front-panel mounted switch (OFF, ON, BATTERY CHECK), H.V. ADJUST.

INDICATORS: Visual-Scale Markings: 10 divisions per decade with numbers at 1/2 and full decades. Scale Length: nominal 6.32 in. (1.74 in. 1st and 3rd decades, 1.42 in. 2nd and 4th decades). Response Time: different for each decade and varies with calibration setting. Nominal: 12 sec. 1st decade, 6 sec. 2nd decade, 1.5 sec. 3rd decade, 0.3 sec. 4th decade. Linearity: ±8% of full scale of decade being read, when properly calibrated and driven with a repetitive signal. Aural-BNC series coaxial connector. Signal: direct-coupled square wave, 5V through 22K. Each pulse counted changes state of output.

BATTERY BOX AND BATTERIES: Model BP-1-1, plug-in module, containing five carbon-zinc "D" cells, typical battery life of 200 hours. Mercury, Alkaline, or Ni-Cd "D" sized batteries may be used for special applications.

ELECTRONICS: H.V. output adjustable range, 200 to 1500 volts. H.V. regulation, less than 25 volts change with battery change from 8 to 5.5 volts. H.V. output impedance approximately 6 megohms. Counter input sensitivity approximately 5 millivolts. Window width adjustable from 0 to at least 2 times the input sensitivity by card mounted control. Paired pulse resolving time less than 10 microseconds. Calibrated by four chassis mounted controls.

ENVIRONMENTAL CAPABILITIES: All critical points are sealed with O-rings or glands. Shock resistant.

TEMPERATURE CAPABILITIES: Operates from -40°F to +140°F depending on type of "D" cells used.

FINISH: Baked gray hammertone enamel, white silk-screened nomenclature and chrome-plated fittings.

SIZE: 9 in. Lg. x 4 in. W x 7-1/2 in. H.

UTILITY WEIGHT: 5 pounds 4 ounces.

SHIPPING WEIGHT AND VOLUME: 12 pounds, 1.0 cubic feet.

EBERLINE Instrument Corporation

P.O. Box 2108 Santa Fe, New Mexico 87501
Phone 505-9[redacted] TWX 910-985-0678

334 1601

March 1, 1970

Internal Letter Rockwell International

Date · August 19, 1988 No. ·

TO (Name, Organization, Internal Address)
. T. C. Greengard
. RCRA/CERCLA Program
. Bldg. 750

FROM (Name, Organization, Internal Address, Phone)
. G. H. Setlock
. Env. & Health Prog.
. Bldg. T452A
· X2453

SUBJECT · REQUEST FOR DETAILED REPORT ON RADIOMETRIC SURVEY

In your letter of 8/16/88 (see attached) you stated that A. E. Whiteman (Area Manager, DOE/RFAO) recently expressed surprise that all areas identified in the HS&E Radiometric Survey had not been cleaned up. In fact, all areas identified as "above background" by the radiometric survey were indeed remediated. These areas were primarily adjacent to the 903 Pad Area and Buildings 776/777 (1969 Fire Incident). The important factors here are the purpose of the survey, the type of instrumentation used and its inherent sensitivity to plutonium in soil. Please recall that the radiometric survey (1977-1984 timeframe) was conducted by field personnel using FIDLERs (Field Instrument for Detection of Low Energy Radiation). Checking with radiation instrumentation staff, it will become evident that this instrument is only capable of detecting very high levels of plutonium in the uppermost surficial layer of soil (i.e., top 0.5 cm). For example, making optimum assumptions on detector geometry, energy speciation, response time, signal attenuation, etc., one can calculate that surficial plutonium concentrations ranging from 10,000-60,000 pCi/gram will not be detected above the response threshold (2X background) of a FIDLER instrument. These assumptions are very conservative and the corresponding detection limits for plutonium in soil can be even higher depending on other variables such as screening techniques, detector height above soil, soil/grass/moisture attenuation, etc...

The purpose of the radiometric survey was to detect extremely contaminated areas of the plantsite (500,000-1,000,000+ pCi/g) for worker safety and environmental containment purposes. Therefore, "hot spots" in the Radiometric Survey were operationally defined as levels which exceeded "background FIDLER measurements" and triggered an instrument response. Consequently, the "hot spots" currently under discussion (i.e., radioactively contaminated soil areas identified in 881 Hillside Remedial Investigation Report) are obviously not "hot spots" in the operationally defined sense of the Radiometric Survey conducted in 1977-1984. Clearly, the focus of the Radiometric Survey effort was to identify and remediate substantially higher levels of plutonium in soil than must be addressed by your 881 Hillside Feasibility Study.

Your 8/16/88 information request specifies that the following areas of the radiometric survey be addressed in a detailed technical report:

1) Survey design
2) Equipment used
3) Areas surveyed
4) Survey results
5) Areas cleaned up
6) Clean up methodology
7) Waste disposal sites & documentation

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Our HS&E report can address areas (1)-(4) comprehensively; areas (5)-(7) will only be addressed superficially but they can be addressed in greater detail by your Waste Operations group who handled the cleanup/disposal activities.

We will make every effort to meet your September 1, 1988 deadline for this report. Please contact me if you have any questions or require additional information prior to our September 1, 1988 deliverable to you.

George H. Setlock

G. H. Setlock, Manager
Environment and Health Programs

Enc. (1)

cc:
R. J. Erfurdt
F. D. Hobbs
K. B. McKinley
W. F. Weston

336/601

Internal Letter

Rockwell International

Date · August 16, 1988

No. · RADIOSUR.TCG

TO (Name, Organization, Internal Address)

· G. H. Setlock
· Health, Safety and Environment
· Building 123

FROM (Name, Organization, Internal Address, Phone)

· T. C. Greengard
· RCRA/CERCLA Program
· Building 750
· 7121

SUBJECT · RADIOMETRIC SURVEY

During a recent meeting with Earl Whiteman and Dom Sanchini, Earl expressed surprise that all areas identified as "hot spots" in the HS&E Radiometric Survey had not been cleaned up. Dom and Earl asked me to determine what has been cleaned up. Would you please have your staff respond in a detailed report that includes survey design, equipment used, areas surveyed, survey results, areas cleaned up, clean up methodology, ultimate waste disposal site(s), and documentation.

Thank you for your cooperation. We would appreciate having the report by September 1. If you have any questions please call me.

Tom

T. C. Greengard, Program Manager
Environmental Restoration

cc:
R. J. Erfurdt
F. D. Hobbs
R. W. Hawes
K. B. McKinley
W. F. Weston

337/6.01

OUTGOING LTR. NO.

84 RF 2709

DIST.	LTR.	ENCL.
[illegible] A.		
CROSSLAND, W.D.		
LANGHEIM, G.R.		
[illegible]NETT, J.F.		
[illegible]EN, F.G.		
[illegible]EBRO, W.L.		
SHANNON, W.M.		
[illegible]ITH, R.E.		
[illegible]EJVODA, E.		
[illegible]EIDNER, C.W.		
[illegible]ESTON, W.F.		
[illegible]EDERECHT, D.A.		
[illegible]OZNIAK, B.D.		
[illegible]ODER, R.E.	X	
[illegible]OUNG, E.R.		
[illegible]AKER, J. W.		
[illegible]URNETT, E.J.		
[illegible]YRNE, J.P.		
[illegible]AMPBELL, G. W.	X	
[illegible]ARNIVAL, G.J.		
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[illegible]RIEG, D.M.		
[illegible]RG, G.E.		
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[illegible]OBERTS, J.K.		
[illegible]ITH, M. J.		
[illegible]RENKA, A. R.		
[illegible]ELASQUEZ, R.N.		
[illegible]ICKLAND, C.E.		
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[illegible]	X	
[illegible]pizzo, R.	X	

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[illegible]G. & TYPIST INITIALS

HS

Rocky Flats Plant
Energy Systems Group
Rockwell International Corporation
P.O. Box 464
Golden, Colorado 80402-0464

(303) 497-7000

Contractor to U.S. Department of Energy

Rockwell International

September 18, 1984

84-RF-2709

James R. Nicks
Area Manager
DOE, RFAO

RADIOMETRIC SOIL SURVEY COMPLETION

The Radiometric Soil Survey of the Rocky Flats Plant site has been completed approximately three years ahead of schedule. In November, 1977 when Rockwell International originally agreed to undertake this task it was anticipated that this project would require ten years to accomplish.

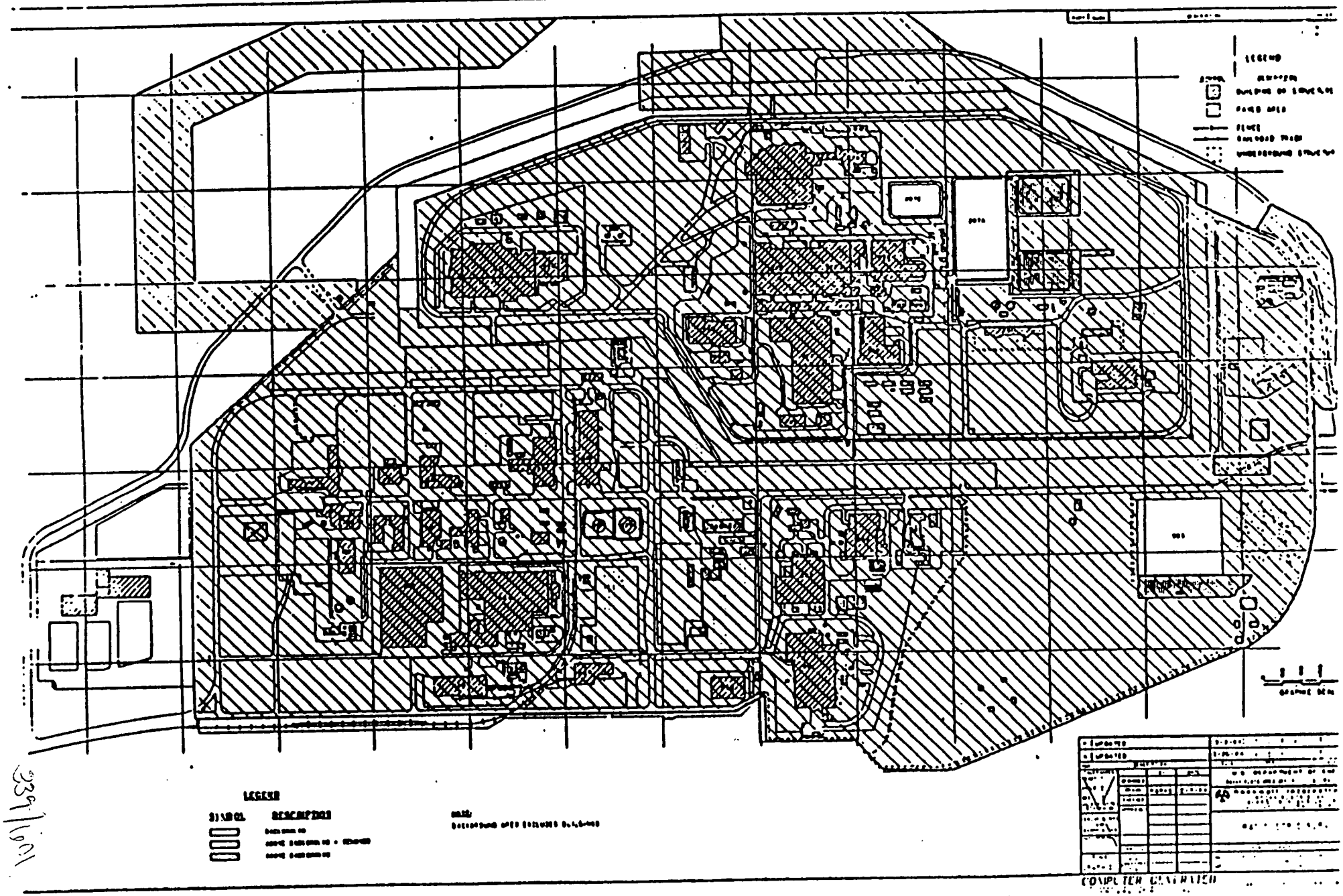
Using the FIDLER (Field Instrument for Detecting Low Energy Radiation) survey instrument, Rockwell personnel have methodically scanned over 11,000,000 square feet of the Rocky Flats Plant. Over 2,000,000 square feet were devoted to the Perimeter Security Zone (PSZ) which was originally designed to extend outside the existing perimeter chain-link fence. All of the contaminated soils identified were removed where practicable and above background areas of the plant were documented by this radiometric survey.

Robert E. Yoder

Robert E. Yoder, Director
Health, Safety and Environment

Orig. and 1 cc - J.R. Nicks

338/[illegible]


LEGEND
SYMBOL
DESCRIPTION
COMPUTER GENERATED

Internal Letter

Rockwell International

Date .April 17, 1984

No. .

TO (Name, Organization, Internal Address)
.Ralph Hawes
.Building 452
.2582

FROM (Name, Organization, Internal Address, Phone)
.R. W. Norton
.Radiation Monitoring
.2396
.

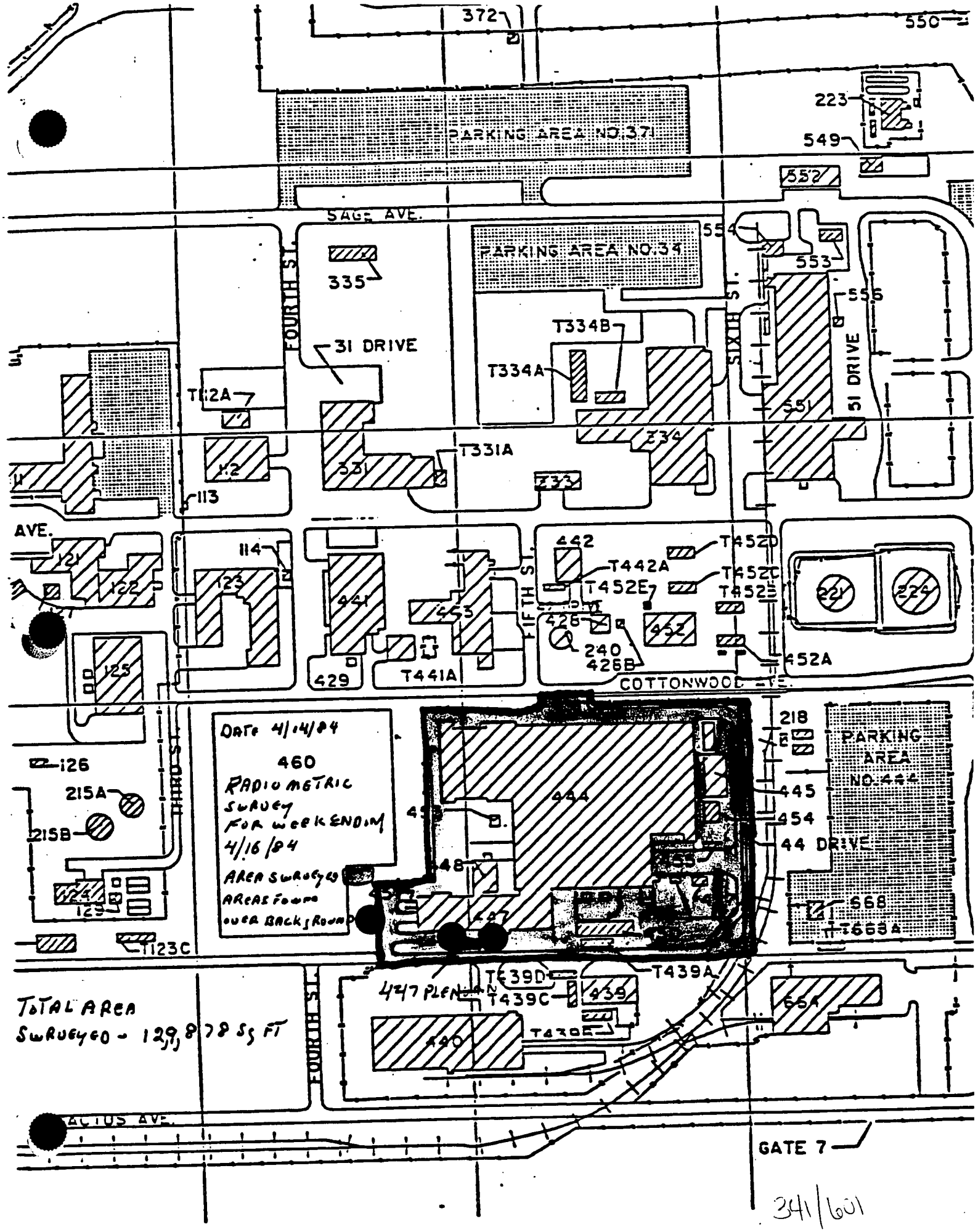
SUBJECT: RADIOMETRIC SURVEY

For week ending 4/16/84, Radiation Monitoring surveyed 129, 878 sq ft. Around Building 444 (see attached map for details).

R. W. Norton
Foreman Radiation Monitoring

cc:
R. G. DelPizzo
C. G. Haynes
E. E. Klanecky

340/601



372
550
223
549
PARKING AREA NO.371
552
SAGE AVE.
554
553
PARKING AREA NO.34
335
FOURTH ST.
556
T334B
31 DRIVE
T334A
SIXTH ST.
51 DRIVE
T112A
551
334
T331A
331
333
113
AVE.
114
442
T452D
T442A
T452C
T452E
T452B
121
122
123
441
453
FIFTH ST.
426
452
221
224
240
426B
452A
125
429
T441A
COTTONWOOD AVE.
DATE 4/14/84
460
RADIOMETRIC
SURVEY
FOR WEEKENDING
4/16/84
AREA SURVEYED
AREAS FOUND
OVER BACKGROUND
218
PARKING
AREA
NO.444
126
215A
444
445
454
215B
44 DRIVE
448
455
668
T668A
T123C
T439D
T439A
447 PLENUM
T439C
439
654
TOTAL AREA
SURVEYED - 129,878 SQ FT
440
FOURTH ST.
ACTUS AVE.
GATE 7

341/601

RECORDS CONTROL
OUTGOING LTR. NO.
84 RF 2709

	LTR.	ENCL.
ERR		
NJAL, A.		
OSSLAND, W.D.		
NGHEIM, G.R.		
NETT, J.F.		
VEN, F.G.		
BRO, W.L.		
ANNON, W.M.		
ITH, R.E.		
VODA, E.		
EIDNER, C.W.		
ESTON, W.F.		
EDERECHT, D.A.		
OZNIAK, B.D.		
DER, R.E.	X	
UNG, E.R.		
AKER, J.W.		
URNETT, E.J.		
YRNE, J.P.		
AMPBELL, G.W.	X	
ARNIVAL, G.J.		
HANDA, R.N.		
LLIS, H.R.		
ILBERT, K.V.		
ARMAN, L.K.		
EALY, T.J.		
ILL, J.E.		
URLEY, J.D.		
OHNSON, C.H.		
RIF[illegible]M.		
OL[illegible]G.E.		
AIM[illegible]		
ICHO[illegible]R.		
OBERTS, J.K.		
MITH, M.J.		
RENKA, A.R.		
ELASQUEZ, R.N.		
ICKLAND, C.E.		
ORRES CONTROL	X	X
[illegible]	X	
[illegible]	X	
[illegible]	X	

CLASSIFICATION	LTR.	ENCL.
UNCLASSIFIED	✓	
CONFIDENTIAL		
SECRET		

AUTH. CLASSIFIER SIG.
[illegible]
DATE

REPLY TO LTR. NO.

APPROVALS

ORIG. & TYPIST INITIALS
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Energy Systems Group
Rockwell International Corporation
P.O. Box 464
Golden, Colorado 80402-0464

(303) 497-7000

Contractor to U.S. Department of Energy

Rockwell International

September 18, 1984

84-RF-2709

James R. Nicks
Area Manager
DOE, RFAO

RADIOMETRIC SOIL SURVEY COMPLETION

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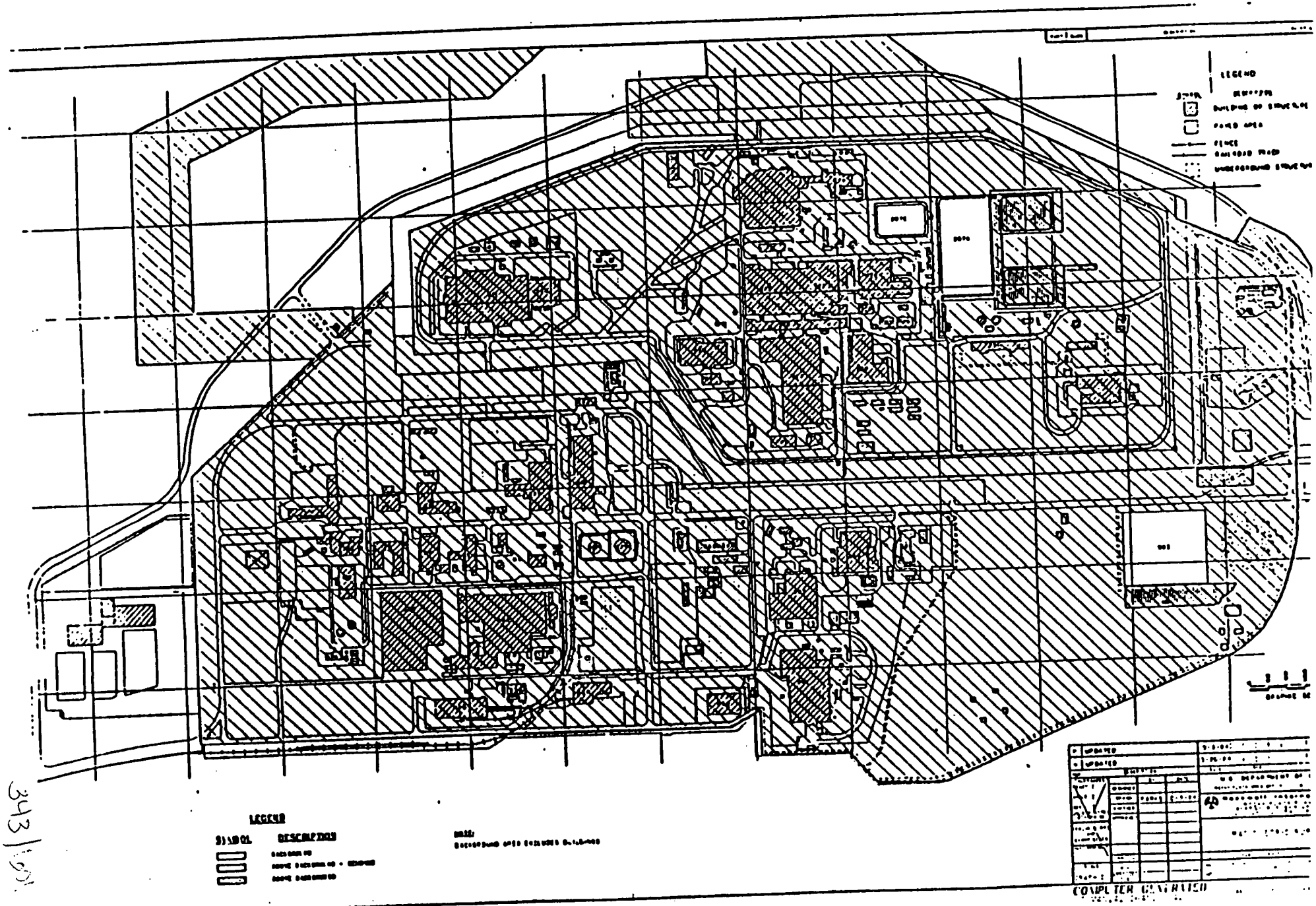
Robert E. Yoder

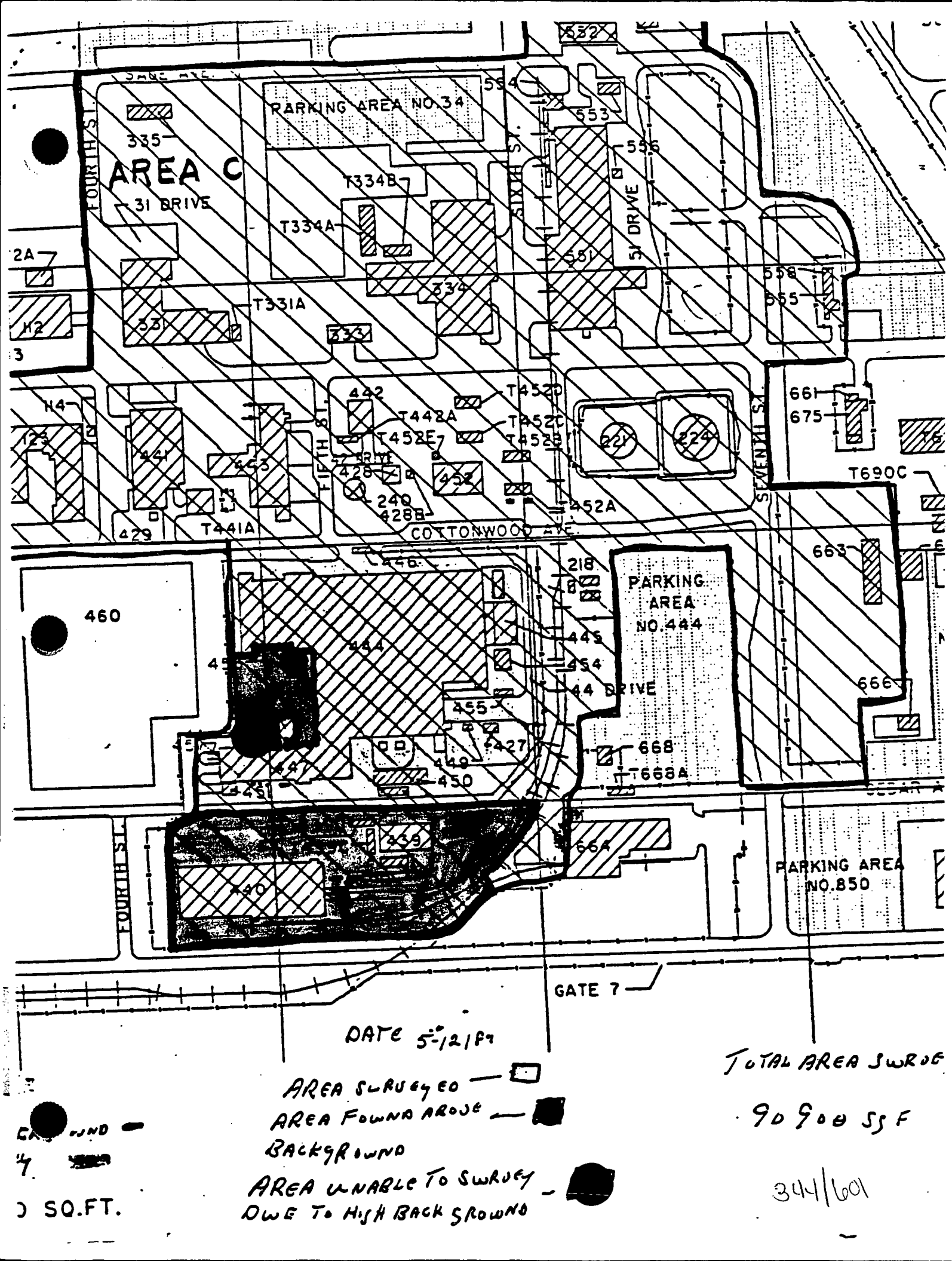
Robert E. Yoder, Director
Health, Safety and Environment

Orig. and 1 cc - J.R. Nicks

342/601



343/691



DATE 5-12-89

AREA SURVEYED —

AREA FOUND ABOVE —

BACKGROUND

AREA UNABLE TO SURVEY — DUE TO HIGH BACKGROUND

TOTAL AREA SURVEY

90908 SQ FT

344/601

) SQ.FT.

Internal Letter

Rockwell International

Date May 15, 1984

No.

TO (Name, Organization, Internal Address)
R. W. Hawes
Environmental Analysis Control
Building 452

FROM (Name, Organization, Internal Address, Phone)
R. W. Norton
Radiation Monitoring
2396

SUBJECT RADIOMETRIC SURVEY

For week ending 5/15/84 Radiation Monitoring surveyed 120,900 sq. ft. Of the 120,900 sq ft 90,900 sq ft was surveyed around Building 444 Area C. We were unable to survey 750 sq ft due to high background. This area is located north of Building 447 and west of Building 448. Also 4 sq ft was found above background located 7 ft south of Door 25 Building 444, 32 ft west of Building 444 and 10 ft north of Building 453 (see attached map for details). Of the 120,900 sq ft 30,000 sq ft was surveyed in the north east corner of Area B. No problems found (see attached map for details).

R. W. Norton
Foreman Radiation Monitoring

cc:
R. G. DelPizzo
C. G. Haynes
E. E. Klanecky

345/601

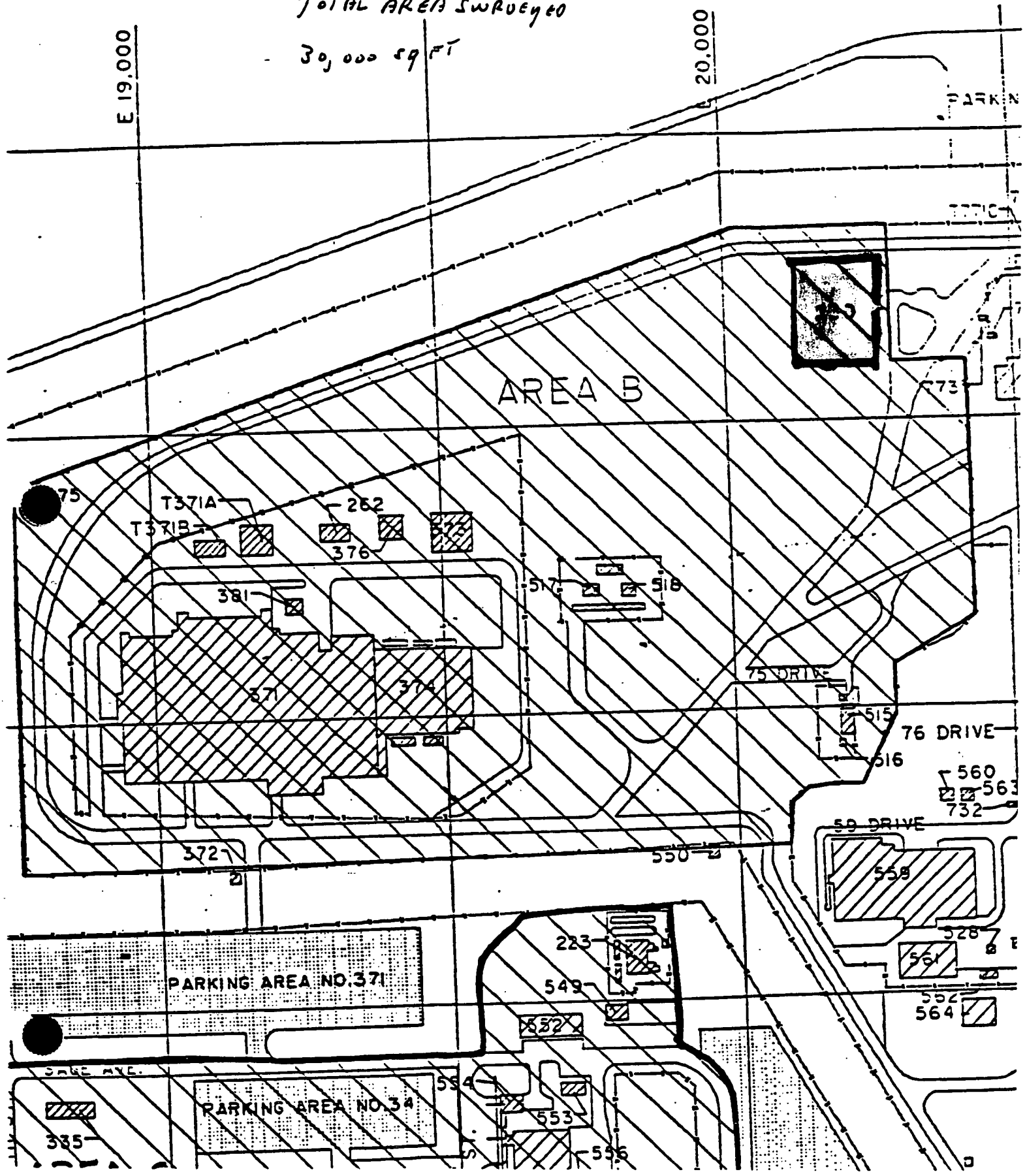
346/001

DATE 5/11/84

AREA SURVEYED - ☐

TOTAL AREA SURVEYED

30,000 SQ FT



Internal Letter

Rockwell International

Date .July 12, 1984

No.

TO (Name, Organization, Internal Address)
.Ralph Hawes
.Environmental Analysis Control
.Building 452
2582

FROM (Name, Organization, Internal Address, Phone)
.R. V. Reischick
.Radiation Monitoring
.Building 881
.4951

SUBJECT: RADIOMETRICK SURVEY

For week ending July 9, 1984, Radiation Monitoring surveyed 23,360 sq. ft. See attached maps for details.

A total of 1,740,413 square feet have been surveyed thus far in 1984 with a total of 1,863,687 square feet remaining.

Roger V. Reischick

R. V. Reischick
Foreman, Radiation Monitoring

Attachment

cc:
R. G. DelPizzo
C. G. Haynes
E. E. Klanecky

347/601

August 27, 1984

R.W. Hawes
Envronmental Analysis
Building T452B

R.W. Noryon
Radiation Monitoring
Building 881
2396

RADIOMETRIC SURVEY

For the week ending August 27, 1984, Radiation Monitoring surveyed 220,554 sq ft. See attached maps for details.

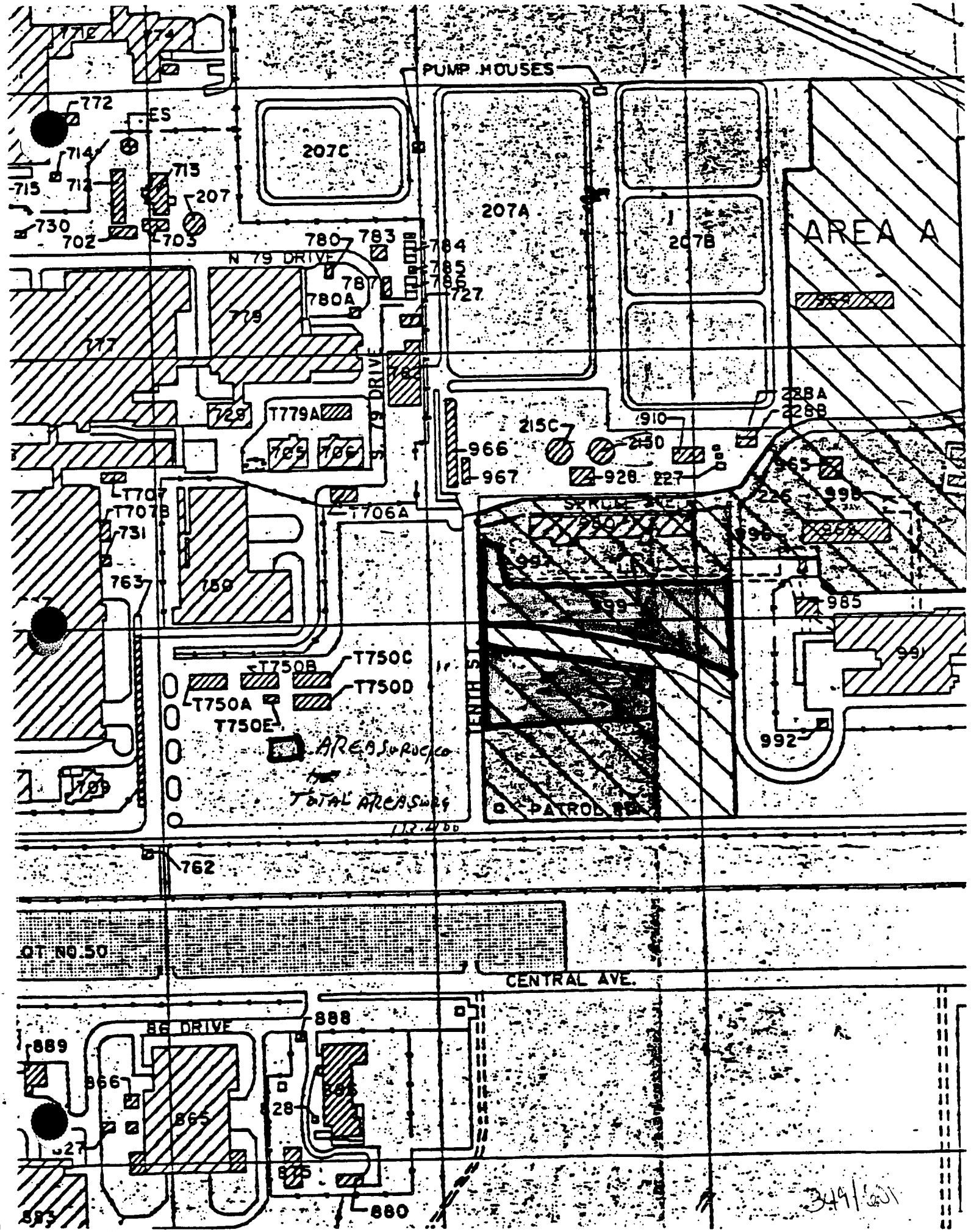
A total of 2,579,212 square feet have been surveyed thus far in 1984. As of August 27, 1984 we are on schedule to meet the September 30, 1984 deadline.

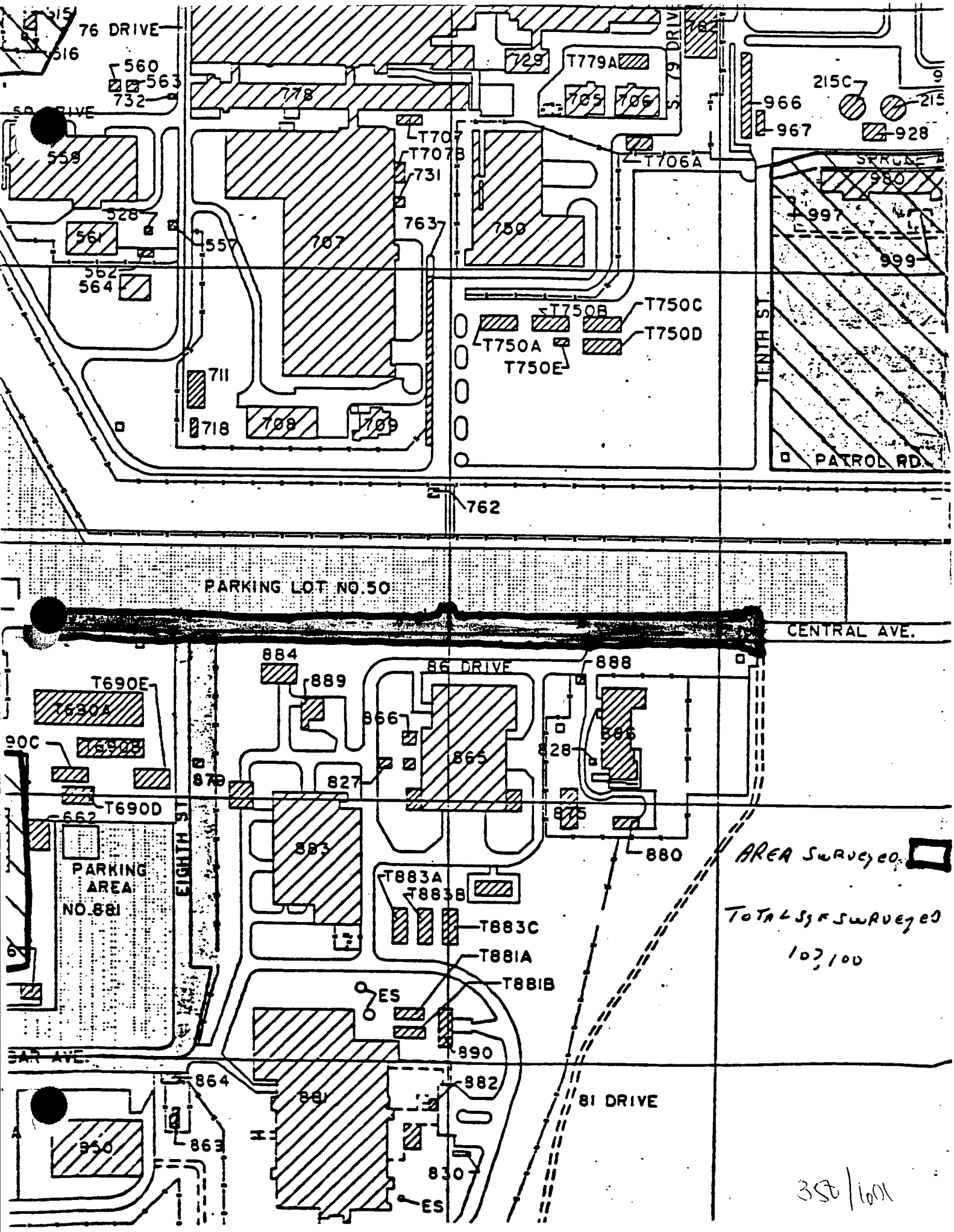
R.W. Norton, Foreman
RAdiation Monitoring

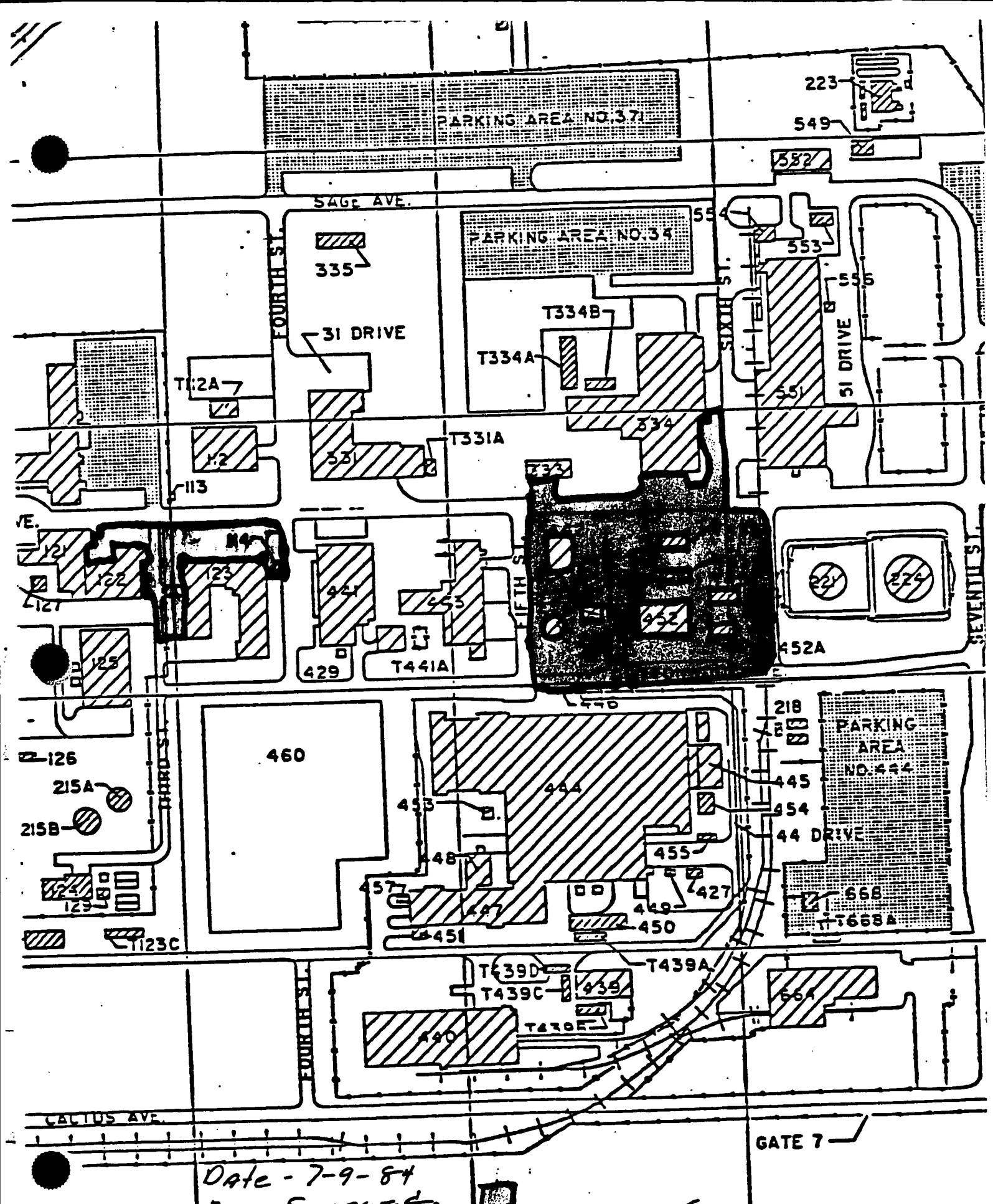
Attachment

cc:
R. G. DelPizzo
C. G. Haynes
E. E. Klanecky

3748/604


PUMP HOUSES
207C
207A
207B
AREA A
772
ES
714
715
712
713
207
730
702
703
780
783
784
785
786
727
N 79 DRIVE
780A
779
777
T779A
T707
T707B
731
763
750
T706A
215C
910
228A
228B
966
967
928
227
965
226
998
985
991
992
T750B
T750C
T750D
T750A
T750E
AREA SURVEYED
TOTAL AREA SURV
PATROL
762
LOT NO.50
CENTRAL AVE.
86 DRIVE
888
889
866
865
828
880
349/601


76 DRIVE
516
560
563
732
559
528
561
557
562
564
707
708
709
711
718
763
750
729
T779A
705
706
T707
T707B
731
T706A
966
967
215C
928
980
997
999
T750B
T750C
T750A
T750D
T750E
TENTH ST.
PATROL RD.
762
PARKING LOT NO.50
CENTRAL AVE.
884
889
86 DRIVE
888
T690E
T690A
T690B
T690D
866
865
828
886
879
827
875
880
883
662
PARKING AREA NO.881
EIGHTH ST
T883A
T883B
T883C
T881A
T881B
ES
890
882
881
864
863
850
830
81 DRIVE
AREA SURVEYED
TOTAL SQ FT SURVEYED
107,100
350/601



Date - 7-9-84
Area Surveyed.
Total Area surveyed = 23,360 sq. ft.

381/601

Internal Letter

Rockwell International

Date · July 5, 1984

No. ·

TO (Name, Organization, Internal Address)

· Ralph Hawes
· Environmental Analysis Control
· Building 452
2582

FROM (Name, Organization, Internal Address, Phone)

· R. V. Reischick
· Radiation Monitoring
· Building 881
· 2396

SUBJECT· Radiometric Survey

For week ending July 2, 1984, Radiation Monitoring surveyed 199,000 square feet. See attached maps for details.

A total of 1,717,053 square feet have been surveyed thus far in 1984 with a total of 1,887,047 square feet remaining.

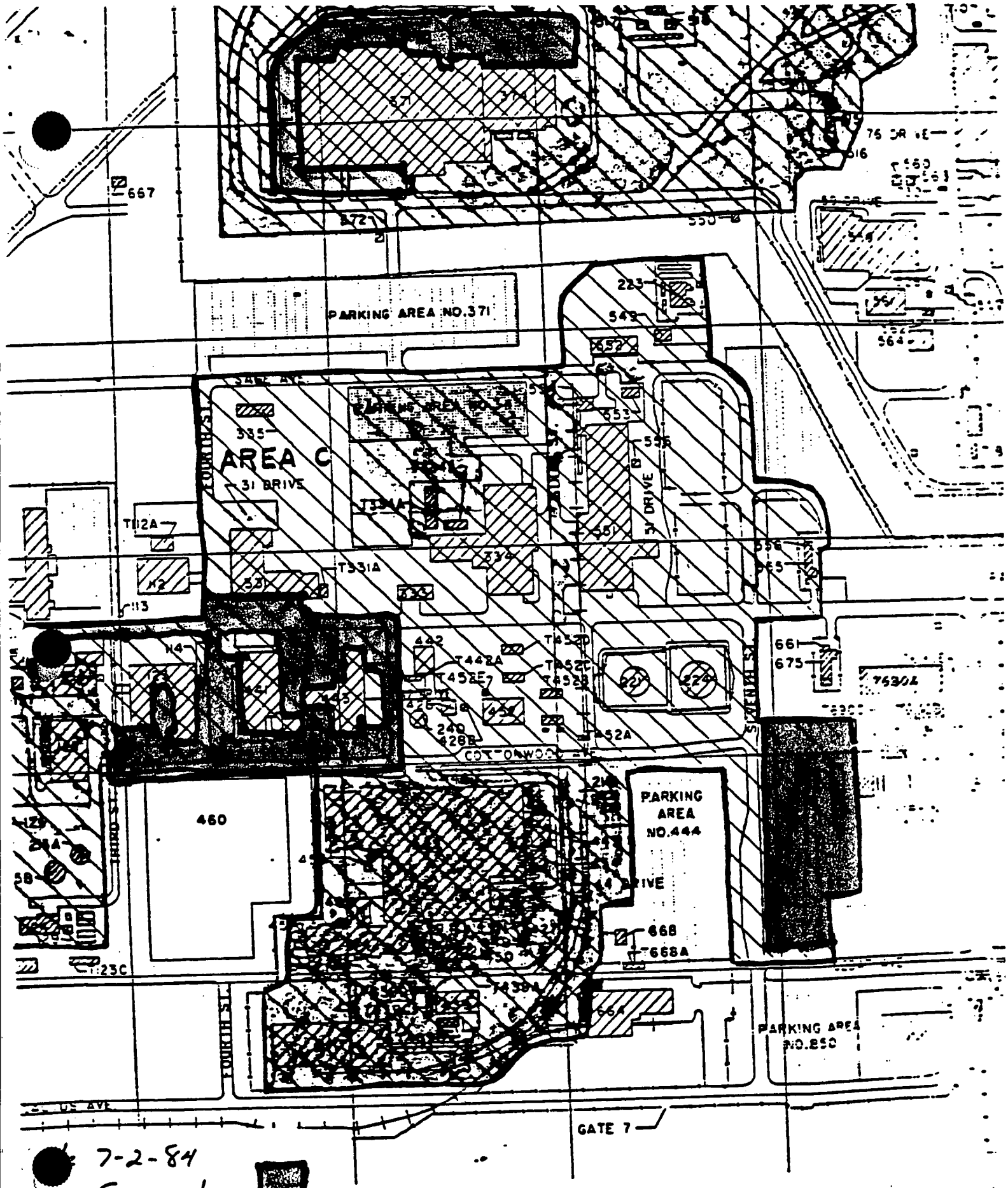
Roger V. Reischick

R. V. Reischick
Foreman Radiation Monitoring

Attachment

cc: R. G. DelPizzo
C. G. Haynes
E. E. Klanecky

352/601



7-2-84

Area Surveyed

Total Area Surveyed: 199,000 sq ft.

353/1001

Internal Letter

Rockwell International

Date · April 30, 1984

No. ·

TO (Name, Organization, Internal Address)
· R. Hawes
· Building 452
· 2582

FROM (Name Organization, Internal Address, Phone)
·R. W. Norton
·Radiation Monitoring 881
·2396
·

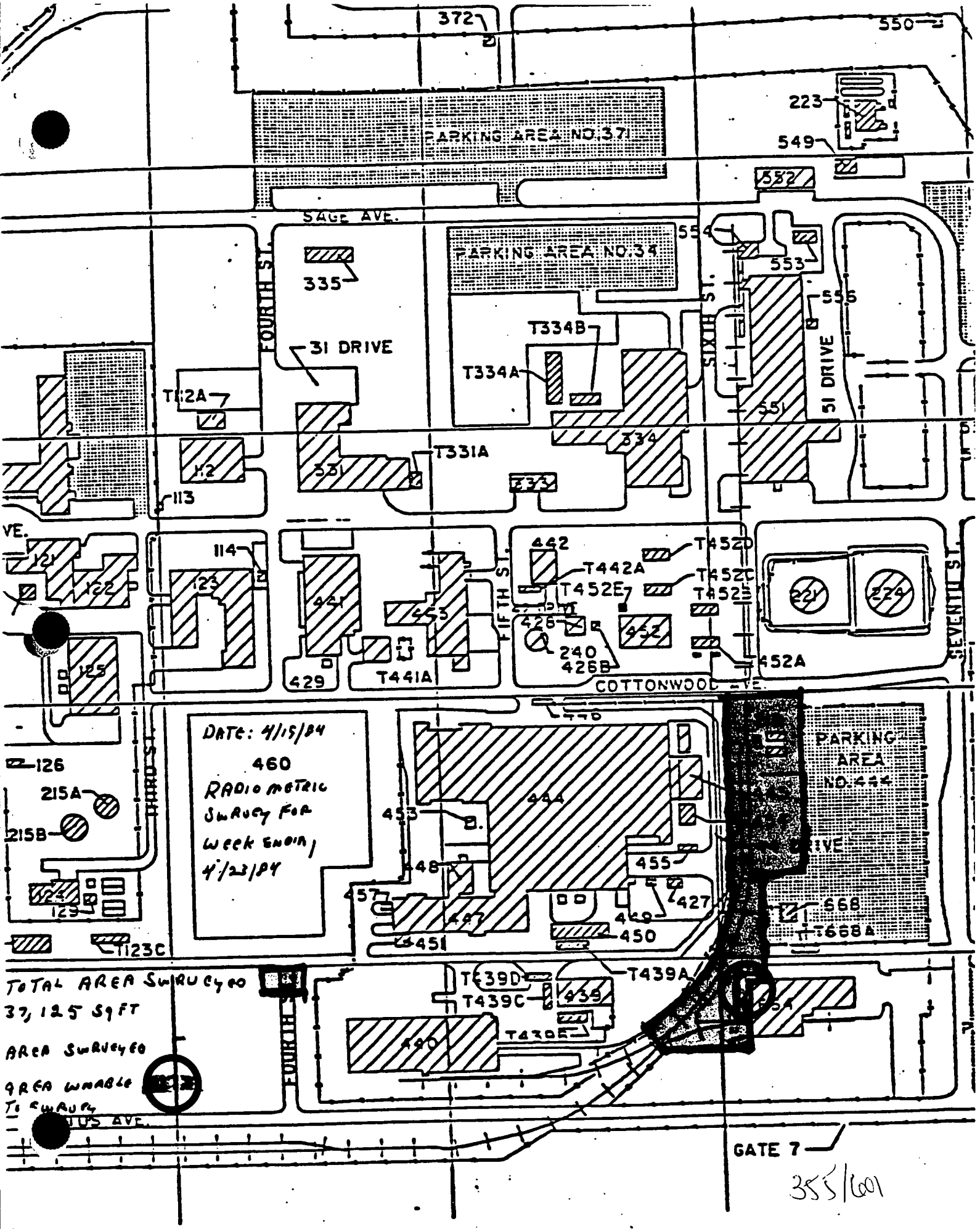
SUBJECT· RADIOMETRIC SURVEY

For week ending 4/23/84 Radiation Monitoring surveyed 37, 125 square feet east of Building 444. Of the 37, 125 square feet Radiation Monitoring was unable to survey 1350 square feet due to high background readings from Building 664.
(see attached map for details)

R. W. Norton
Foreman Radiation Monitoring

cc:
R. G. DelPizzo
C. G. Haynes
E. E. Klanecky

354/601



372
550
223
549
PARKING AREA NO.371
552
SAGE AVE.
554
553
PARKING AREA NO.34
335
FOURTH ST.
SIXTH ST.
556
T334B
31 DRIVE
T334A
51 DRIVE
T112A
551
334
T331A
112
331
333
113
VE.
114
442
T452D
T442A
T452C
T452E
T452B
121
122
123
441
453
FIFTH ST.
426
452
221
224
SEVENTH ST.
240
426B
452A
125
429
T441A
COTTONWOOD AVE.
DATE: 4/15/84
460
RADIOMETRIC
SURVEY FOR
WEEK ENDING
4/23/84
PARKING
AREA
NO.444
126
215A
THIRD ST.
444
453
215B
455
448
457
427
668
T668A
129
447
449
450
451
T123C
TOTAL AREA SURVEYED
37,125 SQ FT
AREA SURVEYED
AREA UNABLE
TO SURVEY
T439D
T439A
T439C
439
440
T439B
FOURTH
US AVE.
GATE 7

355/601

EG&G
ENERGY MEASUREMENTS GROUP

THE
REMOTE
SENSING
LABORATORY
OPERATED FOR THE U.S.
DEPARTMENT OF ENERGY BY EG&G

EGG-1183-1771
UC-41
SEPTEMBER 1982

AN AERIAL RADIOLOGICAL SURVEY OF THE
UNITED STATES DEPARTMENT OF ENERGY'S

ROCKY FLATS PLANT

GOLDEN, COLORADO

DATE OF SURVEY: AUGUST 1981

356/601

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357/101

EG&G
ENERGY MEASUREMENTS GROUP

EGG-1183-1771
SEPTEMBER 1982

AN AERIAL RADIOLOGICAL SURVEY OF THE
UNITED STATES DEPARTMENT OF ENERGY'S

ROCKY FLATS PLANT

GOLDEN, COLORADO

DATE OF SURVEY: AUGUST 1981

P. K. Boyns
Project Scientist

REVIEWED BY

T. P. Stuart, Manager
Nuclear Radiation Department

This Document is UNCLASSIFIED

G. P. Stobie
Classification Officer

This work was performed by EG&G for the United States Department of Energy, Office of Nuclear Safety, under Contract No. DE-AC08-76NV01183.

358 | 601

ACKNOWLEDGMENT

The author wishes to thank T. F. Winsor, C. T. Illsley, and G. R. Langheim, of Rockwell International, for their assistance in the survey of the Rocky Flats Plant.

359/601

ABSTRACT

An aerial radiological survey of the Rocky Flats Plant was conducted during August 1981 by EG&G Energy Measurements Group for the United States Department of Energy (DOE). The survey consisted of an airborne measurement of both natural and man-made gamma radiation from the terrain surface in and around the Rocky Flats Plant. These measurements allowed an estimate of the distribution of isotope concentrations in the survey area. Results are reported as exposure rate, man-made, and ^{241}Am isopleths superimposed on photographs of the area. The survey covered a square area approximately 9.7 km on each side. Gamma ray energy spectra are also presented for the net man-made radionuclides.

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3 Abstract

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6 2.0 Rocky Flats Site Description

6 3.0 Survey Plan

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10 4.2 Helicopter Positioning Method

10 5.0 Data Processing

11 6.0 Data Analysis

11 6.1 Gross Count
11 6.2 Man-Made Gross Count
12 6.3 Low Energy Data
12 6.4 Minimum Detectable Activity

13 7.0 Results

13 7.1 Gross Count Exposure Rate Isopleth
13 7.2 Man-Made Gross Count Isopleth
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14 7 Terrestrial Gamma Ray Exposure Rate Isopleth

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27 *References*

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1.0 INTRODUCTION

The United States Department of Energy (DOE) maintains an aerial surveillance system called the Aerial Measuring System (AMS). AMS is maintained and operated for DOE by EG&G Energy Measurements Group, an independent contractor. Since its inception in 1958, this continuing nationwide program has included radiological surveys of nuclear power plants, processing plants for nuclear materials, and research laboratories. AMS aircraft have been deployed to nuclear accident sites and in searches for lost radioisotopes. They were routinely used during launch operations for Apollo, Viking, and other space vehicles which contained radioisotope thermal generators. AMS aircraft also fly mapping cameras and multispectral camera arrays for aerial photography, a thermal mapper for infrared imagery, a broad array of meteorological sensors, and air sampling systems for particulate and whole gas measurements. All of the survey operations are conducted at the request of federal or state agencies and by direction of the DOE.

The aerial radiological survey of the Rocky Flats Plant and surrounding area was conducted by EG&G for the Office of Nuclear Safety. The survey was conducted during August 1981 and consisted of airborne measurement of both natural and man-made gamma radiation from the terrestrial surface in and around the plant site. The survey is part of a routine environmental surveillance program conducted by DOE.

2.0 ROCKY FLATS SITE DESCRIPTION[1]

The Rocky Flats Plant is a U.S. Government-owned key facility for the production of nuclear components. It is located 16 miles northwest of Denver, Colorado and situated almost equidistant within 10 miles of Golden and Boulder.

The plant consists of a 350-acre complex of manufacturing, chemical processing, laboratory, and support facilities. Rocky Flats is situated in the center of a 6500-acre natural preserve on which is also located the 40-acre National Wind Energy Test Center.

The Rocky Flats Plant is operated by the Energy Systems Group of Rockwell International, under contract with the U.S. Department of Energy. The primary mission of the plant is the development and production of certain components for nuclear weapons. These include components fabricated from plutonium as well as uranium, beryllium, and stainless steel. The components are shipped outside Colorado for assembly into completed weapons. There are no bombs or nuclear power reactors at Rocky Flats.

All plutonium operations at the plant are carried out in highly specialized facilities that separate the plutonium from the environment. Plutonium operations involve the use of high-precision equipment and sophisticated techniques for metallurgical casting, rolling and forming operations; for machining, joining and non-destructive testing; and for the chemical operations necessary for recovery of plutonium for reuse.

Americium, a by-product of the chemical recovery operation, is widely used in home and industrial smoke detectors, in oil and gas well logging, and in a variety of other applications. Rocky Flats is the principal U.S. source of this important material.

3.0 SURVEY PLAN

The AMS surveys are designed to cover large areas surrounding nuclear facilities. The gamma ray spectral data are processed to provide a qualitative and quantitative analysis of the radionuclides in the survey area. The steering computer is programmed to set up a series of parallel flight lines to cover the survey area. All lines were flown at an altitude of 46 m (150 ft) and a line spacing of 76 m (250 ft).

The survey covered an area of approximately 93 km^2 over the Rocky Flats Plant and the natural drainage area leading away from the plant. All data were scaled to overlay a 120 m/cm photograph of the Rocky Flats area. The data were analyzed for all man-made gamma ray emitting radionuclides and specifically for the 60 keV gamma ray from ^{241}Am which is associated with plutonium activity.

The actual flight lines flown by the helicopter are shown in Figure 1.

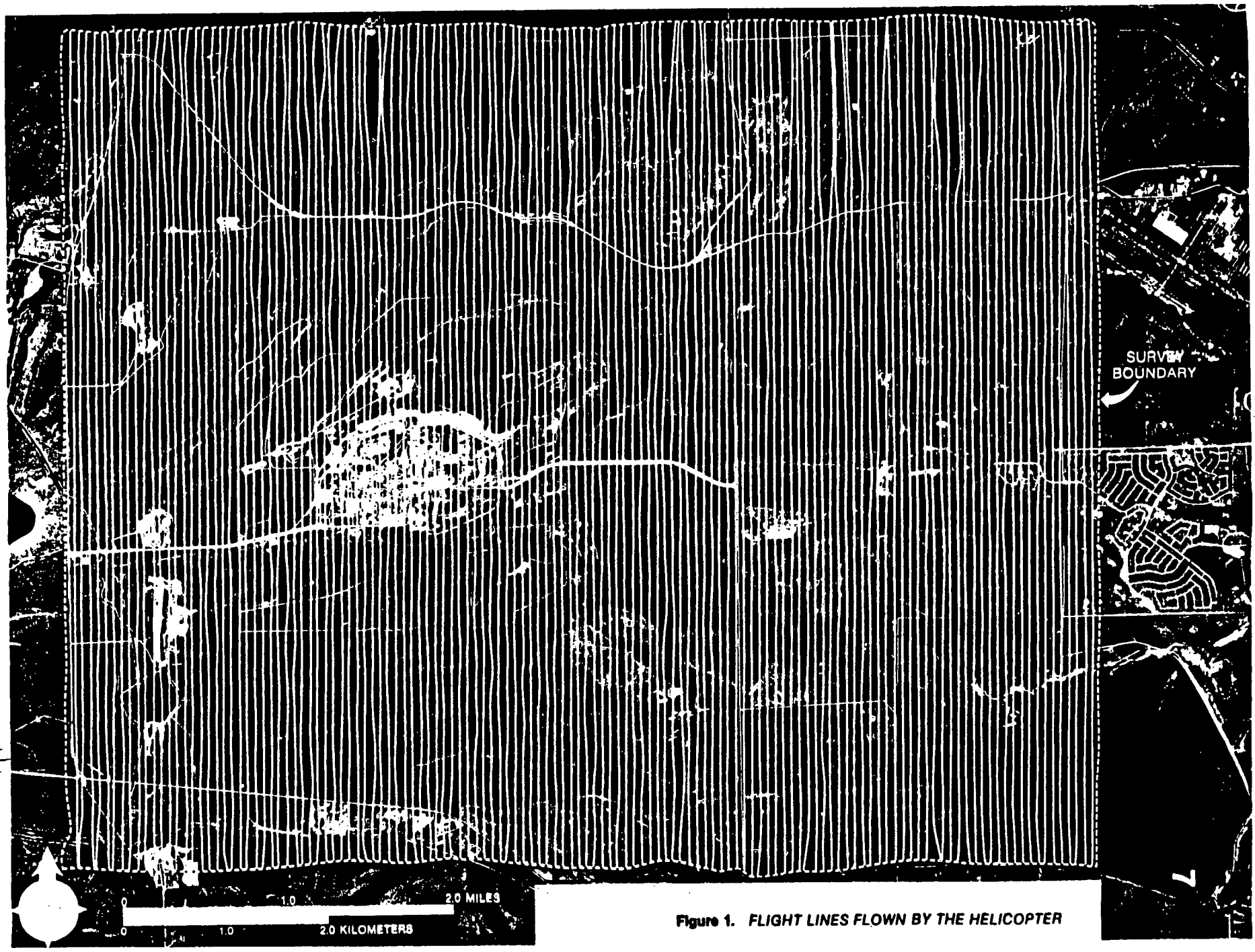

Figure 1. *FLIGHT LINES FLOWN BY THE HELICOPTER*

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4.0 SURVEY EQUIPMENT

A Messerschmitt-Bolkow-Blohm (MBB) BO-105 helicopter (Figure 2) was used for the low altitude survey. The aircraft carried a crew of two and a lightweight version of the Radiation and Environmental Data Acquisition and Recorder (REDAR) system. Two pods, each containing ten 12.7 cm diameter by 5.1 cm thick sodium iodide, NaI (T*l*), detectors, were mounted on the sides of the helicopter.

The preamplifier signal from each detector was calibrated with a ^{22}Na source. Normalized outputs of each detector were combined in a 10-way summing amplifier for each array. The outputs of each array were matched and combined in a 2-way summing amplifier. Finally, the signal was adjusted in the analog-to-digital converter (ADC) so that calibration peaks appeared in preselected channels of the multichannel analyzer of the REDAR.

Figure 2. *MBB BO-105 HELICOPTER WITH DETECTOR PODS*

4.1 REDAR System

REDAR is a multi-microprocessor, portable data acquisition and real-time analysis system. It has been designed to operate in the severe environments associated with platforms such as helicopters, fixed-wing aircraft, and various ground-based vehicles. The system displays to the operator all required radiation and system information, in real time, via a 5-inch CRT display and multiple LED readouts. All pertinent data are recorded on 3M cartridge tapes for post-mission analysis on minicomputer systems.

The system employs five Z-80 microprocessors with AM9511 arithmetic processing chips to perform the data collection, data analysis, data display, position and steering calculations, and data recording which are all under operator control. The system allows access to the main processor bus through both serial and parallel data ports under control of the Control Processor.

The system consists of the following subsystems:

1. Two independent radiation data collection systems
2. A general purpose data I/O system
3. A tape recording/playback system
4. A CRT display system
5. A real-time data analysis system
6. A microwave ranging system with steering calculation and display

The REDAR processing system block diagram is shown in Figure 3.

The multichannel analyzer collected 1024 channels of gamma ray spectral data (4.0 keV/channel) once every second during the survey operation. The 1024 channels of data were sent to the single channel processor and were compressed into 256 channels with partitions. Table 1 summarizes the spectral data compression performed by REDAR.

The spectrum was divided into the three partitions with the appropriate energy coefficient to make the width of the photopeaks approximately the same in each partition. The resolution of NaI (T*l*) crystals varies with energy, permitting the compression of the spectral data without compromising photopeak identification and stripping techniques. In the first partition (channels 0-75), the data were not compressed permitting stripping of low energy photopeaks, such as the 60 keV photopeak from ^{241}Am.

The spectral compression technique reduces the amount of data storage required by a factor of four.

The 256 channels of spectral data were continuously recorded every second. The REDAR system has two sets of spectral memories. Each memory accumulated four individual spectra. The two memories were

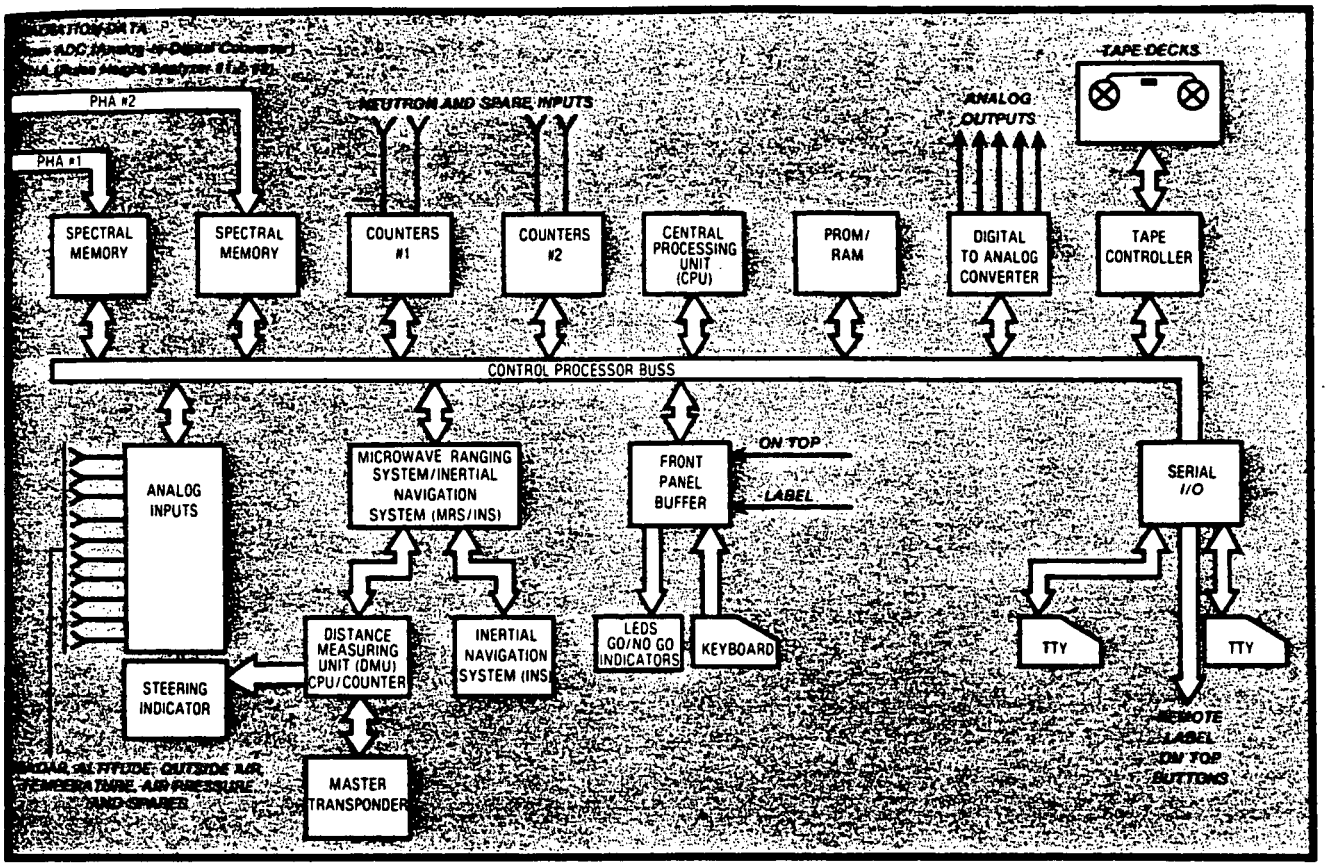

Figure 3. *REDAR PROCESSING SYSTEM BLOCK DIAGRAM*

Table 1. REDAR Spectral Data Compression

Eγ (keV)	Channel Input	Energy Coefficient ΔE(keV/channel)	Compressed Channel Output
0 - 300	0 - 75	4	0 - 75
304 - 1620	76 - 405	12	76 - 185
1624 - 4068	406 - 1017	36	186 - 253
4072 - 4088	1018 - 1022	N/A	254
>4088 - analog cut off	1023	N/A	255
	1024	Unused	256

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operated in a flip-flop mode, every 4 seconds, for continuous data accumulation. While one memory was storing data, the other was being transferred to magnetic tape.

Figure 4 shows the REDAR data acquisition system.

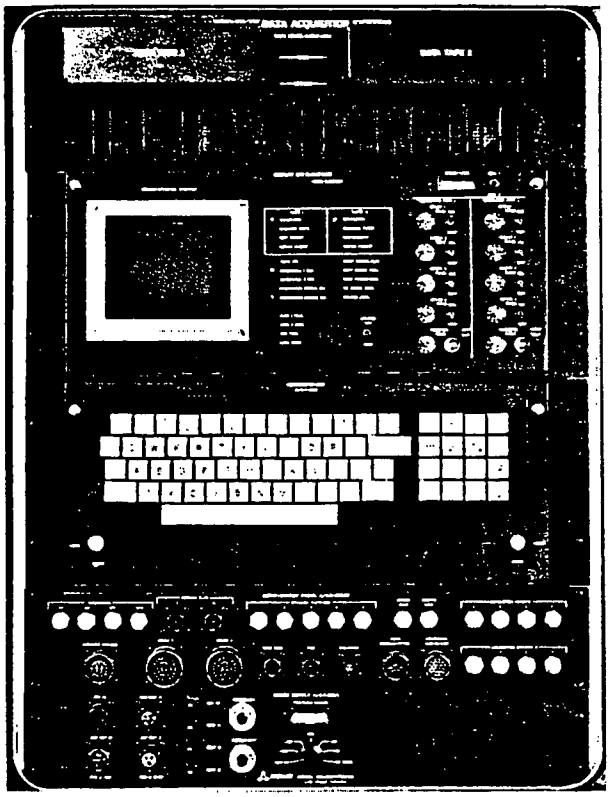

Figure 4. *REDAR DATA ACQUISITION SYSTEM*

4.2 Helicopter Positioning Method

The helicopter position was established using two systems: a Trisponder/202A microwave ranging system and an AL-101 radio altimeter. The Trisponder master station, mounted in the helicopter, interrogated two remote transceivers outside the survey area. By measuring the roundtrip propagation time between the master and remote stations, the master computed the distance to each. These distances were recorded on magnetic tape once each second. They were converted to position coordinates for the steering indicator to direct the aircraft along the programmed flight line. The radio altimeter similarly measured the time lag for the return of a pulsed signal and converted this to aircraft altitude. For altitudes up to 1500 m the accuracy was ±0.6 m or ±2%, whichever was greater. These data were also recorded on magnetic tape so that any variations in gamma signal strength caused by altitude fluctuations could be compensated.

The detectors and electronics systems which accumulated and recorded the data are described in considerable detail in a previous report.[2]

5.0 DATA PROCESSING

Data processing was begun in the field with the Radiation and Environmental Data Analysis and Computer (REDAC) system. This is a computer analysis laboratory mounted in a mobile van (Figure 5). The van and the aircraft were based at Jeffco airport in Broomfield, Colorado during the survey operations.

Figure 5. *MOBILE COMPUTER PROCESSING LABORATORY*

The REDAC system consists primarily of two Cipher Data Products tape drives, a Data General NOVA 840 computer, two CalComp plotters, a Texas Instruments thermal terminal, and a Tektronix CRT display screen with a hard copier. A block diagram of the system is shown in Figure 6. The computer has a 64 kbyte core memory and an additional 2.5 Mbyte disc memory. An extensive series of software routines are available for data processing.

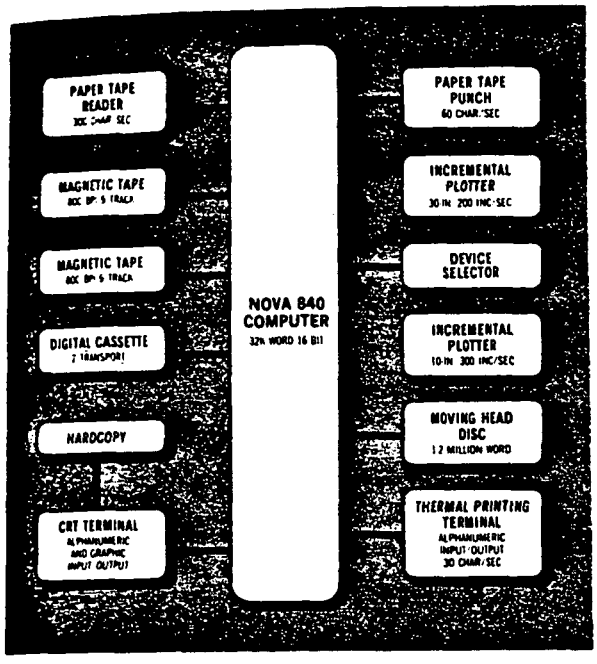

Figure 6. *REDAC ANALYSIS SYSTEM BLOCK DIAGRAM*

Gamma spectral windows can be selected for any portion of the spectrum. Weighted combinations of such windows can be summed or subtracted and the result plotted as a function of time or position. By the proper selection of windows and weighting factors, it is possible to extract the photopeak count rates for radioisotopes deposited on the terrain by human activity. Such isotopes disturb the pattern of natural soil radioactivity. These photopeak count rates can then be converted to isotope concentrations or exposure rates. Spectral data can be summed over any portion of a survey flight.

The spectral data can be decompressed into a linear plot. The REDAC displays the linear spectral data or plots it on the incremental plotter for an isotopic identification.

6.0 DATA ANALYSIS

The aerial radiation data consisted in general of contributions from the naturally occurring radioelements, aircraft and detector background, and cosmic rays. For this survey, the major emphasis was placed on extracting that component arising from man-made radioactivity. Isopleth maps were produced by processing the data in different ways: gross count, man-made gross count (MMGC), and low energy photopeak count rate extractions.

6.1 Gross Count

The gross count method was based on the integral counting rate in that portion of the energy spectrum between 0.05 MeV and 3.0 MeV. This count rate (measured at survey altitude) was converted to exposure rate at the 1 m above ground level by application of a predetermined conversion factor. This factor assumes a uniformly distributed source covering an area which is large compared with the field-of-view of the detector (approximately 200 to 300 meters at the survey altitude of 46 meters). For a finite source distribution which is small compared to the field-of-view of the detector system, it is necessary to modify the exposure rate values by utilizing the data in Table 2. The exposure rate values could be one to two orders of magnitude higher for an area with a source localized in a small area.

Table 2. Correction Factors Versus Area of Contamination

Diameter of Contaminated Circular Area (meters)	Correction Factor
5	300
10	100
25	10
50	6.5
100	2.5
200	1.2
300	1.0
∞	1.0

6.2 Man-Made Gross Count

The MMGC rate algorithm is designed to sense the presence of changes in spectral shape. Large

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changes in gross counting rates from natural radiation usually produce only small changes in spectral shape because the natural emitters change in more or less constant ratio as the detector moves from one location to another. The algorithm senses counts in the lower portion of the spectrum in excess of those predicted on the premise that these counts bear a constant ratio to counts in the upper portion. Since the algorithm is designed to be most sensitive to man-made nuclides, the spectrum dividing line is chosen at an energy (1.4 MeV) above which most long-lived, man-made nuclides do not emit gamma rays. It is analytically expressed in MeV as:

$$MMGC = \Sigma(0.05-1.36) - K\Sigma\ (1.40-3.00)$$

The counts in the upper energy window (1.40 to 3.00 MeV) are multiplied by a constant, K, to equal the counts in the lower energy window (0.05 to 1.39 MeV) and the resultant MMGC is equal to zero for areas containing normal background radiation.

Spectral data from the survey revealed that all of the gamma rays from the man-made isotopes had energies less than 1.4 MeV. Therefore, the MMGC extraction technique was used to locate man-made activity in the survey area.

The man-made gross count algorithm is general and will respond to a wide range of nuclides. The result of using this generality is the lack of sensitivity to specific nuclides. If the search nuclide is known, more sensitive algorithms can be devised.

6.3 Low Energy Data

The low energy radiation data were processed specifically for ^{241}Am. Normally occurring background contributions within the ^{241}Am photopeak window were removed by subtracting two weighted background windows located on each side of the photopeak window. The resulting photopeak count rate data could then be converted to isotope concentration on the ground.

Table 3 gives the correction factor for a finite ^{241}Am source which is smaller than the field-of-view of the detector system.

Table 3. Finite ^{241}Am Source Correction Factors Versus Area of Contamination

Source Diameter (meters)	Correction Factor
10	37
20	9
40	3.5
60	2.2
80	1.6
100	1.3
140	1.1
>140	1.0

6.4 Minimum Detectable Activity

Table 4 indicates the minimum detectable activity for several isotopes as a function of source geometry for the aerial system as employed in the Rocky Flats survey. The radioactivity was assumed to be distributed exponentially with depth in the soil according to the following equation:

$$S_v = S_v^o\, e^{-\alpha z}$$

where

S_v^o = the soil activity per gram at the surface
S_v = the soil activity per gram at a depth z, and
α = the reciprocal of the relaxation depth.

The total activity per unit area can then be written as:

$$S_A = \rho \int_0^\infty S_v dz = \left(\frac{S_v^o}{\alpha}\right) \rho$$

where ρ is the soil density.

It was assumed in Table 4 that no additional shielding existed between the source and the detector array. It was further assumed that distributed sources were spread over an area comparable to several times the survey altitude.

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Table 4. Minimum Detectable Activity for Several Selected Radioisotopes as a Function of Source Geometries*

Isotope	Surface Sources: Point Source (mCi)	Surface Sources: Distributed Source (μCi/m^2) $\alpha = \infty$	Volume Source $\left(\frac{pCi}{g}\right)$** α = 10 cm
^{241}Am	5.8	0.8	28.6
^{137}Cs	0.5	0.08	1.3
^{60}Co	0.3	0.04	0.7
^{238}U	90.0	10.0	200.0

*Assuming a survey altitude of 46 meters.

**Conversion factor to pCi/g relate to the average value of a 5 cm deep soil sample.

7.0 RESULTS

7.1 Gross Count Exposure Rate Isopleth

The terrestrial exposure rate isopleth (Figure 7) is superimposed on a photograph of the Rocky Flats area. The exposure rates are expressed in units of microroentgens per hour (μR/h) at 1 m above ground level. The isopleth includes a cosmic ray exposure rate of 5.6 μR/h. The gross count exposure rate isopleth is the total exposure rate from natural radionuclides in the soil, man-made sources, and cosmic rays. A typical background spectrum of the natural radionuclides in the Rocky Flats area is shown in Figure 8.

7.2 Man-Made Gross Count Isopleth

The presence of man-made activity was detected in the immediate vicinity of the Rocky Flats Plant. The data in this area have been plotted in an expanded scale for better resolution of the location of the man-made activity.

Figure 9 is the MMGC isopleth expressed in counts per second. The count rate is an indicator of the magnitude of the intensity of the sources. The numbered sections on the isopleth are regions where spectral data have been extracted. The spectral data from Areas 1 through 7 are plotted in Figures 10 through 16. The most probable isotopes responsible for the man-made activity are indicated on each spectrum.

A net spectrum over an anomalous radiation area is obtained by removing the natural background from the spectrum. This is accomplished by using the high energy window (1.40 to 3.00 MeV) as a background monitor. A background spectrum is accumulated in an area that does not indicate man-made activity. After normalizing the spectrum over the area of interest and the background spectrum with the high energy window, the data are subtracted. The result is a net spectrum of man-made activity.

7.3 Low Energy ^{241}Am Isopleth

The photopeak count rates due to ^{241}Am are plotted in Figure 17. The isopleth is plotted in units of counts per second. The count rate data can be converted to the desired units by utilizing the conversion factors in Table 5. The ^{241}Am source can be distributed in various ways: uniformly distributed on the surface of the ground ($\alpha = \infty$), uniformly distributed in the soil (α = o), or the source could be exponentially distributed in the soil with values of α any place between these limits. In all of the above cases, the source is assumed to be uniformly distributed to ∞ in the lateral direction. Multiplication of the count rate data in Figure 17 by the conversion factors in Table 5 will convert the data to the desired activity units for a specific vertical distribution of the activity.

Table 6 can be used to convert the count rate data to units of activity for a point source of ^{241}Am on the surface of the ground. The conversion factors are given for various lateral displacements of a point source which could be a maximum of 38 m to the side of the aircraft with a flight line spacing of 76 m.

Area 8 in Figure 17 was not indicated in the man-made isopleth. The ^{241}Am activity was insufficient to be detected using the MMGC extraction technique. The three window extraction technique described in Paragraph 6.3 was used to determine the ^{241}Am activity in Figure 17. The spectral data from Area 8 are shown in Figure 18.

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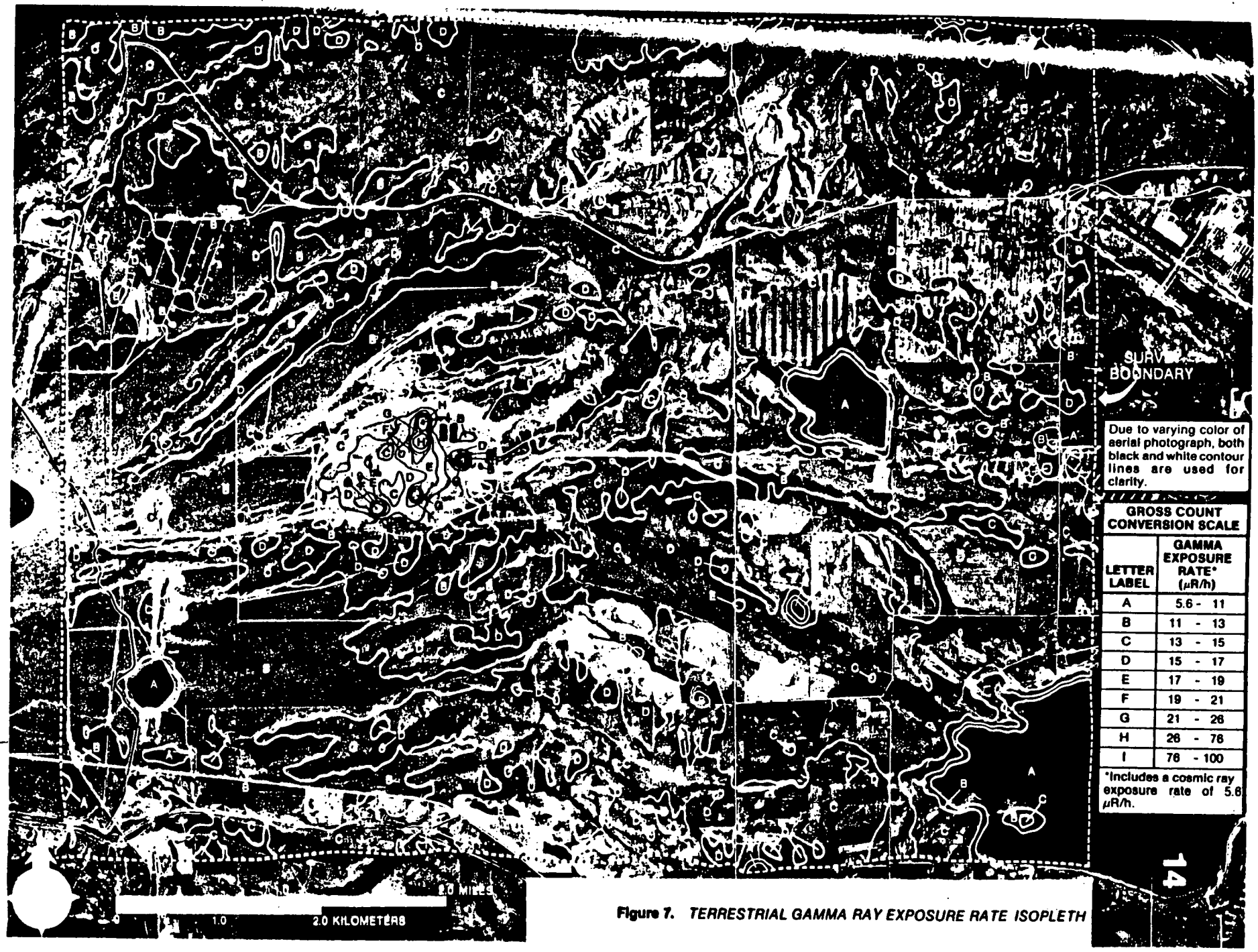
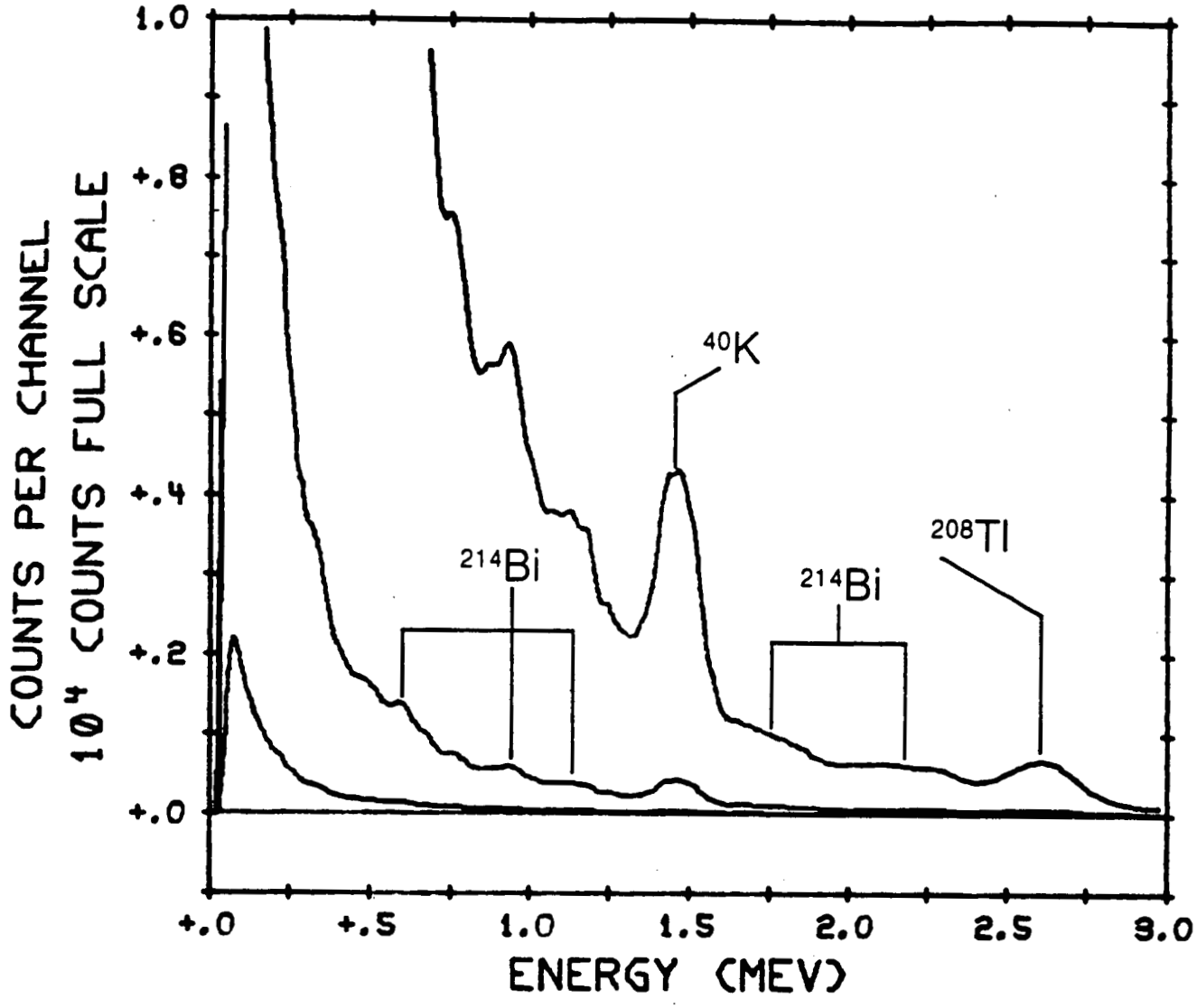


Figure 7. *TERRESTRIAL GAMMA RAY EXPOSURE RATE ISOPLETH*



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INTEGRATED CT. +.1010011E+06
TYPE TYPICAL BKG,ROCKYFLATS,CO
ALTITUDE 150 FEET
AIRCRAFT B0105

Figure 8. *TYPICAL BACKGROUND SPECTRUM*

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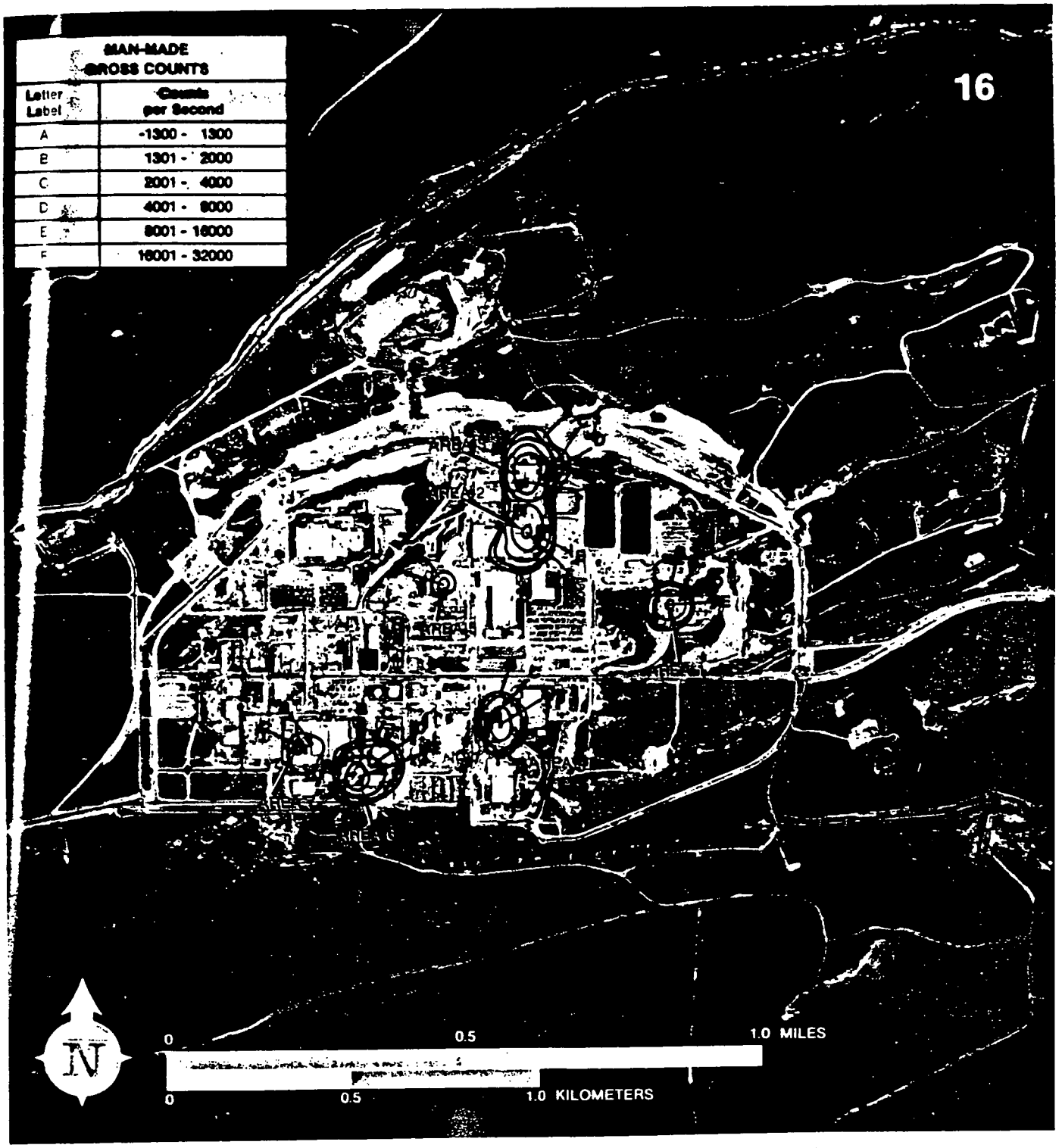

Figure 8. *MAN-MADE GROSS COUNT ISOPLETH.*

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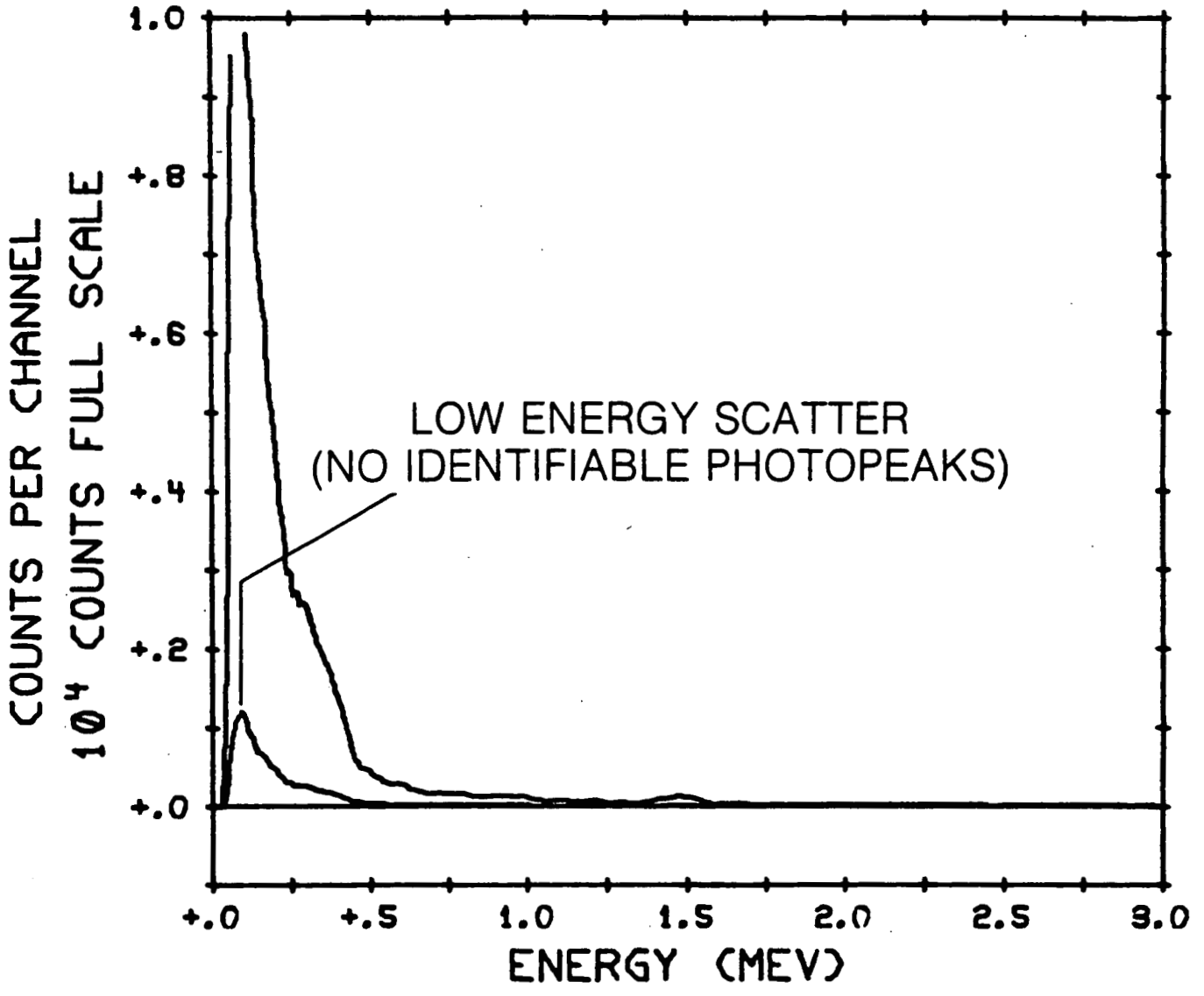

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TYPE LINE=38,AREA#2,ROCKYFLATS,CO
ALTITUDE 150 FEET
AIRCRAFT B0105

Figure 11. *SPECTRAL DATA FROM AREA 2*

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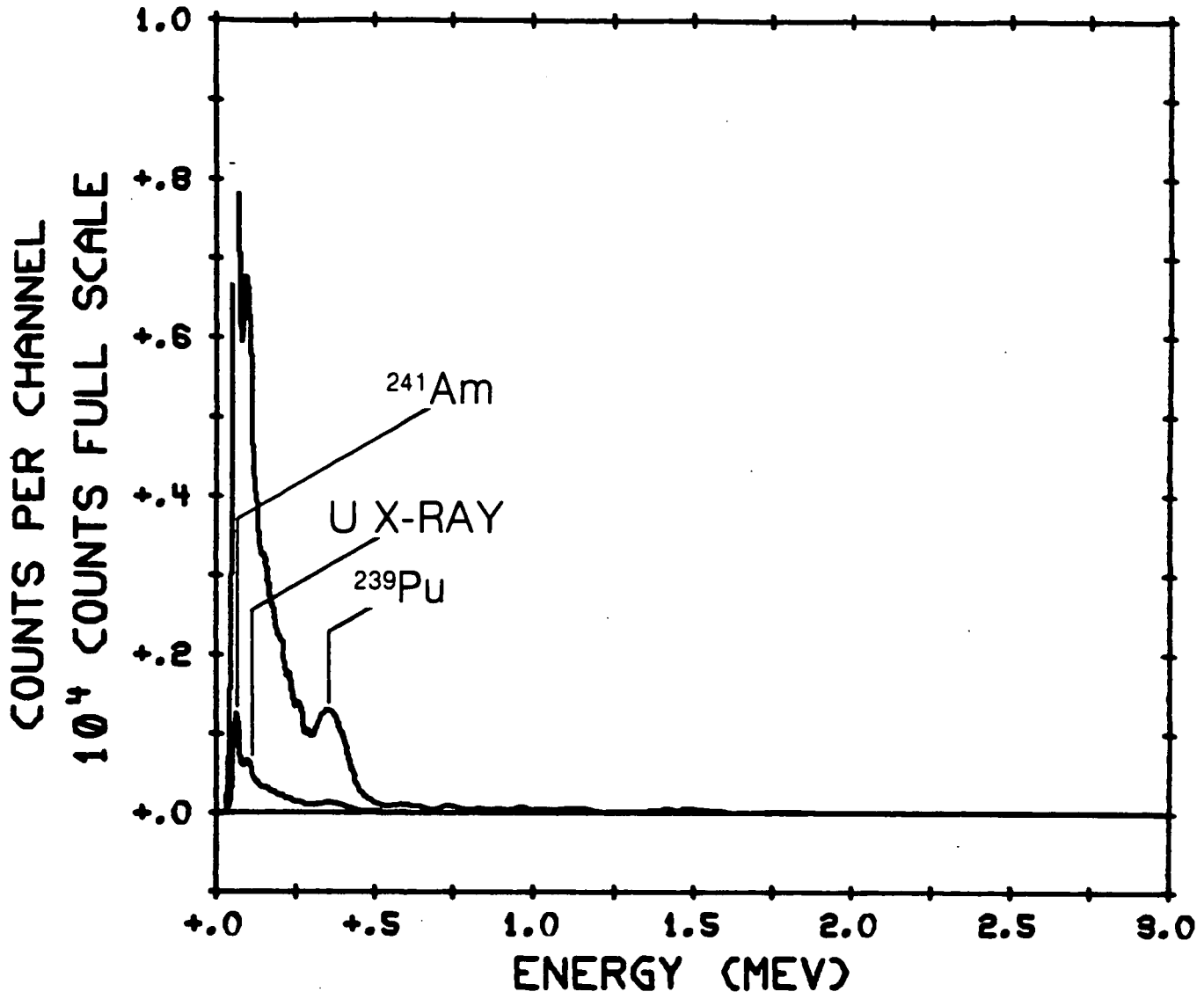

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AIRCRAFT B0105

Figure 10. *SPECTRAL DATA FROM AREA 1*

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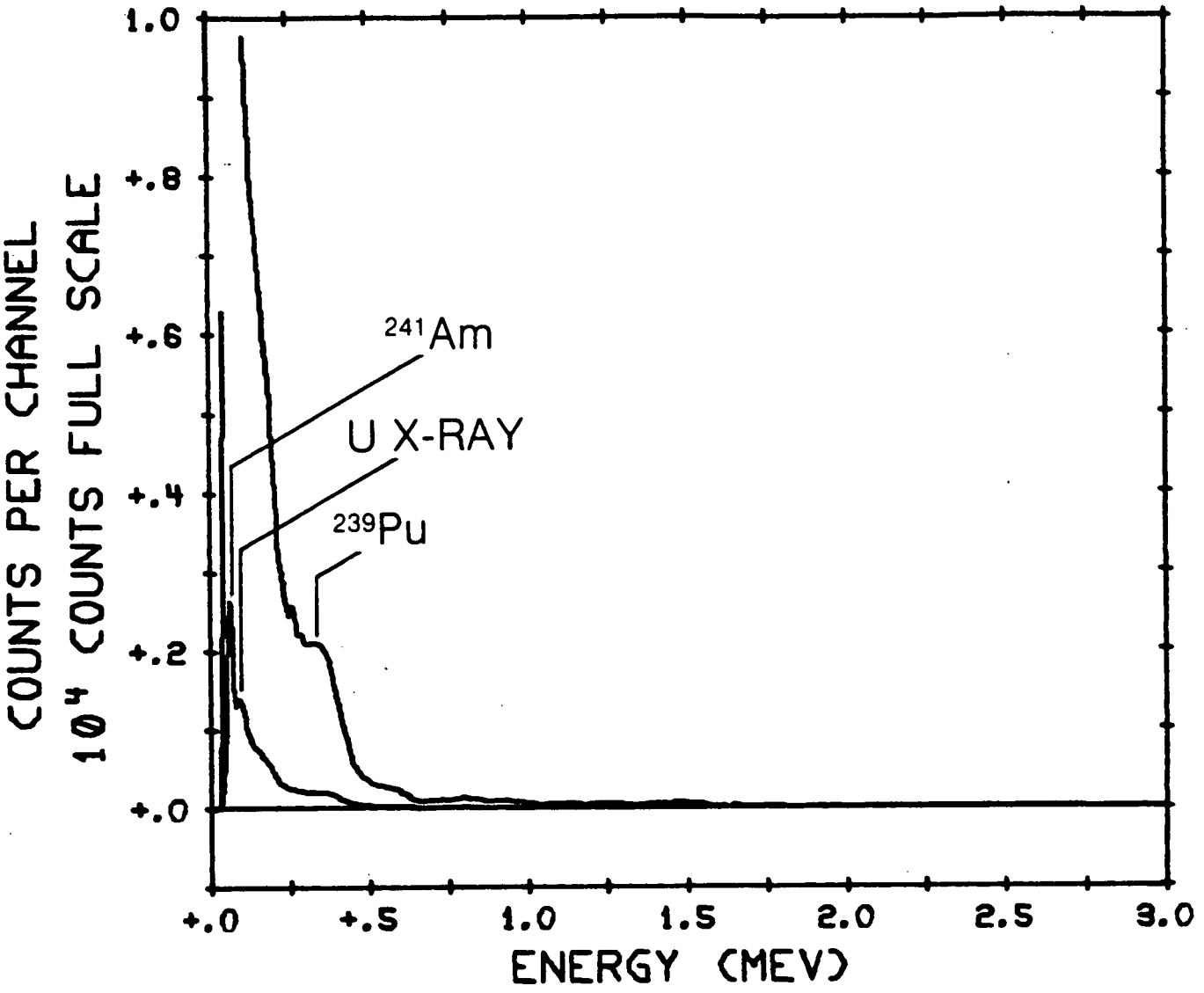

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ALTITUDE 150 FEET
AIRCRAFT B0105

Figure 12. *SPECTRAL DATA FROM AREA 3*

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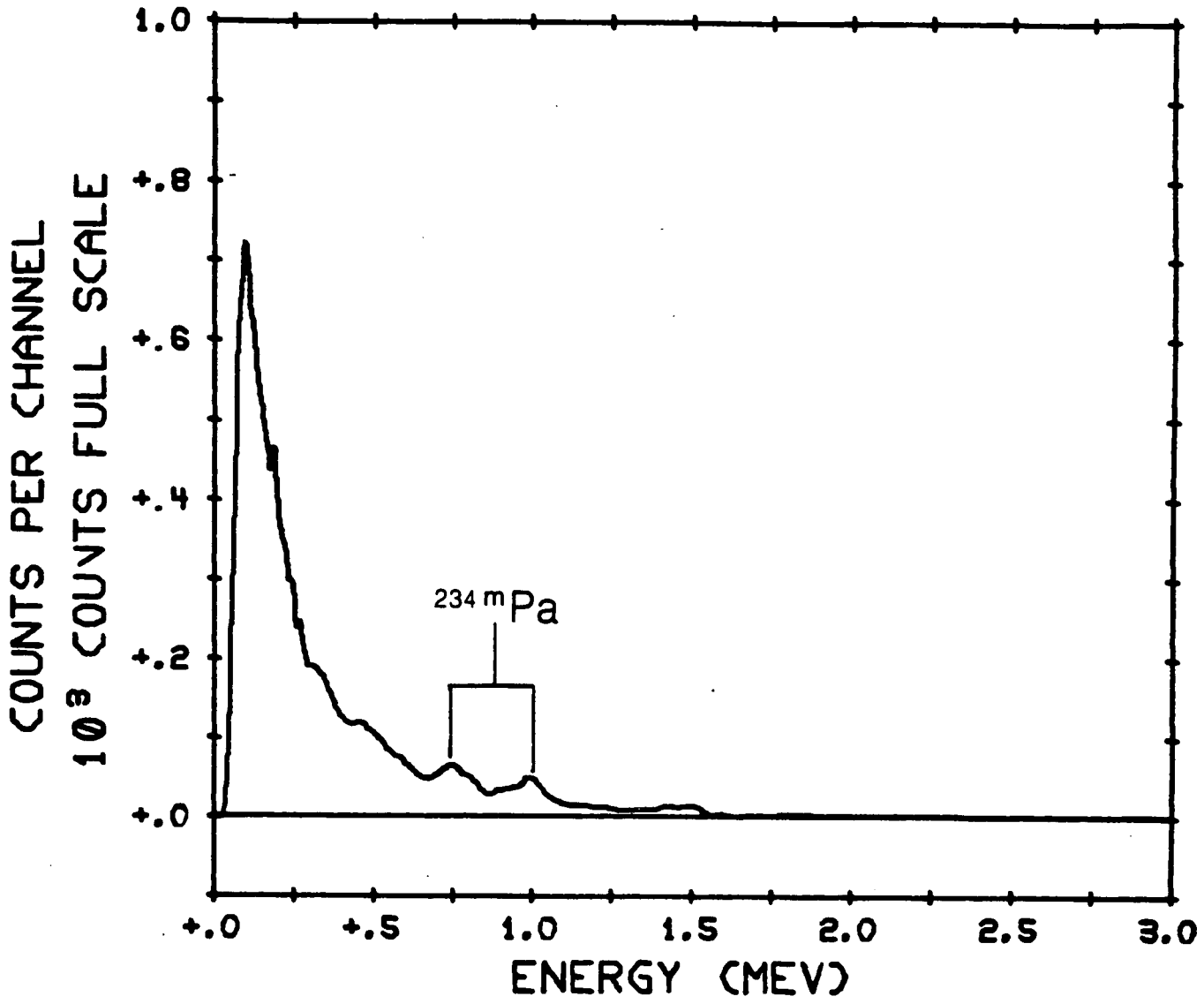

SPECTRUM NO. 191(42,43)-(53,54)NET
DATE 8/14/81-2
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INTEGRATED CT. +.4414524E+05
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AIRCRAFT B010S

Figure 13. *SPECTRAL DATA FROM AREA 4*

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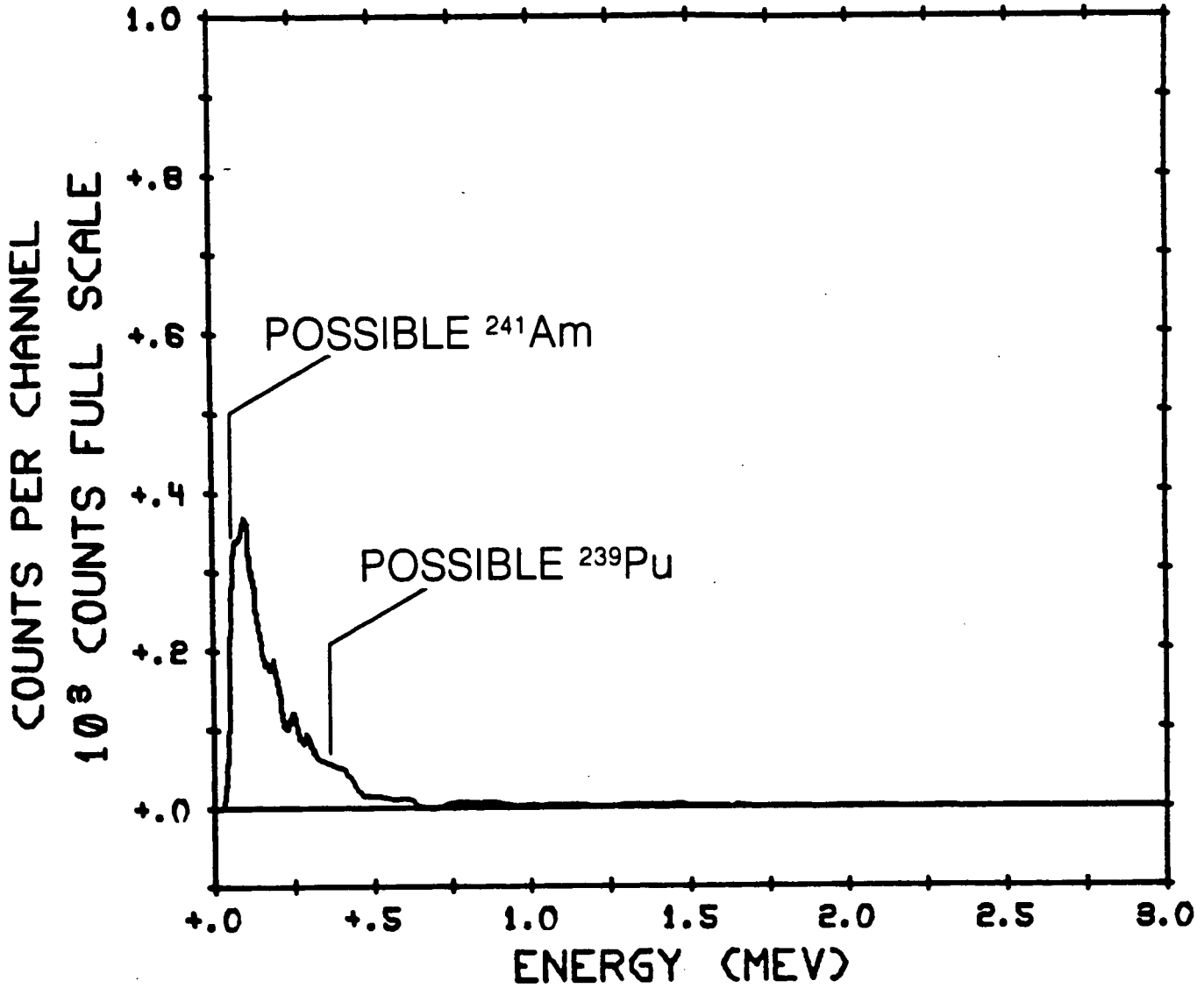

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AIRCRAFT B0105

Figure 14. *SPECTRAL DATA FROM AREA 5*

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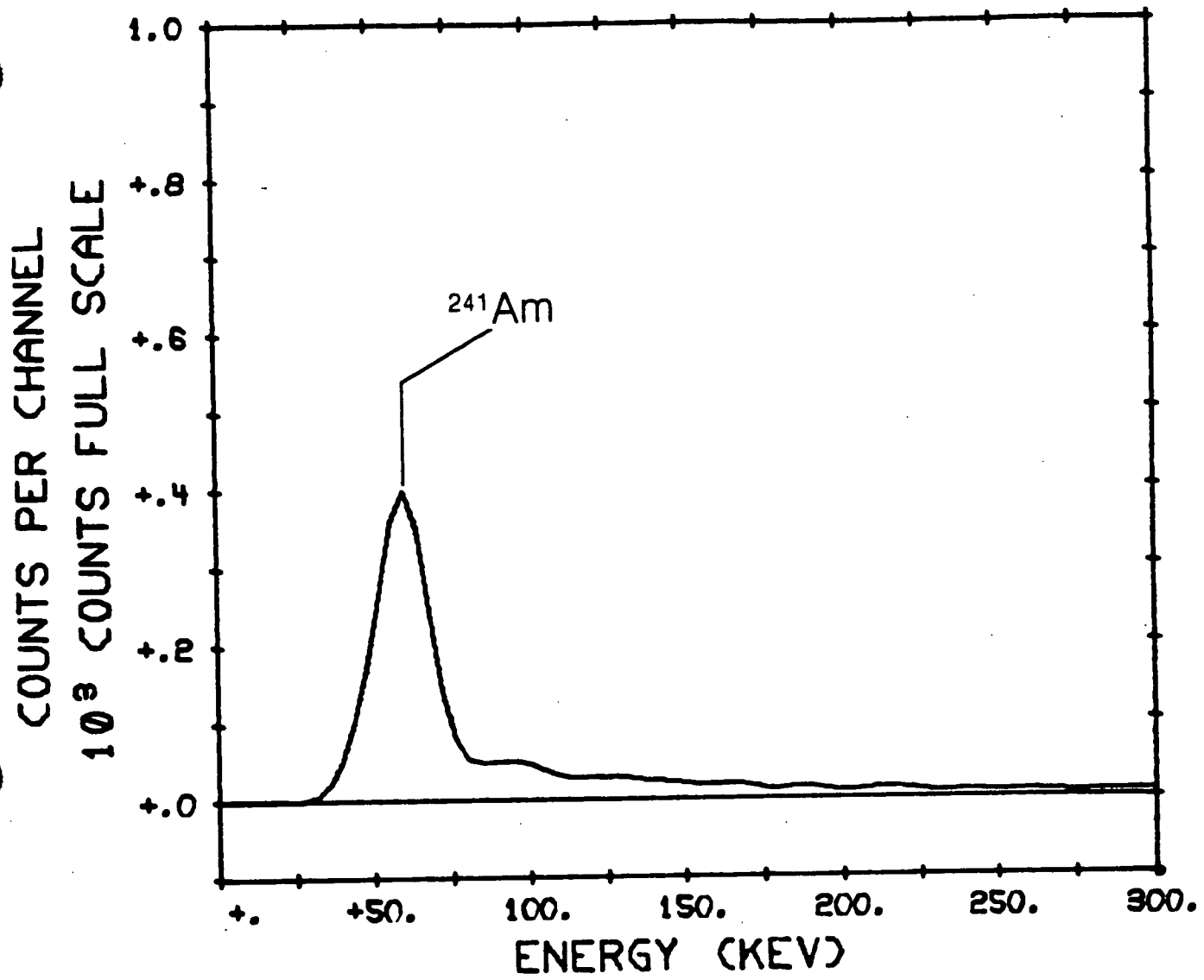

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ALTITUDE 150 FEET
AIRCRAFT B0105

Figure 15. *SPECTRAL DATA FROM AREA 6*

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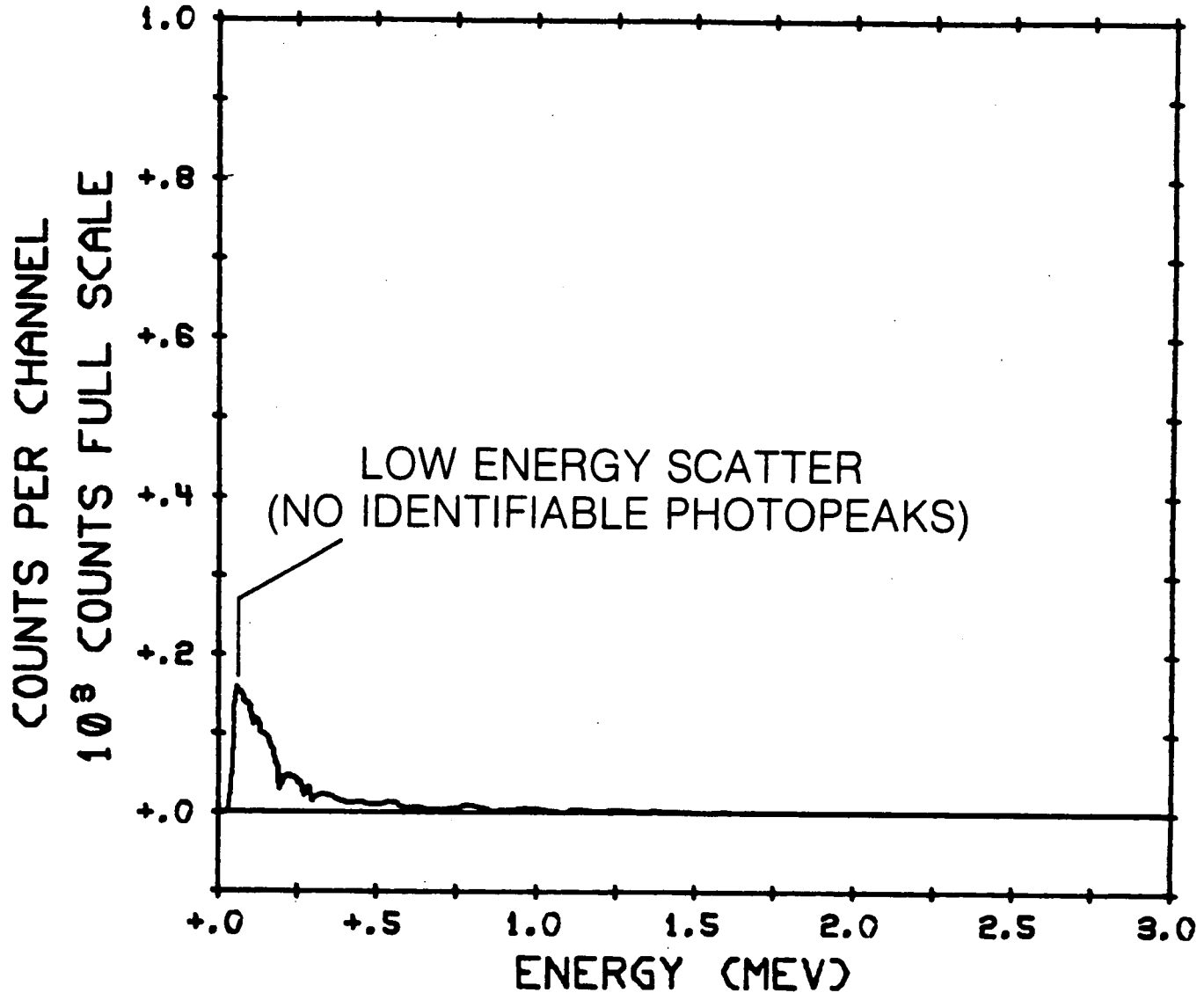

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ALTITUDE 150 FEET
AIRCRAFT B0105

Figure 16. *SPECTRAL DATA FROM AREA 7*

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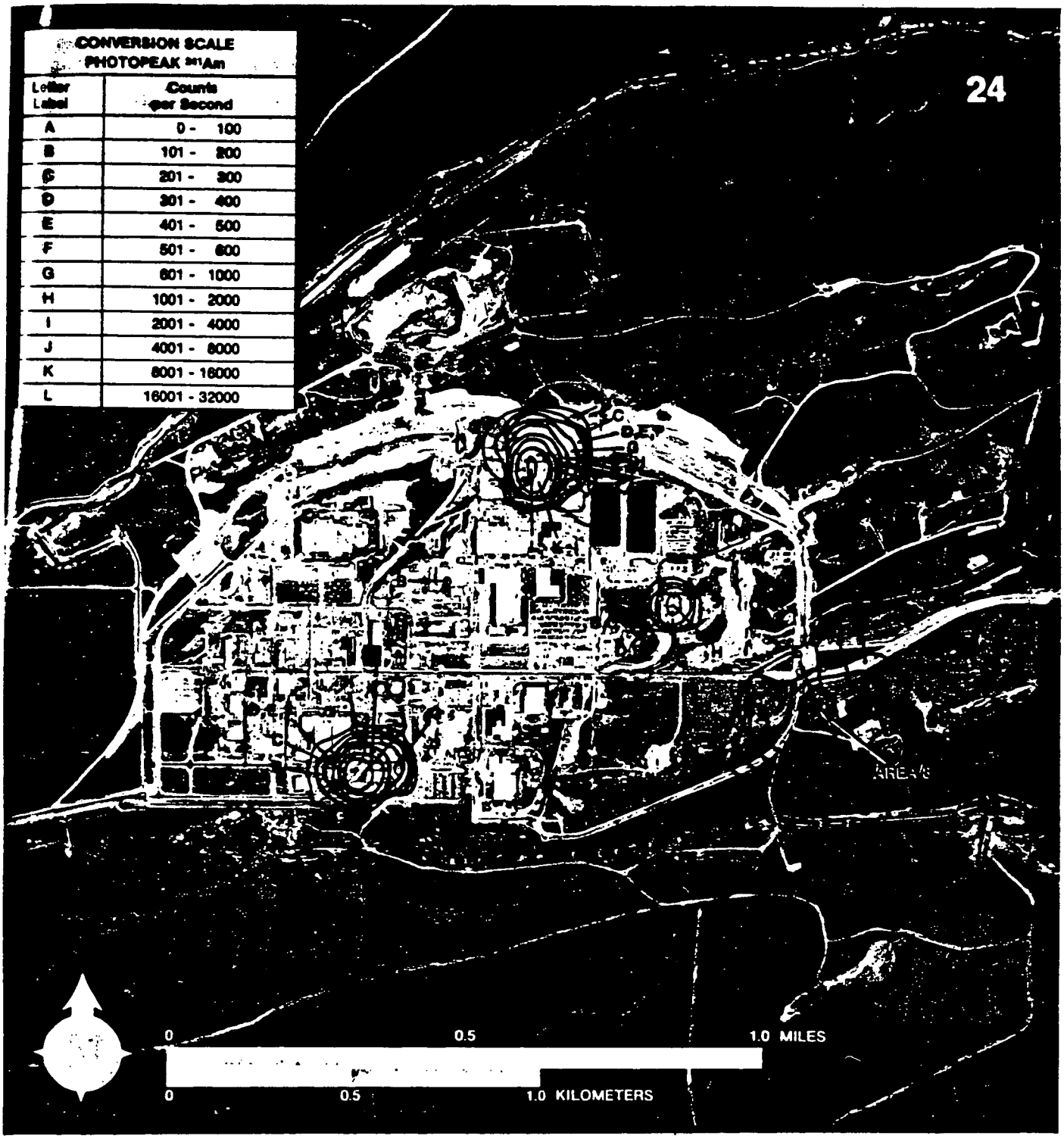

Figure 17. ***PHOTOPEAK COUNT RATE DUE TO ^{241}Am.***

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Table 5. ^{241}Am Conversion Factors				
Relaxation Depth α (cm^{-1})	γ/cm^2-sec	$\mu Ci/m^2$	pCi/g*	pCi/g**
Infinite	0.0112	0.0084	-	-
10.0	0.0118	0.0088	0.1179	0.0589
3.0	0.0132	0.0099	0.1319	0.0659
2.0	0.0142	0.0107	0.1420	0.0710
1.0	0.0171	0.0129	0.1704	0.0858
0.33	0.0287	0.0215	0.2329	0.1385
0.20	0.0401	0.0301	0.2539	0.1737
0.14	0.0515	0.0387	0.2633	0.1961
0.10	0.0686	0.0515	0.2703	0.2171
0	-	-	0.2855	0.2855

*Average activity of a 5 cm deep soil sample.

**Average activity of a 10 cm deep soil sample.

Table 6. ^{241}Am Point Source Conversion Factors	
Lateral Displacement	mCi per counts per second*
0	0.058
9	0.061
18	0.073
27	0.097
36	0.137
45	0.200

*Assuming an aircraft velocity of 31 m/sec and an altitude of 46 m.

8.0 SUMMARY

The survey results indicate the presence of ^{241}Am, ^{239}Pu, and ^{234m}Pa. The ^{234m}Pa is a daughter product in the decay chain of uranium. The major portion of the activity was detected over buildings which are known storage and working areas. The activity in the buildings is part of the normal operations at the Rocky Flats Plant.

Some ^{241}Am was detected outside the building area. The activity is in a controlled area and maintained by the Rocky Flats personnel. No man-made activity associated with the operation of the Rocky Flats Plant was found outside the plant boundaries.

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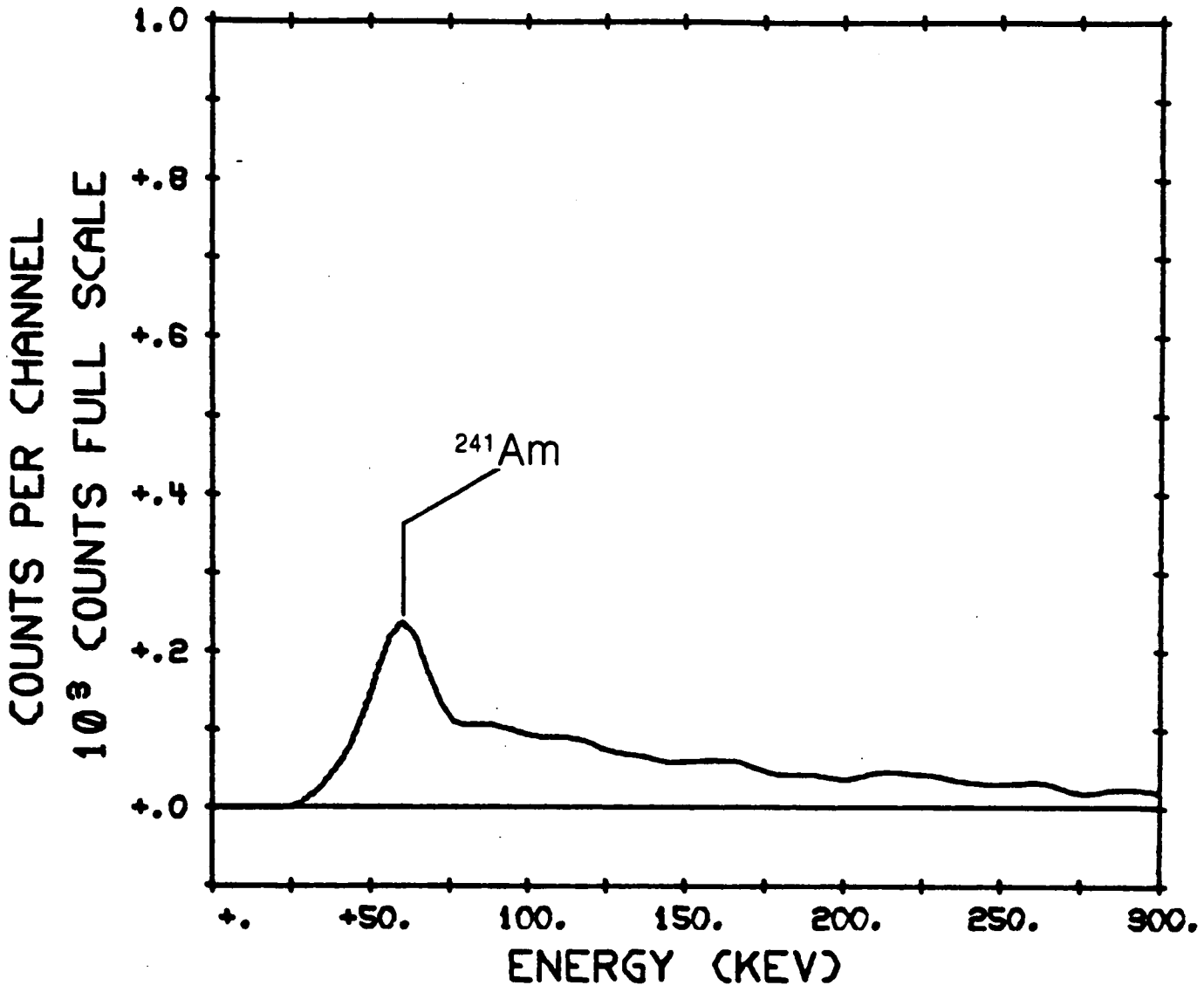

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TYPE LINE=48,AREA*8,ROCKYFLATS,CO
ALTITUDE 150 FEET
AIRCRAFT B0105

Figure 18. *SPECTRAL DATA FROM AREA 8*

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1. Excerpts from Rocky Flats Fact Sheet, Energy Systems Group, Rockwell International, Communications Section.

2. Boyns, P. K. 1976. *The Aerial Radiological Measuring System (ARMS): Systems, Procedures and Sensitivity.* Report No. EGG-1183-1691. Las Vegas, NV: EG&G.

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GOLDEN, COLORADO
EGG-1183-1771
DATE OF SURVEY: AUGUST 1981
DATE OF REPORT: SEPTEMBER 1982

385/001

EG&G
ENERGY MEASUREMENTS

EGG-10617-1044
OCTOBER 1989

AN AERIAL RADIOLOGICAL SURVEY OF
THE UNITED STATES DEPARTMENT OF ENERGY'S

ROCKY FLATS PLANT

GOLDEN, COLORADO

DATE OF SURVEY: JULY 1989

P.K. Boyns
Project Scientist

REVIEWED BY

H. W. Clark, Jr., Manager
Nuclear Radiation Department

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C. K. Mitchell
Classification Officer

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EXECUTIVE SUMMARY

An aerial radiological survey of the Rocky Flats Plant was conducted during July 1989 by EG&G Energy Measurements, Inc. (EG&G/EM) for the United States Department of Energy (DOE). The survey consisted of airborne measurements of both natural and man-made gamma radiation from the terrain surface in and around the Rocky Flats Plant. These measurements allowed an estimate of the distribution of isotope concentrations in the survey area. Results are reported as isoradiation contour maps of total terrestrial exposure rate, man-made count rate, Am-241 count rate, and Cs-137 count rate isopleths superimposed on aerial photographs of the area. Gamma ray energy spectra are also presented for the net man-made radionuclides.

The aerial survey covered an area approximately 9.7 km (6 mi) by 12.9 km (8 mi) for a total survey area of 124 sq km (48 sq mi). The aerial survey was completed in six flying days. It required 24 helicopter flight hours and covered over 1,000 line miles. Over 75,000 data points were collected in the Rocky Flats area.

The 1989 survey was requested by DOE Headquarters to determine if there were any detectable changes in the terrestrial radiation profile of the Rocky Flats area since the routine 1981 survey[1] was conducted.

Germanium detectors and soil samples were also used to verify the aerial data and to increase the detectability and spatial resolution of man-made radioisotopes in the survey area. The soil sample analyses were completed in March, 1990. The soil sample and *in situ* data are summarized in Appendix A.

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1.0 INTRODUCTION

The United States Department of Energy (DOE) maintains an aerial surveillance system, the Aerial Measuring System (AMS), which is maintained and operated for DOE by EG&G Energy Measurements, Inc. (EG&G/EM), an independent contractor. Since its inception in 1958, this continuing nationwide program has included radiological surveys of nuclear power plants, processing plants for nuclear materials, and research laboratories. AMS aircraft have been deployed to nuclear accident sites and in searches for lost radioisotopes. These aircraft were routinely used during launch operations for Apollo, Viking, and other space vehicles which contained radioisotope thermal generators. AMS aircraft also are equipped with mapping cameras and multispectral camera arrays for aerial photography, a thermal mapper for infrared imagery, a broad array of meteorological sensors, and air sampling systems for particulate and whole gas measurements. All of the survey operations are conducted at the request of federal or state agencies and by the direction of DOE.

The aerial radiological survey of the Rocky Flats Plant and surrounding area was conducted during July 1989 by EG&G/EM for the DOE. The survey consisted of airborne, *in situ*, and soil sample measurements of the natural and man-made gamma radiation sources from the terrestrial surface were measured in and around the plant site. The survey was conducted at the request of DOE Headquarters to determine if changes had occurred in the radiation profile of the Rocky Flats area as a result of plant operations since a prior survey in 1981.

Germanium detector measurements were made at 1.0 m above ground level (AGL) to verify the aerial data. Since the germanium has a lower minimum detectability for Am-241, it was used to refine the deposition isopleths both spatially and quantitatively. Soil samples were collected at each measurement location.

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2.0 ROCKY FLATS SITE DESCRIPTION

The Rocky Flats Plant is a U.S. Government-owned facility for the production of nuclear components. It is located 16 miles northwest of Denver, Colorado, and is situated almost equidistant (within 10 mi) between Golden and Boulder.

The plant consists of a 255-acre complex of manufacturing, chemical processing, laboratory, and support facilities and is situated in the center of a 6,550-acre natural preserve.

The Rocky Flats Plant is operated by Rockwell International under contract with the U.S. Department of Energy. The primary mission of the plant is the development and production of specific components for nuclear weapons. These include components fabricated from plutonium as well as uranium, beryllium, and stainless steel, and they are shipped outside Colorado for assembly. There are no complete nuclear weapon assemblies or nuclear power reactors at Rocky Flats.

All plutonium operations at the plant are carried out in highly specialized facilities that separate the plutonium from the environment. Plutonium operations involve the use of high-precision equipment and sophisticated techniques for metallurgical casting, rolling, and forming operations; for machining, joining and nondestructive testing; and for the chemical operations necessary for recovery of plutonium for reuse.

Americium, an ingrowth product of plutonium radioactive decay, is a by-product of the chemical recovery operation and is widely used in home and industrial smoke detectors, in oil and gas well logging, and in a variety of other applications. Rocky Flats is the principal U.S. source of this important material.

There are two fences surrounding the Rocky Flats Plant. One is a site perimeter fence that encloses the 255-acre manufacturing facility. The other fence is a boundary fence that surrounds

the manufacturing site as well as a buffer zone that is a square area approximately 2 miles on each side.

3.0 SURVEY PLAN

3.1 Aerial Survey

The AMS surveys are designed to cover large areas surrounding nuclear facilities. The gamma ray spectral data are processed to provide a qualitative and quantitative analysis of the radionuclides in the survey area.

In order to characterize the radiological profile of the Rocky Flats Plant and surrounding area, a series of parallel lines were flown over 124 square kilometers (48 square miles) to cover the area of interest. Specifically, the survey was oriented to cover the Rocky Flats site and the natural drainage area leading away from the plant. The flights were conducted at an altitude of 46 m (150 ft) over lines spaced of 76 m (250 ft) apart. The aircraft speed was 30 m/sec (100 ft/sec).

All data were scaled to overlay recent photographs (June 1989) of the Rocky Flats area. The data were analyzed for all man-made gamma ray-emitting radionuclides. Man-made radionuclides of primary concern included in this report are Cs-137 (with a single photopeak at 662 keV) and Am-241 (60 keV gamma ray) which is associated with plutonium activity.

The only practical way to monitor for Pu-239 in the environment is to measure the activity of the plutonium daughter product, Am-241. The relationship between Am-241 and Pu-239 is well known.[2,3] See Appendix A for more detailed information. Any other technique to monitor Pu-239 in an area this large would be extremely expensive and take a very long time to take the samples. It would take even longer to get any results from the analyses.

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The Cs-137 levels in the plant area were also of major concern. It had been suggested that a "criticality" accident had occurred and released Cs-137 to the environment. Cesium-137 is easy to detect in the environment since it has an energetic gamma ray of 662 keV, a relatively high percentage of gamma rays per disintegrations (85%) and a long half-life (over 30 years). If an accident has occurred at the plant, a ground deposition plume would be detectable in the survey area.

The actual flight lines flown by the helicopter are shown in Figure 1.

3.2 Ground Measurements

Germanium detector measurements and soil samples were taken from the same areas outside the fence around the Rocky Flats facility that indicated Am-241 activity in the 1981 aerial survey. Ground measurements were continued in directions away from the facility until the Am-241 was undetectable. The first priority was to determine the extent of the deposition in an easterly direction and then to determine the northern and southern boundaries.

Measurements were made along Indiana Street to see if Am-241 could be detected at the eastern boundary fence of the facility. Measurements were also made on the streams that drain from the Rocky Flats Plant.

4.0 AERIAL SURVEY EQUIPMENT

A Messerschmitt-Bolkow-Blohm (MBB) BO-105 helicopter (Figure 2) was used for the low altitude survey. The aircraft carried a crew of two and a lightweight version of the Radiation and Environmental Data Acquisition and Recorder (REDAR) system. Two detector pods were

mounted on each side of the helicopter. Each contained four 5.08-cm (2-in) thick by 10.16-cm (4-in) wide and 40.64-cm (16-in) long thallium-activated sodium iodide, NaI(Tl), detectors.

The preamplifier signal from each detector was calibrated with Na-22 and Am-241 sources. Normalized outputs of each detector were combined in an eight-way summing amplifier. Finally, the signal was adjusted in the analog-to-digital converter (ADC) so that calibration peaks appeared in preselected channels of the multichannel analyzer of the REDAR.

4.1 REDAR System

REDAR is a multi-microprocessor, portable data acquisition and real-time analysis system. It has been designed to operate in the severe environments associated with platforms such as helicopters, fixed-wing aircraft, and various ground-based vehicles. The system displays all required radiation and system information to the operator in real time via a 5-inch CRT display and multiple LED readouts. All pertinent data are recorded on 3M cartridge tapes for post-mission analysis on minicomputer systems.

The system employs five Z-80 microprocessors with AM9511 arithmetic processing chips to perform data collection, data analysis, data display, position and steering calculations, and data recording. These functions are all under operator control. The system allows access to the main processor buss through both serial and parallel data ports under control of the Control Processor.

The system consists of the following subsystems:

1. Two independent radiation data collection systems
2. A general purpose data I/O system
3. A tape recording/playback system
4. A CRT display system
5. A real-time data analysis system
6. A uhf ranging system (URS) with steering calculation and display

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The REDAR processing system block diagram is shown in Figure 3.

The multichannel analyzer collected 1,024 channels of gamma ray spectral data (4.0 keV/channel) once every second during the survey operation. The 1,024 channels of data were sent to the single channel processor and were compressed into 256 channels with partitions. Table 1 summarizes the spectral data compression performed by REDAR. The spectrum was divided into the three partitions with the appropriate energy coefficient to make the width of the photopeaks approximately the same in each partition. The resolution of NaI(Tl) crystals varies with energy, permitting the compression of the spectral data without compromising photopeak identification and stripping techniques. In the first partition (channels 0-75), the data were not compressed, permitting stripping of low energy photopeaks such as the 60 keV photopeak from Am-241. The spectral compression technique reduces the amount of data storage required by a factor of four.

Table 1. REDAR Spectral Data Compression

Eγ (keV)	Channel Input	Energy Coefficient ΔE (keV/channel)	Compressed Channel Output
0 - 302	0 - 75	4	0 - 75
302 - 1622	76 - 405	12	76 - 185
1622 - 4070	406 - 1017	36	186 - 253
4070 - 4090	1018 - 1022	N/A	254
>4090 - Analog Cutoff	1023	N/A	255
	1024	Unused	256

The 256 channels of compressed spectral data were acquired every second. The REDAR system has two sets of spectral memories. Each memory accumulated four individual spectra. The two memories were operated in a flip-flop mode, every 4 seconds, for continuous data accumulation. While one memory stored data, the other memory transferred data to magnetic tape.

Figure 4 shows the REDAR data acquisition system.

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4.2 Helicopter Positioning Method

The helicopter position was established using two systems: a Del Norte UHF ranging system (URS) and an AL-101 radio altimeter. The URS master station mounted in the helicopter interrogated two remote transceivers outside the survey area. By measuring the round-trip propagation time between the master and remote stations, the master computed the distance to each. These distances were recorded on magnetic tape once each second. They were converted to position coordinates for the steering indicator to direct the aircraft along the programmed flight line. The radio altimeter similarly measured the time lag for the return of a pulsed signal and converted this to aircraft altitude. For altitudes up to 610 m (2,000 ft), the accuracy was ±0.6 m (2 ft) or ±2%, whichever was greater. These altitude data were recorded on magnetic tape so that variations in gamma signal strength caused by altitude fluctuations could be compensated.

The detectors and electronics systems which accumulated and recorded the data are described in considerable detail in a previous report.[4]

5.0 GROUND MEASUREMENTS AND PROCEDURES

In situ measurements were made at 75 locations within the Rocky Flats Plant area to measure man-made radionuclide concentrations in the soil. The majority of the measurements were made in the northeast and southeast buffer zones outside the Gate 9 perimeter fence, beginning near the center of the Rocky Flats site and extending east to the boundary fence line along Indiana Street. Measurements were made at each point where drainage areas and creeks cross Indiana Street and other key roadways. Several measurements were also made outside the plant boundary at the Jefferson County Airport. For possible future repeat measurements, each of the 75 locations was numbered and tagged with white flags to indicate no detectable Am-241 or with yellow flags to indicate detectable Am-241 activity. Soil samples were taken at each location to be analyzed at EG&G's Santa Barbara Operations Office soil sample analysis laboratory. Position

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coordinates were obtained for each location using the same URS remote transponders that supplied the position information for the aerial data.

Gamma ray spectral data were collected with nitrogen-cooled high purity germanium (HPGe) detectors. The gamma signals were processed using 4,096-channel, multi-channel analyzers. The measurements were conducted with two systems. One system was mounted on a 4-wheel drive vehicle with the detector suspended from an extendable boom capable of detector heights between ground level and 7.4 meters. The vehicle was also equipped with a generator that supplied power to data processing equipment which allowed immediate analysis of the acquired data. The second system was mounted on a tripod; this system was used in areas where the vehicle could not maneuver (*i.e.*, creek beds, culverts, etc.). Figures 5 and 6 illustrate the detector system setups.

Prior to collecting data each day, the detectors were calibrated with sources measured by or traceable to the National Institute of Standards and Technology. Periodically, measurements were taken in areas where the levels of radiation were typical of the naturally occurring levels in the Broomfield, Colorado, area.

In most cases, the data to characterize Am-241 were collected at 61-meter (200-foot) intervals to cover the area of interest. If Am-241 was detected, the measurements were continued until the Am-241 was completely characterized in that area (*i.e.*, the measurements were continued in all directions until the Am-241 was no longer detectable). Data were collected in all locations with each detector at a height of 1 meter above the ground. To optimize detector sensitivity and data collection time, each measurement was made for 900 seconds (15 minutes). Using these parameters, the minimum detectable activity (MDA) for surface concentrations of Am-241 was 0.006 $\mu Ci/m^2$ and 0.1 pCi/g for uniformly distributed Cs-137. Calibration and operating procedures for the HPGe detector *in situ* measurements are described in detail in separate publications.[5,6]

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6.0 AERIAL SURVEY DATA

6.1 Data Processing

Data processing was begun in the field with the Radiation and Environmental Data Analysis and Computer (REDAC) system. This is a computer analysis laboratory mounted in a mobile van (Figure 7). The van and the aircraft were based at JEFFCO Airport in Broomfield, Colorado, during the survey operations.

The REDAC system utilizes a Data General Corporation (DGC), 32-bit MV7800-XP minicomputer. Peripherals include two 800/1,600 BPI 9-track magtape drives, two 1/4-inch digital cassette drives (used for reading REDAR tapes), two 554-MByte disk drives, a laser printer, a 36-inch incremental plotter, a system terminal, and two alpha/graphics CRT display/hardcopy units. A block diagram of the system is shown in Figure 8. The system provides full multi-user/multi-task capabilities. An extensive set of system and application software packages is available for data analysis.

Gamma spectral windows can be selected for any portion of the spectrum. Weighted combinations of such windows can be summed or subtracted, and the result can be plotted as a function of time or position. By the proper selection of windows and weighing factors, it is possible to extract the photopeak count rates for radioisotopes deposited on the terrain by human activity. Such isotopes disturb the pattern of natural soil radioactivity. These photopeak count rates can then be converted to isotope concentrations or exposure rates.

The spectral data, which can be summed over any portion of a flight line, can be decompressed into a linear plot. The REDAC displays the linear spectral data or plots it on the incremental plotter for isotopic identification.

6.2 Data Analysis

In general, the aerial radiation data consisted of contributions from the naturally occurring radioelements, aircraft and detector background, and cosmic rays. For this survey, the major

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emphasis was placed on extracting that component arising from man-made radioactivity. Isopleth maps were produced by processing the data in different ways: gross count, man-made gross count (MMGC), Cs-137, and Am-241 count rate extractions.

6.2.1 Gross Count

The gross count method was based on the integral counting rate in that portion of the energy spectrum between 0.04 MeV and 3.0 MeV. This count rate (measured at survey altitude) was converted to exposure rate at the 1 m AGL by application of a predetermined conversion factor. This factor assumes a uniformly distributed source covering an area which is large compared with the field of view of the detector (approximately 200 to 300 m at the survey altitude of 46 m). For a finite source distribution which is small compared to the field of view of the detector system, it is necessary to modify the exposure rate values by utilizing the data in Table 2. The exposure rate values could be one to two orders of magnitude higher for an area with a source localized in a small area.

Table 2. Correction Factors Versus Area of Contamination

Diameter of Contaminated Circular Area (meters)	Correction Factor
5	300
10	100
25	10
50	6.5
100	2.5
200	1.2
300	1.0
∞	1.0

6.2.2 Man-Made Gross Count

The MMGC rate algorithm is designed to sense the presence of changes in spectral shape. Large changes in gross counting rates from natural radiation usually produce only small changes in

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spectral shape because the natural emitters change in more or less constant ratio as the detector moves from one location to another. The MMGC algorithm senses counts in the lower portion of the spectrum in excess of those predicted on the premise that these counts bear a constant ratio to counts in the upper portion. Since the algorithm is designed to be most sensitive to man-made nuclides, the spectrum dividing line is chosen at an energy (1.4 MeV) above which most long lived, man-made nuclides do not emit gamma rays. It is analytically expressed in MeV as:

$$\text{MMGC} = \sum (0.04 - 1.40) - K \sum (1.40 - 3.00) \qquad (1)$$

The counts in the upper energy window (1.40 to 3.00 MeV) are multiplied by a constant, K, to equal the counts in the lower energy window (0.04 to 1.40 MeV), and the resultant MMGC is equal to zero for areas containing normal background radiation.

Spectral data from the survey revealed that all of the gamma rays from the man-made isotopes had energies less than 1.4 MeV. Therefore, the MMGC extraction technique was used to locate man-made activity in the survey area.

The man-made gross count algorithm is general and will respond to a wide range of nuclides. The result of using this generality is the lack of sensitivity to specific nuclides. If the search nuclide is known, more sensitive algorithms can be devised.

6.2.3 Cesium-137

The photopeak count rate from Cs-137 was determined by using two spectral windows (see Figure 9). The cesium photopeak window (A) included counts in the energy range 590 keV through 734 keV. The background window (B) included counts in the range 734 keV through 1,046 keV.

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For natural isotopes, the ratio $K = A/B$ is nearly constant, so the counts recorded in B accurately predict counts expected in window A. Hence:

$$A \text{ cts (predicted)} = K \times B \text{ cts (measured)} \quad (2)$$

The difference between the A cts (measured) and A cts (predicted) is a measure of the cesium counts present:

$$\text{Cesium cts} = A \text{ cts (measured)} - A \text{ cts (predicted)}$$

$$\text{Cesium cts} = A \text{ cts (measured)} - K \times B \text{ cts (predicted)} \quad (3)$$

As previously noted, the value of K is obtained from a spectrum over a terrestrial area where cesium is totally absent. Because of worldwide fallout, there is virtually no such area, and an indirect method must be used. Spectral data are summed from the entire area (excluding water and other obviously anomalous areas), and a nominal ratio, K, is determined. Using this nominal, K, apparent cesium counts are calculated for every survey point. A distribution of these count rates is then determined. Spectral data is summed from areas exhibiting low apparent cesium activity and for areas exhibiting high apparent cesium activity. From these two spectra which exhibit different cesium to background activities, two spectra are derived: cesium only and background only. A new K is then determined from the derived background-only spectrum. This new K is then used for final processing of survey data. It should be noted that processing in this manner produces a measure of total cesium in the area, not just the deviation from an average value.

6.2.4 Americium-241

The photopeak count rate from Am-241 was determined using three spectral windows. Normally occurring background contributions within the Am-241 photopeak window were removed by subtracting two weighted background windows located on each side of the photopeak window.

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The resulting photopeak count rate data could then be converted to isotope concentration on the ground.

Table 3 gives the correction factor for a finite Am-241 source which is smaller than the field of view of the detector system.

Table 3. Finite Am-241 Source Correction Factors Versus Area of Contamination

Source Diameter (meters)	Correction Factor
10	37
20	9
40	3.5
60	2.2
80	1.6
100	1.3
140	1.1
>140	1.0

6.2.5 Minimum Detectable Activity

Table 4 indicates the minimum detectable activity for Am-241 and Cs-137 as a function of source geometry for the aerial system employed in the Rocky Flats survey. The three geometries assumed were: 1) a point source laying on the surface of the ground, 2) a source uniformly distributed on the surface of the ground, and 3) a source uniformly distributed both horizontally and vertically in the soil.

If the source is not a uniform surface distribution and is not uniformly distributed in the soil, it must be distributed in the soil in some manner in between.

The distributions of a man-made source released to the environment can normally be found in the soil with an exponential vertical distribution of concentration. The exponential equation is in the

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Table 4. Minimum Detectable Activity for Several Selected Radioisotopes as a Function of Source Geometries*			
	Surface Sources		Volume Source $\left(\frac{pCi}{g}\right)^{**}$ $\alpha = 10$ cm
Isotope	Point Source (mCi)	Distributed Source (μCi/m^2) $\alpha = \infty$	
Am-241	2.9	0.35	11.2
Cs-137	0.254	0.0259	0.33

* Assuming a survey altitude of 46 meters.

** Conversion factor to pCi/g relate to the average value of a 5-cm deep soil sample.

form of $e^{-\alpha z}$, with alpha (α) being the inverse relaxation depth. At one relaxation depth, that volume of soil will contain 63% of the total activity. At a relaxation depth of two, that volume will contain 86% of the total activity, and at a relaxation depth of three, that volume will contain 95% of the total activity.

Beginning with a vertical concentration distribution:

$$C(z) = C_0\, e^{-\alpha z} \quad \gamma/cm^3 \cdot s \tag{1}$$

where

C_0 = the surface concentration, $\gamma/cm^3 \cdot s$

α = exponential concentration factor, cm^{-1}

z = depth in soil, cm

the sensitivity of the pods to a monoenergetic gamma distribution may be written.

$$S_v^0 = \frac{C_0}{cps} = \frac{1}{X} \quad \gamma/cm^3 \cdot s \cdot cps \tag{2}$$

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where

$$X = \frac{A_0}{2} \int_0^{\theta = 90°} \frac{R(\theta)\, e^{-\mu_a h \sec\theta} \tan\theta \, d\theta}{\alpha + \rho \mu_s \sec\theta}$$

A_0 = detector effective area for monoenergetic gamma total absorption in the detector for fluence perpendicular to the ground surface, cm^2

$R(\theta)$ = relative effective area versus the angle, θ, measured from the ground perpendicular to the pod

μ_a = the air mass attenuation coefficient for the gamma energy in question, cm^2/g

μ_s = the soil mass attenuation coefficient for the gamma energy in question, cm^2/g

h = the detector (aircraft) altitudes in units of air thickness, g/cm^2

ρ = soil density, g/cm^3

The sensitivity, S_v^0, may be used to convert a photopeak count rate from the detector or pod output to the soil surface concentration, C_0.

In practice, the effective area, A_0, is measured with known point sources of different energies. The angular factor, $R(\theta)$, is measured and approximated with unity, cosine θ, or a linear combination of these to fit an angular response at a given gamma energy.

Other useful conversions may be obtained from S_v^0. These are:

1. The sensitivity per unit soil surface area

$$S_A = \frac{S_v^0}{\alpha} \quad \gamma/cm^2 \cdot s \cdot cps \tag{3}$$

2. The sensitivity per unit soil surface mass

$$S_\rho^0 = \frac{S_v^0}{\rho} \quad \gamma/g \cdot s \cdot cps \tag{4}$$

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3. The sensitivity to a soil sample of depth z

$$S_\rho^z = S_v^0(1 - e^{-\alpha z})/\rho\alpha z \quad \gamma/g \cdot s \cdot cps \tag{5}$$

It was assumed in Table 4 that no additional shielding existed between the source and the detector array. It was further assumed that distributed sources were spread over an area comparable to several times the survey altitude.

7.0 AERIAL SURVEY RESULTS

7.1 Gross Count Exposure Rate

The gross count exposure rate results are shown in (Figure 10) superimposed on a photograph of the Rocky Flats area. The exposure rates are expressed in units of microroentgens per hour (μR/h) at 1 m AGL and include an assumed cosmic ray exposure rate of 5.6 μR/h. These results also include contributions from any man-made radionuclides that might be present. A typical background spectrum of the natural radionuclides in the Rocky Flats area is shown in Figure 11. The range of exposure rates measured in the survey varied from 5.7 to 76 μR/h.

An anomalous area showing high activity from Bi-214 (a naturally occurring Ra-226 daughter) was located in the southwest corner of the survey area (identified as Area 1 in Figure 10). The activity appears to be concentrated in an area less than 200 to 300 meters in diameter, located outside the Rocky Flats Plant boundary fence. Terrestrial exposure rates from this area are comparable to those measured over the facilities at the Rocky Flats Plant. The spectral data from this area are shown in Figure 12.

7.2 Man-Made Gross Count Isopleth

The presence of man-made activity was detected in the immediate vicinity of the Rocky Flats Plant. The data in this area have been plotted in an expanded scale for better resolution of the

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location of the man-made activity. The count rate cannot be converted to any meaningful quantifiable results and is used only as an indicator of the presence of man-made isotopes.

Figure 13 shows the MMGC results expressed in counts per second. The count rate is an indicator of the magnitude of the intensity of the sources. The spectral data from Areas 2 through 9, as identified in Figure 13, are plotted in Figures 14 through 21. The most probable isotopes responsible for the man-made activity are indicated on each spectrum. Isotopes identified include Am-241, Pu-239, and Pa-234m (a daughter product in the uranium decay chain indicating the presence of depleted uranium at the facility).

A net spectrum over an anomalous radiation area is obtained by removing the natural background from the spectrum. This is accomplished by using the high energy window (1.40 to 3.00 MeV) as a background monitor. A background spectrum is accumulated in an area that does not indicate man-made activity. After the spectrum is normalized over the area of interest and the background spectrum with the high energy window, the data are subtracted. The result is a net spectrum of man-made activity.

7.3 Cesium-137 Ground Deposition

The 1981 survey did not detect any Cs-137 anomalies above worldwide fallout levels. The data were processed for Cs-137 activity, but were not published as part of the report because they were consistent normal background levels. There was no indication of a ground deposition of Cs-137 resulting from plant operations.

The 1989 survey results of the processing for Cs-137 photopeak count rate data are shown in Figure 22. To further enhance detectability of low-level, widespread cesium activity, data for the survey area were partitioned into areas of 1,000 ft per side. Each of these areas contained approximately 32 original data points. Averaging these points improved the statistical signal/noise ratio for the cesium extraction by a factor of 5.7 (square root of 32), a significant improvement. The

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Cs-137 photopeak count rate can be converted to estimated concentration values for various source distributions by selecting the appropriate conversion factor in Table 5.

Table 5. Conversion Factors Relating Aerial Photopeak Count Rate Data to Cesium-137 Concentration on the Ground for a Variety of Source Distribution Geometries

Radionuclide	Conversion Factor[a]: Point Source on Surface $\frac{\mu Ci}{cps}$		Uniform Surface Distribution		Exponential Distribution			Uniform Volume Distribution	
	Directly under aircraft	At lateral distance of 22 m	$\frac{\mu Ci/m^2}{cps}$	$\frac{\mu R/h^b}{cps}$	Relaxation depth (cm)	$\frac{\mu Ci/m^2}{cps}$	$\frac{\mu R/h^b}{cps}$	$\frac{pCi/g}{cps}$	$\frac{\mu R/h^b}{cps}$
^{137}Cs	9.00	11.8	$9.17 (10^{-4})$	$1.00 (10^{-2})$	0.1	$1.00 (10^{-3})$	$9.17 (10^{-3})$	$1.17 (10^{-2})$	$7.33 (10^{-3})$
					1.0	$1.17 (10^{-3})$	$7.17 (10^{-3})$		
					10.0	$3.00 (10^{-3})$	$7.00 (10^{-3})$		

[a] Conversion factors are given for the eight rectangular (5-cm × 10-cm × 40-cm) NaI(Tl) detector array at an altitude of 46 meters, assuming an air density of 1.07 g/l and a soil density of 1.5 g/cm³ (10% soil moisture content). All results given are an average between those computed for an isotropic and for a cosine detector angular response.

[b] At the 1-meter level, assuming a smooth air-ground interface (*i.e.*, no surface roughness)

As an example of the conversion of Cs-137 photopeak count rate (cps) into units of activity, a "C" level will be used (that is between 65 and 100 counts per second) which is typical from the survey data (see Figure 22).

If it is assumed the activity is "uniform surface distribution" (on the surface of the ground and not distributed in the soil), the desired units would be microcuries per meter squared, and the conversion factor would be 9.17×10^{-4} $\mu Ci/m^2$ per count per second:

where

$$65 \text{ cps} \times 9.17 \times 10^{-4} \frac{\mu Ci/m^2}{cps} = 0.060 \, \mu Ci/m^2$$

$$100 \text{ cps} \times 9.17 \times 10^{-4} \frac{\mu Ci/m^2}{cps} = 0.0917 \, \mu Ci/m^2$$

or a "C" level which is between 0.060 and 0.917 $\mu Ci/m^2$ for a surface source.

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If it is assummed the activity is "uniform volume distribution" (uniformly distributed both horizontally and vertically in the soil), the desired units would be picocuries per gram of soil, and the conversion factor would be 1.17×10^{-2} picocuries/gram per count per second:

where

$$65 \text{ cps} \times 1.17 \times 10^{-2} \frac{\text{pCi/g}}{\text{cps}} = 0.76 \text{ pCi/g}$$

$$100 \text{ cps} \times 1.17 \times 10^{-2} \frac{\text{pCi/g}}{\text{cps}} = 1.17 \text{ pCi/g}$$

or a "C" level is between 0.76 and 1.17 pCi/g of soil for a volume source.

The observed cesium levels are consistent with known worldwide levels. Areas where soil turnover has occurred since the fallout was produced (Rocky Flats Site, new subdivisions near Stanley Lake, etc.) show appreciably lower indications of cesium than undisturbed areas.

Cesium-137 activity appears to be uniformly distributed over the entire Rocky Flats area and, again, is consistent with worldwide fallout measured throughout the United States. There is no indication of Cs-137 deposition due to Rocky Flats operations.

7.4 Americium-241 Results

The photopeak count rates due to Am-241 are plotted in Figure 23 in units of counts per second. The count rate data can be converted to estimated concentration values for various source distributions by utilizing the conversion factors in Tables 6 and 7.

Area 10 in Figure 23 did not appear in the MMGC results. The Am-241 activity was insufficient to be detected using the MMGC extraction technique. This area of activity did appear using the three-window extraction technique described in Section 6.2.4. The spectral data from Area 10 are shown in Figure 24.

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Table 6. Aerial Am-241 Conversion Factors				
Relaxation Depth ($1/\alpha$) cm	γ/cm^2-sec	$\mu Ci/m^2$	Soil Sample Depth	
			5 cm pCi/g	10 cm pCi/g
Infinite	0.0093	0.0070	—	—
0.10	0.0098	0.0073	0.0983	0.0491
0.50	0.0118	0.0089	0.1183	0.0592
1.0	0.0143	0.0108	0.1420	0.0715
3.00	0.0239	0.0179	0.1941	0.1154
5.00	0.0334	0.0251	0.2116	0.1448
10.00	0.0572	0.0429	0.2253	0.1809
Uniform	—	—	0.2379	0.2379

Table 7. Aerial Am-241 Point Source Conversion Factors	
Lateral Displacement	mCi per counts per second*
0	0.058
9	0.061
18	0.073
27	0.097
36	0.137
45	0.200

*Assuming an aircraft velocity of 31 m/sec and an altitude of 46 m.

The following are examples of application of conversion factors to aerial survey data:

a. Distributed Source (Table 6)—Assumming a relaxation depth of 10.0 cm, and for a soil sample depth of 10 cm the conversion factor would be 0.1809 pCi/g per count per second in the detector system. A "C" level (120-240 cps) from the aerial system would equate to:

$$120 \text{ cps} \times 0.1809 \frac{\text{pCi/g}}{\text{cps}} = 21.7 \text{ pCi/g}$$

$$240 \text{ cps} \times 0.1809 \frac{\text{pCi/g}}{\text{cps}} = 43.4 \text{ pCi/g}$$

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b. Point Source (Table 7)—Again assumming a "C" level (120-240 cps) with a point source directly below the aircraft (lateral displacement of 0) would use 0.058 mCi/cps as the converion factor or:

$$120 \text{ cps} \times 0.058 \frac{\text{mCi}}{\text{cps}} = 6.96 \text{ mCi}$$

$$240 \text{ cps} \times 0.058 \frac{\text{mCi}}{\text{cps}} = 13.92 \text{ mCi}$$

8.0 GROUND MEASUREMENT RESULTS

Results of the ground survey using HPGe detectors are presented as levels of concentration represented by color-coded circles with diameters of the order of the field of view of each detector (30 meters). These data were superimposed on a photograph along with isoradiation contour lines generated from the aerial data. Figures 25 and 26 show the results for an assumed uniform surface concentration of Am-241 and an assumed uniform volume distribution of Cs-137, respectively.

The numbers by each of the color-coded circles are the ground sampling location numbers for reference to the soil samples and *in situ* data (see Appendix A for details). The parameters listed in Tables 8 and 9 include factors that convert the concentration values displayed on Figures 25 and 26 to values that bracket other possible source distributions. For example, a value range of 0.15 to 0.35 μCi/m^2 (C level) surface concentration of Am-241 in Figure 25 converts to 10.5 to 24 pCi/g for exponentially distributed Am-241 with a relaxation depth of 1 cm, averaged over the top 2.5 cm of soil as follows:

Find the desired conversion factor in Table 8 for a 1-cm relaxation depth and a soil sample depth of 2.5 cm (value given is 70). Then compute the desired conversion:

$72 \times (0.15 - 0.35)$ μCi/m^2 = (10.8 − 25.2) pCi/g of Am-241 in the top 2.5 cm of soil for an exponential distribution with a relaxation depth of 1 cm.

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Table 8. Factors that Convert Am-241 Surface Concentration to Mean Soil Sample Concentrations[a,b] at Selected Soil Depths and Concentration Distributions					
Distribution Parameters		Soil Sample Depth (cm)			
		Limit[c]	1.0	2.5	5.0
α^a cm^{-1}	$1/\alpha$ cm	Factors = pCi/g/μCi/m^2			
1	1	196	124	72	39
0.333	3	130	111	88	63
0.1	10	104	99	92	82

[a] Distributions as described in Section 6.2.5, Equations 4 and 5

[b] The result of multiplying the surface concentrations (μCi/m^2) by the factor above yield, pCi/g

[c] The limit of Equation 5 as the sample depth approaches 0

Similar conversions can be done for Cs-137 data in Figure 26 using Table 9.

Table 9. Factors that Convert Uniformly Distributed Cs-137 to Mean Soil Sample Concentrations[a] at Selected Soil Depths and Concentrations Distributions					
Distribution Parameters		Soil Sample Depth (cm)			
		Limit[b]	1.0	2.5	5.0
α^a cm^{-1}	$1/\alpha$ cm	Factors = pCi/g (exponential)/pCi/g (uniform)			
.2	5	1.73	1.56	1.36	1.09
.1	10	1.39	1.32	1.22	1.09
.0667	15	1.26	1.22	1.17	1.08

[a] Distributions as described in Section 6.2.5, Equations 4 and 5

[b] The limit of Equation 5 as the sample depth approaches 0

Surface concentrations of Am-241 varied between 0.006 μCi/m^2 and 0.65 μCi/m^2 over the entire surveyed area. These values were consistent with the concentrations inferred from aerial data. Figure 27 is a gamma energy spectrum collected from a location inside the Am-241 plume area. The 59.5-keV gamma ray line is depicted. Figure 28 shows a similar HPGe spectrum in a typical background area.

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Detected concentrations of Cs-137 were between 0.01 and 1.3 pCi/g over all the measured points. These values were consistent with the aerial data as well as those values expected from worldwide fallout. Ground measurement results are summarized in Appendix A.

9.0 SUMMARY

The survey results indicate the presence of Am-241, Pu-239, and Pa-234m. The Pa-234m is a daughter product in the decay chain of uranium. The major portion of the activity was detected over buildings which are known storage and working areas. The activity in the buildings is the result of the normal operations at the Rocky Flats Plant. There were differences in the location of man-made materials inside the Rocky Flats facility between the 1981 and the 1989 surveys. This was obviously due to new facility construction and movement of materials within the plant perimeter fence.

Some Am-241 was detected outside the building area. The activity is in a controlled area and is maintained by the Rocky Flats personnel. The activity appears to be in the same location and magnitude as detected in the 1981 survey. The small "B" areas to the east of the activity detected in the 1981 survey are probably due to the increase in the detector effective surface area (more sensitivity) and better data processing techniques used in the 1989 survey.

The Cs-137 activity appears to be consistent with worldwide fallout and not due to any release from the Rocky Flats Plant. There is no indication of a plume that originated at the facility and left detectable Cs-137 activity anywhere in the survey area.

Appendix A will cover soil sampling techniques and results, along with Q.A. procedures to verify the authenticity of the quantification of the data.

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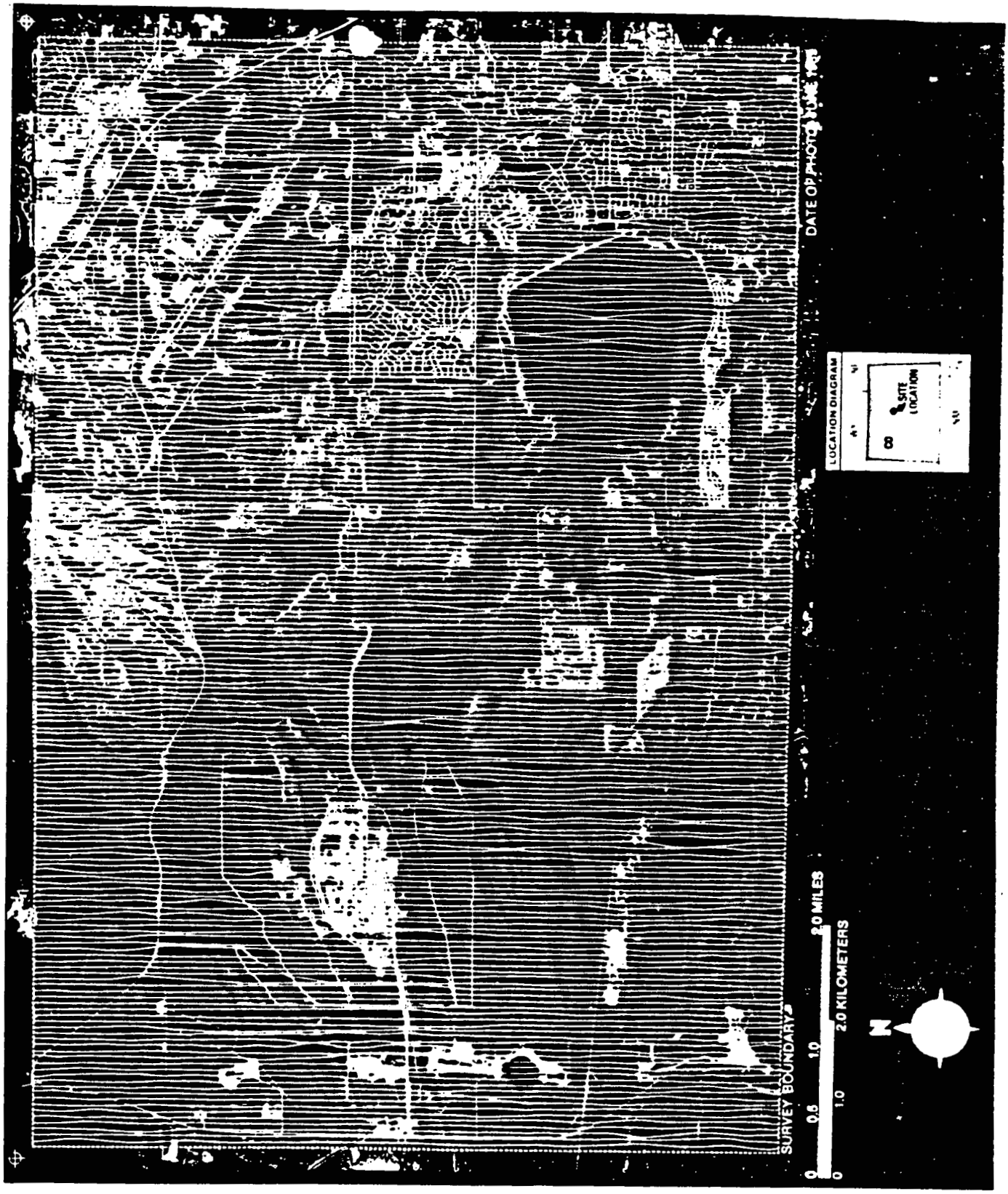

FIGURE 1. ***ACTUAL FLIGHT LINES FLOWN BY THE HELICOPTER***

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FIGURE 2. ***MBB BO-105 HELICOPTER WITH DETECTOR PODS***

4161601

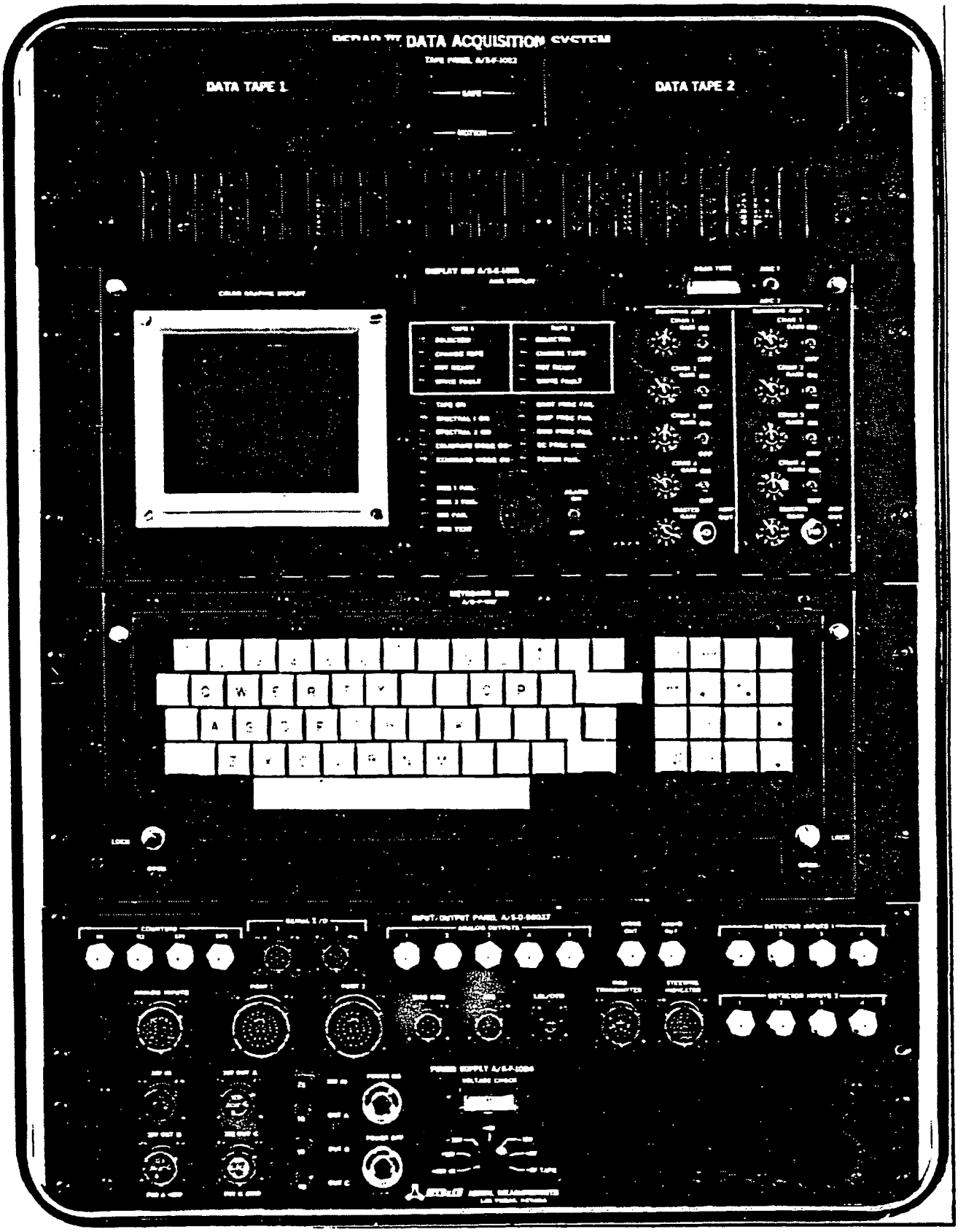

FIGURE 4. *REDAR DATA ACQUISITION SYSTEM*

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FIGURE 8. ***IN SITU GERMANIUM DETECTOR SYSTEM AND SUBURBAN***

4118/601

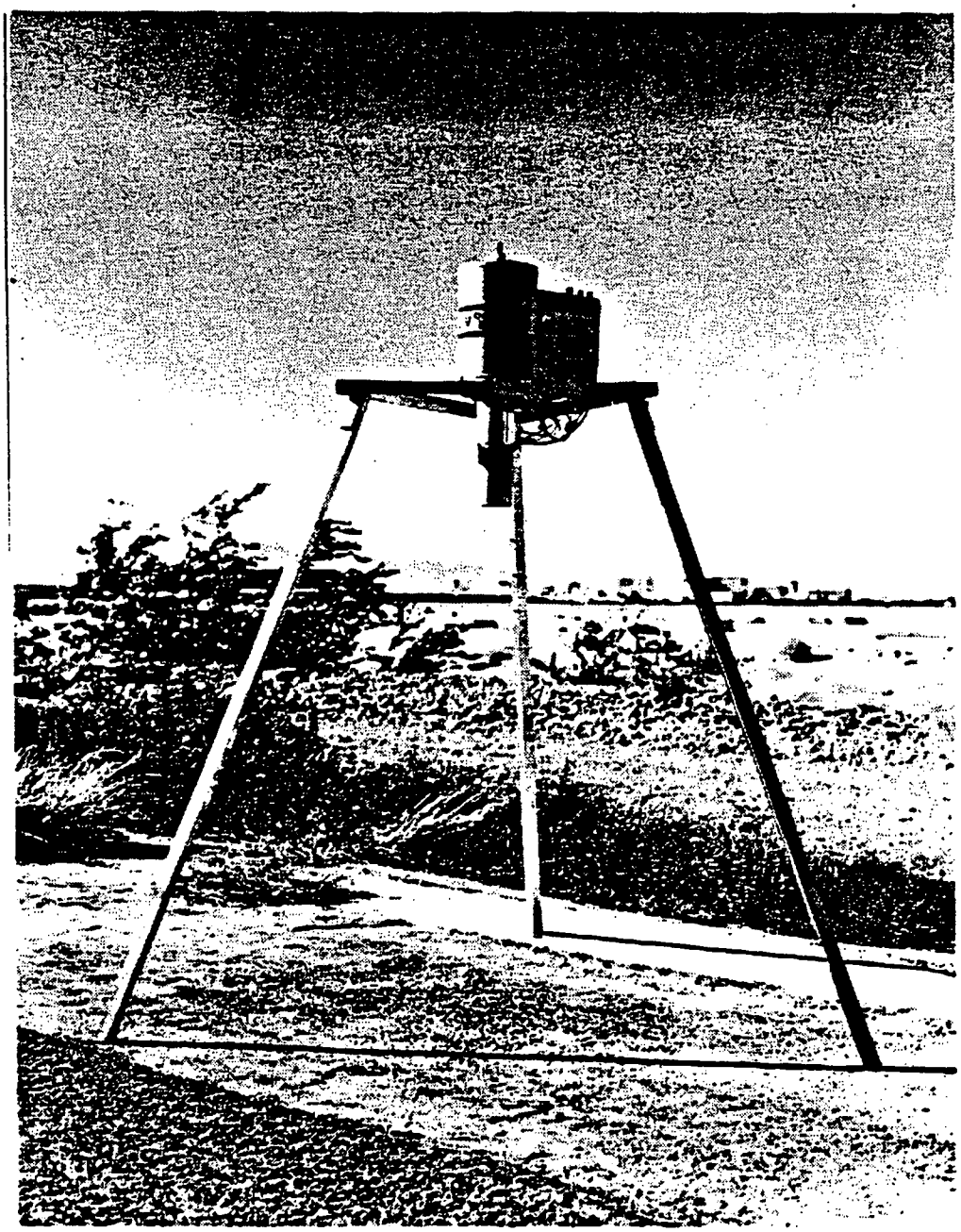

FIGURE 8. ***IN SITU GERMANIUM DETECTOR SYSTEM AND MULTICHANNEL ANALYZER MOUNTED ON A TRIPOD***

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FIGURE 7. *MOBILE COMPUTER PROCESSING LABORATORY*

420/601

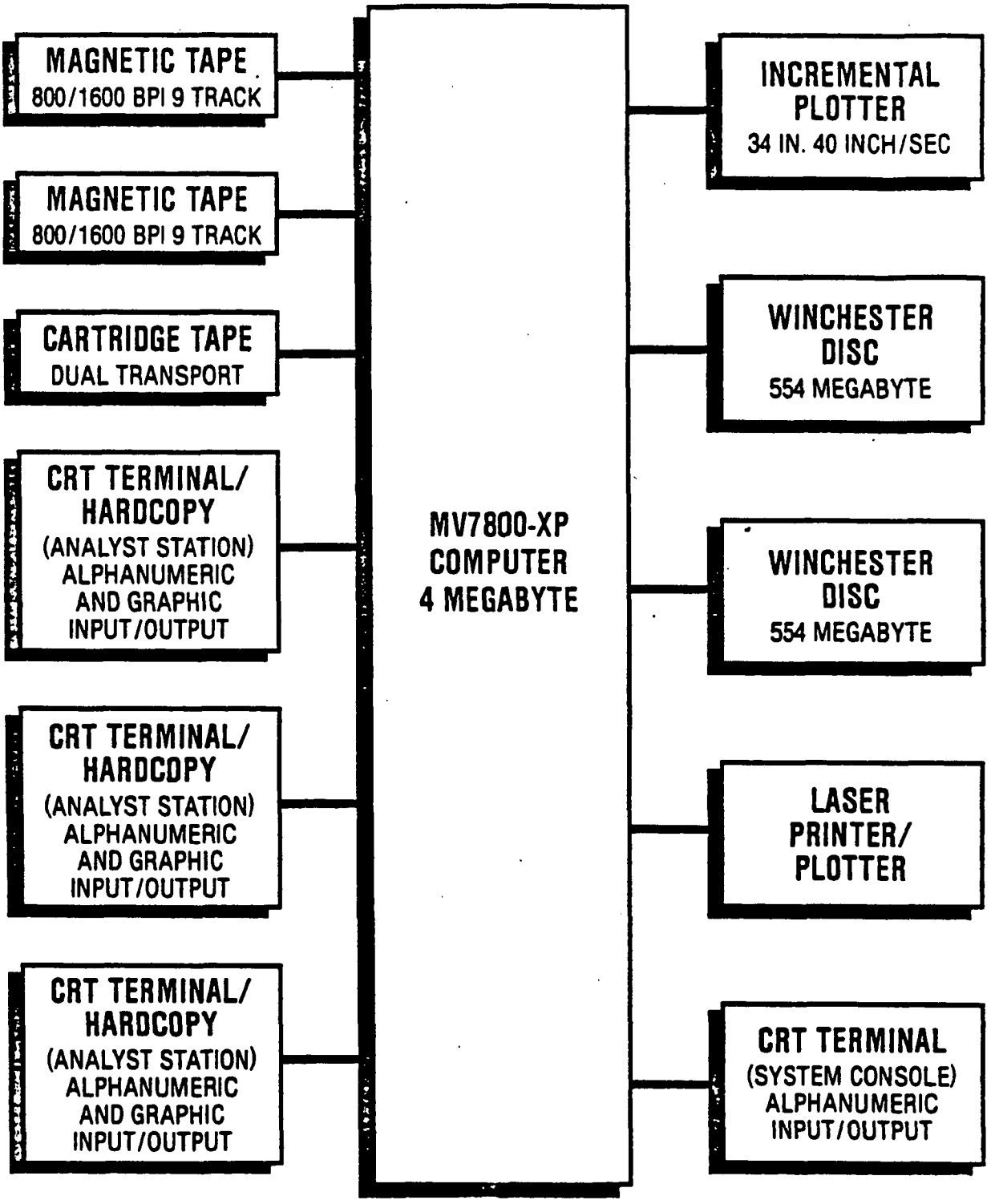

FIGURE 8. ***REDAC ANALYSIS SYSTEM BLOCK DIAGRAM***

4/21/601

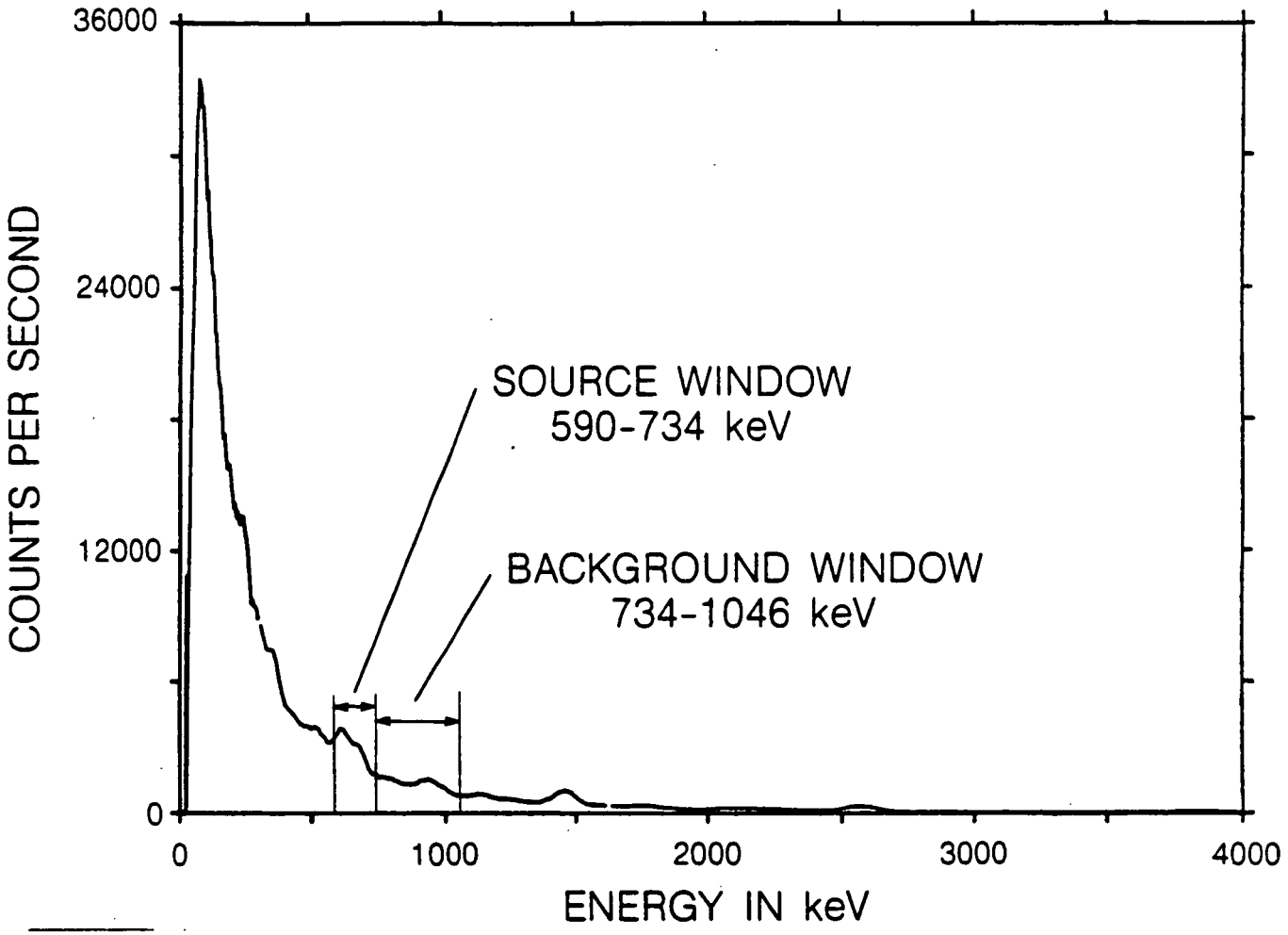

FIGURE 9. ***TYPICAL GAMMA RAY SPECTRUM SHOWING THE LOCATION AND ENERGY WIDTH OF THE WINDOWS USED FOR Cs-137 EXTRACTION***

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FIGURE 10. ***TERRESTRIAL GAMMA RAY EXPOSURE RATE AT 1 METER ABOVE TERRAIN EXTRACTED FROM THE GROSS COUNT RATE DATA***

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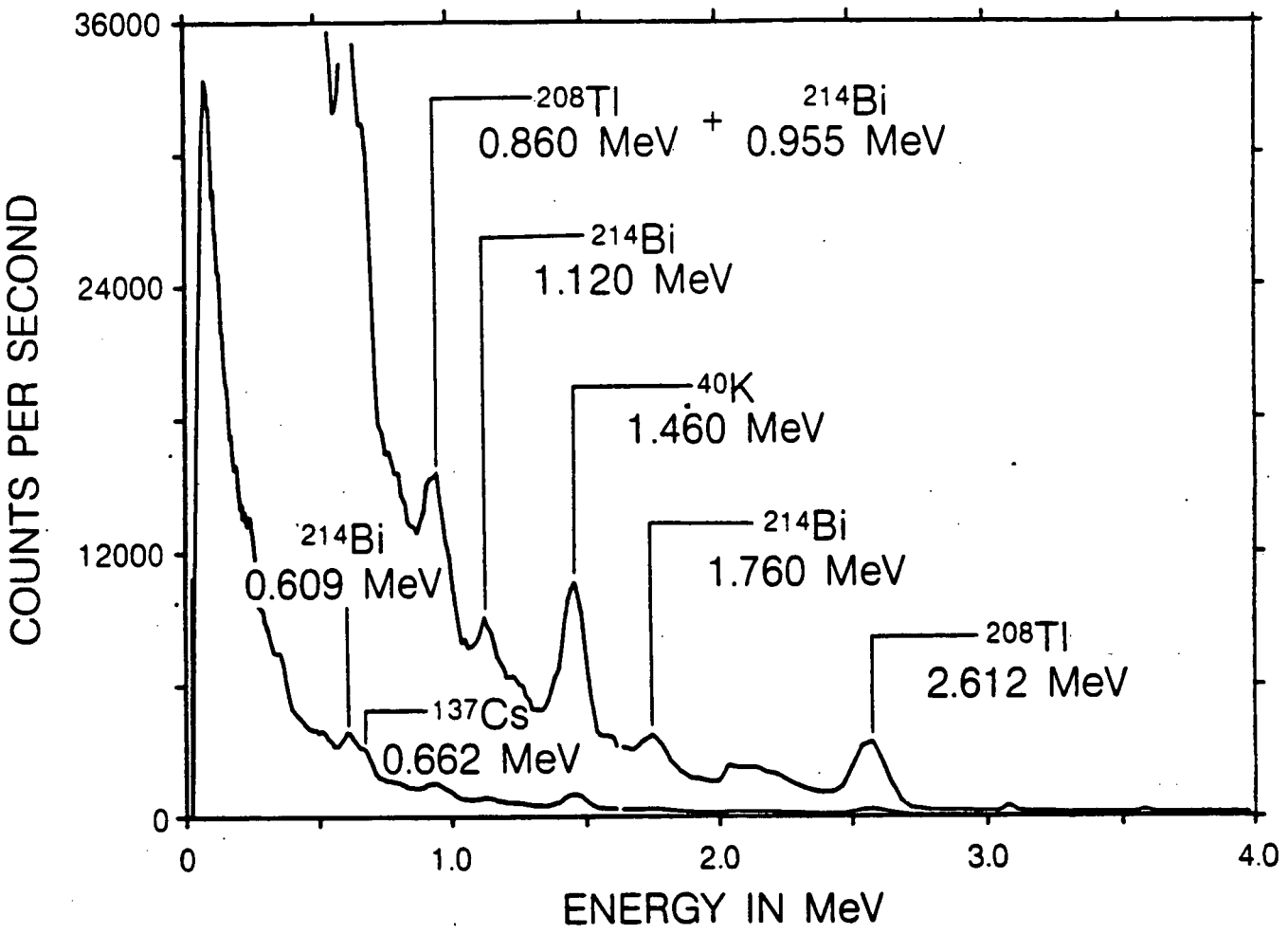

FIGURE 11. ***TYPICAL BACKGROUND SPECTRUM***

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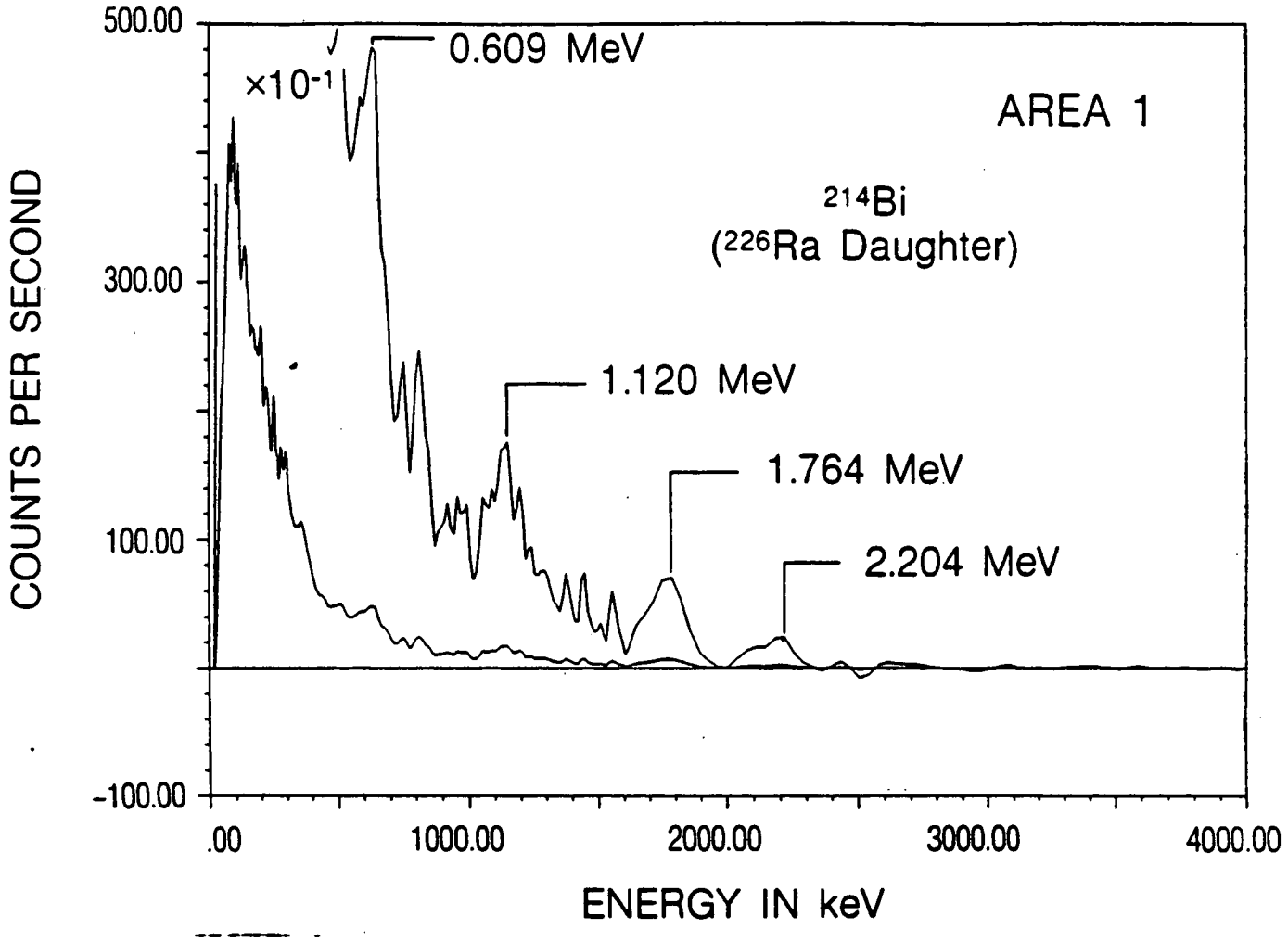

FIGURE 12. ***SPECTRAL DATA FROM AREA 1***

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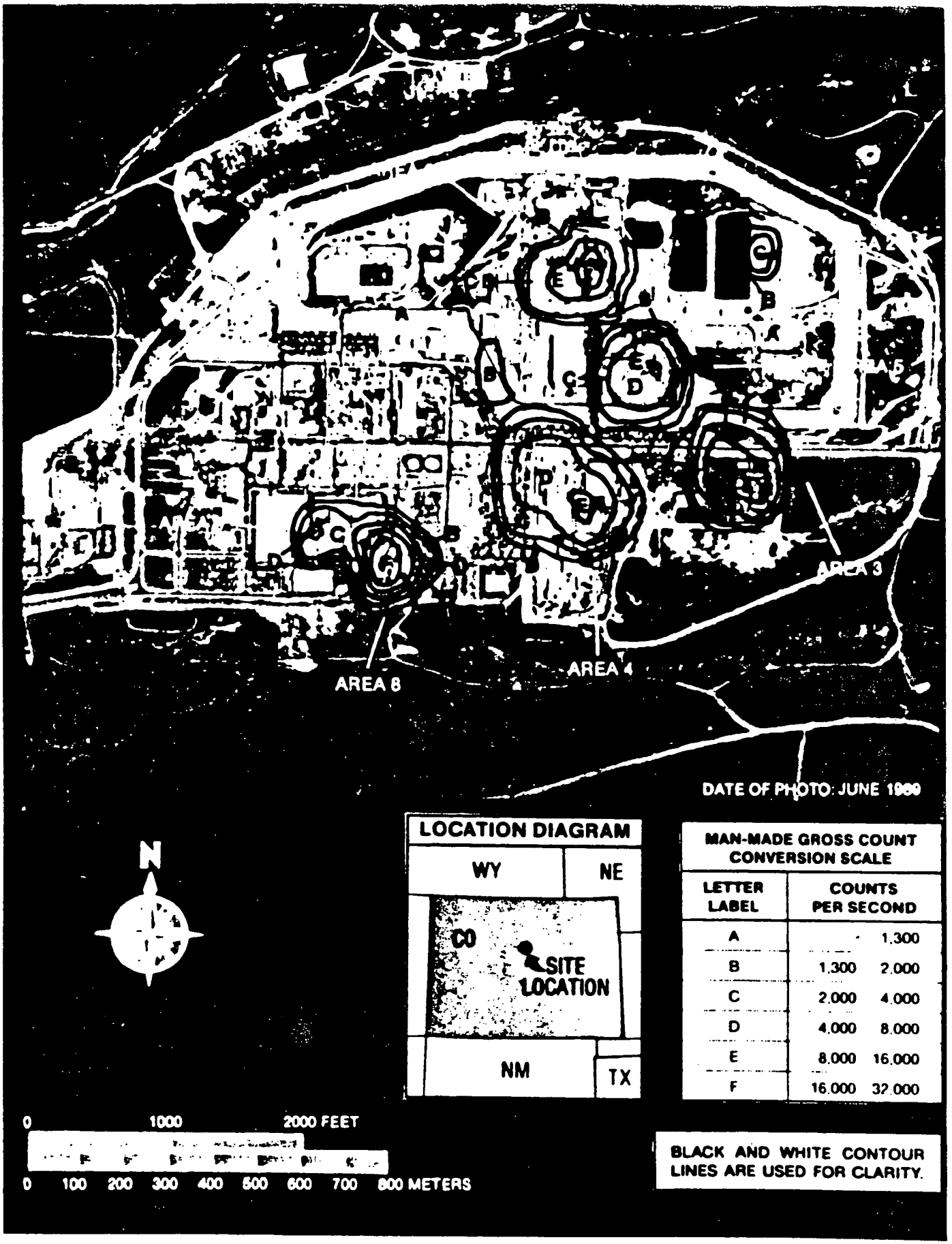

FIGURE 13. ***MAN-MADE GROSS COUNT ISOPLETH MAP***

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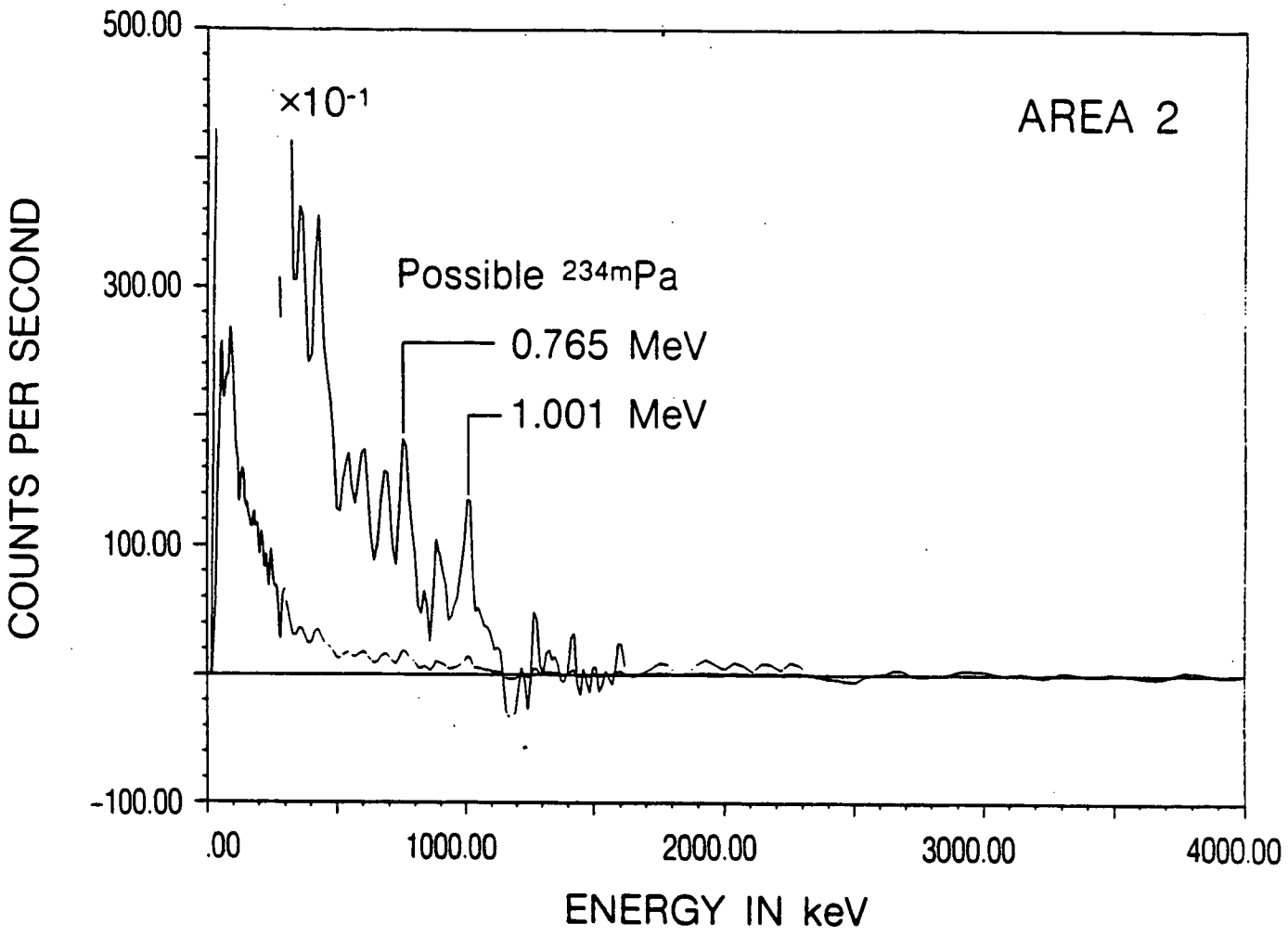

FIGURE 14. ***SPECTRAL DATA FROM AREA 2***

4-27-601

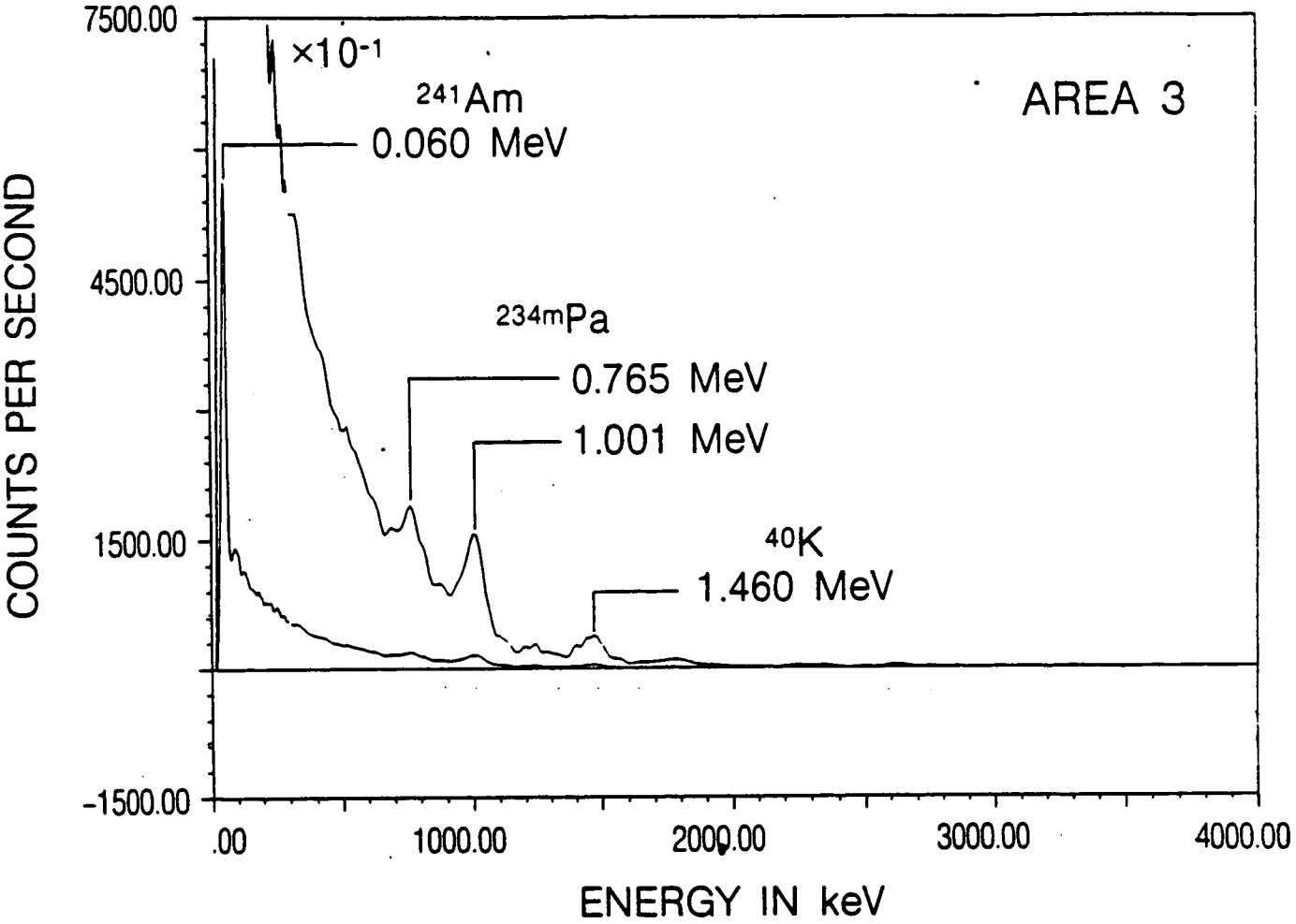

FIGURE 16. ***SPECTRAL DATA FROM AREA 3***

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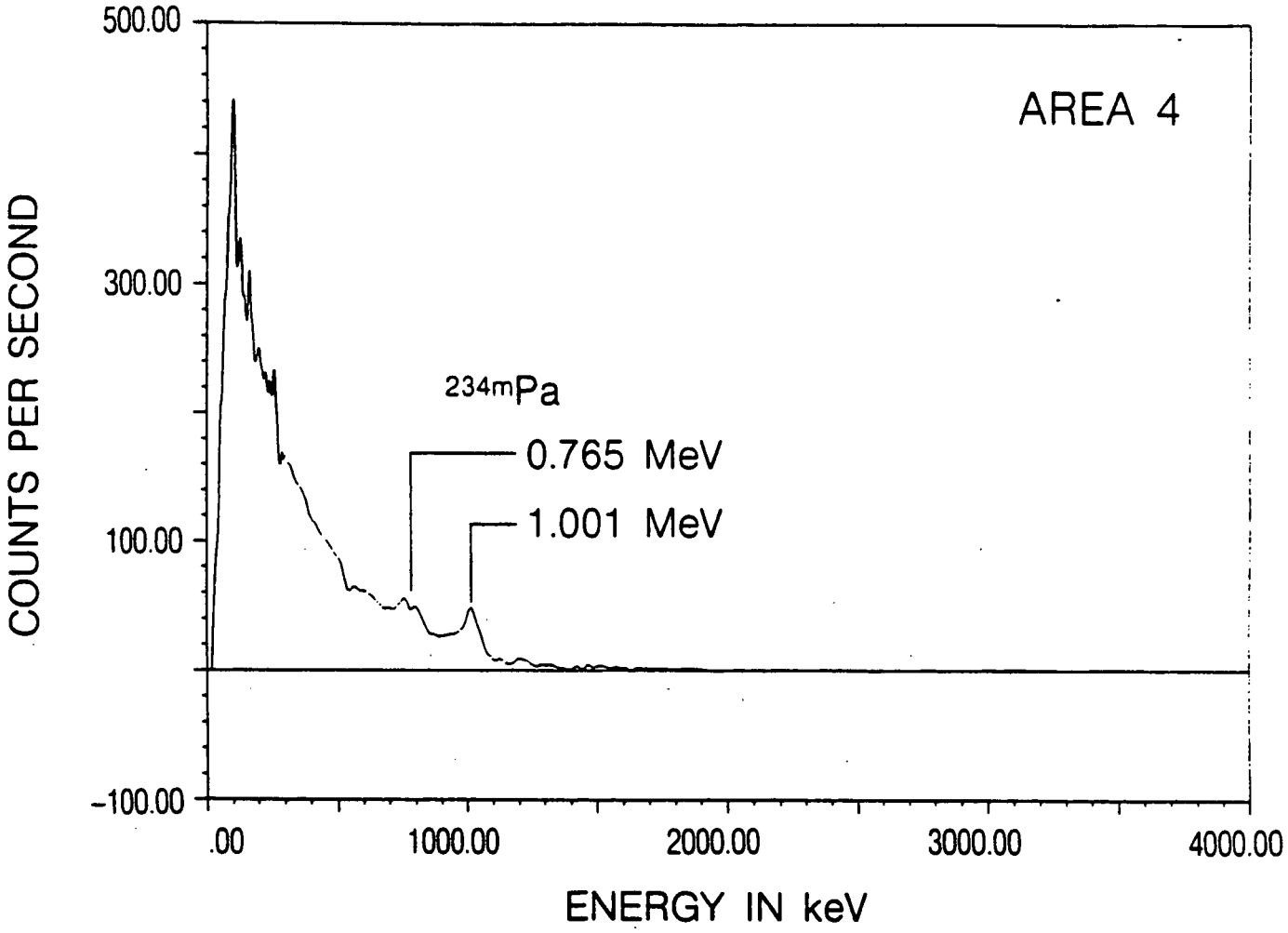

FIGURE 16. ***SPECTRAL DATA FROM AREA 4***

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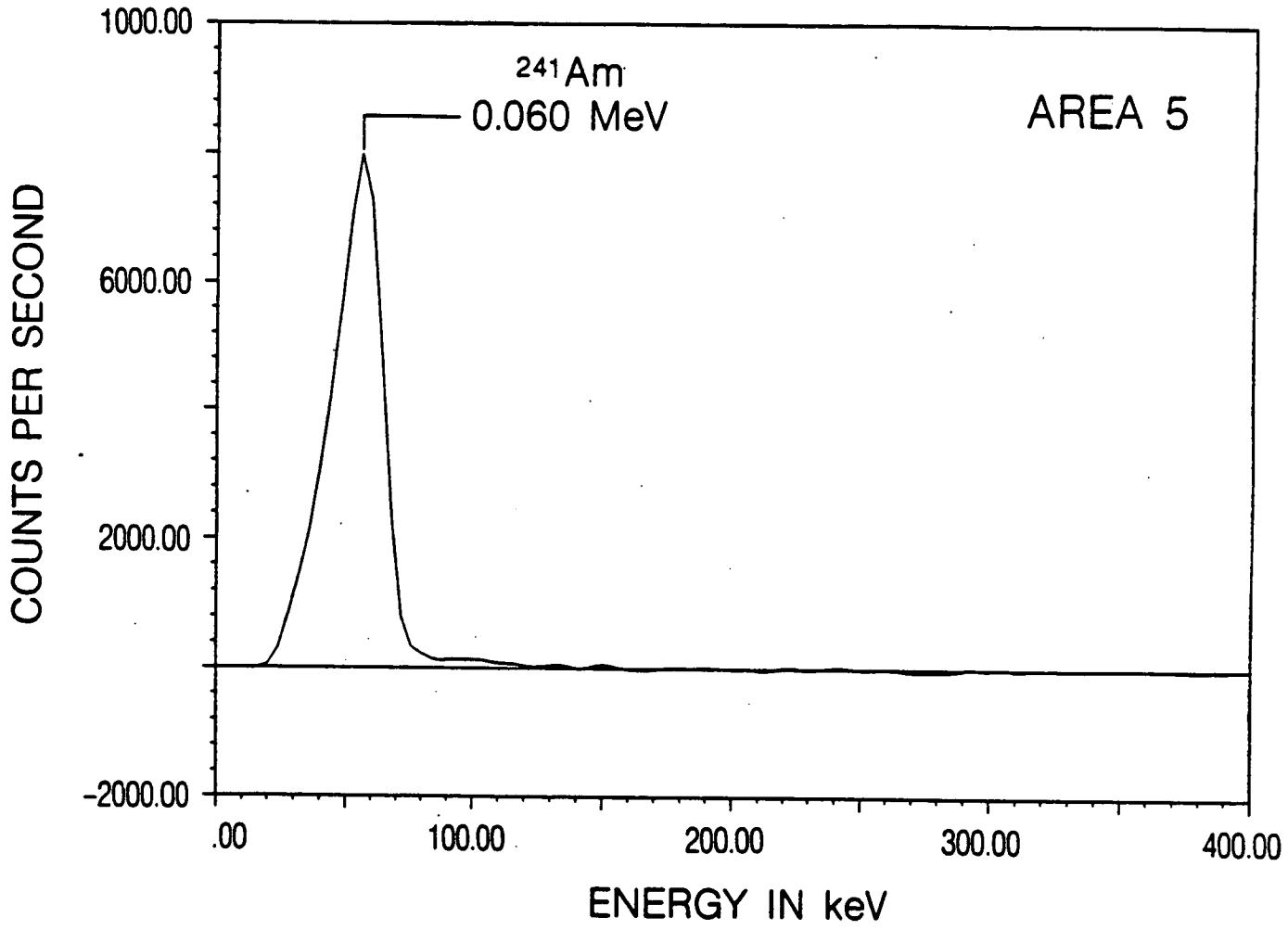

FIGURE 17. *SPECTRAL DATA FROM AREA 5*

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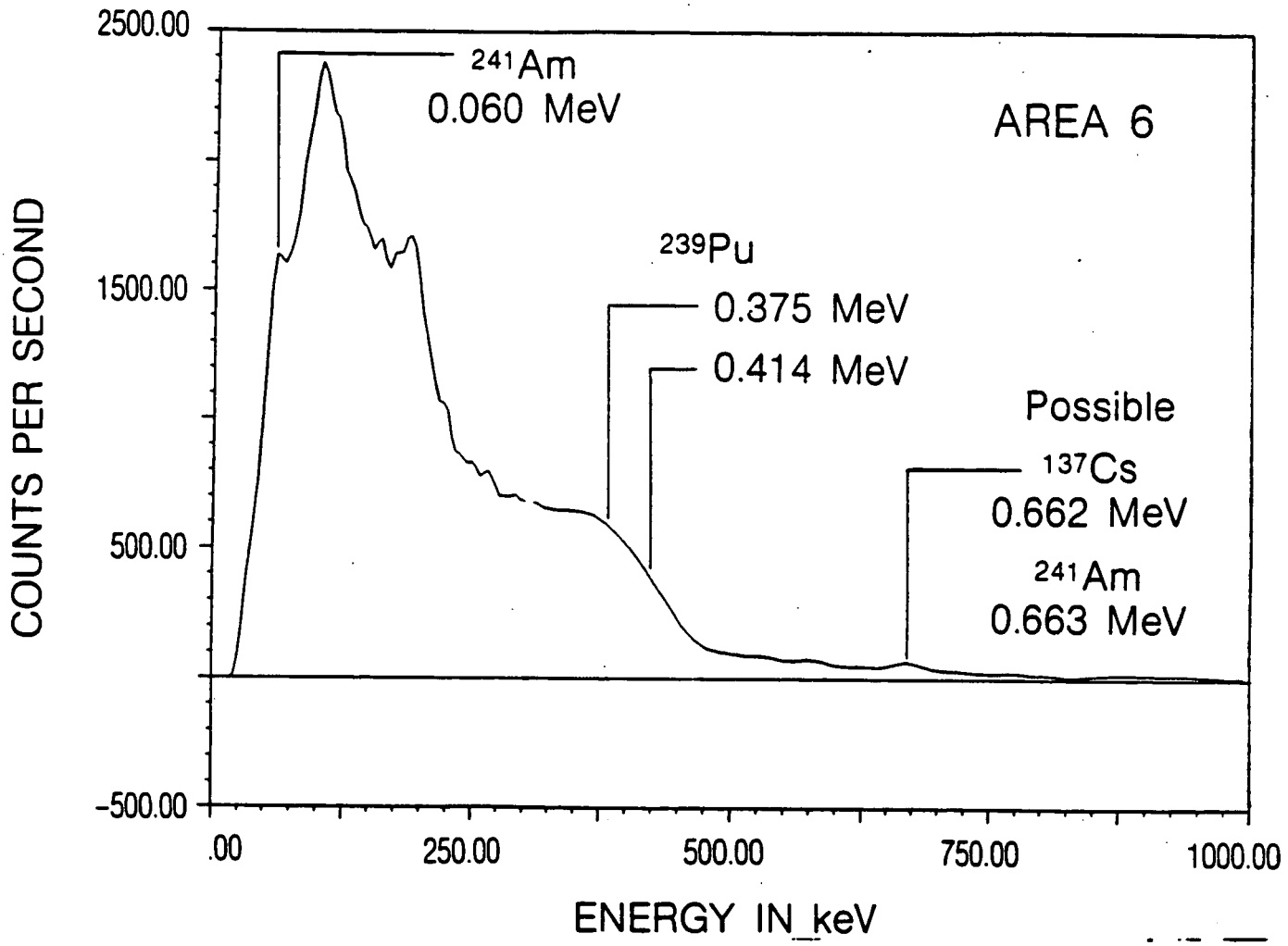

FIGURE 18. ***SPECTRAL DATA FROM AREA 6***

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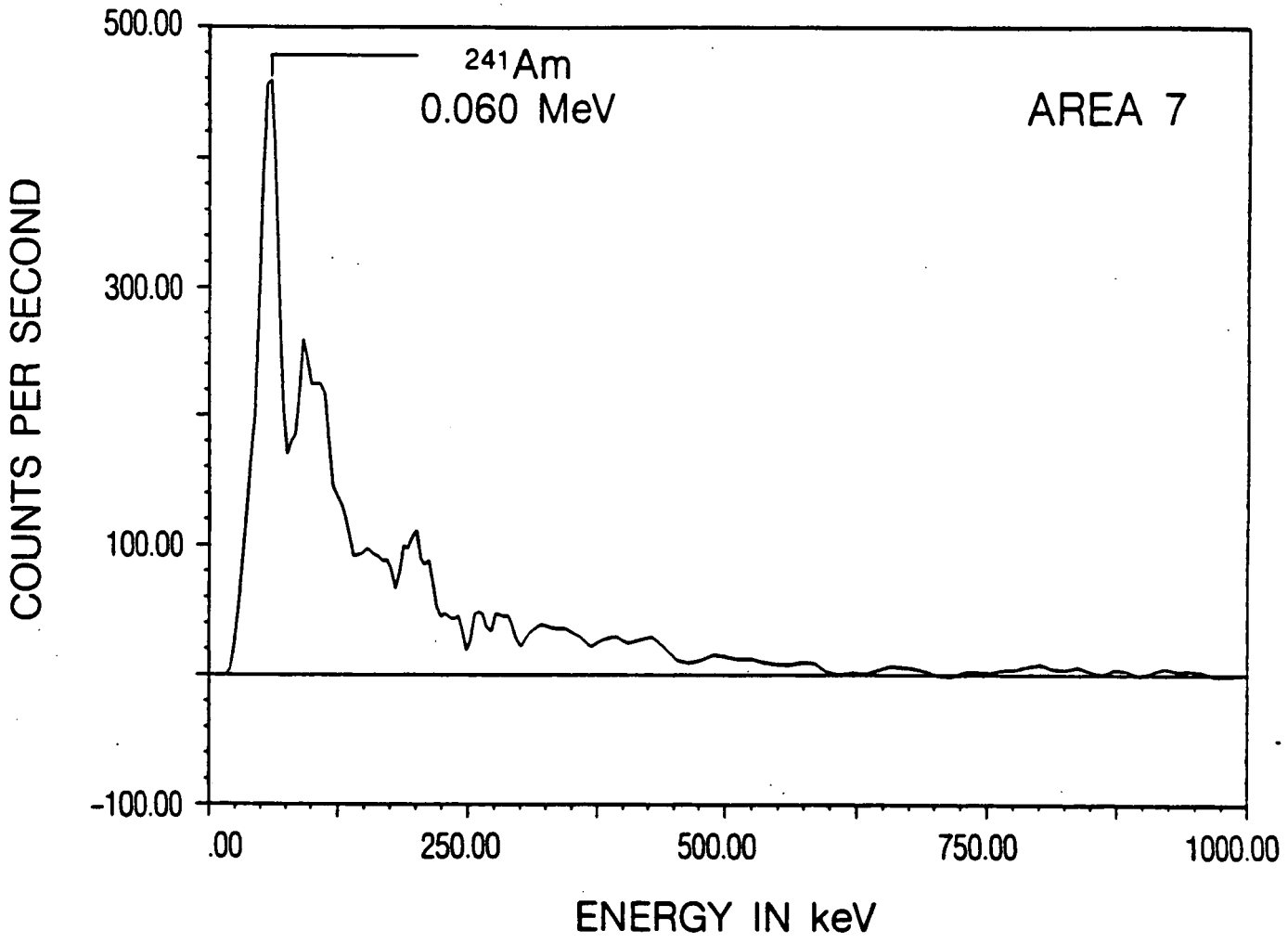

FIGURE 19. ***SPECTRAL DATA FROM AREA 7***

432/601

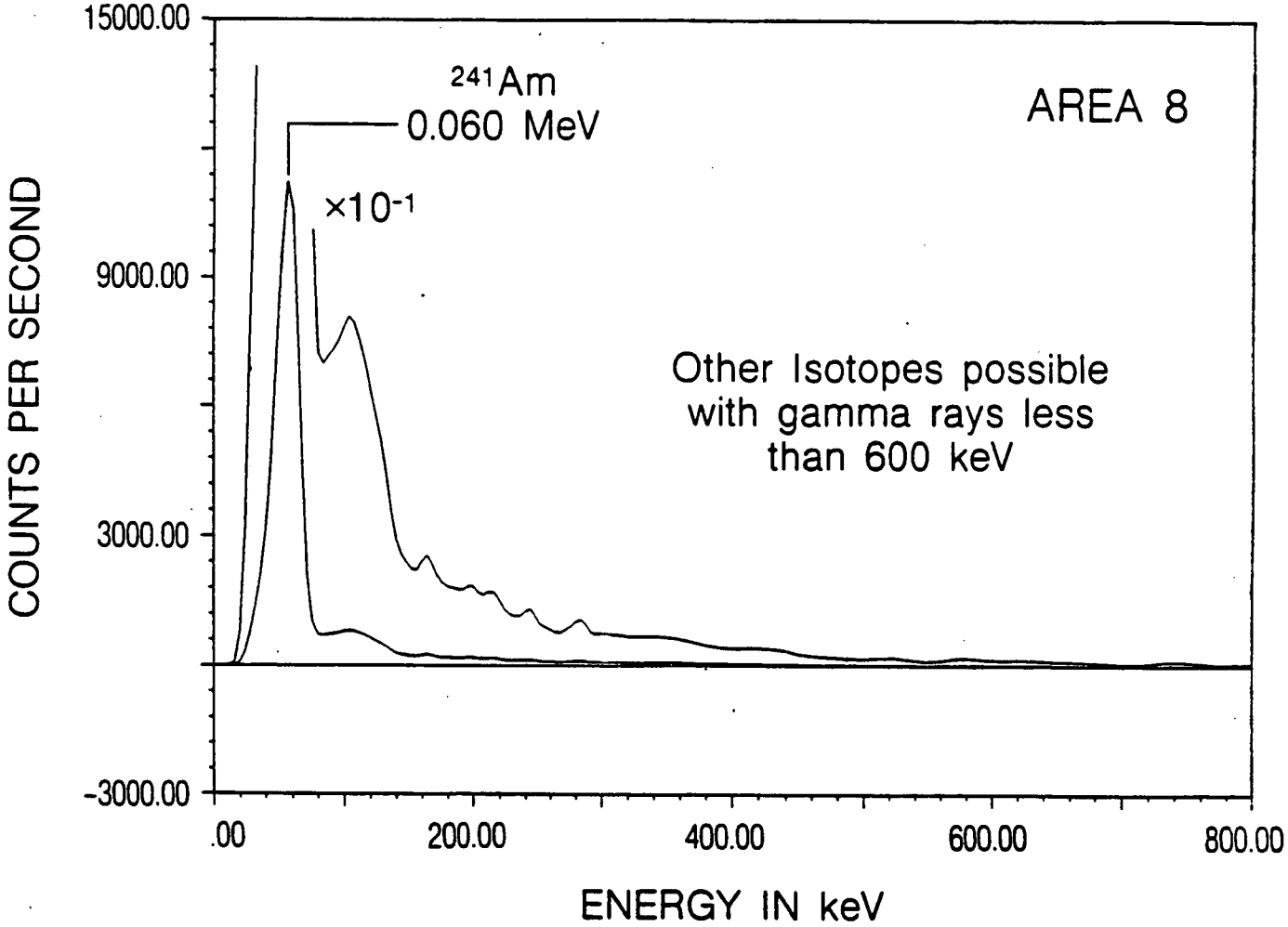

FIGURE 20. ***SPECTRAL DATA FROM AREA 8***

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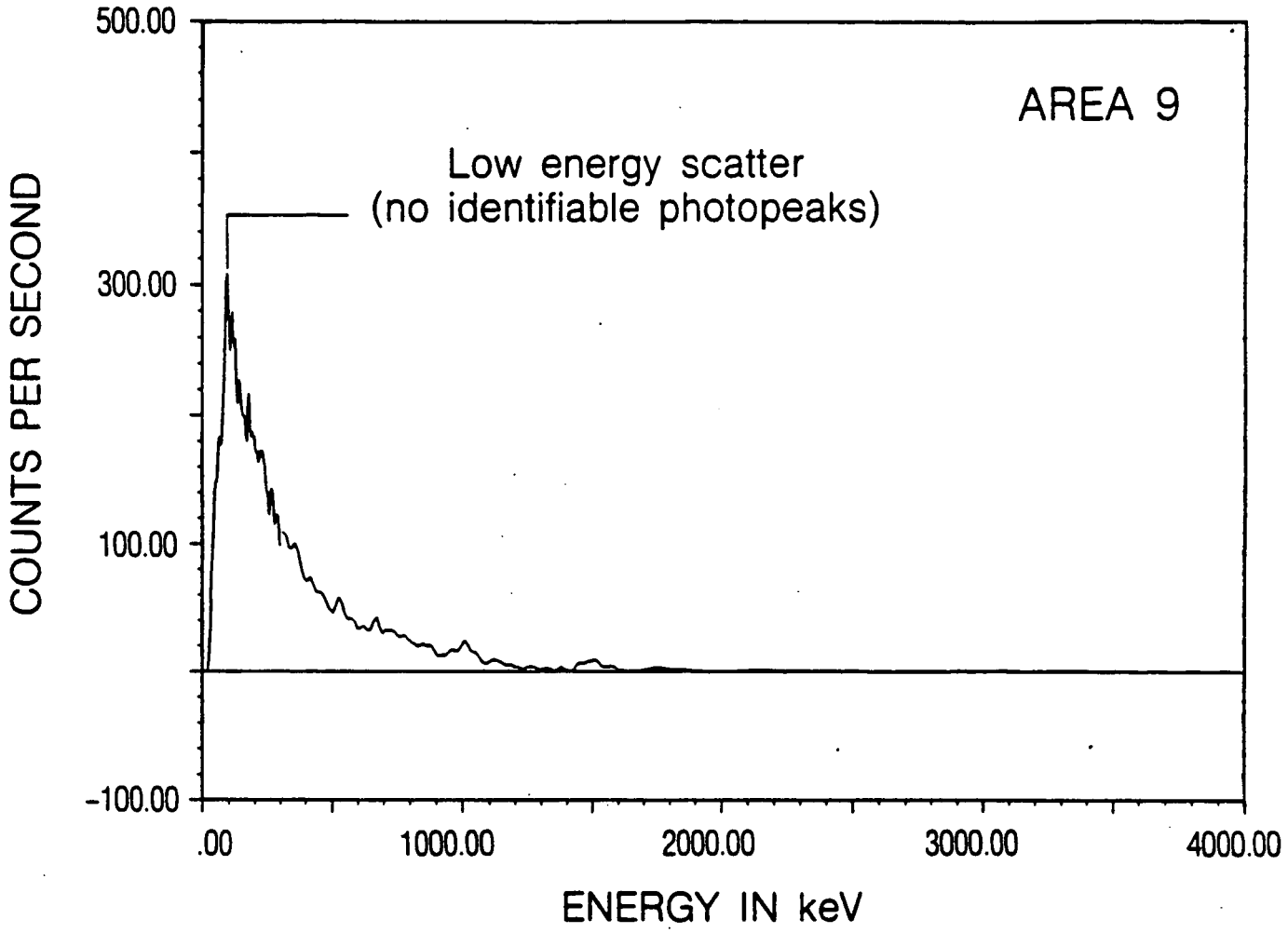

FIGURE 21. ***SPECTRAL DATA FROM AREA 9***

434/001

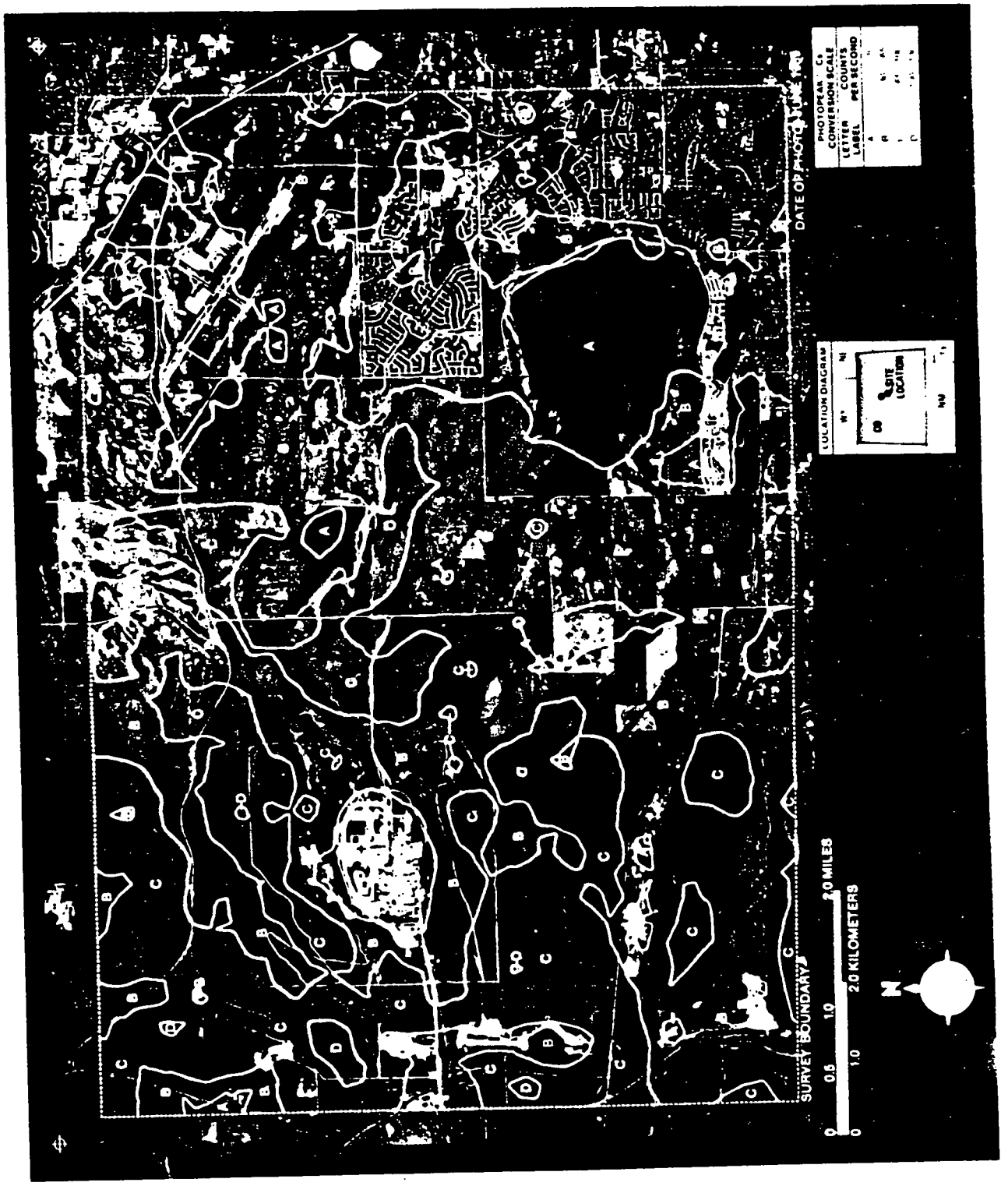

FIGURE 22. ***CESIUM-137 PHOTOPEAK COUNT RATE ISOPLETH MAP***

435|001

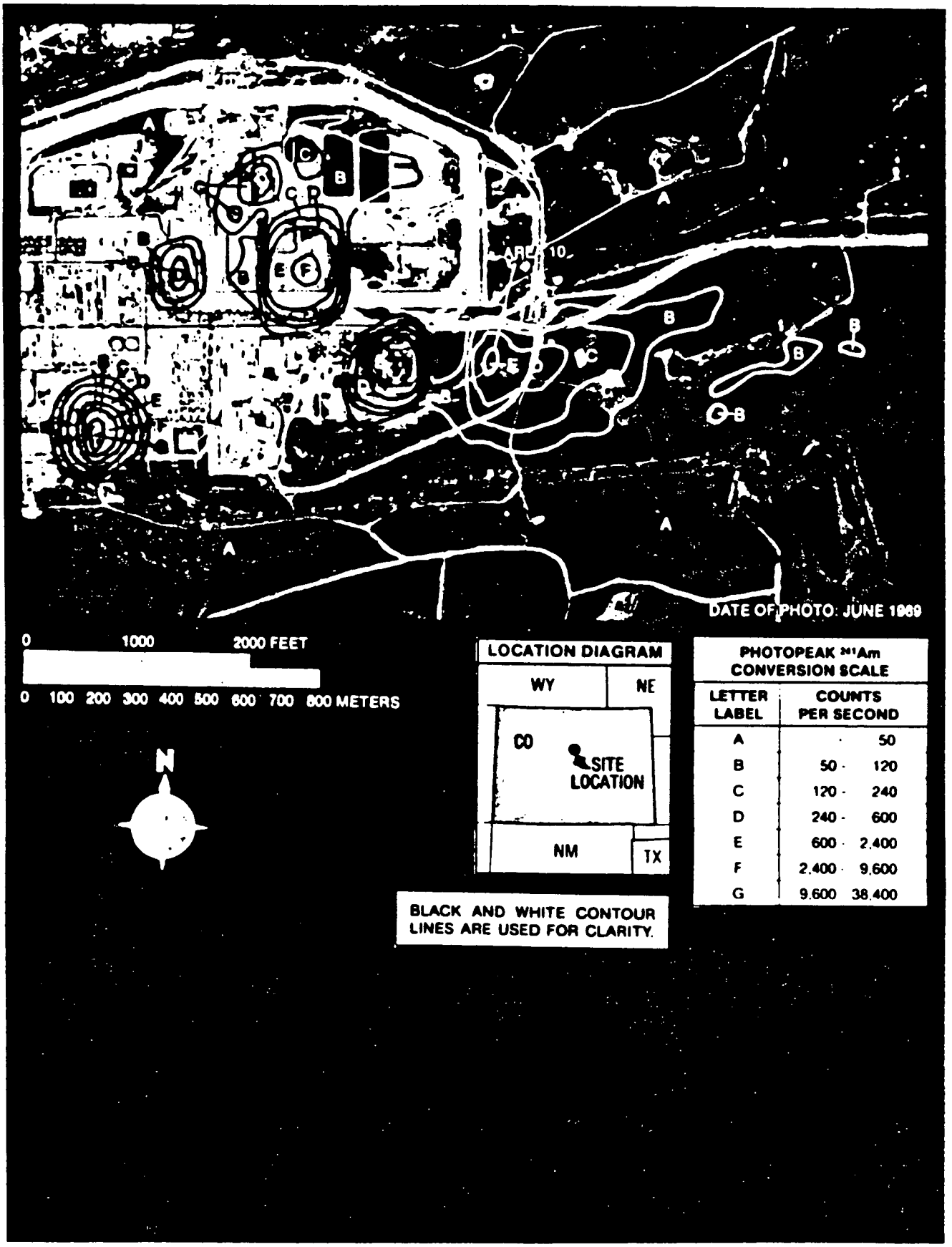

FIGURE 23. ***AMERICIUM-241 PHOTOPEAK COUNT RATE ISOPLETH MAP***

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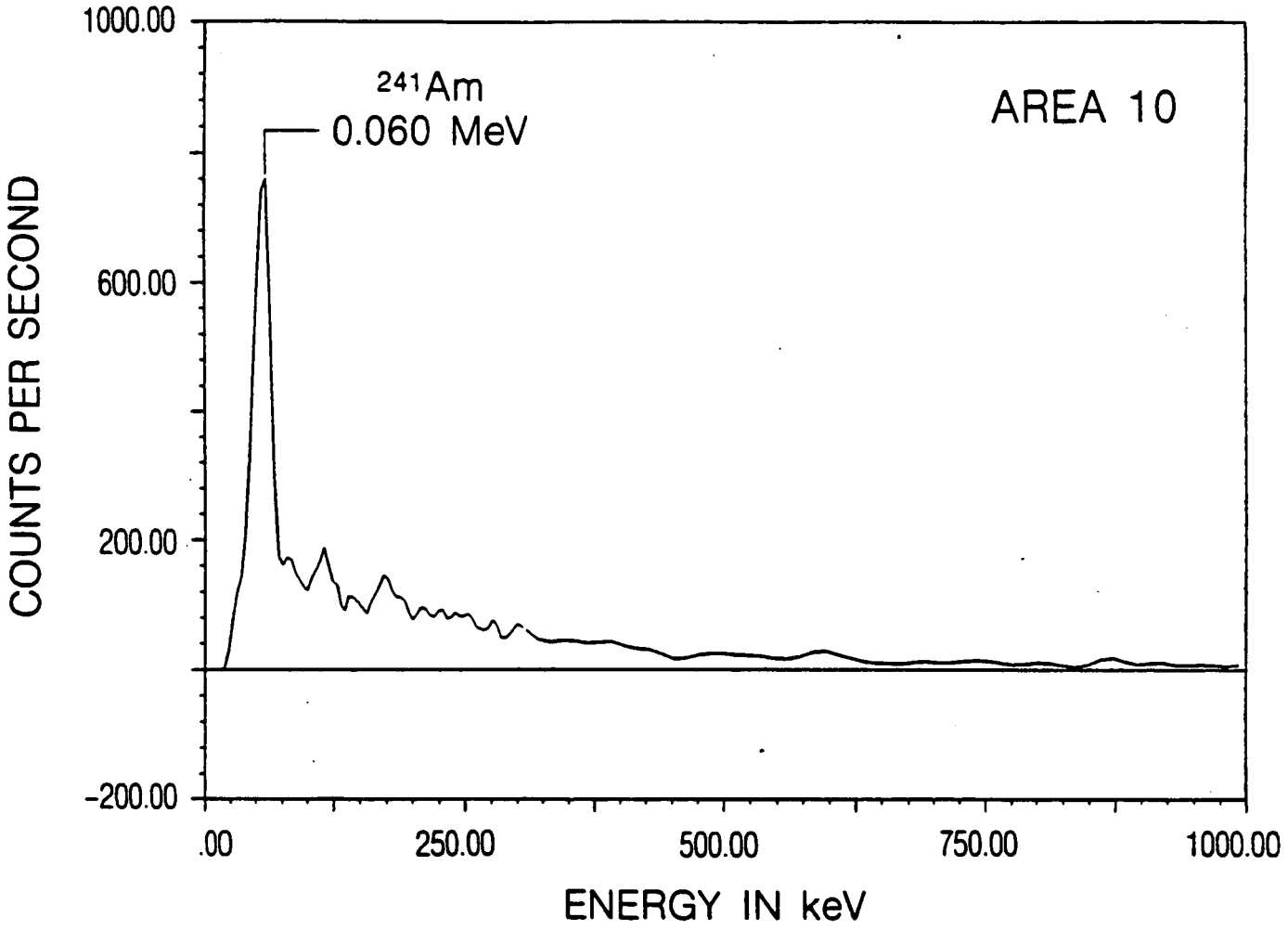

FIGURE 24. ***SPECTRAL DATA FROM AREA 10***

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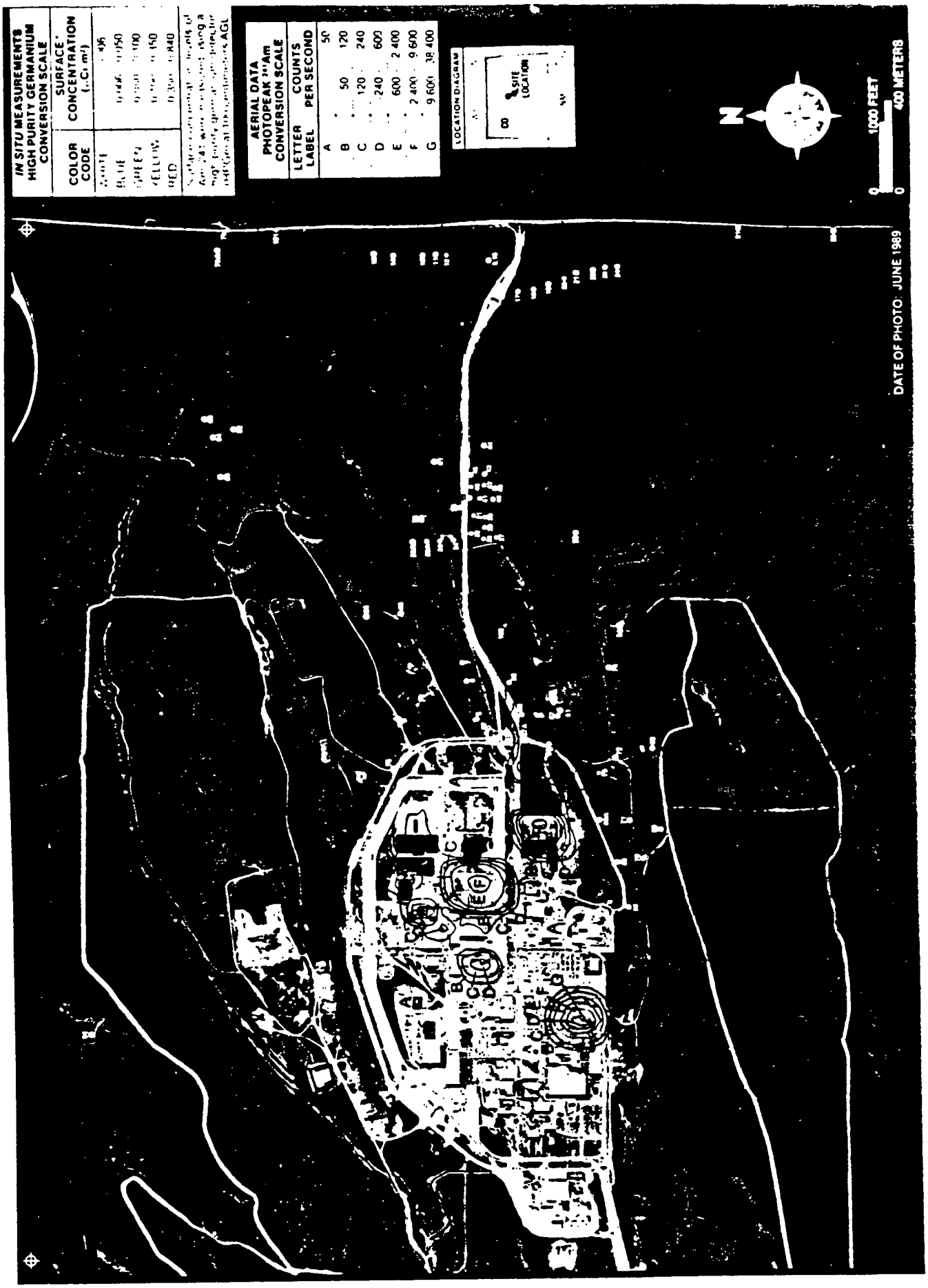

FIGURE 25. ***AMERICIUM-241 IN SITU (HPGe) DATA ACQUISITION LOCATIONS AND COLOR-CODED SURFACE CONCENTRATION VALUES SUPERIMPOSED ON THE AERIAL Am-241 DATA***

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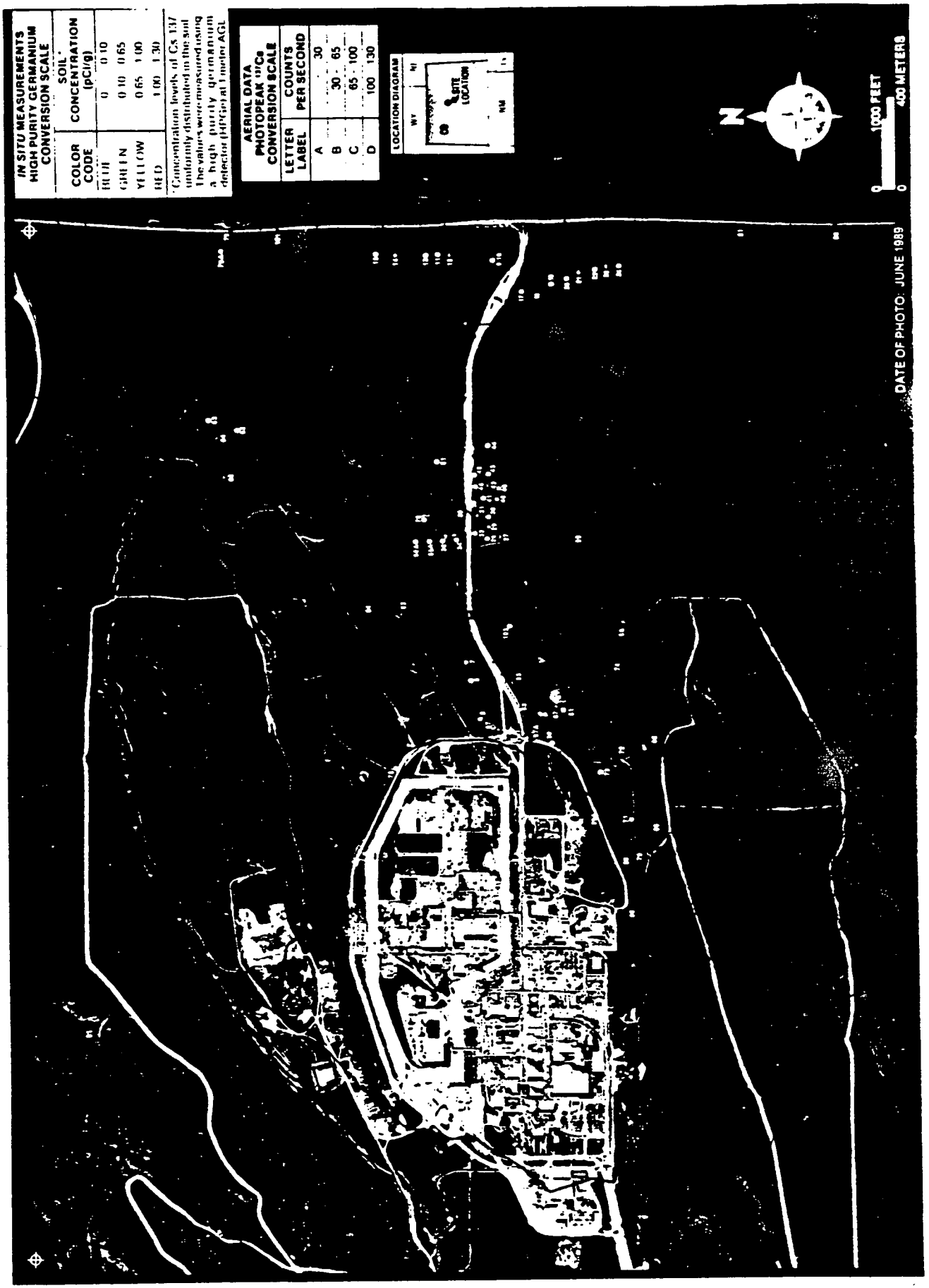

FIGURE 26. ***CESIUM-137 IN SITU (HPGe) DATA AND COLOR-CODED SURFACE CONCENTRATION VALUES FOR A UNIFORMLY DISTRIBUTED SOURCE IN THE SOIL***

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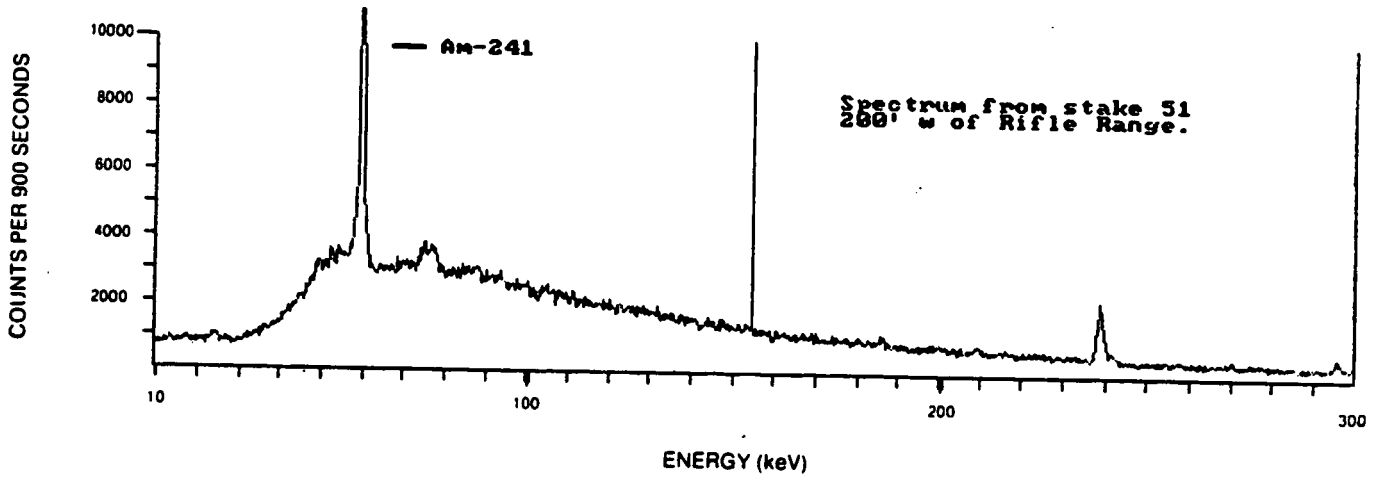

FIGURE 27. ***TYPICAL HIGH PURITY GERMANIUM SPECTRUM (0-300 keV) SHOWING THE PRESENCE OF Am-241 NEAR THE ROCKY FLATS PLANT***

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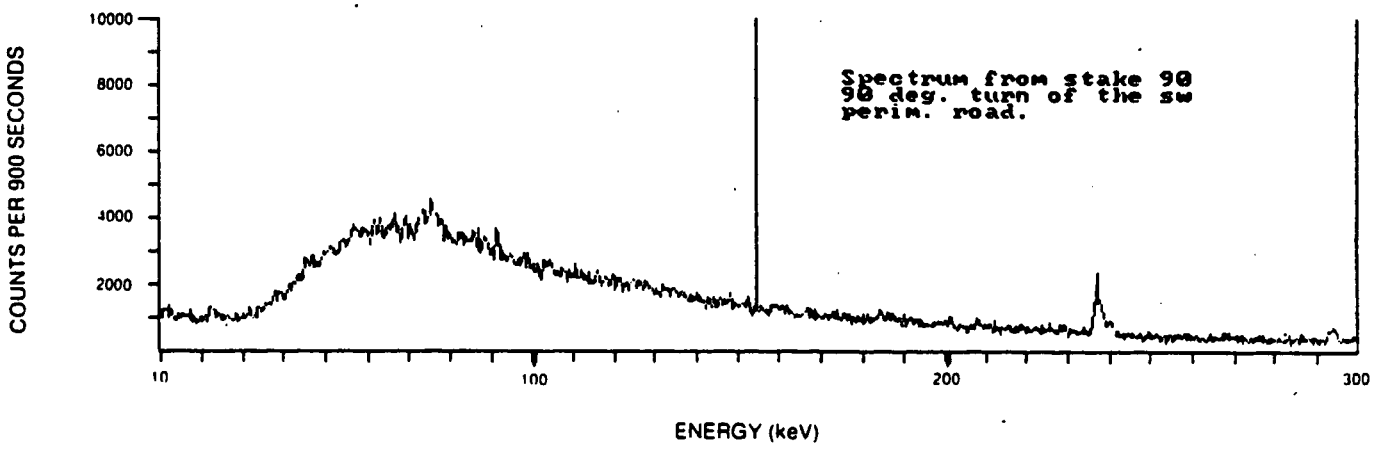

FIGURE 28. ***TYPICAL HIGH PURITY GERMANIUM SPECTRUM (0-300 keV) IN A BACKGROUND AREA***

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APPENDIX A
GROUND-BASED MEASUREMENTS

A.1.0 PHILOSOPHY OF THE MEASUREMENT OF Pu-239 IN THE ENVIRONMENT

It is virtually impossible to measure low levels of plutonium, specifically Pu-239, directly in the environment. Remote measurement of plutonium, particularly at low concentration, is impractical for techniques which rely upon detection of gamma radiation. This is because plutonium is primarily an alpha emitter and emits very few energetic gamma rays per disintegration. Direct assessments of plutonium concentration are usually performed by measuring the alpha activity or x-ray production. Direct measurements of small concentrations require laboratory analyses which employ expensive and time-consuming techniques such as chemical separation, low level counting, alpha spectroscopy, and mass spectroscopy. None of these techniques is appropriate to monitor an area as large as Rocky Flats.

Remote measurement of plutonium can only be accomplished by indirect methods. That is, one measures a radionuclide closely associated with plutonium which can be easily detected by gamma radiation emissions. Americium-241 (Am-241), which is a decay daughter of Pu-241, is such a radionuclide. Although the plutonium used in nuclear weapons is principally Pu-239, it also contains other isotopes of plutonium. Generally, it will contain between 0.5% to 1.0% Pu-241[2,3]. This ratio of Pu-241 to Pu-239 depends only upon its initial value at production and the time since production. Likewise, the quantity of Am-241 present depends only on the initial isotopic mix and the age of the plutonium since production. As the Pu-241 decays, its daughter, Am-241, "grows in." The ratios at any future time can be easily calculated from the original isotope mix and mixture age. The amount of Am-241 present is quite significant if the plutonium is more than 2 years "old," even if Am-241 were not initially present.[2] Therefore, the quantity of plutonium, specifically Pu-239, can be inferred from direct measurements of Am-241 and a known ratio of Pu-239 to Am-241.

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This ratio can be established either by experimental measurement, or it may be estimated from historical information and technical data. As previously mentioned, this is very time consuming. In the interest of timely reporting of results, the required ratios presented in this report were estimated.

Soil samples were acquired during this aerial survey to corroborate the aerial results. Preliminary results of the soil measurements are summarized in Tables A-1 and A-2. They were initially analyzed exploiting the Am-241 present, but detailed analyses to directly measure the present amount of plutonium are planned. These later analyses will better refine the Pu-239 to Am-241 ratio to be used with these aerial survey results.

The measurement of the Am-241 activity in the environment has been a reliable and relatively accurate measure of Pu-239. Although the proper ratio of Pu-239 to Am-241 cannot presently be determined, a reasonably good estimate and limits can be established. This ratio could be as high as 15, if the original material was very "young" (less than 2 years old), or it could be as low as 5, if the material is very "old" (more than 10 years old).[2] Published data for the Rocky Flats area indicate that this ratio was approximately 6 to 7 at the time of a 1969-1970 soil sampling program[3]. This sampling program also indicated that the Pu-239 was released to the environment at least 20 years ago and that the ratio of Pu-239 to Am-241 probably has not changed significantly because of its age. Therefore, the ratio should now be expected to lie between 5 and 7.

It is possible that this ratio could be perturbed by a release of plutonium containing a large initial concentration of Am-241 or a release of pure Am-241. An error of this kind would result in an overestimate of the plutonium present. The ratios observed by the soil sampling program suggest that the Am-241 is simply a product of the decay of Pu-241 due to the release of plutonium from the Rocky Flats Plant.

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A.2.0 SOIL SAMPLING AND GAMMA FLUX MEASUREMENT AT *IN SITU* SITES

A.2.1 Collection and Preparation Procedure

Soil samples were collected at each location where a measurement of the local gamma spectrum was made with the HPGe germanium detector. Each sample was taken from about 100 sq cm of surface soil to a depth of 4-5 cm. This yielded approximately 1 kg of material after drying. At some sites, an attempt was also made to gather additional profile samples to a depth of 15 cm in 5-cm increments. This was not always possible, however, as the surface soil layer is very thin in most areas around the plant, and the deeper samples tended to be coarse gravel or even a few large rocks (the rocks and gravel only have a limited ability to contain much fine-particle contamination and do not represent source distribution in the soil).

Samples were dug with a soil auger or hand shovel, placed in sealable plastic bags, and identified by spectrum ID number. They were later shipped to the EG&G Santa Barbara Laboratory in rigid cases for analysis.

Upon receipt at SBO, each sample was weighed, dried in a vented oven for 48 hours at 40° C, and reweighed. This eliminated both the varying amounts of water in each sample and the uncertain effect it would have on its gamma emission. It also gave a measure of the general soil moisture content of the area for use with the aerial data. After drying, the lumps in each sample were broken up to render a uniform mixture, and the mix was sealed in a 32-oz, widemouth polyethylene jar. The samples were then aged for three weeks before counting to allow radon daughters to "grow in" and equilibrium to be established. Excess soil was returned to its plastic sampling bag, and all data were recorded in a laboratory log book.

A.2.2 Counter Description and Calibration

The soil samples were analyzed by gamma ray spectroscopy using a two-detector, automated counter system with sample changer. This system has been completely characterized in the

publication *Low Background Ge(Li) Detector Gamma-Ray Spectroscopy System with Sample Changer*, Report No. EGG-1183-2383, Santa Barbara, CA: EG&G/EM. The system was developed to provide high efficiency counting capability for large soil samples and routine analyses for uranium, thorium, cesium-137, and potassium-40.

Basically, the mechanism of the sample changer is composed of a sample storage ring (conveyer belt) and a shielded cave containing the two Ge detectors. These detectors have horizontal cryostats which are positioned coaxially, "nose-to-nose," with enough spacing to allow a sample jar to be placed between them and rotated at 1/2 RPM. Signal pulses from the detectors are amplified, combined in a multiplexer unit, and sorted with a pulse height analyzer (PHA). At the end of a counting period, the spectral data is transferred from the PHA to a data file in the VAX mainframe computer which also controls the sample changer. These data files are later examined with a peak fitting code, and isotope concentrations are calculated from the fitted photopeak areas.

The changer system efficiency was measured using three standard source materials diluted in sand and contained in typical sample jars. The uranium and thorium standard materials (ore) were obtained from the former AEC New Brunswick Laboratory and are certified as to elemental uranium or thorium concentration by weight, and in the case of uranium, the radium to uranium ratio. The third standard was prepared by Isotope Products Laboratories in Burbank, California, and it contains 1 gram of NIST SRM-4276C, uniformly mixed in sand and sealed in the usual sample jar. This mixed isotope source contains Sb/Te-125, Eu-154, and Eu-155 and is certified as to the gamma/x-ray emission rates for the principle photons. Together, the three standards provide strong, well-defined photopeaks over the 27 keV to 2.61 MeV range. Efficiency values between the points measured with these standards are found by linear interpolation.

For the routine analysis of soil samples for U-238, Th-232, Sb-125, and Eu-154/155, simply comparing the net photopeak areas (normalized to sample mass) of the unknown to that of the

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appropriate standard is adequate to determine concentrations. All other isotopes, including Am-241 activity, must be calculated from the photopeak areas and the (usually) interpolated efficiency values.

A.2.3 Exposure Rate Measurements

In addition to soil sampling, gamma field exposure rate measurements were also made at each *in situ* site with a pressurized ion chamber (Reuter Stokes Model RSS-112). This environmental monitor readily measures background levels of gamma radiation and employs an 8-liter stainless steel sphere filled with argon gas at 25 atmospheres pressure as the sensing chamber. The chamber ionization current is measured with a high gain, dc electrometer, and the system sensitivity is 20 mv/μR/h.

Reuter Stokes calibrates the instrument using Co-60 sources and specifies the accuracy to be $\pm$5% or $\pm$0.5 μR/h, whichever is larger. It is also calibrated at SBO with an NBS-certified Ra-226 source to verify the accuracy for a gamma spectrum that is more like natural background.

However, because the sensing chamber has a thick wall that is more opaque to low energy gamma rays, the system's Roentgen response is only uniform above 100 keV; it falls quickly at lower energies. And since the only significant gamma emission from Am-241 (59.5 keV) is below the instrument's sensitive range, its readings are not a good indication of the presence of that isotope. The data only confirm the gamma background caused by cosmic radiation and naturally occurring isotopes in the soil.

A.3.0 SOIL SAMPLES AND HPGe RESULTS

The results of the soil analyses and ion chamber measurements are shown in Tables A-1 and A-2. The number range in parentheses following some *in situ* site numbers indicate profile samples at

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the approximate depth (in inches) at which they were taken. The profile samples indicate the Am-241 is exponentially distributed in the soil with a relaxation depth between 7 and 10 cm. The Cs-137 appears to be uniformly distributed in the soil. This information is very important in the selection of the appropriate conversion factors for the aerial and *in situ* data.

The error shown in the four isotopes usually assayed (U, Th, Cs, and K), reflect the high precision possible when multiple photopeaks can be evaluated, or if the peaks are intense and statistically significant, or when the presence of many calibration lines in a small energy range yields a more accurate efficiency value. The analysis for Am-241, however, is based on the area of a single photopeak at an energy where the efficiency is not as well defined, and the given error value reflects this.

The detection limit for Am-241 in these soil samples is calculated from the size of the continuum on which the 59.5 keV photopeak is superimposed. This is, of course, different for every sample, and the value shown (0.2 pCi/g) is from the worst case with a large continuum. For many samples, a smaller amount could probably be measured, but with less precision.

The final, right hand column in Table A-2 presents the exposure rate data as measured with the pressurized ion chamber (PIC).

A.4.0 SUMMARY

Comparison of the three measuring systems (soil sampling, *in situ* HPGe, and aerial) could be made in an area outside of the Rocky Flats facilities where the aerial system detected quantities of Am-241 above background levels. The ground sampling points were 50, 51, 52, 53, and 87A.

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Table A-3 shows an excellent comparison of the activity calculations (using the proper relaxation depth for the Am-241 in the soil) of the three systems. The data indicate the activity in this area is uniformly distributed horizontally and has the same relaxation depth over an area of at least 140 meters in diameter.

The Rocky Flats survey is a superb example of the proper way to respond to an environmental monitoring emergency:

1. Use the airborne monitoring system to rapidly survey and locate areas that require further investigations.
2. Use the HPGe *in situ* system to resolve the areas both quantitatively and spatially
3. Take soil samples at all sites to permanently document the areas and also provide a means of measuring lower levels of activity.

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Table A-1. Ground Measurements of Man-Made Isotopes				
	Am-241		Cs-137	
Sampling Location Number[a]	Soil Sample pCi/g ±20%	*In Situ* pCi/g[b]	Soil Sample pCi/g ±10%	*In Situ* pCi/g[c]
2	[d]	0	0.38	.38
5	4.4	2.87	2.28	1.19
6	2.6	2.16	1.56	1.09
7	2.5	2.0	2.32	1.18
9	0.55	0	0.94	.91
11	0.27	0	0.76	.81
12	0.22	0.7	0.51	1.15
13	0.27	0	0.47	1.13
14	[d]	0	0.63	1.37
15	[d]	0	0.71	.86
17	0.61	0	1.02	0.75
18	0.60	0	0.71	0.73
19	0.67	0.69	1.29	0.86
20	0.29	0	0.47	1.05
21	0.30	0	0.60	1.22
22	0.45	0	1.19	1.11
23	0.21	0	0.35	1.15
26 (0-2)	1.4	1.54	1.28	.93
(2-4)	0.34		0.30	
(4-6)	0.21		0.18	
27 (0-2)	1.7	1.68	0.85	.95
(2-4)	0.79		0.40	
(4-6)	0.55		0.31	
28 (0-2)	2.1	N/A	1.26	N/A
(2-4)	0.34		0.18	
(4-6)	0.38		0.24	
29 (0-2)	0.85	1.45	0.73	1.27
(2-4)	0.31		0.27	
(4-6)	0.22		0.20	
30 (0-2)	1.1	1.38	0.93	1.17
(2-4)	0.63		0.26	
(4-6)	0.32		0.16	

[a] (X-X) - Profile Sample Depth in inches

[b] HPGe data, assuming a relaxation depth of $\alpha = 0.10$ cm^{-1} and soil sampling depth of 4 cm

[c] HPGe data, assuming a uniform distribution in the soil

[d] At or below detection limit of 0.2 pCi/g

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Table A-1. Ground Measurements of Man-Made Isotopes (Continued)				
	Am-241		Cs-137	
Sampling Location Number[a]	Soil Sample pCi/g ±20%	*In Situ* pCi/g[b]	Soil Sample pCi/g ±10%	*In Situ* pCi/g[c]
31 (0-2)	0.82	1.36	0.93	1.17
(2-4)	0.36		0.36	
(4-6)	0.30		0.22	
32 (0-2)	0.71	1.47	0.85	1.05
(2-4)	0.42		0.50	
(4-6)	0.27		0.33	
33	[d]	N/A	0.14	N/A
34	0.23	1.18	0.40	1.15
35	0.58	N/A	1.03	N/A
36	0.65	.80	1.86	1.06
38	[d]	0	0.11	.49
39	0.34	0	0.30	.48
41	2.6	1.58	2.10	1.12
42	1.8	1.42	1.52	1.27
43	1.2	0	1.13	0.97
44	2.5	0	3.09	0.93
45	1.1	0	1.46	.82
46	1.1	.61	1.74	.94
48	1.8	0	1.33	.58
49	1.6	N/A	1.63	N/A
50	97.0	51	1.48	.77
51 (0-2)	20.0	13.3	1.09	.77
(2-4)	9.8		0.58	
(4-6)	5.3		0.32	
52	48.0	25.2	1.71	.66
53	6.8	16.1	0.41	1.26
59	3.8	2.2	1.26	.68
60	3.0	N/A	1.28	N/A
61	0.71	0	2.12	1.04
62	N/A	0	1.96	1.02
63	[d]	0	1.39	.80
64	[d]	0	0.07	.37

[a] (X-X) - Profile Sample Depth in inches

[b] HPGe data, assuming a relaxation depth of $\alpha = 0.10$ cm^{-1} and soil sampling depth of 4 cm

[c] HPGe data, assuming a uniform distribution in the soil

[d] At or below detection limit of 0.2 pCi/g

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Table A-1. Ground Measurements of Man-Made Isotopes (Concluded)				
	Am-241		Cs-137	
Sampling Location Number[a]	Soil Sample pCi/g ±20%	*In Situ* pCi/g[b]	Soil Sample pCi/g ±10%	*In Situ* pCi/g[c]
65	[d]	0	1.04	.42
68	0.40	0	1.17	.57
69	[d]	0	0.74	.60
70	[d]	0	0.30	.36
71	[d]	0	0.29	.10
72	[d]	0	0.13	.18
73 (0-1)	12.0	6.4	1.17	.75
(1-2)	7.7		0.81	
(2-3)	4.0		0.44	
74	[d]	0	0.15	.18
75	[d]	0	0.11	.09
76	1.3	0	2.88	1.01
79	1.2	0	0.13	.43
80	0.54	0	1.08	.35
81	0.44	0	0.88	.46
83	[d]	0	0.12	.14
84	N/A	0	0.32	.28
85	[d]	0	0.03	0
87	9.8	.81	1.00	.19
87A	36.0	9.8	0.35	.29
88	[d]	0	0.47	.67
89	0.62	0	1.22	.56
89A	0.70	0	1.28	.63
90	N/A	0	1.43	1.34
91	[d]	0	0.33	.42
103	1.0	5.26	2.52	0.94

[a] (X-X) - Profile Sample Depth in Inches

[b] HPGe data, assuming a relaxation depth of $\alpha = 0.10\ cm^{-1}$ and soil sampling depth of 4 cm

[c] HPGe data, assuming a uniform distribution in the soil

[d] At or below detection limit of 0.2 pCi/g

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Table A-2. Ground Measurements of Natural Isotopes and Exposure Rate				
Sampling Location Number[a]	U-238 ppm ±5%	Th-232 ppm ±5%	K-40 pCi/g ±12%	Pressurized Ion Chamber Exposure Rate at 1 m (AGL)
2	4.0	15.9	17.3	15.3
5	2.9	17.3	17.8	13.1
6	2.9	11.9	12.9	13.0
7	3.5	12.2	12.8	12.9
9	2.3	11.7	10.9	14.0
11	4.1	16.0	15.9	16.2
12	3.2	16.6	14.8	16.0
13	3.8	16.0	15.7	16.1
14	3.5	14.6	16.8	15.5
15	3.9	12.2	14.1	14.4
16	3.2	12.9	12.6	13.6
17	2.7	14.9	13.7	14.5
18	4.0	18.3	17.5	14.7
19	4.0	17.5	16.8	15.7
20	4.2	17.5	17.9	15.6
21	3.7	19.3	16.5	15.4
22	3.8	17.1	15.0	14.1
23	4.1	16.8	13.5	14.2
26 (0-2)	3.1	12.8	14.3	12.3
(2-4)	3.2	8.0	6.4	
(4-6)	1.7	7.4	4.7	
27 (0-2)	1.6	9.1	9.3	12.5
(2-4)	2.1	8.0	7.3	
(4-6)	1.6	7.8	6.5	
28 (0-2)	3.5	15.9	16.9	14.9
(2-4)	2.6	11.8	11.0	
(4-6)	2.1	10.8	9.4	
29 (0-2)	2.4	8.1	6.5	12.1
(2-4)	1.6	6.6	4.4	
(4-6)	1.2	5.6	5.1	
30 (0-2)	1.9	7.5	7.4	12.8
(2-4)	1.9	6.9	6.5	
(4-6)	2.4	8.0	8.1	
31 (0-2)	2.4	11.0	10.9	14.7
(2-4)	2.8	11.4	11.8	
(4-6)	2.4	10.2	10.4	

[a] (X-X) - Profile Sample Depth in inches

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Table A-2. Ground Measurements of Natural Isotopes and Exposure Rate (Continued)				
Sampling Location Number[a]	U-238 ppm ±5%	Th-232 ppm ±5%	K-40 pCi/g ±12%	Pressurized Ion Chamber Exposure Rate at 1 m (AGL)
32 (0-2)	1.8	8.6	8.6	13.1
(2-4)	1.8	7.6	7.8	
(4-6)	2.2	8.7	8.9	
33	2.0	7.6	11.5	11.9
34	2.1	7.4	9.6	12.2
35	2.7	9.0	10.0	12.4
36	2.2	10.5	12.1	12.2
38	2.7	14.9	17.5	15.1
39	2.1	7.9	7.2	12.0
41	2.4	14.7	15.4	13.8
42	2.8	14.8	15.6	15.2
43	2.3	11.9	15.0	14.1
44	2.8	12.9	14.6	13.9
45	3.1	17.0	19.9	15.1
46	3.1	16.5	18.7	15.5
48	2.1	10.1	11.6	12.5
49	2.1	11.2	14.7	13.6
50	4.0	21.2	21.8	16.4
51 (0-2)	3.7	15.4	16.1	14.8
(2-4)	2.7	15.1	16.8	
(4-6)	2.7	13.8	14.4	
52	2.4	15.2	21.6	13.1
53	3.3	17.1	18.5	13.1
58	N/A	N/A	N/A	14.4
59	3.2	19.9	18.4	15.8
60	3.2	17.5	15.8	15.0
61	2.6	11.7	12.7	12.6
62	3.2	16.1	18.8	15.3
63	3.7	15.7	18.5	15.4
64	3.7	18.0	13.7	14.3
65	2.8	15.2	16.7	14.3
68	2.0	11.1	16.4	14.9
69	3.0	15.5	17.8	14.8
70	2.9	16.4	15.9	15.7
71	3.2	20.0	18.9	16.9
72	2.5	12.3	16.3	14.6

[a] (X-X) - Profile Sample Depth in Inches

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Table A-2. Ground Measurements of Natural Isotopes and Exposure Rate (Concluded)				
Sampling Location Number[a]	U-238 ppm ±5%	Th-232 ppm ±5%	K-40 pCi/g ±12%	Pressurized Ion Chamber Exposure Rate at 1 m (AGL)
73 (0-1)	3.3	19.0	18.4	16.2
(1-2)	3.3	18.1	18.1	
(2-3)	3.1	16.4	15.2	
74	3.2	14.3	16.5	14.6
75	3.0	13.2	26.2	13.8
76	2.5	13.4	16.4	13.0
79	3.0	12.2	15.3	15.6
80	3.2	19.7	19.3	16.0
81	3.6	20.9	19.4	15.7
83	2.7	12.5	16.9	15.6
84	2.5	12.8	12.0	14.0
85	2.1	11.1	15.5	13.9
87	2.1	11.2	15.9	14.1
87A	1.9	11.3	16.7	13.9
88	3.5	13.7	18.2	15.2
89	3.2	16.7	17.8	16.6
89A	2.8	17.6	18.8	15.2
90	3.0	14.6	9.3	12.3
91	2.5	18.8	21.8	12.9
103	2.6	13.5	14.3	13.4

[a] (X-X) - Profile Sample Depth in inches

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Table A-3. Comparison of Results			
Ground Sampling Point Numbers	Soil Samples (pCi/g)	*In Situ* HPGe (pCi/g)*	Aerial "C" Level (pCi/g)*
50	97	51	27 - 54
51	20	13	27 - 54
52	48	25	27 - 54
53	7	16	27 - 54
87A	36	10	27 - 54

* Using a relaxation depth of 0/10 cm^{-1} and a soil sampling depth of 5 cm

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APPENDIX E

BOREHOLE LOGS

- Boring logs for wells drilled in 1989 in the OU12 area.

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STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 31.0	GROUND ELEVATION (FT):	6010.70	PROJECT NUMBER:	PZ43-89	LOG OF BORING NUMBER:
NORTH:	749940	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	TAL	P114789
EAST:	2082610	LOCATOR NUMBER: J9	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/28/89	

REMARKS: Hollow Stem Auger. Weston Log.

Sample Number	Recovery/Interval	Datum (FT)	Depth (FT)	Well or Piezometer Construction	Unified Soils Classification or Rock Type	Description
	2.00/2.00	6010	0–1.5		SC:	Gravelly Clayey Sand - mod. brown (5 YR 3/4), non-stratified. Some 1 cm. to 6 cm. quartzose gravel. F.g. to c.g. sand, sub-rounded to sub-angular. Stiff, low plasticity, dry.
PZ43890003		6009	1.5–2.5		CL:	Gravelly Sandy Clay - same as above, med. plasticity.
	1.10/2.00	6008	2.5–4		SC:	Gravelly Clayey Sand - same as above.
PZ43890007	0.80/2.00	6006	4–6		CL:	Gravelly Sandy Clay - same as above. Mod. brown (5 YR 3/4), non-stratified. 1 cm. to 3 cm. quartzose gravels. Plastic, moist. Interval from 4.5' to 4.8' wet.
	2.00/2.00	6004	6–8		SC:	Gravelly Clayey Sand - same as above (reference interval 0.0' to 2.0'). Light brown (5 YR 5/6), low plasticity, damp.
PZ43890011	1.00/2.00	6002	8–10	01/15/90 ▽	SC:	Clayey Gravelly Sand - same as above.
			9–10		ML:	Gravelly Sandy Silt - light brown (5 YR 5/6), non-stratified. Some 1 cm. to 3 cm. quartzose gravels. Trace to some f.g. to c.g. sand. Trace clay, stiff, non-plastic, dry.
					NO SAMPLE:	NO SAMPLE.

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 31.0	GROUND ELEVATION (FT): 6010.70	PROJECT NUMBER: P243-89	LOG OF BORING NUMBER:	
NORTH: 749940	AREA: PLANT	CASING DIAMETER (IN): 2-3/8 O.D.	GEOLOGIST: TAL	P114789	
EAST: 2082610	LOCATOR NUMBER: J9	BOREHOLE DIAMETER (IN): 7.25	DATE DRILLED: 09/28/89		

REMARKS: Hollow Stem Auger. Weston Log.

CHEMICAL GRADATION	SAMPLE NO.	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				8.00 /2.00	6000	10				
					5999	11				
						12			CL:	Sandy Clay - pale yellowish brown (10 YR 6/2), non-stratified. Trace to some sand, f.g. to c.g., quartzose, sub-rounded to sub-angular. Med. plasticity, firm, damp.
	P243891115 P243891214			2.00 /2.00	5998	13			SC:	Gravelly Clayey Sand - same as above (reference interval 8.0' to 8.7').
					5997	14			SC:	Gravelly Clayey Sand - same as above.
									CL:	Sandy Clay - same as above (reference interval 12.0' to 13.1').
				2.00 /2.00	5996	15			SC:	Gravelly Clayey Sand - same as above (reference interval 14.0' to 14.3') with grayish orange (10 YR 7/4), iron staining.
					5995				CL:	Gravelly Sandy Clay - same as above (reference interval 4.0' to 6.0').
						16			CL:	Gravelly Sandy Clay - same as above with trace to some iron stained silt.
	P243891519			2.00 /2.00	5994	17				
					5993		09/28/89 ▽			
						18			CL:	Gravelly Sandy Clay - same as above (reference interval 16.0' to 18.0').
				2.00 /2.00	5992	19			SC:	Gravelly Clayey Sand - same as above (reference interval 14.6' to 15.5').
					5991	20				

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 31.0	GROUND ELEVATION (FT):	6010.70	PROJECT NUMBER:	P243-89
NORTH: 749940	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	TAL
EAST: 2082610	LOCATOR NUMBER: J9	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/28/89

LOG OF BORING NUMBER: P114789

REMARKS: Hollow Stem Auger. Weston Log.

CHEMICAL GRADATION	SAMPLE NO.	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	P243B91522			2.00 /2.00	5990	20			SC:	Gravelly Clayey Sand - same as above, wet.
					5989	21			CL:	Gravelly Sandy Clay - occasionally grading to m.g. to c.g. sub-angular to sub-rounded quartzose sand, damp to moist.
	P243B92226			0.50 /2.00	5988	22			CL:	Gravelly Sandy Clay - pale yellowish brown (10 YR 6/2), non-stratified. Some f.g. to c.g. sand, quartzose, sub-rounded to sub-angular. Med. plasticity, wet.
					5987	23				
				0.00 /2.00	5986	24			NO SAMPLE	Driller indicated contact while drilling at 26.0'.
					5985	25				
				0.00 /1.00	5984	26			NO SAMPLE:	Top of Bedrock NO SAMPLE.
				0.30 /1.00	5983	27			CLAYSTONE:	Pale yellowish brown (10 YR 6/2). Non-stratified, trace sitly, plastic, wet.
				0.30 /1.00	5982	28			CLAYSTONE:	Same as above.
				0.00 /1.00	5981	29			NO SAMPLE:	NO SAMPLE.
						30				

460|601

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 31.0	GROUND ELEVATION (FT): 6010.70	PROJECT NUMBER: PZ43-89	LOG OF BORING NUMBER:	
NORTH: 749940	AREA: PLANT	CASING DIAMETER (IN): 2-3/8 O.D.	GEOLOGIST: TAL	P114789	
EAST: 2082610	LOCATOR NUMBER: J9	BOREHOLE DIAMETER (IN): 7.25	DATE DRILLED: 09/28/89		
REMARKS: Hollow Stem Auger. Weston Log.					

CHEMICAL GRADAT	SAMPLE	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
		0% 50% 100%	0% 100%			30			CLAYSTONE:	Same as above (reference interval 28.0' to 29.0'), with pale yellowish orange (10 YR 8/6) mottling.
				1.00/1.00	5980					
						31			:	TD = 31.0'
					5979	32				
					5978	33				
					5977	34				
					5976	35				
					5975	36				
					5974	37				
					5973	38				
					5972	39				
					5971	40				

461/601

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 33.6	GROUND ELEVATION (FT): 6014.10	PROJECT NUMBER: PZ50-89	LOG OF BORING NUMBER:	
NORTH: 749551	AREA: PLANT	CASING DIAMETER (IN): 2-3/8 O.D.	GEOLOGIST: TAL	P115589	
EAST: 2082658	LOCATOR NUMBER: J9	BOREHOLE DIAMETER (IN): 11.0	DATE DRILLED: 10/06/89		

REMARKS: Hollow Stem Auger. Weston Log.

SAMPLE NO.	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
		6014	0			SM:	Gravelly Silty Sand - reddish brown (5 YR 3/4), non-stratified. Some silt. 2 cm. to 4 cm. quartzose broken pebbles. F.g. to m.g., sub-rounded to sub-angular sand. Stiff, dry.
	1.30/2.00	6013	1	10/03/89 ▽		CL:	Gravelly Sandy Clay - dusty brown (5 YR 2/2), non-stratified. Silty, gravels same as 0.0' to 1.0'. Sand same as 0.0' to 1.0'. Organics (roots), med. plastic, wet.
PZ50890003						NO SAMPLE:	NO SAMPLE.
		6012	2			CL:	Gravelly Sandy Clay - same as above (reference interval 1.0' to 1.3').
	1.70/2.00	6011	3				
PZ50890006		6010	4			CL:	Gravelly Sandy Clay - pale yellowish brown (10 YR 10/6) to mod. brown (5 YR 4/4). Gravel same as above. Sand same as above. Low to med. plasticity, stiff, damp.
	2.00/2.00	6009	5				
		6008	6	01/15/90 ▽		SC:	Gravelly Clayey Sand - light olive brown (5 YR 5/6). Sand same as above. Gravel same as above. Low plasticity, stiff, damp.
	1.40/2.00	6007	7				
PZ50890603		6006	8			SC:	Gravelly Clayey Sand - light brown (5 YR 6/2), (occasionally grading to Gravelly Sandy Clay from 9.1' to 9.5'). Rest same as interval 4.0' to 6.0'.
	1.50/2.00	6005	9				
			10				

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 33.6	GROUND ELEVATION (FT):	6014.10	PROJECT NUMBER:	PZ50-89	LOG OF BORING NUMBER:	
NORTH: 749551	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	TAL	P115589	
EAST: 2082658	LOCATOR NUMBER: J9	BOREHOLE DIAMETER (IN):	11.0	DATE DRILLED:	10/06/89		

REMARKS: Hollow Stem Auger. Weston Log.

CHEMICAL OR ENGINEERING DEPTH	SAMPLE NUMBER	SAMPLE BLOW RATE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	P50895012			1.00 /2.00	6004	10			CL:	Gravelly Sandy Cloy - some as 9.1' to 9.5'.
					6003	11			SC:	Gravelly Cloyey Sand - pale yellowish orange (10 YR 8/6). Silty, with iron staining. Gravel some as above. Sand some as above. Low plasticity, damp.
									NO SAMPLE:	NO SAMPLE.
				2.00 /2.00	6002	12			SC:	Gravelly Cloyey Sand - mod. orange pink (5 YR 8/4) to light brown (5 YR 5/6). Gravels, 2" dia. to cobbles, quartzose, broken. F.g. to c.g. quartzose sand. Stiff, dense, low plasticity, damp.
					6001	13				
					6000	14			SC:	Gravelly Cloyey Sand - some as above (reference interval 12.0' to 14.0') with damp to moist.
				2.00 /2.00	5999	15				
					5998	16			CL:	Gravelly Sandy Cloy - grayish orange (10 YR 7/4) to light brown (5 YR 6/4). Gravel some as above. Sand some as above. Low plasticity, damp.
				2.00 /2.00	5997	17			CL:	Sandy Cloy - light brown (5 YR 5/6), mottled with iron staining. F.g. to c.g. quartzose sand, sub-angular to sub-rounded. Trace 2" dia. gravels. Dense, firm, med. plasticity, damp.
					5996	18			SC:	Cloyey Sand - light brown (5 YR 5/6) with yellowish gray (5 YR 7/2), mottled, some banding. Predom. F.g. to m.g., sub-angular to sub-rounded, quartzose sand. Iron staining, silty, med. plasticity.
				2.00 /2.00	5995	19			CL:	Sandy Cloy - some as above (reference interval 17.4' to 18.0'). Some banding, med. plasticity, damp.
						20				

LH 2/6/91

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 33.6	GROUND ELEVATION (FT): 6014.10	PROJECT NUMBER: PZ50-89	LOG OF BORING NUMBER:	
NORTH: 749551	AREA: PLANT	CASING DIAMETER (IN): 2-3/8 O.D.	GEOLOGIST: TAL	P115589	
EAST: 2082658	LOCATOR NUMBER: J9	BOREHOLE DIAMETER (IN): 11.0	DATE DRILLED: 10/06/89		
REMARKS: Hollow Stem Auger. Weston Log.					

CHEMICAL/GRADATION	SAMPLE NO.	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
					5994	20			SC:	Silty Clayey Sand - mod. yellowish brown (10 YR 5/6), non-stratified. M.g. to c.g., sub-rounded to sub-angular, mod. sorted. Trace 4 cm. broken quartzose gravels. Clay, low plasticity, moist.
				2.00/2.00	5993	21				
	PZ50892024				5992	22			CL:	Clay - yellowish gray (5 YR 7/2) to mod. yellowish brown (10 YR 5/6). Re-worked Claystone. Trace to some sand, same as above. Trace to some silt, iron staining, med. plasticity, moist.
				2.00/2.00	5991	23			SC:	Silty Clayey Sand - same as above (reference interval 20.0' to 21.8'), grading to Sandy Silty Clay with trace 2 cm rounded quartzose gravels. Clay same as 21.8' to 22.0' interval, wet.
					5990	24			CL:	Sandy Silty Clay - same as above (reference interval 21.8' to 22.0').
				1.00/2.00	5989	25				
	PZ50892224				5988	26			CL:	Sandy Silty Clay - same as above (reference interval 24.0' to 26.0'), with stiff to very stiff.
				1.50/2.00	5987	27				
					5986	28			CL:	Cuttings: Sandy Silty Clay - same as above (reference interval 26.0' to 28.0').
				0.00/1.00						
					5985	29			CLAYSTONE:	Top of Bedrock. Cuttings: Light olive gray (5 YR 6/1) to light brown (5 YR 5/6), mottled. Non-stratified, silty, dense, damp.
				0.00/1.00						
						30				

STATE PLANE COORDINATE:
NORTH: 748551
EAST: 2082658

TOTAL DEPTH (FT): 33.6
AREA: PLANT
LOCATOR NUMBER: J9

GROUND ELEVATION (FT): 6014.10
CASING DIAMETER (IN): 2-3/8 O.D.
BOREHOLE DIAMETER (IN): 11.0

PROJECT NUMBER: PZSD-89
GEOLOGIST: TAL
DATE DRILLED: 10/06/89

LOG OF BORING NUMBER: P115589

REMARKS: Hollow Stem Auger. Weston Log.

GRAPHIC SAMPLE	SAMPLE NUMBER	SAMPLE TYPE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	MODIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
					5984	30			CLAYSTONE:	Cuttings: Same as above (reference interval 28.0' to 30.0') with silty to very silty, trace v.f.g. to f.g. sand, damp.
				0.50 /1.50	5983	31				
					5982	32			NO SAMPLE:	NO SAMPLE.
				0.10 /2.10	5981	33				
					5980	34				TD = 33.6'
					5979	35				
					5978	36				
					5977	37				
					5976	38				
					5975	39				
					5974	40				

STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 22.0	GROUND ELEVATION (FT):	6015.30	PROJECT NUMBER:	OP01-89	LOG OF BORING NUMBER:
NORTH:	749330	AREA: PLANT	CASING DIAMETER (IN):		GEOLOGIST:	CRM	P417889
EAST:	2082655	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):		DATE DRILLED:	11/03/89	

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on 11/06/89 by J. Brown. No samples taken. WestonLog.

DEPTH (FT)	CHEMICAL OR GRADATION?	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY / INTERVAL	DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
0						6015			CL:	Gravelly Sandy Clay - mod. brown (5 YR 3/4) to dark reddish brown (10 R 3/4) Broken gravel fragments to 2 cm, sub-rounded, m g to c.g. sand, trace f g sand
1					0.70 /2.00	6014			GC:	Clayey Sandy Gravel - broken gravel fragments to 5 cm, sub-rounded to sub-angular, quartzose, unconsol, poorly sorted
									NO SAMPLE:	NO SAMPLE
2						6013			CL:	Gravelly Sandy Clay - various colors, mod brown (5 YR 3/4) to grayish red (10 R 4/2) to mod. reddish brown (10 R 4/6) Gravel to 4 cm. sub-angular to sub-rounded, quartz to granites Stiff, unconsol. Poorly sorted, m g to c g sand Mod to med. plasticity, 0 3" caliche lenses, calcareous, dry to damp.
3					1.00 /2.00	6012				
4						6011			CL:	Sandy Gravelly Clay - grades to Gravelly Sandy Clay Various colors light olive gray (5 Y 5/2) to light brown (5 YR 5/6) to dark yellowish brown (10 YR 4/2). Broken gravel fragments to 2 cm. sub-rounded to sub-angular, weathered quartzose, feldspars, granites, some iron staining, very poorly sorted Unconsol, non-stratified, sand stringers, low to med. plasticity, dry to damp
5					2.00 /2.00	6010				
6						6009			SC:	Gravelly Clayey Sand - mod yellowish brown (10 YR 5/4). Broken gravel fragments to 5 cm, quartzose, sub-rounded, m g to c g sand, dry
					0.50 /0.50				NO SAMPLE	NO SAMPLE
7					0.00 /1.50	6008				
8						6007			SC:	Gravelly Clayey Sand - dark yellowish brown (10 YR 4/2) to mod. brown (5 YR 3/4). Gravels to 3 cm, sub-rounded, weathered quartzose F g. to m g. sand, trace c g Non-stratified, poorly sorted, unconsol, low plasticity, sand stringers, some iron staining, damp
9					1.20 /2.00	6006				
10										

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 22.0	GROUND ELEVATION (FT): 6015.30	PROJECT NUMBER: OP01-89	LOG OF BORING NUMBER:	
NORTH: 748930	AREA: PLANT	CASING DIAMETER (IN):	GEOLOGIST: CMM	P417889	
EAST: 2082655	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	DATE DRILLED: 11/03/89		

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on 11/06/89 by J. Brown. No samples taken. WestonLog.

CHEMICAL GAS GRADATION	SAMPLE NUM.	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
		0% 50% 100%	0% 100%	2.00 /2.00	6005 6004	10 11			SC:	Gravelly Clayey Sand - same as above with 1 mm. to 2 mm. clayey lenses. Trace caliche.
				1.70 /2.00	6003 6002	12 13			SC:	Gravelly Clayey Sand - same as above.
				1.60 /2.00	6001 6000	14 15			CL:	Gravelly Sandy Clay - dark yellowish brown (10 YR 4/2) to mod. brown (5 YR 3/4) to light brown (5 HR 5/6). Broken gravel fragments to 4 cm., sub-angular, quartzose. F.g. to m.g. sand, some c.g., poorly sorted. Unconsol., mod. stiff, mod. plasticity, sand stringers, trace iron staining, moist.
				2.00 /2.00	5999 5998	16 17			CL:	Gravelly Sandy Clay - same as above with c.g. sand lense from 17.9' to 18.0', saturated, highly weathered.
				1.60 /2.00	5997 5996	18 19 20			SP:	Gravelly Sand - gravels to 2 cm., sub-rounded, m.g. to v.c.g. sand. Trace clay, mod. well sorted, unconsol., non to low plasticity, saturated.

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 22.0	GROUND ELEVATION (FT): 6015.30	PROJECT NUMBER: 0P01-89	LOG OF BORING NUMBER
NORTH: 749930	AREA: PLANT	CASING DIAMETER (IN):	GEOLOGIST: DM	P417889
EAST: 2082655	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	DATE DRILLED: 11/03/89	

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on 11/06/89 by J. Brown. No samples taken. WestonLog.

DEPTH (FEET)	CHEMICAL AND/OR GRADATIONAL	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				100%	2.00 /2.00	5995	20			SP	Gravelly Sand - same as above.
						5994	21				
						5993	22			CLAYSTONE	Top of Bedrock. Light olive gray (5 Y 5/2), stiff, med. plasticity, well compacted, trace carbon blebs, moist.
						5992	23				TD = 22.0'
						5991	24				
						5990	25				
						5989	26				
						5988	27				
						5987	28				
						5986	29				
							30				

STATE PLANE COORDINATE:
NORTH: 745206
EAST: 2082382

TOTAL DEPTH (FT): 30.0
AREA: PLANT
LOCATOR NUMBER: I8

GROUND ELEVATION (FT): 6027.80
CASING DIAMETER (IN): 2-3/8 O.D.
BOREHOLE DIAMETER (IN): 7.25

PROJECT NUMBER: PZ62-89
GEOLOGIST: SPC
DATE DRILLED: 09/18/89

LOG OF BORING NUMBER: P416789

REMARKS: Hollow Stem Auger. Weston Log.

ELEVATION (FT)	DEPTH (FT)	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
6027	0							SM:	Gravelly Silty Sand - light brown (5 YR 5/6), dusky brown (5 YR 2/2), non-stratified. F.g. to v.c.g. sand. 1 cm. to 3 cm. gravel. Some clay. Poor sorting, sub-angular, quartzose. Low plasticity, dense, moist.
6026	1				0.80 /2.00				
6025	2							SM:	Gravelly Silty Sand - same as above.
6024	3				1.20 /2.00			CL:	Gravelly Sandy Clay - mod. reddish brown (10 R 4/6), mod. brown (5 YR 4/4), dark yellowish orange (10 YR 6/6), non-stratified. F.g. to v.c.g. sand. 1 cm. to 3 cm. gravel, some silt, poor sorting, sub-angular, quartzose. Low plasticity, iron oxide staining, calcareous, very stiff, moist to damp.
								NO SAMPLE:	NO SAMPLE.
6023	4				1.60 /2.00			SC:	Gravelly Cloyey Sand - same as above.
6022	5					09/18/89 ▽			
6021	6				0.40 /0.50			SC:	Gravelly Cloyey Sand - pinkish gray (5 YR 8/1). Cobbles, very calcareous, no iron oxide staining, moist to wet.
					0.00 /0.50			NO SAMPLE:	NO SAMPLE.
6020	7				1.00 /1.00			SC:	Gravelly Silty Sand - same as above. Light brown (5 YR 5/6), dark yellowish orange (10 YR 6/6), slightly calcareous, trace iron oxide staining, moist.
6019	8				0.00 /1.00			NO SAMPLE:	NO SAMPLE.
6018	9				1.00 /1.00			SM:	Gravelly Silty Sand - yellowish gray (5 Y 7/2). F.g. to v.c.g. sand. 1 cm to 5 cm. gravel. Trace cobbles. Some clay. Poor sorting, sub-angular, quartzose. Low plasticity, very calcareous, weakly cemented, dense to med dense, moist.
6017	10								

4691

STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 30.0	GROUND ELEVATION (FT):	6027.80	PROJECT NUMBER:	PZ62-89	LOG OF BORING NUMBER:
NORTH:	748206	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	SPC	P416789
EAST:	2082382	LOCATOR NUMBER: I8	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/18/89	

REMARKS: Hollow Stem Auger. Weston Log.

SAMPLE NO.	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
PZ62891012	1.50/1.50	6017	10–11	SM:	Gravelly Silty Sand - same as above. Varicolored, yellowish gray (5 Y 7/2), pale reddish brown (10 R 5/4), dark yellowish orange (10 YR 6/6), granite.
	0.00/1.00	6016	12	NO SAMPLE:	NO SAMPLE.
	1.20/1.50	6015, 6014	13	SM:	Gravelly Silty Sand - same as above. Light brown (5 YR 6/4), dark yellowish orange (10 YR 6/6), yellowish gray (5 Y 7/2), iron oxide staining, slightly calcareous, low to no plasticity, dense, damp.
PZ62891217	1.50/2.00	6013, 6012	14–15	SM:	Gravelly Silty Sand - same as above, increasing calcareous.
	1.70/2.00	6011, 6010	16–17	SM:	Gravelly Silty Sand - same as above. Mod. reddish orange (10 R 6/6), dark yellowish orange (10 YR 6/6), grayish yellow (5 Y 8/4), yellowish gray (5 Y 7/2) Sandstone and quartzose.
			17	CL:	Sandy Clay - banded, light brown (5 YR 5/6), dark yellowish orange (10 YR 6/6), yellowish gray (5 Y 7/2), non-stratified. F.g. to m.g. sand, mod. sorting, sub-rounded, quartzose. Low to med. plasticity, iron oxide staining, calcareous, very stiff, damp.
			18	NO SAMPLE:	NO SAMPLE.
				CL:	Sandy Clay - same as above, inclusions of Claystone.
PZ62891720	2.00/2.00	6009, 6008	19–20	ML:	Clayey Sandy Silt - light brown (5 YR 5/6), yellowish dark orange (10 YR 6/6), yellowish gray (5 Y 7/2). V.f.g. to f.g. sand, mod. sorting, sub-rounded. Low to med. plasticity, med. dense, damp.
				CL:	Sandy Clay - same as above (reference interval 18.0' to 19.0').

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STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 30.0	GROUND ELEVATION (FT):	6027.80	PROJECT NUMBER:	PZ62-89	LOG OF BORING NUMBER:
NORTH:	748206	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	SPC	P416789
EAST:	2082382	LOCATOR NUMBER: DB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/18/89	

REMARKS: Hollow Stem Auger. Weston Log.

DEPTH	SAMPLE NO.	PERCENT RECOVERY	RECOVERY/ INTERVAL	ELEVATION/ DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	USCS/ROCK TYPE	DESCRIPTION
				20			CL:	Sandy Clay - same as above. Yellowish gray (5 Y 7/2), pale red (5 R 6/2), light brown (5 YR 5/6), mottled to banded to lensed, gradationally from Silty Clay to very Sandy Clay with less than 1 cm. lenses of very Cloyey Sand.
	PZ62892022		2.00 /2.00	21				
				22			SC:	Cloyey Sand - light brown (5 YR 5/6), color same as interval 20.0' to 22.0', non-stratified. F.g. to c.g. sand, some silt, mod. poor sorting, sub-rounded to sub-angular quartzose. Iron oxide stained, low to no plasticity, dense, damp
			2.00 /2.00	23			SC:	Cloyey Sand - mottled colors as 20.0' to 22.0'. F.g. to v.c.g. sand, 1 cm. to 5 cm. gravels from 22.8' to 24.0', some silt, poor sorting, sub-angular to sub-rounded, quartzose and granite. Low to no plasticity, iron oxide staining, calcareous, dense, damp.
				24			SM:	Gravelly Silty Sand - colors as above. Trace clay, quartzose, no plasticity, wet to moist.
			2.00 /2.00	25				
				26	01/16/90 ▽		SM:	Gravelly Silty Sand - same as above, wet.
				27			CLAYSTONE:	Top of Bedrock. Light olive gray (5 Y 6/1), med. light gray (N 6/0), blocky. Trace sand, some silt, some iron oxide staining, med. plasticity, weathered, med. hard, damp.
			2.00 /2.00	28				
	PZ62892030			29			CLAYSTONE:	Same as above - mottled, dusky yellow (5 Y 6/4), light gray (N 7/0), dark yellowish orange (10 YR 6/6). Some silt to silty. TD = 30.0'
				30				

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 39.7	GROUND ELEVATION (FT):	6051.70	PROJECT NUMBER:	P255-89
NORTH: 748605	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	MWE
EAST: 2080720	LOCATOR NUMBER: 88	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	06/21/89

LOG OF BORING NUMBER

P416089

REMARKS: Hollow Stem Auger. Weston Log.

UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
GM:	Silty Sand and Gravel - some organic clay, grayish brown (5 YR 3/2), quartzose. Some pebbles, very poorly sorted. Grass, roots, damp.
GM:	Silty Sand and Gravel - mod. brown (5 YR 3/4). Angular to sub-angular, quartzose. Some clay. Some pebbles, very poorly sorted. Moist.
GM:	Silty Sand and Gravel - same as above. Dark yellowish orange (10 YR 6/6), damp. Trace clay.
GM	Silty Sand and Gravel - same as above.
CL:	Sandy Silty Clay - light brown (5 YR 5/6). Firm, mod. to very plastic, fining downward, moist.
SC:	Silty Clayey Sand - Light brown (5 YR 5/6), c.g. Trace gravel, angular, increased sand content.
SC:	Silty Clayey Sand - same as above. M.g. to f.g. sand. One cobble.
SC:	Silty Clayey Sand - same as above. Light brown (5 YR 5/6) with white (N 9/0) mottling, wet.

4721601

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 39.7	GROUND ELEVATION (FT):	6051.70	PROJECT NUMBER:	P255-89	LOG OF BORING NUMBER:	
NORTH: 7496.05	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	MJE		P416089
EAST: 2080720	LOCATION NUMBER: MB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	06/21/89		

REMARKS: Hollow Stem Auger. Weston Log.

DEPTH (FT)	SAMPLE NUMBER	CHEMICAL/GRADATION	SAMPLE TYPE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	USCS OR ROCK TYPE	DESCRIPTION
10			SS		1.00 /2.00	6041			GC:	Silty Clayey Sand and Gravel - light brown (5 YR 5/6) mottled with white (N 9/0) and light olive (10 YR 6/2). Angular, loose, some pebbles, moist.
11										
12					1.70 /2.00	6040				
13						6039				
14					2.00 /2.00	6038			GC:	Silty Clayey Sand and Gravel - same as above.
15						6037				
16					1.10 /2.00	6036			GC:	Silty Clayey Sand and Gravel - same as above.
17						6035				
18					1.50 /2.00	6034			GC:	Silty Clayey Sand and Gravel - same as above. Some pebbles.
19						6033				
20						6032			GC:	Silty Clayey Sand and Gravel - same as above. Trace cobbles.

STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 39.7	GROUND ELEVATION (FT):	6051.70	PROJECT NUMBER:	P255-89	LOG OF BORING NUMBER:
NORTH:	746605	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	MAE	P416089
EAST:	2080720	LOCATOR NUMBER: HB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	06/21/89	

REMARKS: Hollow Stem Auger. Weston Log.

CHEMICAL / RADIATION DEPTH	SAMPLE NUM	SAMPLE TYPE	PERCENT RECOVERY	RECOVERY / INTERVAL	DATUM (FT) / DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	MODIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				1.20 /1.50	6051				
				0.00 /0.50	6050			NO SAMPLE:	NO SAMPLE.
				1.70 /2.00	6049			GC:	Silty Clayey Sand and Gravel - same as above.
				2.00 /2.00	6048			GC:	Silty Clayey Sand and Gravel - same as above.
				1.90 /2.00	6047			GC:	Silty Clayey Sand and Gravel - same as above.
					6046			SC:	Clayey Silty Sand - light brown (5 YR 5/6). M.g. to F.g. Trace gravel, sub-angular, plastic, moist.
					6045			NO SAMPLE:	NO SAMPLE.
				1.70 /2.00	6044			SC:	Clayey Sand - Light brown (5 YR 5/6). Some silt. Some gravel, plastic, moist.
					6043			GC:	Sand and Gravel - light brown (5 YR 5/6). Some silt, some clay, moist. (gc-sc)
					6042			NO SAMPLE:	NO SAMPLE.
								GC:	Sandy Clayey Gravel and Pebbles. Light brown (5 YR 5/6). Subangular, wet.

STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 39.7	GROUND ELEVATION (FT):	6051.70	PROJECT NUMBER:	PZ55-89	LOG OF BORING NUMBER
NORTH:	748605	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	MAE	P416089
EAST:	2080720	LOCATOR NUMBER: HB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	06/21/89	

REMARKS: Hollow Stem Auger. Weston Log.

STRATIGRAPHIC BOUNDARIES	SAMPLE NO.	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				1.20 /2.00	6021				
				0.60 /2.00	6019			GC	Sandy Cloyey Gravel and Pebbles - same as above.
				2.00 /2.00	6017			SANDY CLAYSTONE	Top of Bedrock Silty Sandy Claystone - dark yellowish orange (10 YR 6/6) and pale yellowish brown (10 YR 6/2). F.g. sand, black mineralized flecks, firm, moist.
				2.00 /2.00	6015			SANDY CLAYSTONE	Silty Sandy Claystone - dark yellowish orange (10 YR 6/2) Firm, black mineralization flecks, moist.
				0.00 /2.00	6013			SANDY CLAYSTONE	Silty Sandy Claystone - same as above
					6012			NO SAMPLE	NO SAMPLE.
									TD = 39.7'

STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 34.0	GROUND ELEVATION (FT):	6045.60	PROJECT NUMBER:	PZ56-89	LOG OF BORING NUMBER:
NORTH:	746606	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	WAH	P416189
EAST:	2081120	LOCATION NUMBER: HB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/06/89	

REMARKS: Hollow Stem Auger. Weston Log.

GRAPHIC GRADATION	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
					0				Asphalt.
				0.80 /1.00	6045			ML	Silt - dark yellow brown (10 YR 4/2), unstratified. Some f.g. sand, trace fine gravel (0.2 cm. to 1.0 cm.), mod sorted, sub-angular, micaceous. Soft, damp.
					1			NO SAMPLE	NO SAMPLE.
	PZ56890000			1.00 /2.00	6044			SW	Gravelly Sand - grayish brown (5 YR 3/2). F.g. to c.g. sand, some silt, poorly sorted. Gravel angular (0.2 cm. to 9.5 cm.), quartzose. Stiff, damp.
					2				
					3				
				0.00 /1.00	6042			NO SAMPLE	NO SAMPLE.
					4				
	PZ56890016			0.70 /0.90	6041			SW	Gravelly Silty Sand - mod. brown (5 YR 4/4), unstratified, poorly sorted. Gravel 0.2 cm. to 2.5 cm., angular, quartzose. Firm, dry. Note: Core barrel was very hot. High reading could be the result of water vapor.
					5			NO SAMPLE	NO SAMPLE.
				2.00 /3.50	6040			CL	Gravelly Silty Clay - grayish orange (10 YR 7/4). Some f.g to c.g. sand, poorly sorted. Gravel 0.2 cm. to 8.0 cm., quartzose, angular. Stiff, dry.
					6				
	PZ56890018				7				
					8				
					9				
				1.90 /2.00	6037			SM	Gravelly Silty Sand - mod. brown (5 YR 4/4). Trace clay, poorly sorted. Gravel angular, quartzose 0.2 cm. to 4.0 cm. Dry.
	PZ56890011				6036				
					10				

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 34.0	GROUND ELEVATION (FT):	6045.60	PROJECT NUMBER:	PZ56-89
NORTH: 748606	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	WWH
EAST: 2081120	LOCATOR NUMBER: HB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	89/06/89

REMARKS: Hollow Stem Auger. Weston Log.

LOG OF BORING NUMBER: P416189

SAMPLE	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	1.50 /1.50	6035	10	01/16/90	SM:	Gravelly Silty Sand - light brown (5 YR 5/6), unstratified, poorly sorted. Gravel 0.2 cm. to 3.0 cm., angular, quartzose. Dry.
	0.30 /0.30	6034	11		SM:	Gravelly Silty Sand - same as above.
	0.00 /0.20				NO SAMPLE:	NO SAMPLE.
PZ56891115	1.20 /2.00	6033	12		ML:	Gravelly Sandy Silt - mod. brown (5 YR 4/4). Trace clay, poorly sorted. Gravel angular, 0.2 cm. to 4.0 cm., quartzose and mafic. Moist.
		6032	13			
	1.00 /2.00	6031	14		ML:	Sandy Silt - light brown (5 YR 5/6), unstratified. Some gravel, poorly sorted. Gravel angular, 0.2 cm. to 6.0 cm. mafic. Stiff to very stiff, dry.
		6030	15			
PZ56891619	1.10 /2.00	6029	16		ML:	Sandy Silt - mod. brown (5 YR 4/4). Some gravel. Trace clay. F.g. to c.g. sand, poorly sorted. Gravel sub-rounded to angular, 0.2 cm. to 5.0 cm., micaceous, quartzose. Mafics, damp.
		6028	17			
	2.00 /2.00	6027	18		ML:	Sandy Silt - same as above. Some clay.
		6026	19		ML:	Silt - same as above. Gravel.
			20			

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STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 34.0	GROUND ELEVATION (FT):	6045.60	PROJECT NUMBER:	PZ56-89	LOG OF BORING NUMBER:
NORTH:	746606	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	WLH	P416189
EAST:	2081120	LOCATOR NUMBER: H8	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/06/89	

REMARKS: Hollow Stem Auger. Weston Log.

STRATIGRAPHIC BOUNDARIES	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
					6025	20			ML:	Sandy Silt - same as above.
	P5685923			1.20 /2.00	6024	21				
						22			ML:	Sandy Silt - same as above.
				2.00 /2.00	6023	23				
					6022	24	09/06/89 ▽		ML:	Sandy Silt - light brown (5 YR 5/6). Some gravel, trace clay, poorly sorted. Gravel angular to sub-rounded, quartzose and unknown mafic, 0.2 cm. to 6.0 cm. Wet.
	P5685927			2.00 /2.00	6021	25				
					6020	26			ML:	Sandy Silt - same as above. Abundt. c.g. sand to 0.5 cm. Gravel better sorted. Increase in percentage of clay to some clay.
				1.50 /2.00	6019	27				
	P5685928				6018	28			GM:	Silty Gravel - light brown (5 YR 5/6). Some f.g. to c.g. sand, poorly sorted. Gravel sub-angular to well rounded, 0.2 cm. to 9.0 cm., quartzose and mafic. Very firm, wet.
				0.50 /1.00	6017				CL:	Gravelly Clay - med. gray (N 6/0) to olive gray (5 YR 4/1). Gravel full range of roundness, 0.2 cm. to 1.0 cm., mafics and quartzose. Stiff, wet.
						29			CLAYSTONE:	Top of Bedrock. Same as above - no gravel. Mottling slight, very tight, wet.
				1.40 /1.00	6016				NO SAMPLE:	NO SAMPLE.
						30				

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STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 34.0	GROUND ELEVATION (FT):	6045.60	PROJECT NUMBER:	PZ56-89
NORTH: 748606	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	WWH
EAST: [illegible]31120	LOCATOR NUMBER: HB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/06/89

REMARKS: Hollow Stem Auger. Weston Log.

LOG OF BORING NUMBER: P416189

CHEMICAL GRADATION	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	PZ56892S04			2.00 /2.00	6015, 6014	30, 31			CLAYSTONE	Same as above.
				2.00 /2.00	6013, 6012	32, 33			CLAYSTONE:	Same as above.
					6011, 6010, 6009, 6008, 6007, 6006	34, 35, 36, 37, 38, 39, 40			:	TD = 34.0'

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STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 43.0	GROUND ELEVATION (FT):	6038.6	PROJECT NUMBER:	EMAD
NORTH: 748598	AREA: PLANT	CASING DIAMETER (IN):	2 3/8 O.D.	GEOLOGIST:	FG
EAST: 2081555	LOCATOR NUMBER: IB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/20/89

REMARKS: Hollow Stem Auger. ASI Log.

LOG OF BORING NUMBER: P416289

CHEMICAL DEPTH / SAMPLE DEPTH	SAMPLE NO.	SAMPLE GRAIN SIZE (0% 50% 100%)	PERCENT RECOVERY (0% 100%)	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				1.00/2.00	6038, 6037	0–2			GM:	Gravel - with grayish brown (5 YR 3/2) matrix of sand and silt. Gravel well graded, max. pebble size 2 in. Dom. lithology quartzite and quartz, some feldspar, sub-angular. Matrix organic silt with sand. Very weathered - Sand well graded. Pred. quartzite, abundt. black minerals, trace mica. >60% gravel, <30% sand, 10% fines.
				1.00/2.00	6036, 6035	2–4			GM:	Poorly Graded Gravel - pred. large pebbles to 2-1/2 in. across, sub-angular and sub-rounded. Matrix color varies from mod. brown (5 YR 4/4) to light brown (5 YR 5/6). Dom. lithology of gravel, same as above. Heavy hematite staining, interval well weathered. >60% gravel, <30% sand, 10% fines.
				1.20/2.00	6034, 6033	4–6			GM:	Same as above. Max. pebble size 2-1/2 in., angular to sub-angular. Some carbonaceous material. >60% gravel, >30% sand, 10% fines.
				1.00/2.00	6032, 6031	6–8			GW:	Well Graded Gravel - mod. brown (5 YR 4/4). One 2 in. pebble, avg. size 3/4 in. or less, sub-angular. Dom. lithology quartzite. Sand well graded, sub-angular. Pred. quartzose, well weathered. Fe staining. >50% gravel, >45% sand, <5% fines.
				0.50/2.00	6030, 6029	8–10			SW:	Well Graded Sand - Mod. yellowish brown (10 YR 5/4) to dark yellowish orange (10 YR 6/6), with gravel. Max. pebble size 1 in. Sand sub-rounded, pred. quartzose. Gravel pred. quartzite, sub-angular, well graded. Fe staining, interval well weathered. 25% gravel, 73% sand, 2% fines.

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STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 43.0	GROUND ELEVATION (FT):	6038.6	PROJECT NUMBER:	EMAD
NORTH: 748598	AREA: PLANT	CASING DIAMETER (IN):	2 3/8 O.D.	GEOLOGIST:	FG
EAST: 2081555	LOCATOR NUMBER: IB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/20/89

REMARKS: Hollow Stem Auger. ASI Log.

LOG OF BORING NUMBER

P416289

DEPTH (FT)	SAMPLE	RECOVERY/INTERVAL	DATUM (FT)	WELL OR PIEZOMETER CONSTRUCTION	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
10–12	P2589014	1.00/2.00	6028, 6027		SW:	Well Graded Sand - some as above. One large pebble (2-3/4 in.) at top of interval. Color pred. dark yellowish orange (10 YR 6/6). Sand quartzose, some feldspar, sub-angular to sub-rounded. Gravel pred. quartzite, sub-angular. Fe staining, well weathered. 20% gravel, >75% sand, <5% fines.
12–14		1.20/2.00	6026, 6025	01/16/90	SW:	Well Graded Sand, same as above, with larger gravel pebble sizes (to 2-1/4 in.) and more gravel. Some weathered feldspar clast near bottom. Fe staining. Well weathered. 30% gravel, >65% sand, <5% fines.
14–16	P2589141	1.10/2.00	6024, 6023		SW:	Well Graded Sand - Same as above, except one 3" pebble. Rest approx. 1/2 in. in size. Fe staining. Well weathered. 20% gravel, 75% sand, 5% fines.
16–18	P2589161	1.40/2.00	6022, 6021		SW:	Well Graded Sand - Same as above. Slight color change to pred. light brown (5 YR 5/6), also, less gravel. Fe staining, low plasticity. Well weathered. 15% gravel, 80% sand, 5% fines.
18–20		0.50/2.00	6020, 6019		SW:	Well Graded Sand - grayish orange (10 YR 7/4). One large pebble (2-1/2 in. quartzite) at top of sample. Rest of gravel fraction poorly graded, sub-angular to sub-rounded, approx. 1/2 in. in size. Dom. lithology quartzite and some quartz. Sand pred. quartzose, sub-rounded. Well weathered. >10% gravel, >85% sand, 5%<fines.

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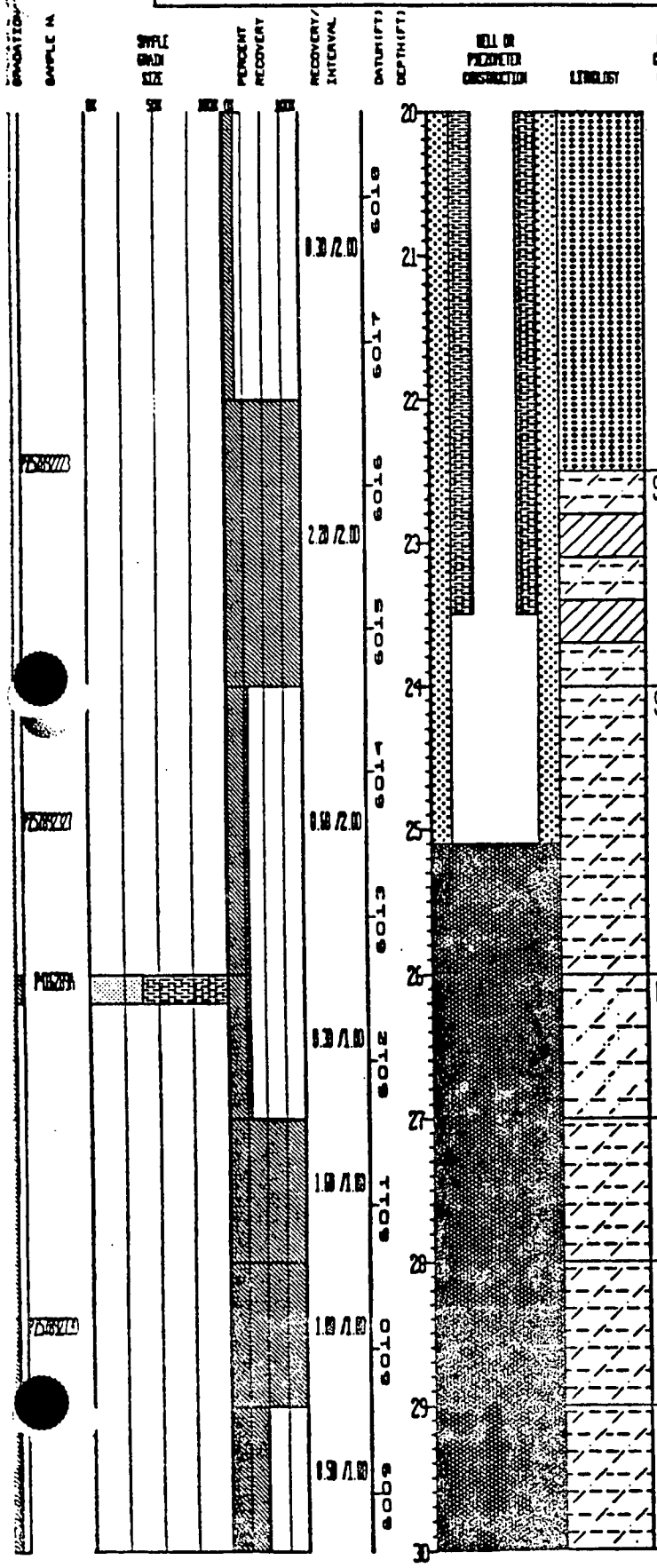
STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 43.0	GROUND ELEVATION (FT):	6038.6	PROJECT NUMBER:	EMAD	LOG OF BORING NUMBER
NORTH:	748598	AREA: PLANT	CASING DIAMETER (IN):	2 3/8 O.D.	GEOLOGIST:	FG	P416289
EAST:	2081555	LOCATOR NUMBER: I8	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/20/89	

REMARKS: Hollow Stem Auger. ASI Log.



SILTY CLAYSTONE: Top of Bedrock at 23.0'.
Silty Claystone - pale yellowish orange (10 YR 8/6) with interbedded clay and inclusions of silty gray clay.
30% silt, >70% clay.

SILTY CLAYSTONE: Same as above. Some Fe staining.
30% silt, 70% clay.

CLAYEY SILTSTONE: Grayish orange (10 YR 7/4), well cemented, non-friable.
Fe staining.
<70% silt, <30% clay.

SILTY CLAYSTONE: Grayish orange (10 YR 7/4). Fe staining.
<30% silt, <70% clay.

SILTY CLAYSTONE: Color change to dark yellowish orange (10 YR 6/6).
Some carbonaceous material at bottom of core.
Some Fe staining.

SILTY CLAYSTONE: Same as above, heavy hematite zones.
<30% silt, <70% clay.

STATE PLANE COORDINATE: NORTH: 748598 EAST: 2081555 | TOTAL DEPTH (FT): 40.0 | AREA: PLANT | LOCATOR NUMBER: I8 | GROUND ELEVATION (FT): 6038.6 | CASING DIAMETER (IN): 2 3/8 O.D. | BOREHOLE DIAMETER (IN): 7.25 | PROJECT NUMBER: 0140 | GEOLOGIST: TG | DATE DRILLED: 09/20/89

LOG OF BORING NUMBER: P416289

REMARKS: Hollow Stem Auger. ASTI Log.

SAMPLE NUMBER	RECOVERY/INTERVAL	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	DESCRIPTION
P416289	1.00 /1.00	30			SILTY CLAYSTONE: Same as above. Very heavy hematite, disseminated and concretions. >30% silt, >70% clay.
P416289A	0.50 /1.00	31			CLAYEY SILTSTONE: Light olive gray (5 YR 6/1) to middle of interval. Changes to pale yellowish orange (10 YR 8/6). Disseminated hematite. 60% silt, 40% clay.
	0.55 /1.00	32			CLAYEY SILTSTONE: Light olive brown (5 YR 5/6) to dusky yellow (5 YR 6/4). Hematite staining. >55% silt, 45% clay.
P416289C	0.60 /1.00	33			CLAYEY SANDSTONE: Grayish orange (10 YR 7/4) to pale yellowish orange with some zones of yellowish gray (5 YR 6/2) sand. Sand v.f.g. to f.g., angular to sub-angular, some black block minerals. Sand well sorted. Disseminated hematite staining. Porosity approx. 15%. Mod. well cemented (clay), slightly to mod. friable. 55% sand, 45% clay.
	0.55 /1.00	34			
	1.00 /1.00	35			
P416289D	0.60 /1.00	36			CLAYEY SANDSTONE: Well sorted, pred. pale yellowish orange (10 YR 8/6). Sands grade from f.g. to m.g. with depth, with some c.g. Sandstone. Clay content decreases with depth. C.g. and m.g. sand, sub-rounded to rounded. F.g. sands sub-angular to sub-rounded. Disseminated hematite with some localized heavier concentrations. Trace Mg coating. Some black sand minerals. Sand pred. quartzose. 70% sand, 30% clay.
	0.50 /1.00	37			
	0.50 /1.00	38			SILTY CLAYSTONE: Silty Claystone with some sand. Color from dark yellowish orange (10 YR 6/6) to yellowish gray (5 Y 7/2). Some Mn coating, some hematitic zones. 3% sand, 42% silt, 55% clay.
P416289E	1.00 /1.00	39			
P416289F		40			

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 43.0	GROUND ELEVATION (FT):	6038.6	PROJECT NUMBER:	EMAD
NORTH: 748598	AREA: PLANT	CASING DIAMETER (IN):	2 3/8 O.D.	GEOLOGIST:	FG
EAST: 2081555	LOCATOR NUMBER: I8	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	09/20/89

REMARKS: Hollow Stem Auger. ASI Log.

LOG OF BORING NUMBER

P416289

CHEMICAL SAMPLE DEPTH	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
P2589042 P416289	0% 50% 100%	0% 100%	1.00/1.00	5998	40				CLAYEY SANDSTONE: Pred. dark yellowish orange (10 YR 6/6). Mod. well sorted, v.f.g. to c.g. (80% v.f.g. to f.g.), sub-rounded to rounded, mod. well cemented. Some pale yellowish brown (10 YR 6/2) clay inclusions. Some hematite zones and nodules. 60% sand, 40% clay.
			1.00/1.00	5997	41				
			1.00/1.00	5996	42				SILTY CLAYSTONE: Dark yellowish orange (10 YR 6/6) with zones of pale yellowish brown (10 YR 6/2) clay. Sandy interval at 42.6' to 42.8' and nodular hematite in top from approx. 40.3' to 40.5' and disseminated hematite in with some small nodules throughout core. Fresh surface along very poorly developed bedding planes have mottled appearance. 30% silt, 70% clay.
				5995	43				
				5994	44				
				5993	45				
				5992	46				
				5991	47				
				5990	48				
				5989	49				
					50				

424/301

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 33.0	GROUND ELEVATION (FT):	6022.40	PROJECT NUMBER:	P204-89
NORTH: 748522	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	SPC
EAST: 2082513	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	12/08/89

LOG OF BORING NUMBER: P419689

REMARKS: Hollow Stem Auger. Weston Log.

SAMPLE NUMBER	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
		6022	0	SW:	Gravelly Sand - dark yellowish brown (10 YR 4/2), dusky yellowish brown (10 YR 2/2), non-stratified. F.g. to v.c.g. sand, quartzose. 1 cm. to 6 cm. gravels. Some clay, poor sorting, sub-angular, non-plastic, med. dense, moist.
P419689003	2.00 /2.00	6021	1	CL:	Gravelly Sandy Clay - mod. brown (5 YR 4/4), mod. reddish brown (5 YR 4/4). F.g. to v.c.g. quartzose sand. 1 cm. to 4 cm. gravels, poor sorting, sub-angular. Low plasticity, stiff, moist.
	1.40 /2.00	6020	2	CL:	Clayey Sand and Clay - same as above. Light brown (5 YR 5/6) mod. reddish brown (10 R 4/6). (sc-cl)
		6019	3		
P419689007	1.50 /1.50	6018	4	SC:	Gravelly Clayey Sand - grayish orange (10 YR 7/4), yellowish gray (5 Y 7/2), pale red (5 R 6/2). F.g. to c.g. quartzose sand. 1 cm. to 5 cm. gravels. Some silt, poorly sorted, sub-angular. Low to no plasticity, dense, dry to damp
	0.00 /0.50	6017	5	NO SAMPLE	NO SAMPLE.
	0.00 /2.00	6016	6	SC:	Gravelly Clayey Sand - same as above (reference interval 4.0' to 5.5'). Light brown (5 YR 5/6), dark yellowish orange (10 YR 6/6). 1 cm. to 7 cm. gravels.
		6015	7		
	1.10 /2.00	6014	8	SC:	Gravelly Clayey Sand - same as above.
		6013	9		
			10		

485/601

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 33.0	GROUND ELEVATION (FT):	6022.40	PROJECT NUMBER:	P204-89	LOG OF BORING NUMBER:	
NORTH: 748522	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	SPC		P419689
EAST: 2082513	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	12/08/89		

REMARKS: Hollow Stem Auger. Weston Log.

SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				6012 10			SC:	Gravelly Clayey Sand - same as above. Light brown (5 YR 5/6), grayish orange (10 YR 7/4), grayish orange pink (5 YR 7/2).
			1.00 /2.00	6011 11				
				6010 12			SM:	Gravelly Silty Sand - same as above. Light brown (5 YR 5/6 to 5 YR 6/4). Some clay, more silt.
P419689115			0.80 /2.00	6009 13				
				6008 14			SC:	Clayey Sand - light brown (5 YR 5/6), non-stratified, f.g. c.g. quartzose sand, mod. sorting, rounded to sub-rounded. Low plasticity, med. dense, moist.
			1.40 /2.00	6007 15			SM:	Gravelly Silty Sand - same as above (reference interval 12.0' to 12.8'). Light brown (5 YR 5/6 to 5 YR 6/4), grayish red (10 R 4/2).
							NO SAMPLE:	NO SAMPLE.
				6006 16			SM:	Gravelly Silty Sand - same as above (reference interval 14.3' to 15.4').
P419689318			1.30 /2.00	6005 17				
				6004 18			SC:	Silty Sandy Clay - light brown (5 YR 5/6), pale red (10 R 6/2), yellowish gray (5 Y 7/2), non-stratified, mottled. F.g. to m.g. sand. Trace gravel. Claystone inclusions, med. to low plasticity, manganese staining, very stiff to stiff, damp.
			2.00 /2.00	6003 19	12/12/89		CL:	Clay - light olive gray (5 Y 6/1), yellowish gray (5 Y 7/2), stained light brown (5 YR 5/6), grayish red (10 R 4/2). Non-stratified. Trace f.g. sand. Trace silt, high to med. plasticity. Reworked Claystone, iron staining, trace manganese, trace gypsum, hard, damp to moist.
				20				

4126/6-01

STATE PLANE COORDINATE: TOTAL DEPTH (FT): 33.0 GROUND ELEVATION (FT): 6022.40 PROJECT NUMBER: PZ04-89 LOG OF BORING NUMBER:

NORTH: 748522 AREA: PLANT CASING DIAMETER (IN): 2-3/8 O.D. GEOLOGIST: SPC

EAST: 2082513 LOCATOR NUMBER: JB BOREHOLE DIAMETER (IN): 7.25 DATE DRILLED: 12/08/89

REMARKS: Hollow Stem Auger. Weston Log.

P419689

DEPTH	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM(FT) DEPTH(FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
20					6002			CL:	Clay - same as above.
21				2.00 /2.00	6001			CL:	Gravelly Sandy Clay - pale red (10 R 6/2), light brown (5 YR 5/6), dark yellowish orange (10 YR 6/6), non-stratified, f.g. to v.c.g. sand. 1 cm. to 5 cm. gravels, poor sorting, sub-rounded, quartzose. Low to med. plasticity, very stiff, damp.
22					6000	12/08/89		SANDSTONE	Top of Bedrock Silty Sandstone - light brown (5 YR 5/6), dark yellowish orange (10 YR 6/6), m.g. to c.g. quartzose sand, mod. sorting, rounded to sub-rounded. Low to non-plastic, wet.
23				2.00 /2.00	5999			SILTY CLAYSTONE	Dusky yellow (5 Y 6/4), yellowish gray (5 Y 7/2). Blocky to platy, non-stratified, low to med. plasticity, weathered, scattered iron staining, firm, damp.
24					5998			SILTY CLAYSTONE	Same as above - yellowish gray (5 Y 7/2).
25				0.10 /2.00	5997				
26					5996			SILTY CLAYSTONE	Same as above, light olive gray (5 Y 5/2), yellowish gray (5 Y 7/2). Med. plasticity, med. to hard.
27				2.00 /2.00	5995				
28					5994			SILTY CLAYSTONE	Same as above - light olive gray (5 Y 5/2), dusky yellow (5 Y 6/4), decreasing silt with depth.
29				2.00 /2.00	5993				
30								CLAYSTONE	Olive gray (5 Y 4/1), blocky, non-stratified. Trace to some silt. Med. to high plasticity, weathered, iron and manganese staining, hard.

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 33.0	GROUND ELEVATION (FT):	6022.40	PROJECT NUMBER:	P204-89	LOG OF BORING NUMBER:	
NORTH: 748522	AREA: PLANT	CASING DIAMETER (IN):	2-3/8 O.D.	GEOLOGIST:	SPC		P419689
EAST: 2082513	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	12/08/89		
REMARKS: Hollow Stem Auger. Weston Log.							

DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
30			CLAYSTONE	Same as above - med. gray (N 5/0), banded dusky yellow (5 Y 6/4). Some silt to silty, decreasing silt with depth, scattered iron staining.
5992				
31				
5991				
32			CLAYSTONE	Same as above - light olive gray (5 Y 6/1 to 5 Y 5/2). Some silt to silty, increasing silt with depth.
5990				
33				TD = 33.0'
5989				
34				
5988				
35				
5987				
36				
5986				
37				
5985				
38				
5984				
39				
5983				
40				

2.00 /2.00

1.00 /1.00

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 28.0	GROUND ELEVATION (FT): 6019.60	PROJECT NUMBER: BH6640589	LOG OF BORING NUMBER:	
NORTH: 748535	AREA: BUILDING 664	CASING DIAMETER (IN):	GEOLOGIST: SPC	P411989	
EAST: 2082692	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	DATE DRILLED: 08/24/89		

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on August 24, 1989. Weston Log.

CHEMICAL GRADATION	SAMPLE NO.	SAMPLE GRAIN SIZE (0% 50% 100%)	PERCENT RECOVERY (0% 100%)	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	BH6640589000			1.40/2.00	6019 6018	0 1			SC:	Gravelly Clayey Sand - gray brown (5 YR 3/2) to dark yellowish brown (10 YR 4/2). Non-stratified, f.g. to v.c.g. sand. 1 cm. to 6 cm. gravels, poor sorting, sub-angular, quartzose, low to non-plastic, dense, slightly moist.
				1.50/2.00	6017 6016	2 3			CL:	Gravelly Sandy Clay - mod. reddish brown (10 R 4/6) to dark reddish brown (10 R 3/4). Non-stratified, f.g. to v.c.g. sand. 1 cm to 6 cm. gravels, poor sorting, sub-angular, quartzose, low plastic, dense, moist.
				2.00/2.00	6015 6014	4 5			SC:	Gravelly Clayey Sand - varicolored and mottled, yellowish gray (5 Y 7/2), dark yellowish orange (10 YR 6/6), mod. reddish orange (10 R 6/6). Non-stratified, f.g. to v.c.g. sand, poor sorting, sub-angular to angular, quartzose to granitic, low plastic, iron oxide staining, calcareous, dense, moist.
				1.00/1.00	6013	6			SC:	Gravelly Clayey Sand - same as above
				1.00/1.00	6012	7			:	Slough.
				1.20/2.00	6011 6010	8 9 10			CL:	Gravelly Sandy Clay - grayish orange (10 YR 7/4), mod. yellowish brown (10 YR 5/4). Non-stratified, f.g. to v.c.g. sand. 1 cm. to 6 cm. gravels, poor sorting, sub-angular, quartzose, low plastic, trace iron oxide staining, calcareous, dense, moist.

STATE PLANE COORDINATE: NORTH: 748535 EAST: 2082692 | TOTAL DEPTH (FT): 28.0 | AREA: BUILDING 664 | LOCATION NUMBER: JB | GROUND ELEVATION (FT): 6019.60 | CASING DIAMETER (IN): | BOREHOLE DIAMETER (IN): | PROJECT NUMBER: 0666-10589 | GEOLOGIST: SPC | DATE DRILLED: 08/24/89 | LOG OF BORING NUMBER: P411989

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on August 24, 1989. Weston Log.

DEPTH (FEET) BELOW DATUM (FT)	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
10					6009			CL:	Gravelly Sandy Clay - same as above. Light brown (5 YR 5/6). 1 cm. to 3 cm. gravels.
11				1.10 /2.00	6008				
12	0666-10589-13							CL:	Gravelly Sandy Clay - same as above. Varicolored, light brown (5 YR 5/6), yellowish gray (5 Y 7/2). Trace mod. red (5 R 4/6). Quartzose, Sandstones, granites, increased iron oxide staining.
13				2.00 /2.00	6007				
14					6006			CL:	Gravelly Sandy Clay - same as above, dusky yellow (5 Y 6/4)
15				2.00 /2.00	6005				
16					6004			CL:	Sandy Gravelly Clay - same as above, grayish red (5 R 4/2). Trace cobbles.
17				1.50 /2.00	6003				
18	0666-10589-17				6002			CL:	Gravelly Sandy Clay - same as above. Light brown (5 YR 5/6), yellowish gray (5 Y 7/2), mod. orange pink (10 R 7/4). Laminated, micaceous and silty in part.
19				2.00 /2.00	6001				
20					6000				

490/601

STATE PLANE COORDINATE:
NORTH: 748535
EAST: 2082692

TOTAL DEPTH (FT): 28.0
AREA: BUILDING 664
LOCATOR NUMBER: JB

GROUND ELEVATION (FT): 6019.60
EXISTING DIAMETER (IN):
BOREHOLE DIAMETER (IN):

PROJECT NUMBER: 84661589
GEOLOGIST: SPC
DATE DRILLED: 08/24/89

LOG OF BORING NUMBER: P411989

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on August 24, 1989. Weston Log.

CHEMICAL ANALYSIS	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
					20			CL:	Gravelly Sandy Clay - same as above. Pale red (10 R 6/2). No micaceous or silty lenses.
				1.30 /2.00	21				
	84661589212				22			SM:	Silty Sand - non-stratified. F.g. to m.g. sand, mod. sorting, sub-rounded, quartzose. Small cobbles and gravels in shoe, loose to med. dense, wet.
				1.20 /2.00	23				
					24			SILTY CLAYSTONE:	Top of Bedrock Yellowish gray (5 YR 7/2), light gray (N 7/0), dusky yellow (5 Y 6/4), mottled. Laminated, med. plastic, iron oxide staining, weathered. Silty sand lense at 25.8' to 25.9', moist.
				2.00 /2.00	25				
	84661589213				26			CLAYSTONE	Yellowish gray (5 Y 7/2) to dusky yellow (5 Y 6/4). Laminated, med. to high plastic, heavy iron oxide staining, very weathered, moist.
				2.00 /2.00	27				
					28				TD = 28.0'
					29				
					30				

491 [illegible]

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 25.0	GROUND ELEVATION (FT): 6015.80	PROJECT NUMBER: BH6640189	LOG OF BORING NUMBER:	
NORTH: 748538	AREA: BUILDING 664	CASING DIAMETER (IN):	GEOLOGIST: SPC	P411589	
EAST: 2082959	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	DATE DRILLED: 08/23/89		

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on August 23, 1989. Weston Log.

CHEMICAL GRADATION	SAMPLE	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	BH6640189000			0.25/0.50		0				Asphalt.
	BH6640189000			1.50/1.50	6015 6014	1			CL:	Gravelly Sandy Clay - mod. brown (5 YR 4/4 to 5 YR 3/4). F.g. to v.c.g. sand. 1 cm. to 6 cm. gravels, non-stratified, poorly sorted, sub-angular, quartzose, mod. consol., dense, low plastic, moist.
				0.00/0.50		2			CL:	Gravelly Sandy Clay - same as above.
				0.00/1.50	6013 6012	3			NO SAMPLE	NO SAMPLE
				1.00/1.00	6011	4			CL:	Gravelly Sandy Clay - same as above. Light brown (5 YR 5/6). 1 cm. to 3 cm. gravels.
				1.00/1.00	6010	5			CL:	Gravelly Sandy Clay - same as above. Light brown (5 YR 5/6) to dark yellowish orange (10 YR 6/6). Low to med plastic, Claystone and Sandstone inclusions, iron oxide staining, calcareous.
				1.40/2.00	6009 6008	6 7			CL:	Gravelly Sandy Clay - same as above.
				1.50/2.00	6007 6006	8 9 10			CL:	Gravelly Sandy Clay - same as above, very mottled.

492/[illegible]

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 25.0	GROUND ELEVATION (FT): 6015.80	PROJECT NUMBER: 8H66401B9	LOG OF BORING NUMBER:	
NORTH: 748538	AREA: BUILDING 664	CASING DIAMETER (IN):	GEOLOGIST: SPC	P411589	
EAST: 2082959	LOCATOR NUMBER: JB	BOREHOLE DIAMETER (IN):	DATE DRILLED: 08/23/89		

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on August 23, 1989. Weston Log

SAMPLE NUMBER	RECOVERY/INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
	1.90 /2.00	6005	10–11			SC:	Gravelly Clayey Sand - varicolored, pale reddish brown (10 R 5/4) to light brown (5 YR 5/6) to dark yellowish orange (10 YR 6/6). F.g. to c.g. sand. 1 cm. to 3 cm. gravels, non-stratified, poorly sorted, sub-angular, quartzose to granites, mod. consol., dense, low plastic, calcareous, iron oxide staining, moist.
8H66401B9015		6004	12			SC:	Gravelly Clayey Sand - same as above. 1 cm. to 7 cm. gravels.
	2.00 /2.00	6003	13				
		6002	14			CL:	Gravelly Sandy Clay - light brown (5 YR 5/6) to dark yellowish orange (10 YR 6/6) to pale reddish brown (10 YR 5/4). F.g. to v.c.g. sand. 1 cm. to 4 cm. gravels, non-stratified, porly sorted, sub-angular, quartzose, mod. consol., low plastic, calcareous, iron oxide staining, moist.
	1.50 /2.00	6001	15				
		6000	16			CL:	Gravelly Sandy Clay - same as above.
	2.00 /2.00	5999	17			CL:	Clayey Sand - light brown (5 YR 5/6) to yellowish gray (5 Y 7/2). F.g. to m.g. sand, stratified by clay content, mod. sorting, quartzose, low to med. plastic, mod. consol., dense to med. dense, iron oxide staining, very damp.
8H66401B9021		5998	18	08/23/89 ▽		SC:	Clayey Sand - same as above.
	1.50 /2.00	5997	19			CL:	Gravelly Clayey Sand - light brown (5 YR 5/6) to yellowish gray (5 Y 7/2). F.g. to v.c.g. sand. 1 cm. to 3 cm. gravels, non-stratified, poorly sorted, sub-angular, quartzose, low plastic, mod. consol., dense, moist-wet.
		5996	20				

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STATE PLANE COORDINATE:
NORTH: 748538
EAST: 2082959

TOTAL DEPTH (FT): 25.0
AREA: BUILDING 664
LOCATOR NUMBER: JB

GROUND ELEVATION (FT): 6015.80
CASING DIAMETER (IN):
BOREHOLE DIAMETER (IN):

PROJECT NUMBER: 664-401589
GEOLOGIST: SPC
DATE DRILLED: 08/23/89

LOG OF BORING NUMBER: P411589

REMARKS: Hollow Stem Auger. Borehole backfilled with volclay grout on August 23, 1989. Weston Log.

CHEMICAL SAMPLE NUMBER	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				2.00 /2.00	5995	21			SC:	Gravelly Clayey Sand - same as above.
					5994	22			CLAYSTONE	Top of Bedrock Yellowish gray (5 Y 7/2) to light olive gray (5 Y 5/2) to dusky yellow (5 Y 6/4). Very thinly laminated to slightly blocky, mod. consol., med. plastic, iron oxide and manganese oxide staining, moist.
	664401589275			2.00 /2.00	5993	23			CLAYSTONE	Med. gray (N 5/0) to dark yellowish orange (10 YR 6/6). Blocky, mod. consol., med. to high plastic, manganese oxide and iron-oxide staining, moist.
				1.80 /1.80	5992	24			CLAYSTONE	Same as above - dusky brown (5 YR 2/2), yellowish gray (5 Y 7/2).
					5991	25				TD = 25.0'
					5990	26				
					5989	27				
					5988	28				
					5987	29				
					5986	30				

STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 22.0	GROUND ELEVATION (FT):	6008.50	PROJECT NUMBER:	DM0	LOG OF BORING NUMBER:
NORTH:	795510	AREA: PLANT	CASING DIAMETER (IN):	2 3/8 O.D.	GEOLOGIST:	MCS	P313589
EAST:	2083547	LOCATION NUMBER: 103	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	10/12/89	

REMARKS: Hollow Stem Auger. ASTI Log.

SAMPLE NO.	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY / INTERVAL	DATUM (FT) DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
			1.50 /2.00	6008			SW	4" Asphalt, 4" gravel road base. Clayey Sand - Abundant gravel. Dark yellowish brown (10 YR 4/2), low plasticity. Gravel 1-4 cm., sub-angular, sub-rounded.
			0.80 /1.00	6007			SW	Same as above.
			0.00 /1.00	6006			NO SAMPLE	NO SAMPLE.
			1.00 /2.00	6005			SW	Silty Sand - trace clay, abundant gravel. Dark reddish brown (10 R 3/4), moderate plasticity. Gravel 1-2 cm., sub-rounded to sub-angular. Grades to silty sand - some clay. Very pale orange (10 YR 8/2), low plasticity, semi-consol. V.f.g. to f.g. sand, well rounded, sub-angular. No apparent bedding. (Soil described as sw to sp)
			2.00 /2.00	6004			SP	Same as above.
			1.50 /2.00	6003	10/15/89		SP	Same as above. Grades to moderate orange pink (5 YR 8/2), more silt, less gravel.
				6002				
				6001				
				6000				
				5999				

STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 22.0	GROUND ELEVATION (FT):	6008.50	PROJECT NUMBER:	EMAD
NORTH: 748510	AREA: PLANT	CASING DIAMETER (IN):	2 3/8 O.D.	GEOLOGIST:	AKS
EAST: 2083547	LOCATOR NUMBER: K8	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	10/12/89

REMARKS: Hollow Stem Auger. ASI Log.

LOG OF BORING NUMBER: P313589

SAMPLE NO.	RECOVERY/INTERVAL	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
P313589	1.90/2.00	10–12			SP:	Same as above. Grades to clayey sand, some silt. Moderate plasticity, semi-consol. Iron staining in horiz. layering. Trace gravel, sub-angular to sub-rounded. No apparent bedding.
	1.00/2.00	12–14			SP:	Same as above.
AKS-2	1.00/2.00	14–16			SP:	Same as above.
AKS-3	1.90/2.00	16–18			SP:	Same as above. Dark yellowish orange (10 YR 6/6). Greater oxidation. Little to no gravel.
AKS-4	1.00/2.00	18–20			SC:	Same as above. Very light gray (N8). Few clay layers (2-4 mm.) interbedded. Clay mod. to high plasticity.

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STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 22.0	GROUND ELEVATION (FT):	6008.50	PROJECT NUMBER:	DMO	LOG OF BORING NUMBER	
NORTH: 7465.10	AREA: PLANT	CASING DIAMETER (IN):	2 3/8 O.D.	GEOLOGIST:	MS	P313589	
EAST: 20835.97	LOCATOR NUMBER: 103	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	10/12/89		

REMARKS: Hollow Stem Auger. AGI Log.

SAMPLE NUMBER	SAMPLE TYPE	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM(FT) DEPTH(FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				0.00 /2.00	5988			SC:	Some as above. Some consol.
					5987				
					5986				
					5985				
					5984				
					5983				
					5982				
					5981				
					5980				
					5979				

20 21 22 23 24 25 26 27 28 29 30

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STATE PLANE COORDINATE:	TOTAL DEPTH (FT): 16.0	GROUND ELEVATION (FT):	5990.90	PROJECT NUMBER:	OP02-89
NORTH: 748891	AREA: ORIGINAL PROCESS	CASING DIAMETER (IN):	4.5 O.D.	GEOLOGIST:	SPC
EAST: 2084272	LOCATOR NUMBER: L8	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	11/02/89

REMARKS: Hollow Stem Auger. Weston Log.

LOG OF BORING NUMBER: P317989

DEPTH	SAMPLE NUMBER	RECOVERY/INTERVAL	DATUM (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
0						SC:	Gravelly Clayey Sand - dusky yellowish brown (10 YR 2/2) to pale yellowish brown (10 YR 6/2), non-stratified. F.g. to v.c.g. sand, 1 cm. to 5 cm. gravels, trace to some silt, poor sorting, sub-angular, quartzose. Low plasticity, med. dense, calcareous in lower 0.2', moist.
1	P317989003	1.20/2.00	5990				
2			5989			SM:	Gravelly Silty Sand - same as above, with light brown (5 YR 6/4) to very pale orange (10 YR 8/2). Trace to some clay, low to non-plasticity, very calcareous, thin wet lenses.
3		1.50/2.00	5988				
4	.06		5987			SM:	Gravelly Silty Sand - same as above, with light brown (5 YR 5/6) to mod. yellowish brown (10 YR 5/4).
5		1.30/2.00	5986			ML:	Clayey Silt - very pale orange (10 YR 8/2), non-stratified. Trace to some f.g. to v.c.g. sand, trace gravels. Low to med. plasticity, very calcareous, stiff, damp
						NO SAMPLE:	NO SAMPLE
6			5985			CL:	Silty Clay - very pale orange (10 YR 8/2), non-stratified. Trace sand, gravels. Low to med. plasticity, very calcareous, Claystone inclusions, stiff, moist.
7		2.00/2.00	5984			CLAYSTONE:	Top of Bedrock. Light olive gray (5 Y 6/1) to light gray (N 7/0), stained dark yellowish orange (10 YR 6/6), blocky, non-stratified. Trace silt, iron staining, med. to high plasticity, weathered, calcareous deposits, firm, moist.
8	P317989010		5983	11/02/89		CLAYSTONE:	Same as above - at 8.3' to 8.4' and 9.1' to 9.2'. C.g. to v.c.g. sand, well sorted, sub-rounded, quartzose. Calcareous cement, friable, med. hard, wet.
9		2.00/2.00	5982				
10			5981				

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STATE PLANE COORDINATE:		TOTAL DEPTH (FT): 16.0	GROUND ELEVATION (FT):	5990.90	PROJECT NUMBER:	OPG2-89	LOG OF BORING NUMBER:
NORTH:	748891	AREA: GROUNDWATER PROCESS	CASING DIAMETER (IN):	4.5 O.D.	GEOLOGIST:	SPC	P317989
EAST:	2084272	LOCATOR NUMBER: L8	BOREHOLE DIAMETER (IN):	7.25	DATE DRILLED:	11/02/89	

REMARKS: Hollow Stem Auger. Weston Log.

STRATIGRAPHIC BOUNDARIES	SAMPLE NUMBER	SAMPLE GRAIN SIZE	PERCENT RECOVERY	RECOVERY/ INTERVAL	DATUM (FT)	DEPTH (FT)	WELL OR PIEZOMETER CONSTRUCTION	LITHOLOGY	UNIFIED SOILS CLASSIFICATION OR ROCK TYPE	DESCRIPTION
				2.00 /2.00	5980	10			CLAYSTONE	Same as above - med. light gray (N 6/0). No calcareous deposits. Firm to med. hard.
					5975	11				
				2.00 /2.00	5970	12			CLAYSTONE	Same as above - med. gray (N 5/0) to light olive gray (5 Y 6/1). Trace to some silt, trace manganese deposits.
					5965	13				
				2.00 /2.00	5960	14			CLAYSTONE	Same as above - light olive gray (5 Y 6/1) to dusty yellow (5 Y 6/4). Trace carbonaceous.
					5955	15				
					5950	16				TD = 16.0'
					5945	17				
					5940	18				
					5935	19				
					5930	20				

APPENDIX F

GROUND WATER QUALITY IN WELLS UPGRADIENT AND DOWNGRADIENT OF OU12

5001001

TABLE F.1 - GROUND WATER ANALYTICAL DATA (1991) UPGRADIENT AND DOWNGRADIENT OF OU12 [a]

ANALYTES	CONCENTRATION				
	UPGRADIENT WELLS			DOWNGRADIENT WELLS	
	B410689	B410789	B110889	P207489	2486
Metals (mg/l)[b]					
Aluminum	1.72	4.25 - 5.93	0.0272	ND (0.200)	NA
Calcium	31.2 - 32.6	43.8 - 50.9	30.5 - 31.5	95.6	NA
Chromium	0.0103	0.01380	0.0133	ND (0.0100)	NA
Iron	4.05	5.04 - 6.33	0.108 - 0.524	ND (0.100)	NA
Lead	0.00530	0.00370 - 0.00440	ND (0.003)	ND (0.003)	NA
Magnesium	6.38 - 3.81	8.58 - 9.37	6.49 - 6.82	26.1	NA
Manganese	0.0567 - 0.143	0.0428 - 0.128	ND (0.015)	0.0269	NA
Silver	ND (0.0100)	ND (0.0100)	0.0109	ND (0.0100)	NA
Sodium	10.4 - 10.9	11.3 - 13.1	12.4 - 13.1	46.3	NA
Strontium	ND (0.200)	0.216 - 0.243	ND (0.200)	0.732	NA
Zinc	ND (0.0200)	0.0351 - 0.0386	0.0243	ND (0.0200)	NA
Radionuclides (pCi/l)[c]					
Gross Beta	ND (4.00)	ND (4.00)	ND (4.00)	29.0	NA
Tritium	ND (400)	ND (400)	ND (400)	526 - 707	NA
Uranium-233/234	ND (0.600)	0.788 - 1.11	0.656 - 0.822	2.13 - 2.55	NA
Uranium-238	ND (0.600)	0.645 - 0.738	ND (0.600)	1.61 - 1.96	NA

TABLE F.1 - GROUND WATER ANALYTICAL DATA (1991)
UPGRADIENT AND DOWNGRADIENT OF OU12 [a]

ANALYTES	CONCENTRATION				
	UPGRADIENT WELLS			DOWNGRADIENT WELLS	
	B410689	B410789	B110889	P207489	2486
Volatile Organics (µg/l)[d]					
Trichloroethene	73	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
4-Methyl-2-Pentanone	ND (0.0100)	ND (0.100)	11	ND (0.0100)	ND (0.0100)
Carbon Disulfide	ND (0.005)	ND (0.005)	8	ND (0.005)	ND (0.005)
Acetone	11 - 13	ND (0.0100)	37	12	ND (0.0100)
Methylene Chloride	13	ND (0.005)	6	7	ND (0.005)
Water Quality Parameters (mg/l)[e]					
Chloride	7.43 - 29.0	19.0 - 21.0	7.40 - 8.89	23.0 - 230	NR
Fluoride	0.400 - 0.700	0.400 - 0.500	0.500 - 0.600	0.800 - 7.80	NR
Nitrate/Nitrite	1.60 - 1.80	3.40 - 3.90	1.60	2.60 - 4.30	NR
Nitrate	NR	NR	1.73	NR	NR
Nitrite	NR	NR	ND (0.100)	NR	16
Silica (dissolved)	10.0 - 11.0	10.0 - 11.0	10.0 - 11.0	4.70 - 6.70	NR
Sulfate	7.0 - 10.0	2.00 - 19.0	9.00 - 11.00	70.0 - 130.0	NR
Bicarbonate ad Ca CO_3	94.0 - 100	120	100	280 - 310	NR
Total Dissolved Solids	158 - 210	230 - 250	170 - 176	460 - 480	NR
Total Suspended Solids	16.0 - 270	9.00 - 1000	4.00 - 16.0	8.00	NR

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TABLE F.1 - GROUND WATER ANALYTICAL DATA (1991)
UPGRADIENT AND DOWNGRADIENT OF OU12[a]

NR = Not reported.
ND = Not detected at a concentration greater than the detection limit indicated in parentheses.
a = Table includes only analytes detected above the detection limit in at least one of the wells listed.
[b] = Data from the following sampling periods:

B410689	-	March, May, July, November
B410789	-	March, May, July
B110889	-	March, May, November
P207489	-	May (1st and 31st), August, October
2486	-	June

[c] = Data from the following sampling periods:

B410689	-	March, July
B410789	-	March, May
B110889	-	March, May, July
P207489	-	May, August

[d] = Data from the following sampling periods:

B410689	-	March, May, July, November
B410789	-	March, May, July
B110889	-	March, May, November
P207489	-	May (1st and 31st), August, October
2486	-	June

[e] = Data from the following sampling periods:

B410689	-	March, May, July, November
B410789	-	March, May, July
B110889	-	March, May, November
P207489	-	May (1st and 31st), August, October
2486	-	June

Reference: "1991 Annual RCRA Groundwater Monitoring Report for Regulated Units at the Rocky Flats Plant," (EG&G, 1992).

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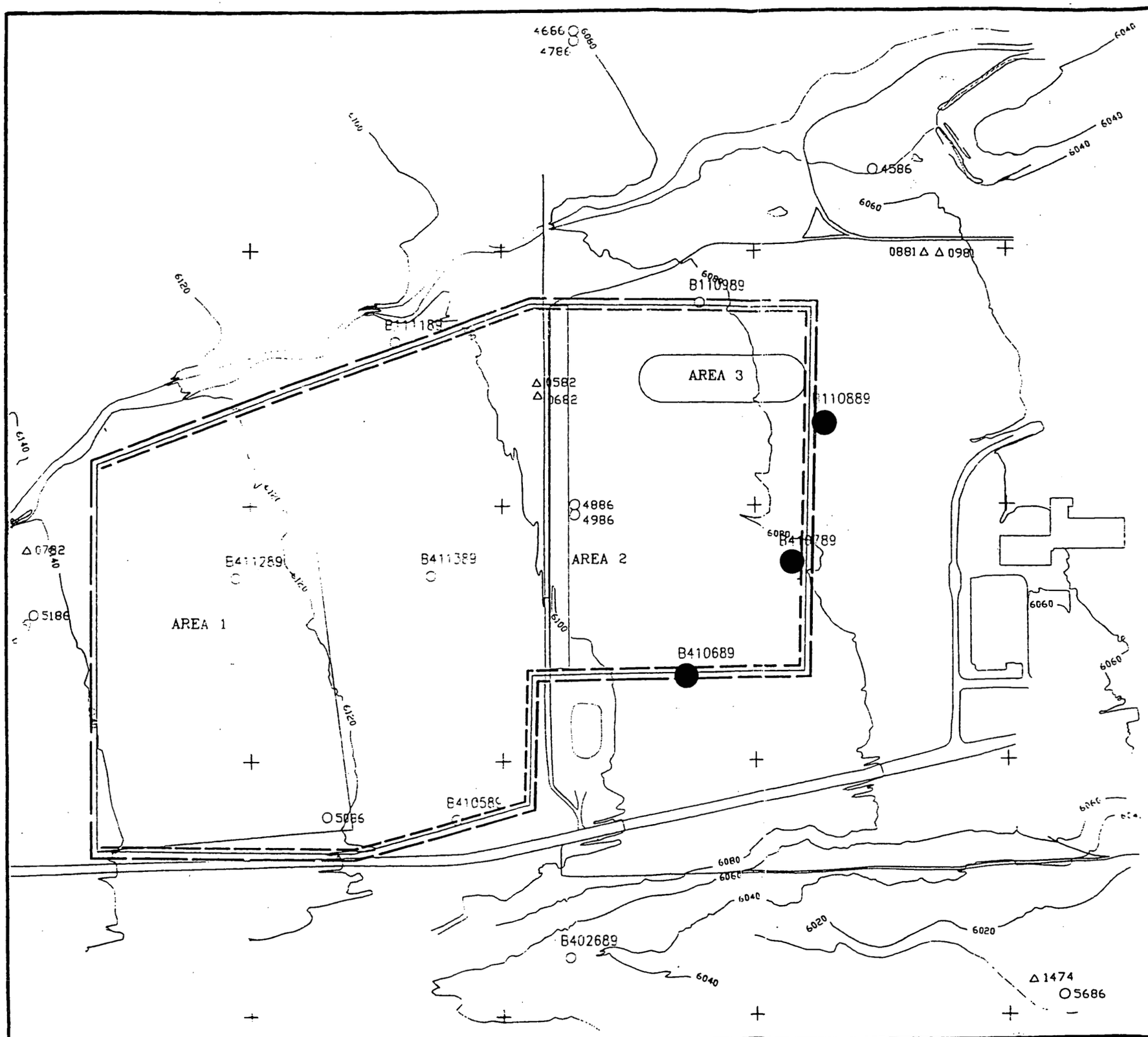

EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre–1986 Monitoring Well

—— —— Operable Unit Boundary

– – – – Compliance Boundary

● SELECTED WELL

-N-

0 400'

TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure F-1
Waste Management Area
and Monitoring Well
Locations

FEBRUARY 1992

APPENDIX G

HPGe TECHNICAL DOCUMENTATION

SECTION 28

IN SITU GAMMA ANALYSIS SYSTEM

R. T. Reiman

Las Vegas Operations
EG&G Energy Measurements, Inc.

ABSTRACT

EG&G/EM has successfully fielded an in situ gamma analysis system employing high purity germanium gamma detectors. The system has proven useful in radiological assessment and cleanup operations. The system, its calibration, operation, and past applications are discussed.

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INTRODUCTION

To define the gamma radiological character of an area one needs to identify and quantify the gamma emitting isotopes of that area. There are three basic methods which can be used:

1. Soil sampling and analysis

2. In situ gamma spectroscopy employing high purity germanium detectors (HPGe)

3. Aerial radiological surveys.

Before employing any of the methods it is prudent to consider:

1. The size of the area of interest

2. The possible complexity of the gamma field

3. The degree of spatial resolution necessary

4. The end use of the data.

For activity with simple gamma signatures, fairly uniformly distributed over large areas, which is typical of natural background, an aerial radiological survey might be ideal. For situations where there may be complex gamma fields and/or activity that is widely varying as well as a need for good spatial resolution, one needs to rely on soil sampling which can be slow and expensive or in situ gamma spectroscopy which yields in "real time."

EG&G/EM has successfully fielded an in situ gamma analysis system employing high purity germanium gamma detectors. The system has proven useful in radiological assessment and cleanup operations. The system, its calibration, operation, and past applications are discussed.

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IN SITU GAMMA SURVEY SYSTEM

Survey System Components

The in situ gamma survey system (Figure 1) consisted of the following major components:

1. A vehicle (presently two types are employed, a four-wheel drive vehicle and a tracked vehicle).

2. A HPGe detector and collimator shield.

3. A telescopic pneumatic mast capable of locating the detector from 0 to 7.4 meters above ground level (AGL).

4. A 4096 channel pulse height analyzer.

5. A Hewlett-Packard 9831A Computer and 9866B Printer.

6. A microwave ranging System (MRS).

7. A 4 kW generator.

High Purity Germanium Detector and Collimator Shield

A HPGe detector was used to measure the gamma rays from the radionuclides dispersed in the surface and near-surface soil. The detector was capable of high energy resolution, typically 1 to 2 keV full width at half maximum (FWHM) of detected photopeaks. This high resolution enhanced the ability to identify photopeaks and quantify their emanating isotopes.

A lead and cadmium collimator shield (Figure 2) was used to limit the detector field-of-view. The shield forced the detector to view a restricted solid angle and circular area on the ground. The physical angle of the cone

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The effective area, in general, varies as a function of the gamma ray angle of incidence and is normally written as:

$$A = A_o R(\theta) \tag{10}$$

where

A_o = the detector photopeak count rate for a unit flux incident perpendicular to the detector face and

$R(\theta)$ = the ratio of the detector response at an angle θ to that at $\theta = 0^o$.

Both A_o and $R(\theta)$ are determined experimentally with point gamma sources.

Combining Equations (9) and (10) with Equation (8) leads to an expression which relates the measured photopeak count rate to source activity in the soil. This is given by:

$$\frac{N_p}{S_v^o} = \left[\frac{A_o}{2} \int_o^{\pi/2} \frac{R(\theta) \tan\theta \exp\left[-(\mu\rho)_a \rho_a h \sec\theta\right]}{\alpha + (\mu/\rho)_s \rho_s \sec\theta} d\theta \right] \tag{11}$$

The conversion factor N_p/S_v^o given by Equation (11) is in units of

$$\frac{\text{cps}}{\gamma/\text{cm}^3\text{-sec}}$$

For a specific isotope the conversion factor is normally changed to units of $\frac{\text{cps}}{\text{pCi/cm}^3}$. Multiplying the expression in the brackets in Equation (11) by the soil density (in g/cm^3) leads to the conversion factor $Np/(S_v^o/\rho)$ normally given in units of $\frac{\text{cps}}{\text{pCi/g}}$.

In general, the average concentration in the top z cm, S_v^z, for a source distributed exponentially with depth is given by:

$$S_v^z = \frac{1}{z} \int_0^z S_v^o \, e^{-\alpha z} \, dz = \frac{S_v^o}{\alpha z} (1 - e^{-\alpha z}) \tag{12}$$

Combining Equations (11) and (12) leads to

$$\frac{(S_v^z/\rho)}{N_p} = \frac{(1-e^{-\alpha z})}{\alpha z} \; B \left[\frac{A_o \rho_s}{2} \int_0^{\pi/2} \frac{R(\theta) \tan\theta \exp\left(-(\mu/\rho)_a \rho_a \, h \sec\theta\right)}{\alpha + (\mu/\rho)_s \rho_s \sec\theta} \, d\theta \right]^{-1} \tag{13}$$

in units of $\left(\frac{\text{pCi/g}}{\text{cps}}\right)$, where B converts γ/sec to pCi for a specific isotope.

This conversion factor has utility when comparing in situ results with soil sample results where the soil sample is taken from 0 to z units deep and is finite.

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SYSTEM OPERATION

Operation of the in situ system may vary slightly as a function of survey requirements. Prior to any sampling the response of the system as a function of energy and source distributions is well known. The energy gain of the system is also established, typically 0.375 keV/channel with an intercept of zero. Generally sample points are predetermined based on a specific sampling scheme for the survey area. The system is moved from sample point to sample point with the mast fully retracted and the detector secured. At a sample point the mast is extended and angled away from the vehicle. This positions the detector approximately 7-1/2 meters AGL. The collimated detector then has a "field-of-view" of approximately 530 m^2 with the sampling vehicle "intercepting" approximately 20 m^2. While the system is acquiring spectral data the operator is doing the necessary bookkeeping to document the parameters surrounding the measurement. After completing a measurement the mast is retracted and the detector is secured while data are processed and stored on magnetic tape.

With the system's gain established the computer can monitor it and advise the operator of any changes. The operator verifies the energy gain, resolution, and relative efficiency three times during the course of a day with a mixed source. Periodically the system's absolute efficiency as a function of energy is measured with National Bureau of Standards (NBS) traceable sources.

PAST APPLICATIONS

The in situ system since its initial construction in 1977 has been successfully fielded in support of several different projects. The system's ability to characterize the surface and near surface soils has been well documented. Table 2 summarizes the major projects in which the system participated. In each involvement the system proved to be an invaluable tool because it provided accurate information in "real time." This enabled timely, informed decisions to be made so that personnel and equipment could be deployed effectively.

Table 2. Past in situ system's applications.

SITE	Location	Date of Survey	Isotope(s) of Interest	System Applications
Enewetak Atoll[2]	Western Pacific	7/77 - 12/79	^{241}Am	Cleanup
Gnome Site[3]	Carlsbad, NM	8/77 - 9/77	^{137}Cs	Assessment
Johnston Atoll[4]	Western Pacific	4/80 - 8/80	^{241}Am	Mapping
Middlesex Sampling Plant[5]	Middlesex, NJ	7/80 - 11/80	^{226}Ra	Cleanup
Kellex Site[6]	Jersey City, NJ	9/80 - 11/80	$^{238,235}U$ ^{232}Th	Assessment
Area 11[7]	Nevada Test Site	6/81 - 9/81	^{241}Am	Cleanup
Areas 1,2,3,4, 5,6,7,8,9,10, 11,12,13,15,16, 18,19,20,25,26, and 30[8]	Nevada Test Site	6/81 - 3/86	All Measurable	Mapping/Inventory

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EG&G
ENERGY MEASUREMENTS

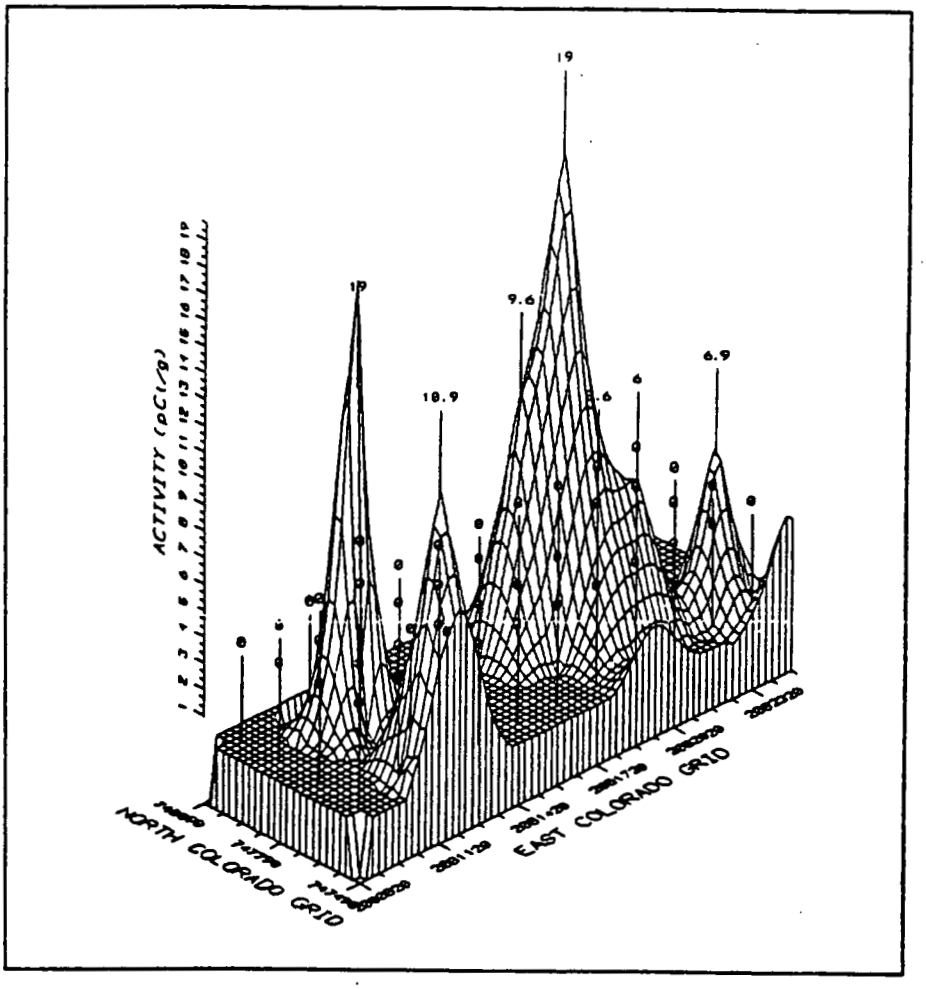
EGG-10617-1129
UC-702
MAY 1991

THE
REMOTE
SENSING
LABORATORY
OPERATED FOR THE U.S.
DEPARTMENT OF ENERGY BY EG&G/EM

IN SITU SURVEYS OF
THE UNITED STATES DEPARTMENT OF ENERGY'S

ROCKY FLATS PLANT

GOLDEN, COLORADO



DATE OF SURVEYS:
AUGUST 1990
OCTOBER-NOVEMBER 1990
NOVEMBER-DECEMBER 1990

5331001

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EG&G
ENERGY MEASUREMENTS

EGG-10617-1129
MAY 1991

IN SITU SURVEYS OF
THE UNITED STATES DEPARTMENT OF ENERGY'S

ROCKY FLATS PLANT

GOLDEN, COLORADO

DATE OF SURVEYS:
AUGUST 1990
OCTOBER-NOVEMBER 1990
NOVEMBER-DECEMBER 1990

R. T. Reiman
Project Scientist

REVIEWED BY

Harvey W. Clark Jr.

H. W. Clark, Jr., Manager
Nuclear Radiation Department

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C. K. Mitchell

C. K. Mitchell
Classification Officer

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ABSTRACT

In 1990, the Remote Sensing Laboratory (RSL) of EG&G Energy Measurements, Inc. (EG&G/EM) conducted *in situ* radiological surveys at the Rocky Flats Plant near Golden, Colorado. The Old Landfill Area was surveyed from October 25 through November 7, and an area east of the 903 Pad was surveyed from November 8 through December 8. As a precursor to the Old Landfill survey, an area south of the landfill along the north bank of Woman Creek was previously surveyed from August 29 through 31.

The August survey employed a 20% N-type, high purity germanium (HPGe) gamma ray detector suspended one meter above ground level (AGL). The later surveys employed a similar detector, but it was suspended 7.5 meters AGL. The processed data from the Old Landfill indicated that detected radioisotopes were generally consistent with those expected from normal background emitters. However, there was clear evidence of soil disturbance, and there were areas of elevated concentrations of uranium-238 (^{238}U). The processed data from the area east of the 903 Pad confirmed an earlier survey[1] which indicated the presence of americium-241(^{241}Am) in surface soils.

Both of the surveyed areas were part of ongoing, remedial investigations of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) at various Rocky Flats sites. EG&G/EM is an independent contractor for the United States Department of Energy (DOE) and conducts *in situ* and aerial radiological surveys at the DOE's request.

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1. INTRODUCTION

The United States Department of Energy (DOE) maintains a Remote Sensing Laboratory (RSL) which provides a remote sensing capability for all sites of interest to the DOE and other government agencies where authorized by the DOE. The RSL is operated by EG&G Energy Measurements, Inc. (EG&G/EM) under the direction of the DOE Nevada Operations Office as part of an integrated contract. One of the functions of the RSL is to manage an *in situ* gamma analysis system for ground-based measurements.

Since 1977, the RSL has maintained *in situ* gamma analysis systems based on high resolution germanium sensors. These systems have been deployed upon various platforms to assess the radiological character of debris and surface soils, and they have the capability of providing near real-time analysis and results. This capability makes the systems ideally suited for emergency response situations as well as cleanup operations where timely analysis is required to direct other resources. The survey operations are conducted at the request of federal or state agencies and by the direction of the DOE.

2. SITE DESCRIPTIONS

The Rocky Flats Plant covers an area of approximately 255 acres within a 6,550-acre natural preserve which is located approximately 24 km (15 mi) northwest of Denver, Colorado. The Old Landfill Site (Figure 1) located along the southwest boundary of the plant, within the Buffer Zone north of Woman Creek, was used to dispose of general plant waste from 1952 to 1968. A portion of the Old Landfill was used as a settling pond for the effluent from back-flushing the filters of the old wastewater treatment plant.

The area extending eastward from the 903 Pad (Figure 1) and the security fence of the Rocky Flats Plant is another survey site. This area is known to have been contaminated by windblown dust from the 903 Pad which itself had been contaminated by leaking drums of waste oils containing plutonium.

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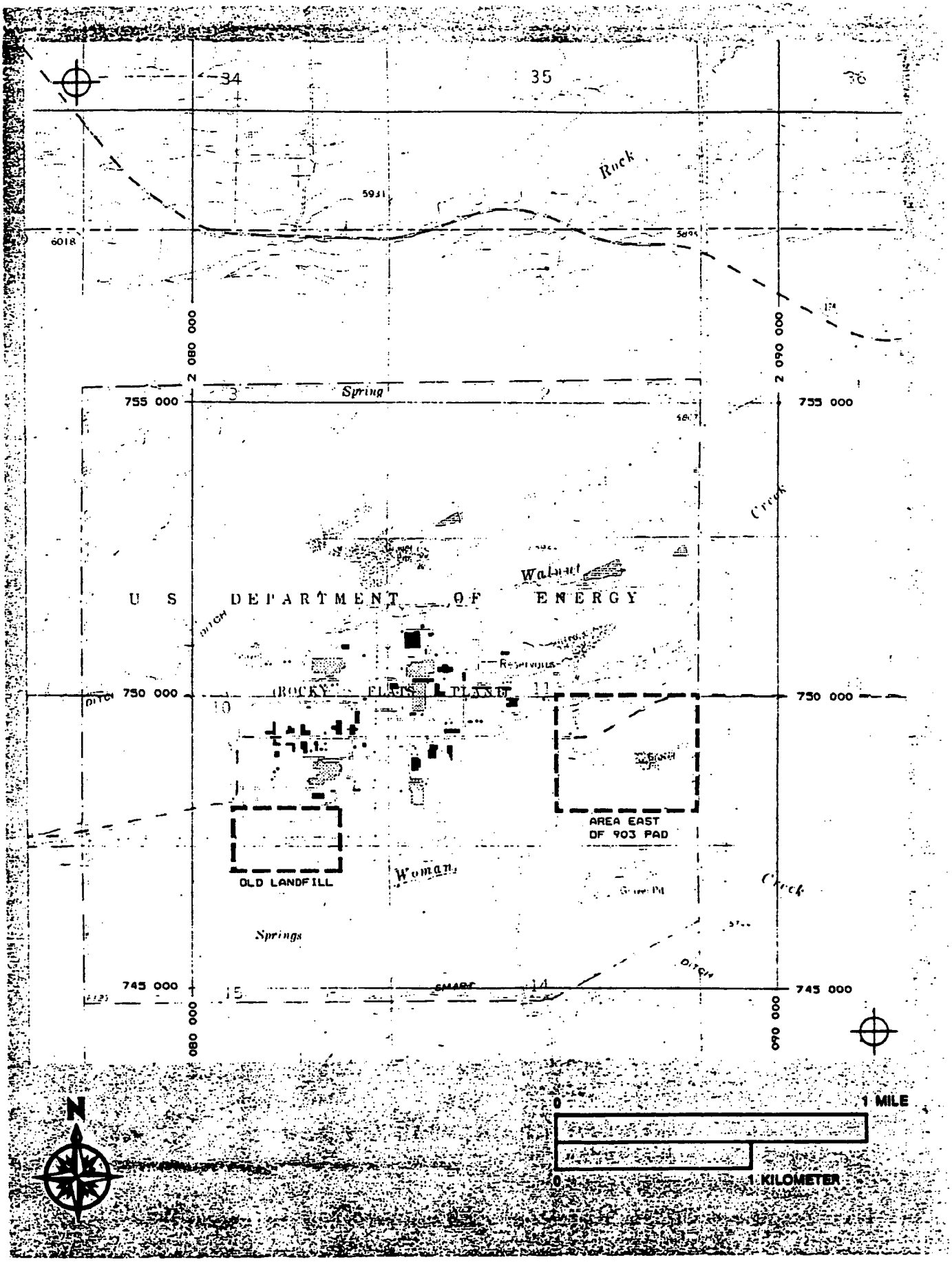

FIGURE 1. ***ROCKY FLATS PLANT SITE MAP***

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3. SURVEY PROCEDURES AND EQUIPMENT

The Old Landfill and the area east of the 903 Pad were sampled using a 46-m (150-ft) grid pattern (Figures 2 and 3). The survey grid was established using an electronic distance meter with an electronic digital theodolite (Figure 4). Stakes were left to mark each surveyed location and were labeled with the grid location and the Colorado Grid coordinates. This identification scheme is reflected by Figures 3 and 4 as well as Tables 2 and 3 (see pages 14 and 24). Sampling locations were tied to the Colorado Grid Coordinate System by way of a plant site map provided by Rocky Flats personnel and by referencing a station, "ENERGY," placed by a previous National Oceanic and Atmospheric Administration (NOAA) survey. The positional accuracy of the sampling locations was estimated to be better than ±3 m (10 ft).

Two high purity germanium (HPGe) gamma ray detectors were used to make several ground-based, *in situ* measurements. The locations of the HPGe measurements are shown on Figures 2 and 3. The detectors were nominally 20%, N-type, coaxial detectors, and each was mated with multichannel pulse height analyzers. One detector was placed one meter above the ground on a tripod (see Figure 5). The other detector was suspended 7.5 meters above the ground by a pneumatic telescoping mast which was mounted to a vehicle (Figure 6). Gamma ray data were collected as an energy spectrum over a 900-second interval and analyzed with the NUclear Material Analysis program (NuMAI), a germanium, gamma ray spectrum, peak search computer program. NuMAI produced results in the form of radionuclide concentration in the soil.

The theory of *in situ* measurement is presented in References 2, 3, and 4 and is provided in detail in Appendix A. The raw data were archived on floppy disks. The results of the analysis are presented as isoradiation contours generated by SURFER software using the Kriging option. SURFER is a contouring package from Golden Software, Inc.

4. NATURAL BACKGROUND RADIATION

Natural background radiation originates from the decay of radioactive elements present in the earth and from cosmic rays entering the earth's atmosphere from space. The radioactive

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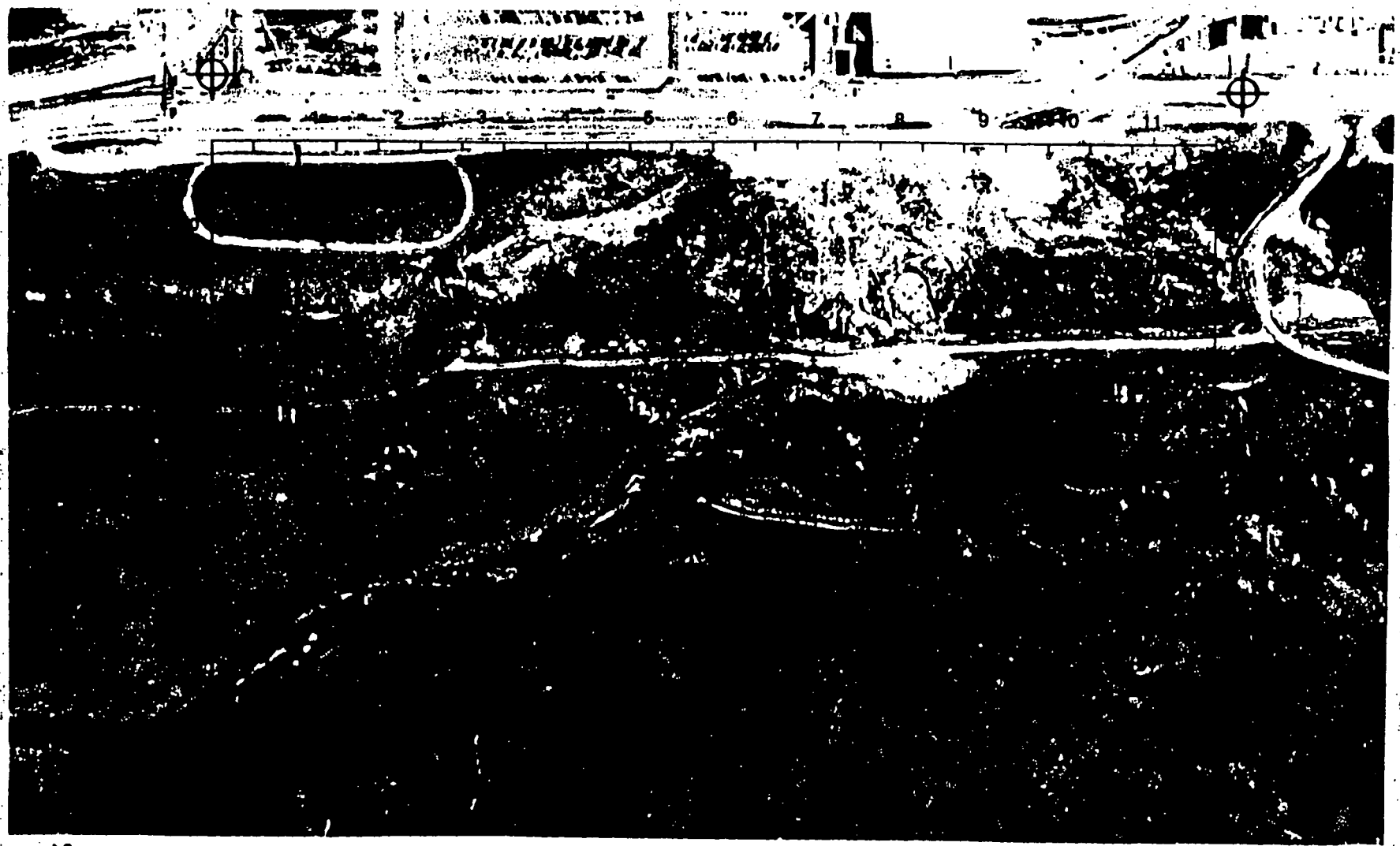

N

1" = 225'

FIGURE 2. *OLD LANDFILL GRID MAP*

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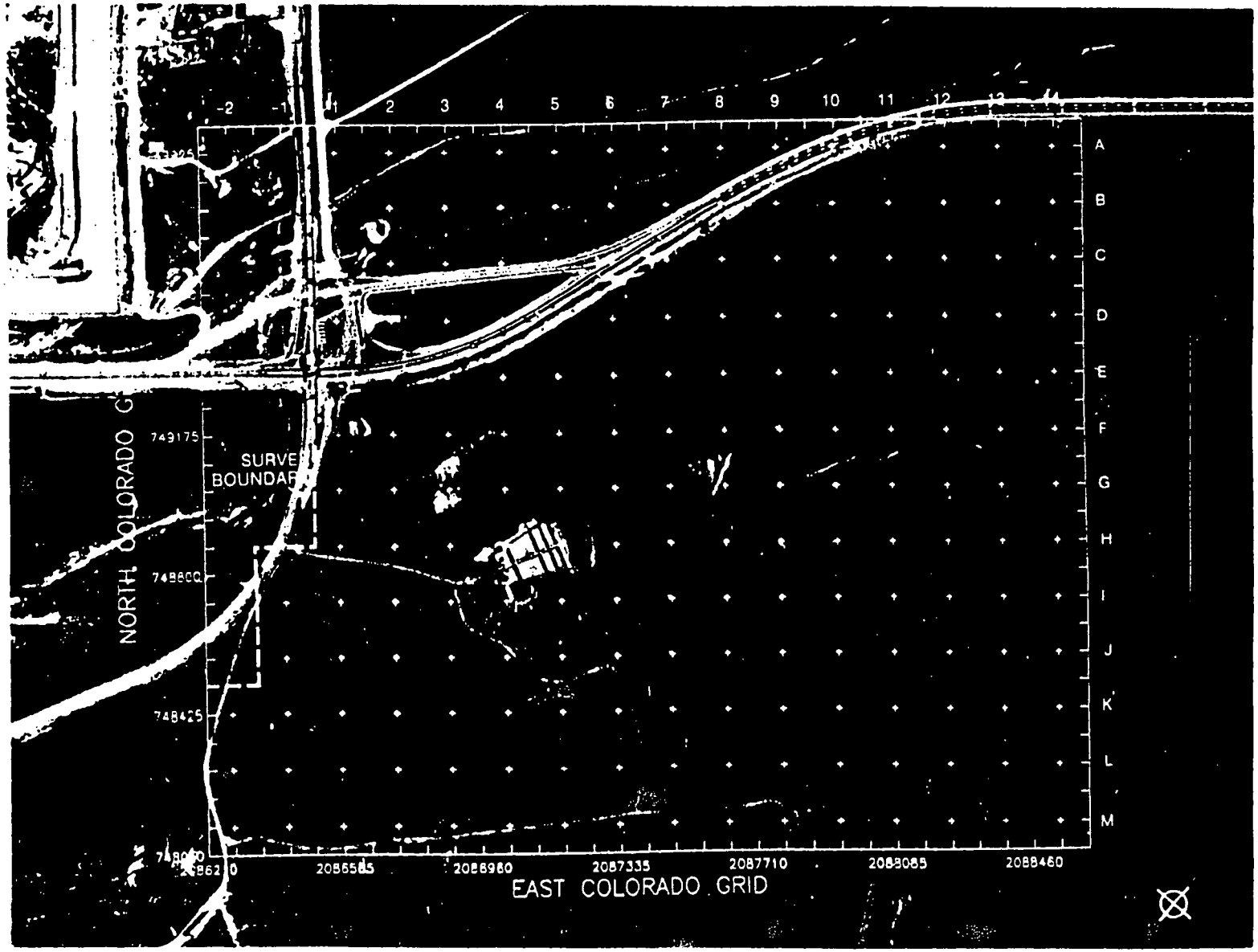

FIGURE 3. ***AREA EAST OF 903 PAD GRID MAP***

FIGURE 4. *POSITIONING SURVEY EQUIPMENT*

elements present in the earth are uranium and its decay products, thorium and its decay products, and radioactive potassium. Natural terrestrial gamma radiation originates from the decay of these elements. Local concentrations of these nuclides typically produce radiation levels ranging from 1 to 15 μR/h within the United States.[5] The natural terrestrial radiation levels are dependent upon the geologic character immediately surrounding the point of interest.

One member of each of the uranium and thorium decay chains is a noble gas (radon) which can both diffuse through the soil and be transported in the air to other locations. Therefore, the level of airborne radiation depends on the meteorological conditions, the mineral content of the soil, and the soil permeability existing at each location at a particular

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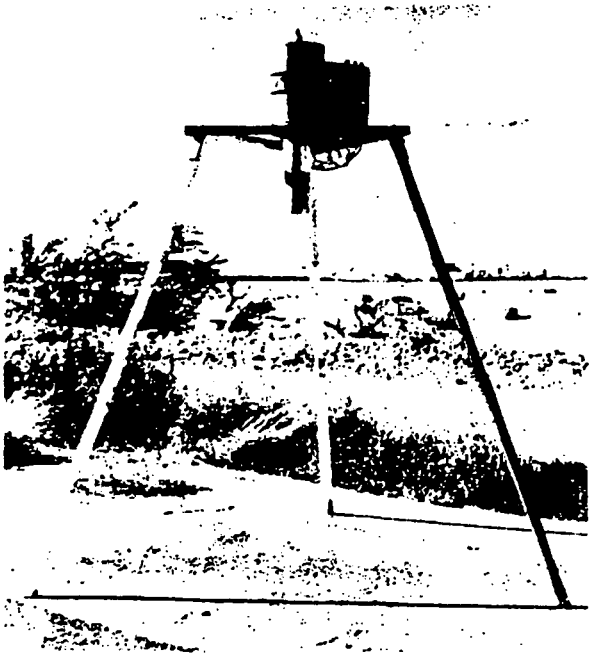

FIGURE 5. *TRIPOD-BASED SAMPLING SYSTEM*

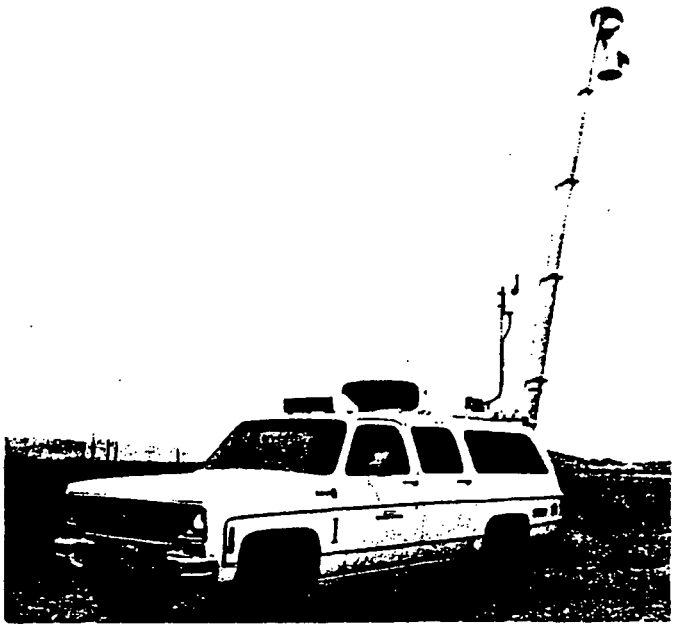

FIGURE 6. *SUBURBAN SAMPLING SYSTEM*

time. Typically, the airborne radiation contributes from 1 to 10% of the natural background radiation levels.

Cosmic rays, the space component, interact in a complex manner with the elements of the earth's atmosphere and soil. These interactions and the cosmic rays themselves produce an additional natural source of radiation. Radiation levels due to cosmic rays vary with elevation and geomagnetic latitude. Typical levels in the United States range from 3.3 μR/h in Key West, Florida, to 7.2 μR/h in Flagstaff, Arizona.[5] Cosmic rays are estimated to contribute approximately 5.6 μR/h to the natural radiation background at Rocky Flats Plant. This exposure is in addition to the terrestrial component measured by this survey.

5. ANALYSIS AND RESULTS

Gamma ray spectra collected by the sampling systems represented an energy range of 10 to 3,000 keV. These spectra were analyzed by NuMAI to identify and quantify all photopeaks present. Concentrations of corresponding radionuclides and the resulting gamma exposure

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rate were reported by NuMAI using predetermined conversion factors. An example of that analysis is shown in Figure 7 for a typical background spectrum from the Rocky Flats Buffer Zone (Figure 8).

Energy (keV)	Net Count	Background Count	Error (%)	Isotope	Photo-peak	Activity (pCi/g)
238.6	603.4	792.6	8	Pb-212	238.6	1.1
				Th-232	238.6	1.0
242.0	133.5	751.5	30	Pb-214	241.9	1.4
294.9	219.1	447.9	15	Pb-214	295.2	.97
328.6	66.9	326.1	40	Ac-228	328.0	1.8
338.4	134.5	332.5	21	Ac-228	338.4	1.2
351.5	422.5	303.5	8	Pb-241	351.9	1.1
510.1	132.3	163.7	16	Tl-208	510.8	.63
582.9	326.9	119.1	7	Tl-208	583.1	.45
				Th-232	583.1	1.3
609.1	319.2	151.8	8	Bi-214	609.3	.90
661.3	105.6	109.4	17	Cs-137	661.6	.16
794.4	44.8	68.2	30	Pa-228	794.7	3.0
				Ac-228	794.8	1.2
				Tl-210	795.0	.06
				Pa-234	796.2	1.7
860.8	50.3	73.7	28	Tl-208	860.4	.55
911.1	196.1	68.9	9	Ac-228	911.1	1.1
				Th-232	911.1	1.1
964.3	45.0	94.0	34	Ac-228	964.6	1.2
				Pa-228	964.6	.63
969.1	124.8	76.2	13	Ac-228	968.9	1.2
1,120.3	88.9	54.1	16	Bi-214	1,120.4	.76
1,238.4	65.1	75.9	23	Bi-214	1,238.1	1.7
1,377.5	50.2	22.8	19	Bi-214	1,377.7	2.0
1,460.8	748.3	31.7	4	K-40	1,460.8	11.
1,764.6	89.4	12.6	12	Bi-214	1,764.0	.91
2,204.8	37.5	3.5	18	Bi-214	2,204.1	1.4
2,614.7	194.5	.5	7	Tl-208	2,614.6	.41

FIGURE 7. ***AN EXAMPLE OF AN ANALYSIS OF A TYPICAL BACKGROUND SPECTRUM***

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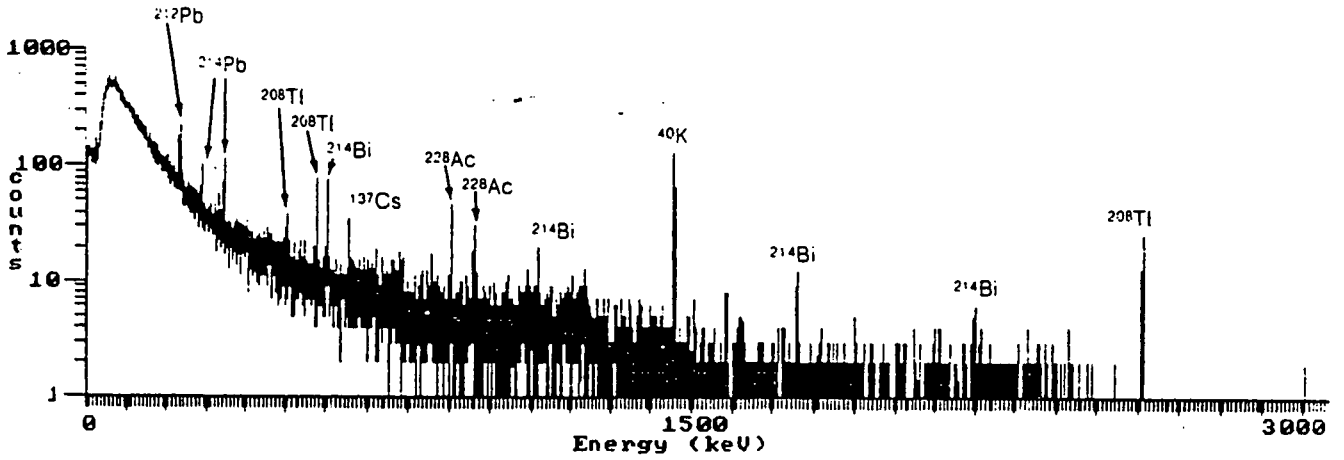

FIGURE 8. ***TYPCIAL BACKGROUND SPECTRUM***

Concentrations of prominent gamma emitting radionuclides were directly measured by application of a conversion factor to the observed photopeak count rate. This conversion factor was derived from a radiation transport model (summarized in Appendix A) using assumptions regarding depth distribution and soil sampling technique.

However, weak or non-gamma emitting radionuclide concentrations were inferred from concentrations of associated radionuclides which could be measured directly. Specifically, concentrations were inferred from measurements of other members of the same decay chain,[6] assuming certain conditions of equilibrium. For instance, radium-226 (^{226}Ra) was inferred from the daughters: lead-214 (^{214}Pb) and bismuth-214 (^{214}Bi). Likewise, thorium-232 (^{232}Th) was inferred from actinium-228 (^{228}Ac), lead-212 (^{212}Pb), and thallium-208 (^{208}Tl). Uranium-238 (^{238}U) was inferred from thorium-234 (^{234}Th) and protactinium-234m (^{234m}Pa).

It is often assumed that parent and progeny radionuclides of natural decay chains are in secular equilibrium in undisturbed soils. However, in most surface soils, secular equilibrium has been disturbed. This phenomenon is due to migration rates of each species being significantly different. Uranium and radium migrate within the soil matrix at different rates due to chemical processes within the matrix. Since they both have long half lives, the migration can be observed radiometrically (*i.e.*, even if the rate of transport is extremely slow, there is ample time for the phenomenon to become apparent, >10,000 years). In populated areas, man has also disturbed the equilibrium through his day-to-day activities of landscaping, construction, agriculture, etc. Therefore, it should not be surprising that surface soils exhibit disequilibrium.

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Exposure rate in μR/h at one meter above the ground for uniformly distributed mono-energetic gamma sources greater than 100 keV in the soil, whose concentration is given in pCi/g, can be approximated within 8% by the following expression:

$$R = C \cdot B \cdot (0.0011655 \cdot E - 0.040) \quad (1)$$

where

R = exposure rate in μR/h

C = concentration in pCi/g

B = branching fraction in g/dis

E = gamma energy in keV

The expression is based on the work of Beck, DeCampo, and Gogolak, HASL-258, Table 7.[3] NuMAI makes use of the above expression and provides an estimate of the external exposure rate for measured gamma ray energies. The estimates are reported with nuclide concentrations in Tables 2 and 3 (see pages 14 and 24).

Since every detectable photopeak within the measured spectrum was analyzed, it is useful to know how much activity of a radionuclide must be present before it can be sensed with any certainty. This is often referred to as the minimum detectable activity, MDA. The MDA for radionuclides present in the soil is a function of gamma ray energy, distribution in the soil matrix, other gamma emitting radionuclides present in the soil, the sensor and its geometry, count time, and analysis methodology; there are many factors that can affect MDA.

The analysis software, NuMAI, looks for a photopeak (signal) and then removes the continuum (background) resulting in net photopeak counts. Or:

$$N = T - B \quad (2)$$

where

N = net photopeak counts

T = total counts

B = background counts

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It follows then that:

$$\sigma = \frac{\mathrm{SQR}[N + (2 \cdot B)]}{S} \tag{3}$$

where

σ = standard deviation

S = count time

The MDA then is defined as:

$$\mathrm{MDA} = (3 \cdot \sigma) \cdot C \tag{4}$$

where

C = conversion factor normally in units of [(pCi/g)/cps] for distribute sources.

Typical values of MDA for the survey area are given in Table 1 for selected radionuclides. These values would apply for sources uniformly distributed over the field of view of the survey system and averaged over the top 3 cm (approximately 1.2 in). A generalized curve is provided (Figure 9) so that MDAs of other nuclides that may be of interest can be easily determined. The curve is based on a spectrum collected within the Rocky Flats Buffer Zone. The points that are displayed are computed MDAs from the Buffer Zone spectrum. MDAs can be determined from the curve by locating the gamma ray energy of the nuclide of interest on the X axis, moving up in the Y direction until the curve is intercepted, reading the activity value on the Y axis at the interception, and then dividing by the gamma ray branching fraction. This will yield MDA for the nuclide in units of pCi/g.

The system's sensitivity to point sources is also useful information. It is assumed that the net area in the photopeak comes from a point source at the edge of the field of view. This assumption renders a conservative posture, *i.e.*, point source MDA should typically be better than the reported value. The definition for point source MDA is the same for distributed

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Table 1. Typical MDAs for Rocky Flats Buffer Zone	
Source	**pCi/g**
$^{241/244}$Am	0.9
^{137}Cs	0.1
^{238}U	4.1
^{226}Ra	0.2
^{232}Th	0.2
^{40}K	0.2

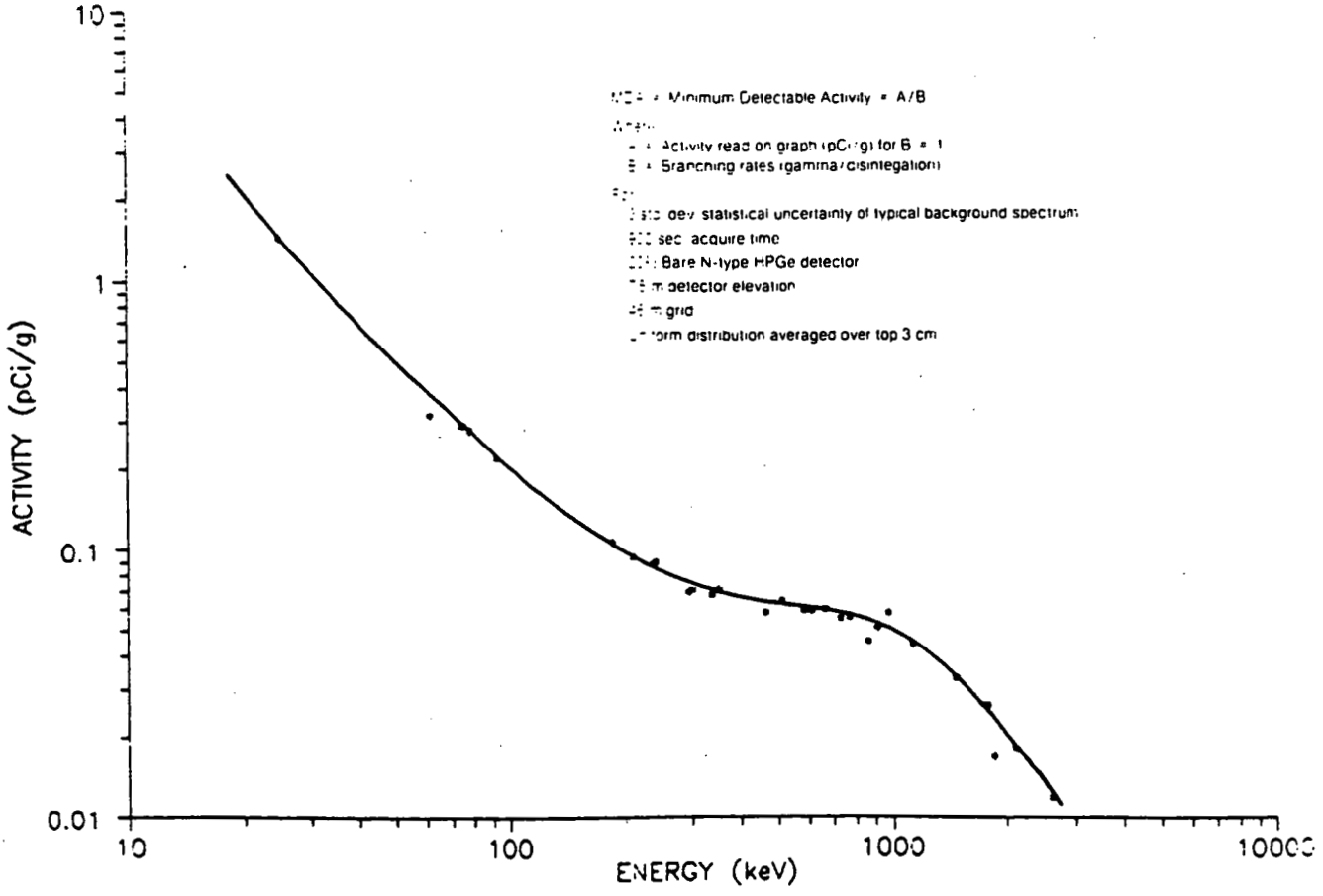

FIGURE 9. ***DISTRIBUTED SOURCE MDA CURVE***

sources with the exception of the conversion factor typically having units of (mCi/cps). A generalized curve is provided (Figure 10) so that MDAs of nuclides that may be of interest can

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be easily determined. The same method that is employed for determining distributed sources MDA from its MDA curve can be applied to point source MDA curve with the exception that the units will be in mCi.

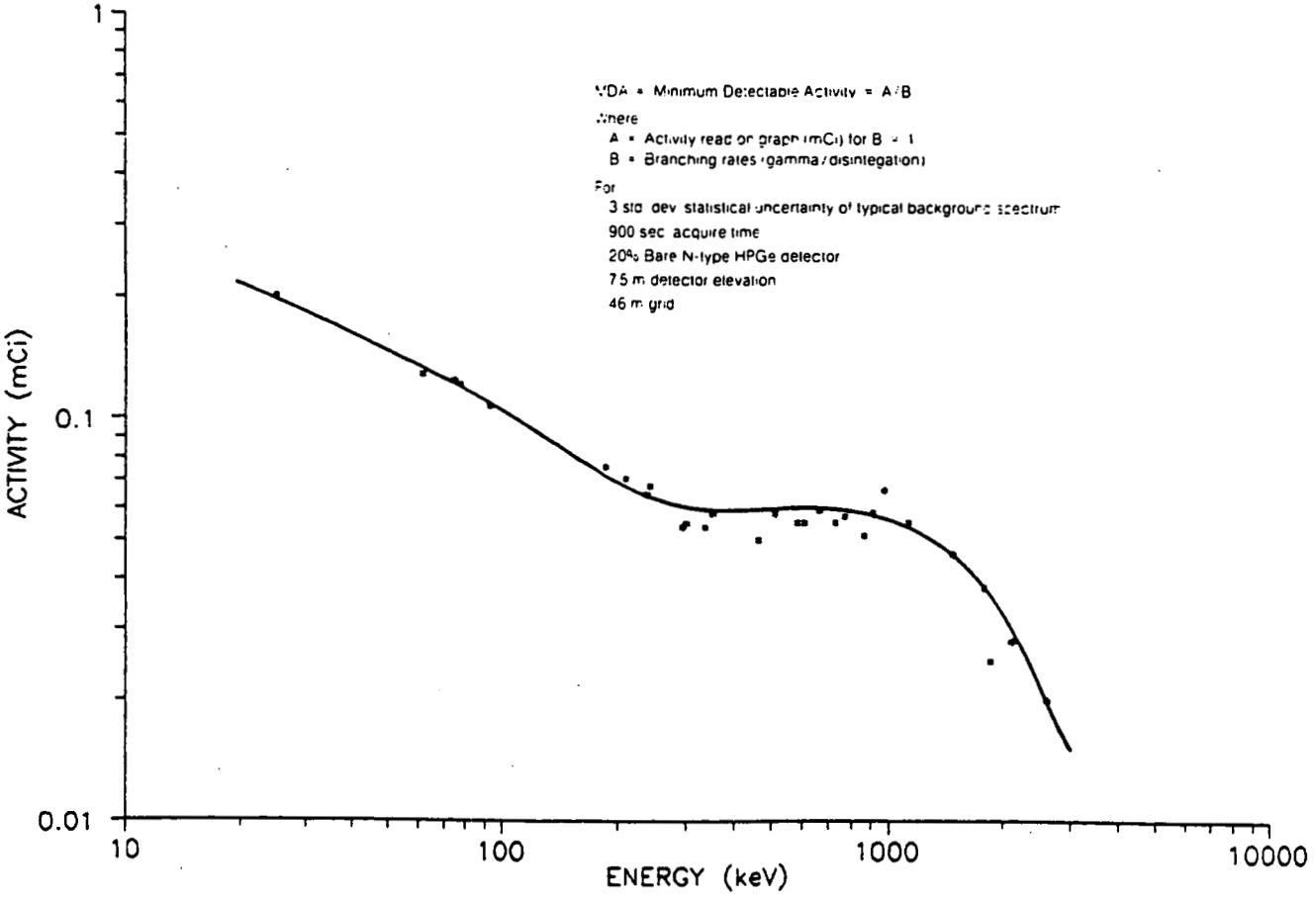

FIGURE 10. ***POINT SOURCE MDA CURVE***

5.1 Old Landfill Survey Results

The data presented in Table 2 are the results of the surveys conducted at the Old Landfill. As the table indicates, there is a location assignment based on the 46-m (150-ft) grid and based on the Colorado Grid Coordinate System. The results of the measurements are given in units of pCi/g. These results are based on a homogeneous, three-dimensional distribution of the species within the soil matrix and averaged over the top 3 cm (approximately 1.2 in) of soil.

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Table 2. Results of the Old Landfill Survey								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	U-238 pCi/g	Exposure μR/H
	North	East						
A,1	748015	2080894	7.7	1.0	1.0	0.5		5.1
A,2	748015	2081044	9.1	1.1	1.0	0.5		6.1
A,3	748015	2081194	9.7	1.1	1.2	0.4		6.4
A,4	748015	2081344	6.6	1.0	0.9	0.4		5.2
A,5	748015	2081494	7.8	1.0	0.9	0.1		5.6
A,6	748015	2081644	9.0	1.0	1.1	0.1		5.5
A,7	748015	2081794	10.0	1.1	1.0	0.1		6.1
A,8	748015	2081944	11.0	1.0	1.0			6.2
A,9	748015	2082094	11.0	0.9	0.9			5.9
A,10	748015	2082244	8.1	0.8	0.9			4.9
A,11	748015	2082394	10.0	0.9	1.1	0.2		6.0
B,1	747865	2080894	7.8	1.1	1.1	0.6		5.6
B,2	747865	2081044	9.6	1.0	1.1	0.4		5.7
B,3	747865	2081194	11.0	1.0	1.0	0.2		6.2
B,4	747865	2081344	8.0	1.1	1.0	0.1		5.4
B,5	747865	2081494	11.0	1.1	1.3	0.1		6.5
B,6	747865	2081644	9.1	0.9	1.0	0.2		6.0
B,7	747865	2081794	11.0	1.0	1.0	0.1	9.6	6.7
B,8	747865	2081994	11.0	0.8	1.0	0.1	19.0	5.8
B,9	747865	2082094	13.0	0.9	1.1			6.6
B,10	747865	2082244	13.0	0.9	1.3	0.1		7.5
B,11	747865	2082394	14.0	1.1	1.6	0.1		8.4
C,1	747715	2080894	10.0	0.9	1.3	0.5		6.7
C,2	747715	2081043	11.0	0.9	1.3	0.3		6.6
C,3	747715	2081194	13.0	1.0	1.5	0.2		8.3
C,4	747715	2081344	14.0	1.1	1.6	0.2		8.6
C,5	747715	2081494	15.0	1.2	1.4	0.1		7.8
C,6	747715	2081644	12.0	0.9	1.3	0.2		7.3
C,7	747715	2081794	12.0	1.0	1.1	0.1		6.3
C,8	747715	2081944	11.0	0.9	1.2	0.1	5.6	6.3
C,9	747715	2082094	12.0	0.9	1.3	0.2	6.0	7.0
C,10	747715	2082244	12.0	1.1	1.3	0.1		7.6
C,11	747715	2082394	14.0	1.0	1.5	0.1		7.6

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Table 2. Results of the Old Landfill Survey (Continued)								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	U-238 pCi/g	Exposure μR/H
	North	East						
D,1	747565	2080894	11.0	1.4	1.6	0.5		8.2
D,2	747565	2081044	11.0	1.2	1.3	0.5		7.5
D,3	747565	2081194	13.0	1.3	1.6	0.4	10.9	8.8
D,4	747565	2081344	13.0	1.1	1.6	0.4		9.0
D,5	747565	2081494	13.0	1.0	1.4	0.3		8.2
D,6	747565	2081644	13.0	1.0	1.4	0.1		7.5
D,7	747565	2081794	13.0	1.0	1.2	0.2		7.4
D,8	747565	2081944	13.0	1.1	1.3	0.2		7.6
D,9	747565	2082093	14.0	1.1	1.4	0.3		8.2
D,10	747565	2082244	14.0	1.1	1.5	0.4		8.3
D,11	747565	2082394	11.0	1.1	1.4	0.4		7.2
W,1	747126	2080789	13.0	1.2	2.0	0.4	3.0	5.9
W,2	747262	2080905	14.0	1.3	2.1	0.5	4.7	6.5
W,3	747341	2081136	8.8	2.8	1.3	0.4	2.8	6.6
W,4	747366	2081294	12.7	3.5	1.6	0.3		8.3
W,5	747429	2081459	12.2	0.9	1.1			6.7
W,6	747471	2081644	13.0	1.0	1.3	0.1		4.8
W,7	747440	2081780	13.8	1.0	1.2	0.1		7.2
W,8	747408	2081944	12.3	1.1	1.7	0.5	4.9	5.7
W,9	747398	2082094	15.3	1.0	1.6	0.5		6.1
W,10	747419	2082265	12.6	1.0	1.4	0.5		5.3
W,11	747471	2082425	14.5	1.1	1.6	0.5	4.3	6.0
P,2	747656	2082336	12.0	0.9	1.2	0.1	6.9	4.3
P,3	747644	2081300	14.0	0.9	1.7	0.1		5.5
P,4	747760	2081276	14.3	0.8	1.3	0.3		5.1
O,5	747192	2078408	15.0	1.1	1.9	0.6	3.7	6.3
O,6	747199	2078558	15.3	1.3	2.3	0.5	11.0	7.0
O,7	747192	2078708	12.9	1.2	2.0	0.5	2.9	6.3
O,8	747248	2078858	12.7	1.4	2.2	0.5	3.7	6.5
O,9	747274	2079008	13.8	1.2	2.0	0.5	2.5	6.2
SP,1	747980	2081120	10.0	0.9	1.1	0.4		6.1
SP,2	747882	2081190	9.9	1.1	1.0	0.2	19.0	6.4

These data were then processed with SURFER using the Kriging option in an effort to display the data as isoconcentration contours for trend analysis. Figures 11 through 15 are the results of that effort overlaid on an aerial photograph.

The data taken along Woman Creek are provided in Table 2, but are not presented as part of the isoconcentration contours. This was done because the sampling pattern did not conform to the uniform grid used during the latter survey. SURFER tended to distort the data when the two data sets of the surveys were combined.

Most of the spectra collected indicated that the nuclides present were consistent with natural background. Figure 16 is an example of a spectrum indicating an elevated level of ^{238}U. Figure 17 shows the results of analysis of the spectrum presented by Figure 16. The generated isoconcentration contours tended to spread activity over a larger area and at a lower level than actually existed on the ground. In fact, at Colorado Grid Coordinate N-747882, E-2081190, the activity appeared to be confined to an area of less than a square meter (<11 square feet) and had an activity greater than 500 pCi/g. The contour software has averaged the activity over several square meters and reduced the activity to less than 10 pCi/g.

5.2 Survey Results, Area East of 903 Pad

The data presented in Table 3 are the results of the survey conducted east of the 903 Pad. As the table indicates, there is a location assignment based on the 46-m (150-ft) grid and based on the Colorado Grid Coordinate System. The results of the measurements are given in units of pCi/g. These results are based on a homogeneous, three-dimensional distribution of the species within the soil matrix and averaged over the top 3 cm (approximately 1.2 in) of soil. These data were then processed using SURFER in an effort to display the data as isoconcentration contours for trend analysis. Figures 18 through 22 are the results of that effort overlaid on an aerial photograph.

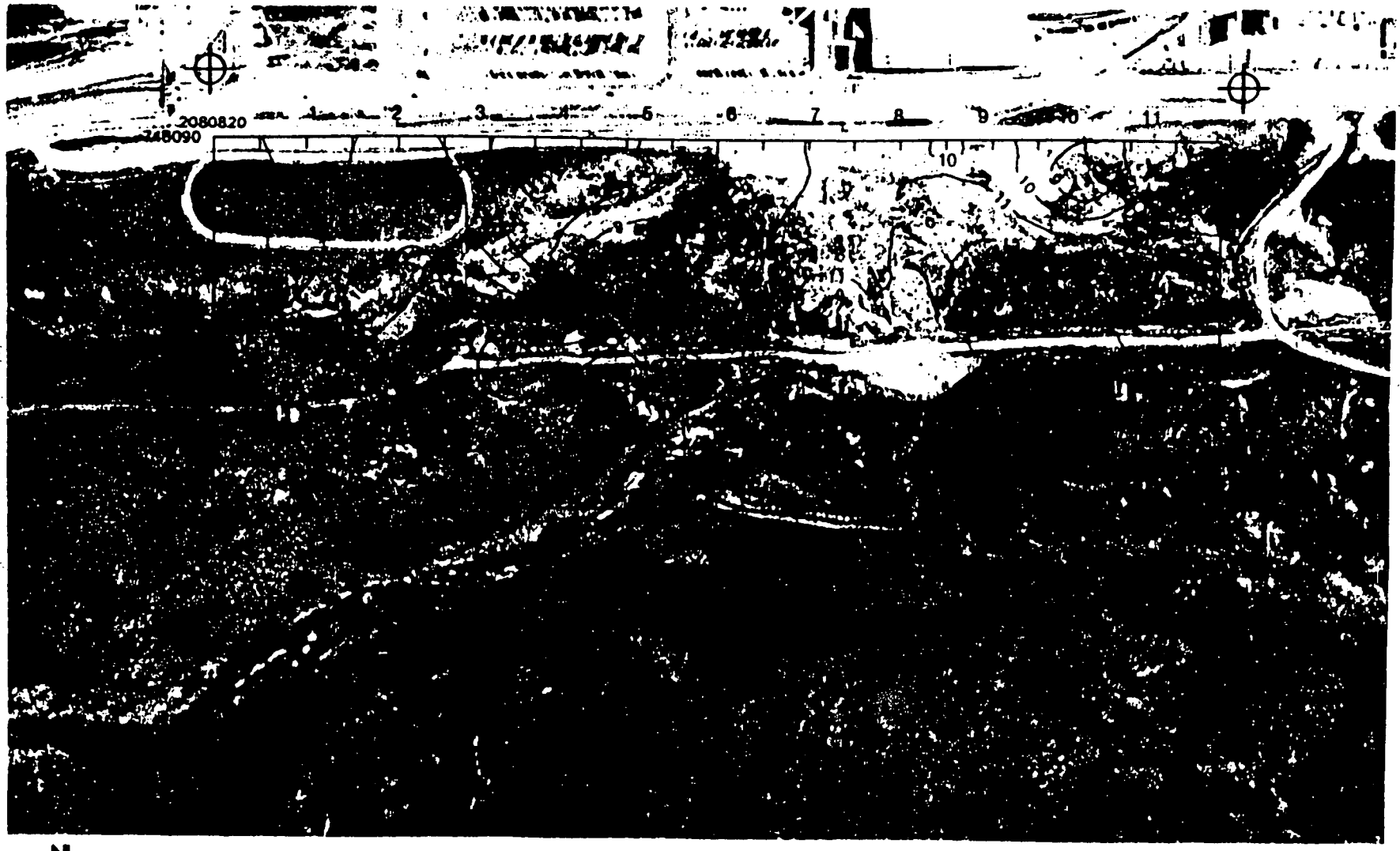

FIGURE 11. *OLD LANDFILL ^{40}K (pCi/g) ISOCONCENTRATION CONTOURS*

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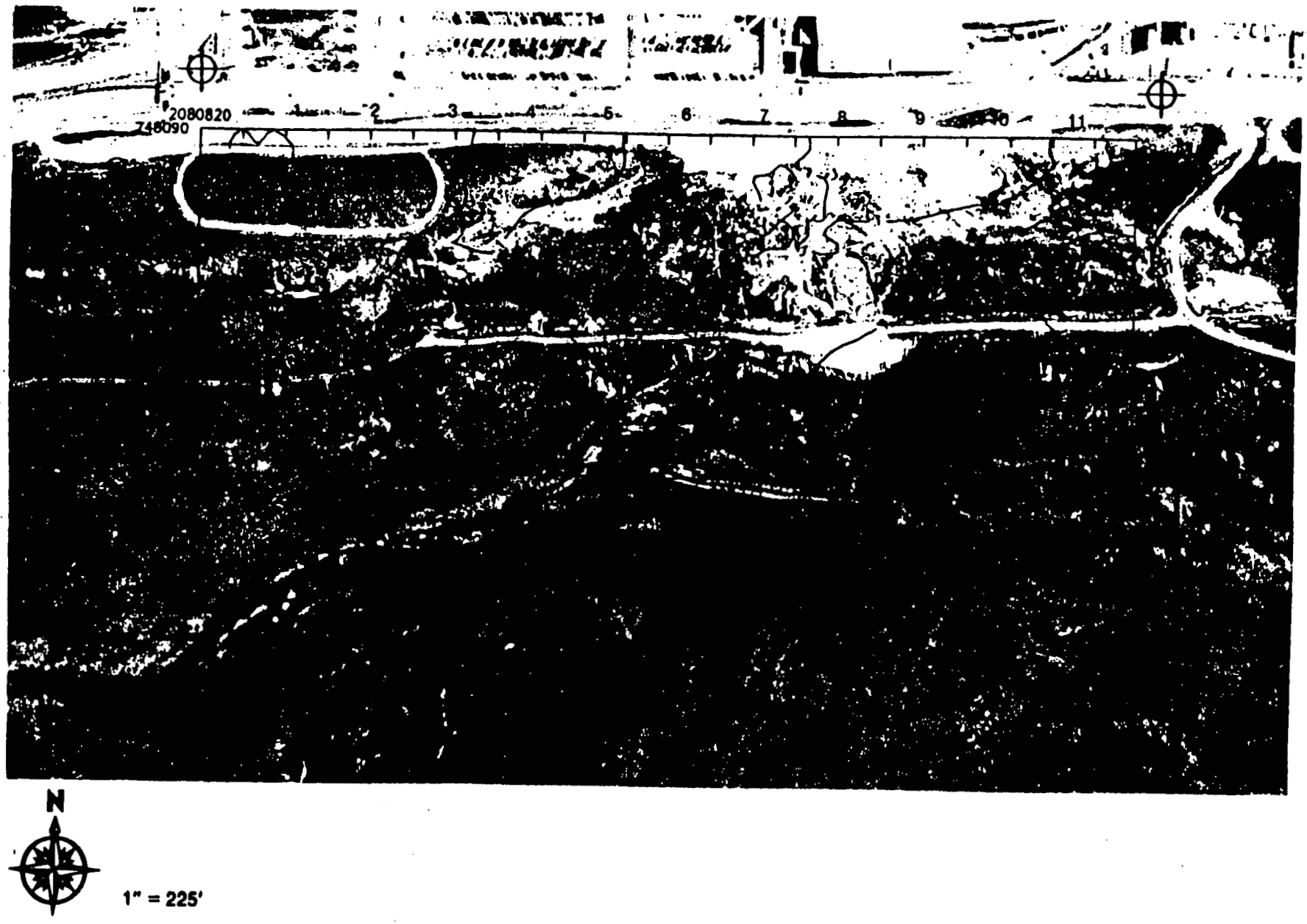

FIGURE 12. *OLD LANDFILL ^{232}Th (pCi/g) ISOCONCENTRATION CONTOURS*

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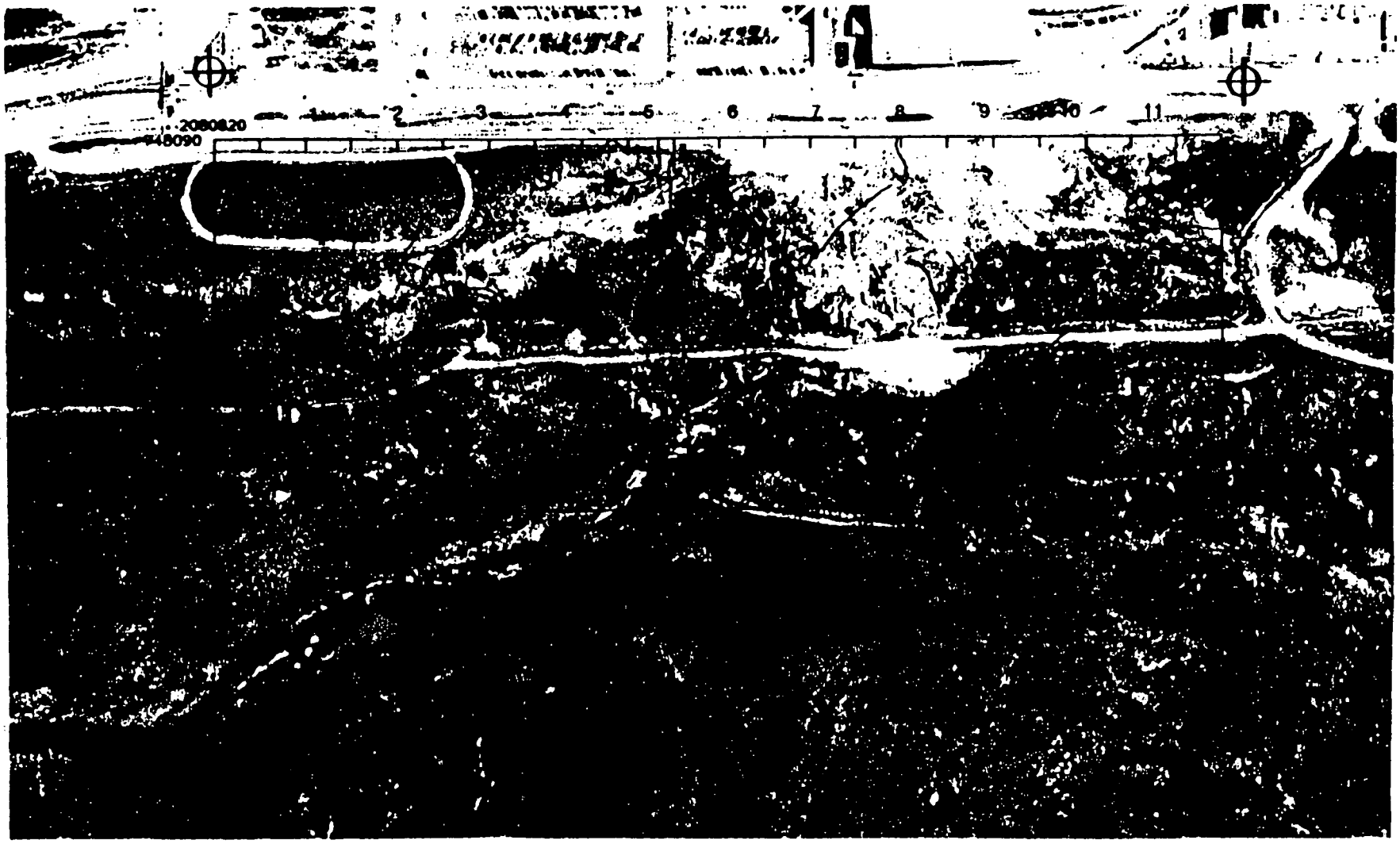

FIGURE 13. *OLD LANDFILL ^{226}Ra (pCi/g) ISOCONCENTRATION CONTOURS*

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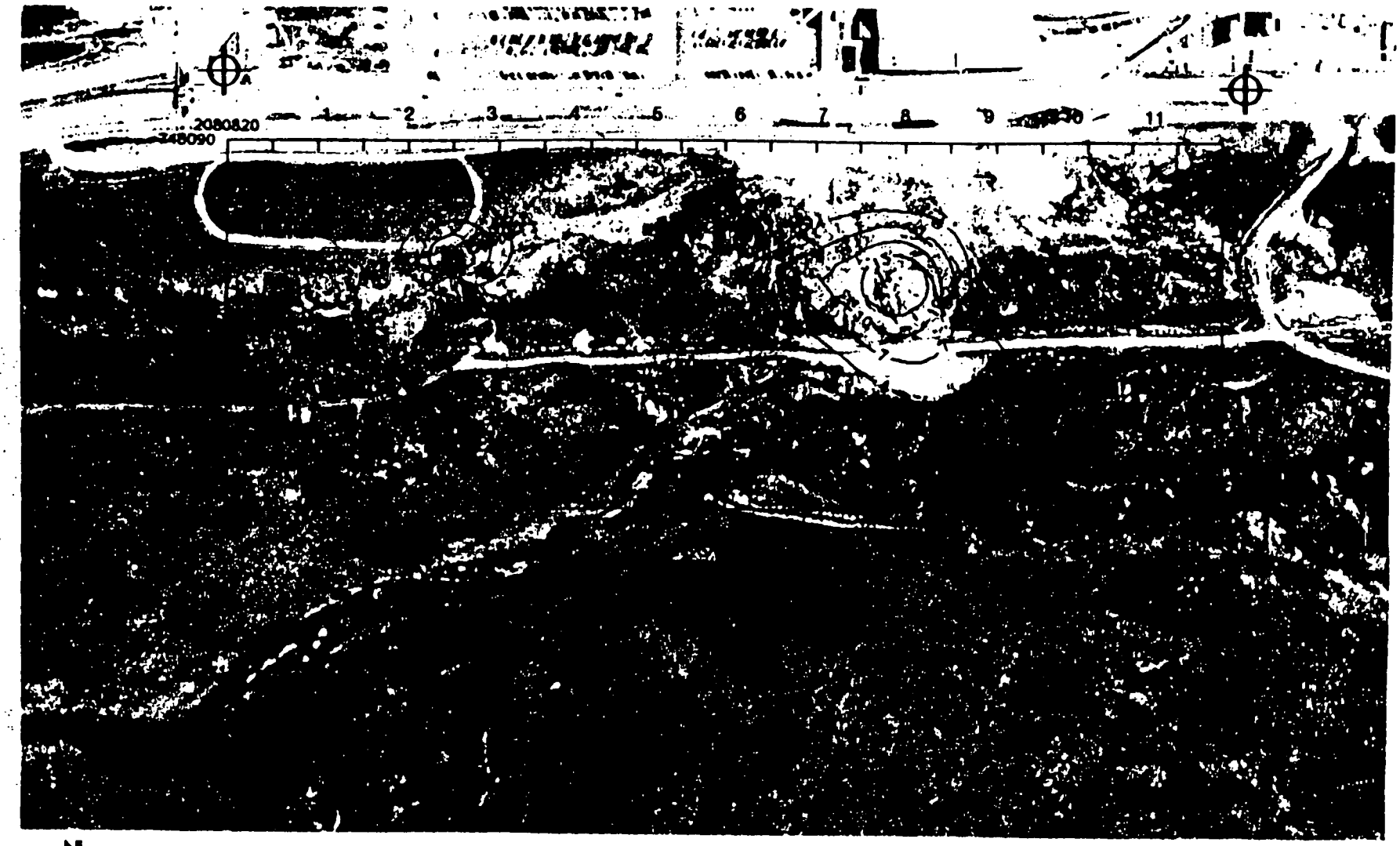

FIGURE 14. *OLD LANDFILL ^{238}U (pCi/g) ISOCONCENTRATION CONTOURS*

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FIGURE 15. *OLD LANDFILL ^{137}Cs (pCi/g) ISOCONCENTRATION CONTOURS*

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Energy (keV)	Net Count	Background Count	Error (%)	Isotope	Photo-peak	Activity (pCi/g)
63.8	267.6	4,590.4	36	Th-234	63.2	7.4
93.0	550.9	3,749.1	16	Th-234	92.6	8.9
186.4	214.8	1,365.2	25	U-235	185.7	.28
				Ra-226	186.1	4.4
238.6	586.3	792.7	8	Pb-212	238.6	1.0
				Th-232	238.6	.99
242.2	84.7	740.3	47	Pb-214	241.9	.86
295.2	248.6	463.4	14	Pb-214	295.2	1.1
338.3	123.6	374.4	24	Ac-228	338.4	1.1
352.1	453.7	322.3	7	Pb-214	351.9	1.2
510.4	214.5	173.5	11	Tl-208	510.8	1.0
583.1	358.4	133.6	7	Tl-208	583.1	.49
				Th-232	583.1	1.4
609.3	339.5	142.5	7	Bi-214	609.3	.96
661.4	116.2	111.8	16	Cs-137	661.6	.18
860.9	50.7	61.3	26	Tl-208	860.4	.56
911.2	206.8	70.2	9	Ac-228	911.1	1.1
				Th-232	911.1	1.1
968.9	124.3	84.7	14	Ac-228	968.9	1.2
1,001.1	68.1	51.9	19	Pa-234	1,001.0	19.
1,120.3	109.7	71.3	14	Bi-214	1,120.4	.94
1,238.4	63.2	68.8	22	Bi-214	1,238.1	1.6
1,377.9	41.9	29.1	24	Bi-214	1,377.7	1.6
1,460.8	680.7	20.3	4	K-40	1,460.8	9.9
1,764.8	86.0	9.0	12	Bi-214	1,764.0	.88
2,204.3	37.5	7.5	19	Bi-214	2,204.1	1.4
2,615.2	199.0	.0	7	Tl-208	2,614.6	.42

FIGURE 17. *SAMPLE OUTPUT OF THE ANALYSIS OF SPECTRUM WITH ELEVATED LEVEL OF ^{238}U*

Table 3. Survey Results, Area East of 903 Pad								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	Am-241 pCi/g	Exposure μR/H
	North	East						
A,1	749925	2086582	13.0	0.8	1.2	0.3		7.2
A,2	749925	2086732	9.4	0.9	1.1	0.5	1.4	6.3
A,3	749925	2086882	9.2	0.8	1.1	0.5	1.8	6.0
A,4	749925	2087032	7.6	0.9	1.0	0.6	2.2	5.6
A,5	749925	2087182	7.2	0.8	1.1	0.7	2.2	5.4
A,6	749925	2087332	9.1	0.8	1.0	0.5	1.6	5.6
A,7	749925	2087482	9.1	0.8	1.1	0.6	1.7	6.1
A,8	749925	2087632	8.4	0.8	1.0	0.5	1.1	5.3
A,9	749925	2087782	12.0	0.8	1.1	0.2		6.2
A,10	749925	2087932	18.0	0.9	1.3	0.3		8.3
A,11	749925	2088082	11.0	1.0	1.0	0.4	0.9	6.5
A,12	749925	2088232	9.3	1.0	1.1	0.6	1.8	5.7
A,13	749925	2088382	8.7	0.9	1.1	0.6	2.1	5.4
A,14	749925	2088532	12.0	0.8	1.1	0.4	0.9	6.8
B,1	749775	2086582	16.0	0.9	1.2	0.1	1.0	7.9
B,2	749775	2086732	9.9	0.7	1.1	0.5	2.8	5.9
B,3	749775	2086882	8.3	0.7	1.0	0.3	2.8	5.0
B,4	749775	2087032	8.4	0.8	0.9	0.5	2.4	4.8
B,5	749775	2087182	8.9	0.7	1.0	0.4	1.2	5.4
B,6	749775	2087332	11.0	0.9	1.0	0.3	1.3	6.3
B,7	749775	2087482	11.0	0.8	1.0	0.4	1.4	6.4
B,8	749775	2087632	18.0	0.8	1.2	0.2		8.5
B,9	749775	2087782	9.9	1.1	1.0	0.6	2.3	6.7
B,10	749775	2087932	7.9	1.1	1.0	0.8	3.6	6.0
B,11	749775	2088082	8.2	1.2	1.1	0.7	2.4	6.2
B,12	749775	2088232	7.4	1.0	1.2	0.6	1.3	5.7
B,13	749775	2088382	9.1	1.1	1.2	0.6	1.5	6.3
B,14	749775	2088532	11.0	1.0	1.3	0.4	0.8	6.6
C,1	749625	2086582	18.0	1.0	1.3	0.1		8.1
C,1	749625	2086582	24.0	1.3	1.6			8.1
C,2	749625	2086732	12.0	0.8	1.0	0.2	1.4	6.3

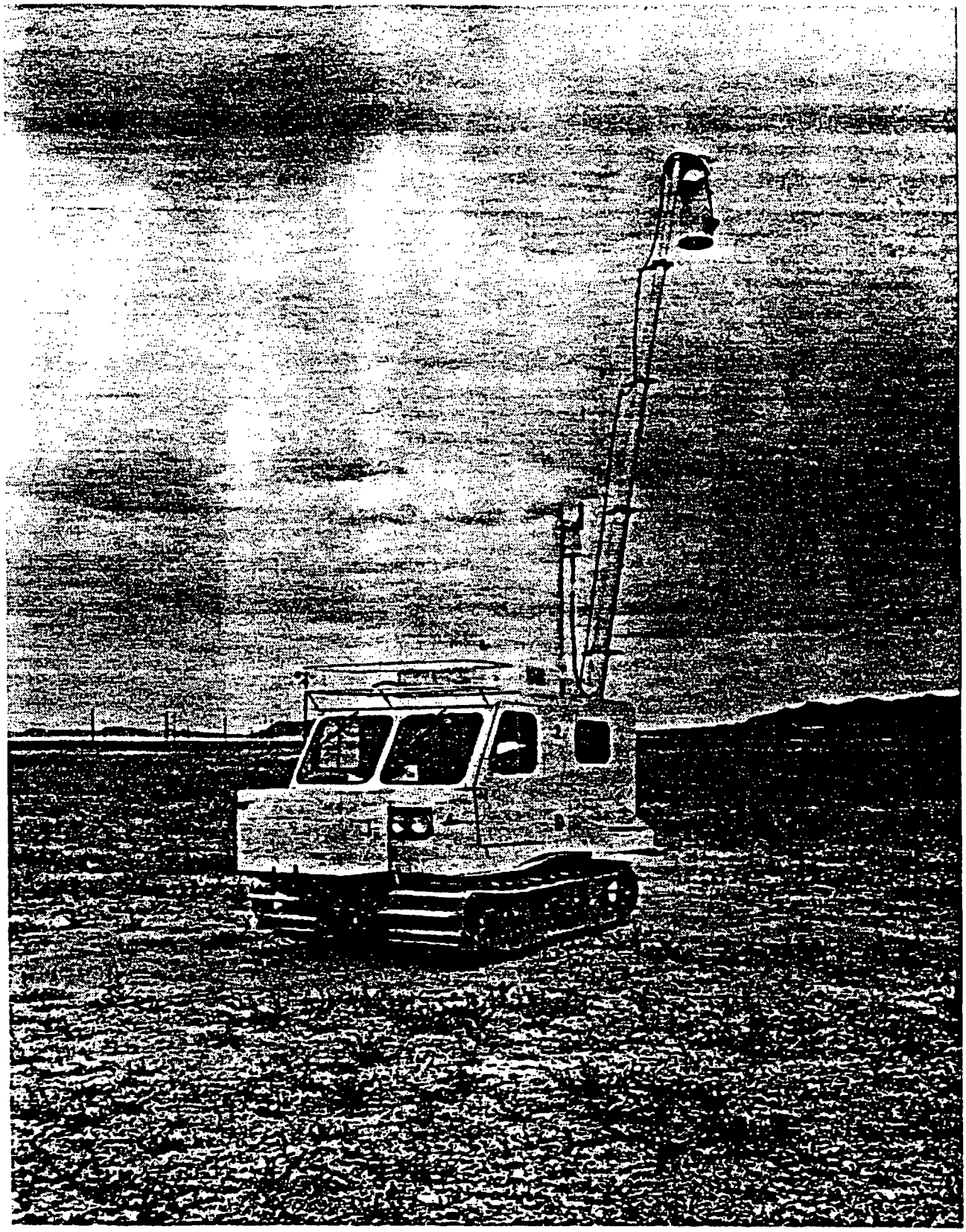

Figure 1. In situ gamma analysis system.

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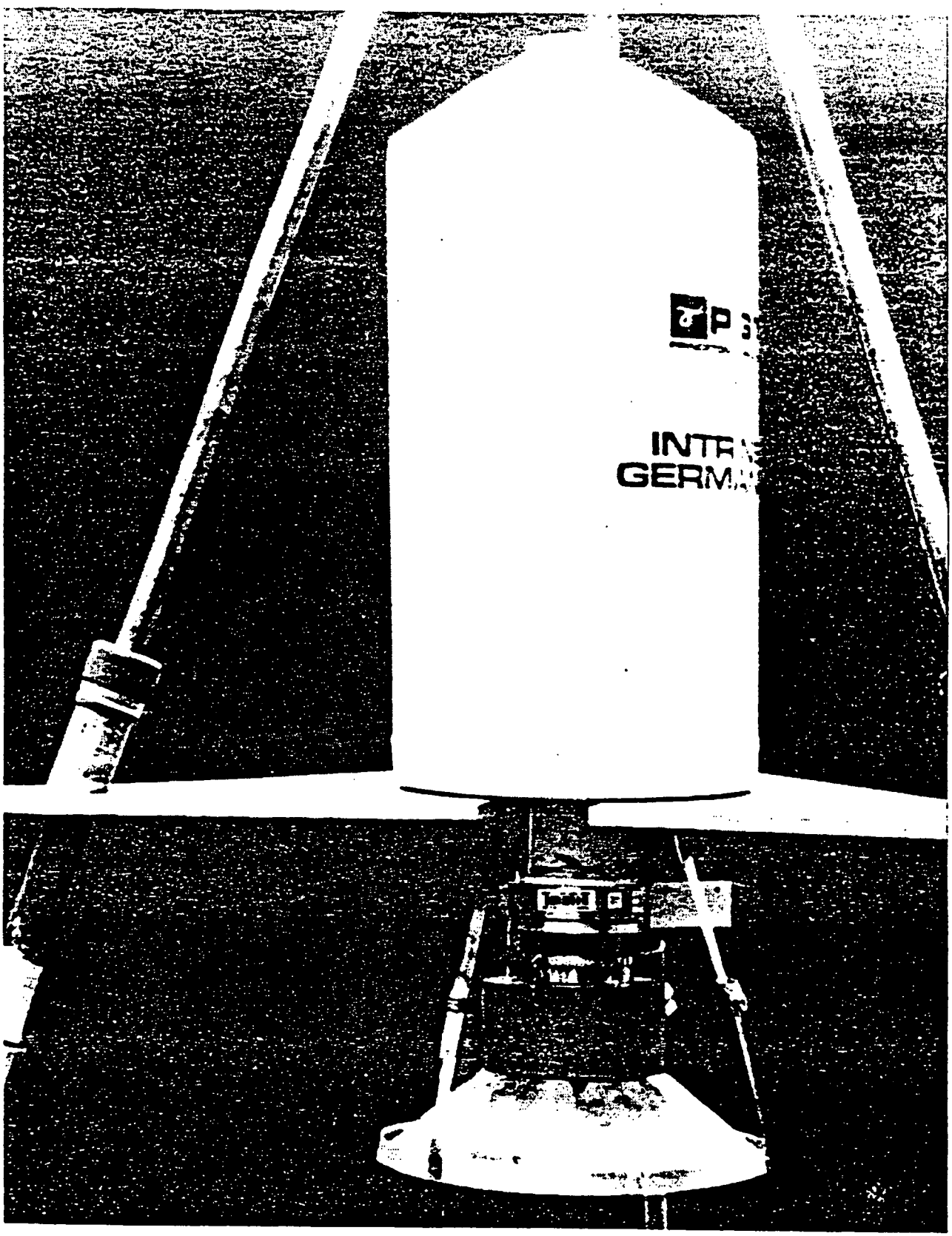

Figure 2. High purity germanium (HPGe) detector and collimator shield.

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was 50° from the vertical; however, the cut-off angle at which gammas could not enter the crystal (detector) was approximately 60° for gammas with energies between 0 and 300 keV.

The shield was not perfect for gammas with energies greater than 300 keV. That is, a certain fraction of total flux measured by the detector was from angles greater than 60°. This fraction was dependent upon the source energy and its distribution in the soil. Figure 3 displays this fraction of the total flux measured by the detector as a function of energy and several source distributions.

The detector was calibrated using laboratory point source angular response measurements folded into a sensitivity computation. Several HPGe detectors were used with the in situ system. Each detector of the same design had a similar angular response with the shield mounted in place. There were, however, some variations in the absolute efficiency between the detectors. Conversion factors were generated based on the angular response of one detector (see Figure 4) and were applied to the other detectors with a relative response factor folded in. The relative response factor was used to correct for differences in the absolute efficiency of each detector. Detector efficiencies were checked periodically and relative response factors were adjusted as necessary.

Minimum Detectable Activity (MDA)

The minimum detectable soil activity for the in situ gamma system was dependent on the signal count rate and the background count rate. The in situ system used a photopeak (signal) energy window and two background windows on either side of the signal window such that the total width of the background windows was equal to the width of the signal window. Then:

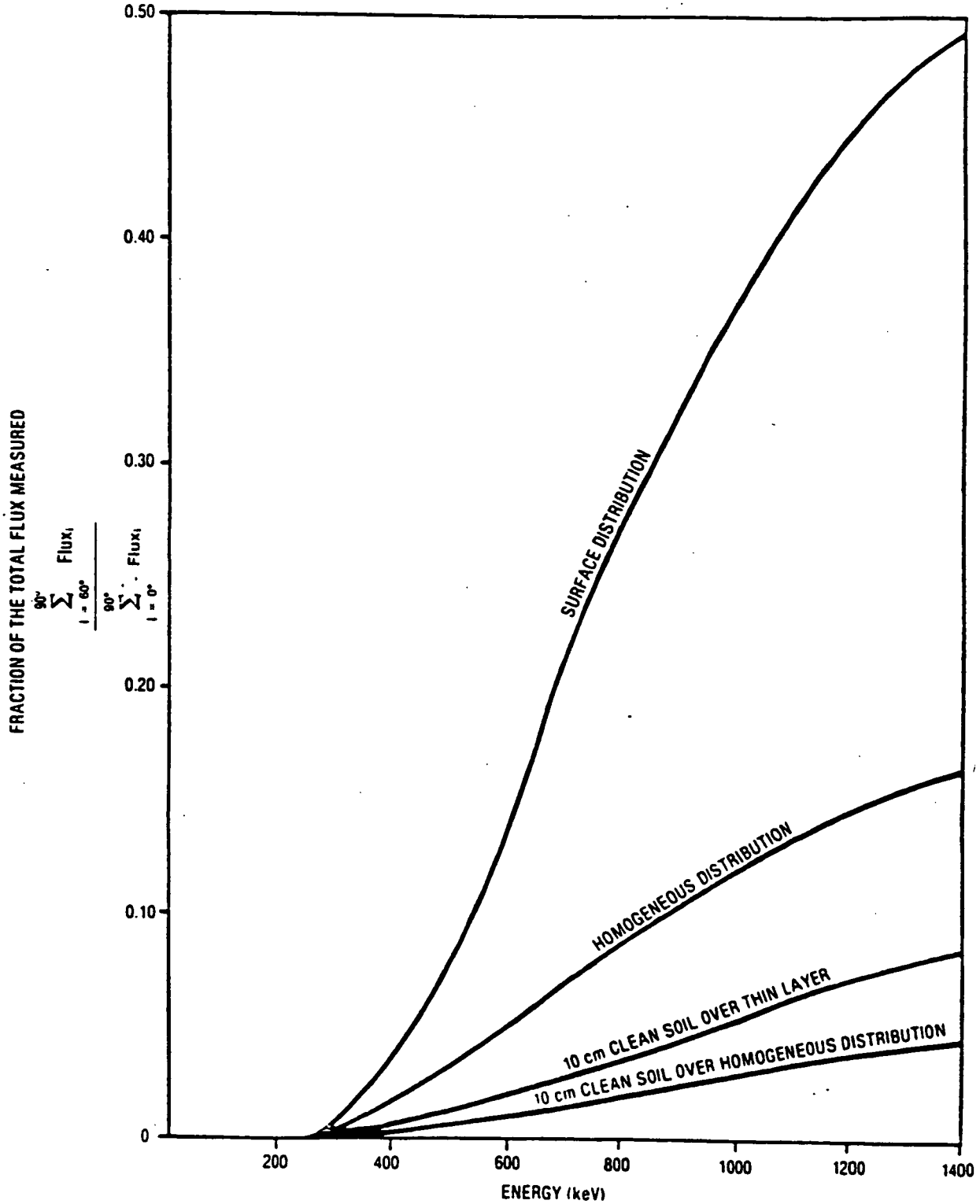

Figure 3. Fraction of the total flux measured by the shielded planar detector that arrives between 60° and 90° from the vertical.

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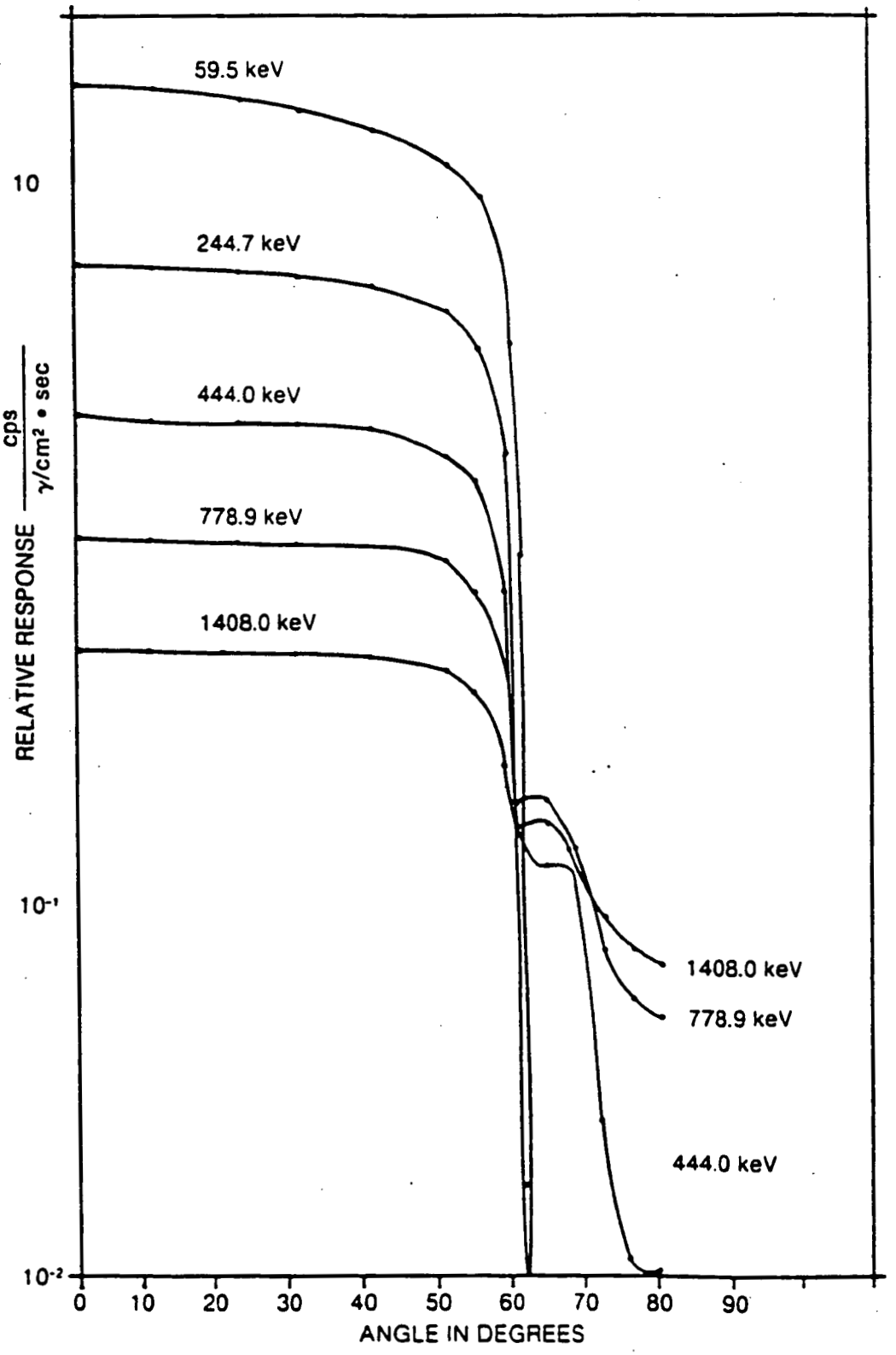

Figure 4. Response of planar detector 635 with collimator shield.

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$$S = T - B \quad (1)$$

where: S = signal count

T = total count in signal window

B = background count

since: $S = S + B - B$

then: $\sigma S = \sqrt{S + 2B} \quad (2)$

where: σS = standard deviation when normal statistics apply.

In the case where the radionuclide emits multiple gammas or, as in the cases of uranium and thorium, where a chain in secular equilibrium has multiple characteristic gammas, several of the available photopeaks are normally analyzed. The result is then expressed as a weighted average; i.e., each photopeak signal is weighted by one over the square of its standard deviation or:

$$\text{AVERAGE} = \frac{\frac{S_i}{\Sigma\, \sigma i^2}}{\frac{\Sigma\ 1}{\sigma_i^{\,2}}} \pm \sqrt{\frac{1}{\Sigma\, \sigma_i^{\,2}}} \quad (3)$$

The system MDA for radionuclides with only one characteristic gamma ray was defined as that level of signal (defined by Equation 1) which was three times its standard deviation (defined by Equation 2). The system MDA for radionuclides with multiple gamma rays was defined as:

$$\text{MDA} = 3 \sqrt{\frac{1}{\Sigma \frac{1}{\sigma_i^{\,2}}}} \quad (4)$$

and at least 51% of the photopeaks from each nuclide searched for had to be detected.

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The software in the computer of the in situ system evaluated specific photopeaks in real time from the energy spectrum obtained from each measurement. The results were printed out immediately for interpretation by the operator. These results included the isotope name, concentration in the soil, and exposure rate. Table 1 lists the routinely monitored radionuclides and the associated gamma ray energies.

Figure 5 is a sample printout from the in situ system computer. The trip level for isotopic identification was two standard deviations. This was done in an effort to identify possible weak trends in isotopic activity.

Table 1. Radionuclides and associated gamma ray energies routinely monitored by the in situ system

Source	Energy (keV)
K 40	1460.8
Mn 54	834.8
Co 60	1173.2 1332.4
Rh 101	127.2 197.9 326
Rh 102	475.1 697.5 766.8 1046.6
Ru 106	621.8
Sb 125	427.9 463.4 600.6

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Table 1. (Continued)

Source	Energy (keV)
Ba 133	81
	302.7
	355.9
Cs 134	604.6
	795.8
	801.8
Cs 137	661.6
Eu 152	39.5
	121.8
	244.7
	344.2
	411.1
	444
	778.9
	964
	1408
Eu 154	591.8
	723.3
	873.2
	1004.8
	1274.5
Eu 155	60
	86.5
	105.3
Lu 174	76.5
	1241.8
Th 232	238.6
	583.1
	911.1
U 238	186.1
	351.9
	609.3
	1120.4
Pu 239	129.3
Am 241	59.5

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```
SITE: SEDAN        STAKE: W   38719     78620          RUN: PS 766
DATE: 9072     TIME: 1328     DAY: 250     RAIN: NO     VEHICLE:  2
DETECTOR:  386   COLLIMATOR: ON       DETEC HEIGHT (m): 7.4
SHADOW %: 4        BRUSH COVER %: 10   ION CHAMBER (uR/Hr): 25
COUNT TIME: 900  CLOCK TIME: 902  CHANNELS: 4096    PRGM: 8052

COMMENTS: SEDAN#227 GROUND ROCKY
```

RADIONUCLIDE	CONCENTRATION (pCi/g)	CONCENTRATION (mCi/km^2)	EXPOSURE RATE (uR/Hr)
K- 40	22.1 +- 2.0		3.9 +- 0.4
U- 238	1.1 +- 0.3		2.1 +- 0.6
Th 232	1.6 +- 0.3		4.6 +- 0.8
Am 241		281 +- 53	0.0 +- 0.0
Co 60		261 +- 23	4.7 +- 0.4
Cs 137		1594 +- 57	6.9 +- 0.2
Eu 155		104 +- 38	0.0 +- 0.0
Rh 101		39 +- 12	0.1 +- 0.0
Rh 102		405 +- 27	1.1 +- 0.1

```
Am-241 CORRECTED FOR Eu-155: 277  +- 55

*ENERGY CAL: OK*

SUBTOTAL EXTERNAL EXPOSURE RATE DUE TO
NATURALLY OCCURRING RADIONUCLIDES (uR/Hr): 10.6    +- 1.7

TOTAL EXTERNAL EXPOSURE RATE (uR/Hr): 23.4    +- 2.4
```

Figure 5. Sample computer printout.

System depth-of-view

Gammas originating in the soil are attenuated such that the number of uncollided gammas reaching the detector decreases exponentially with depth of birth in the soil. The mean free path (MFP), in g/cm, defines the maximum depth above which 63% of the uncollided gammas seen by the detector originate. At the outer edges of the detector's circle-of-view (60°), this depth is about one-half the maximum due to the increased gamma path length from the point of origination through the soil to the detector. Thus, gamma attenuation by the soil limits the depth to which gamma-emitting isotopes may be measured. Figure 6 indicates the maximum depths at which 63% (one MFP) and 95% (three MFP's) of a uniform distribution of gammas are measured.

Exposure Rate Computation

It is convenient to convert the measured concentrations of radionuclides to an equivalent exposure rate using the tables of Beck.[1] The results of the conversion are printed by the computer as shown in the sample printout (Figure 5). The contributions from each species and series of radioactive isotopes are summed to provide an estimate of the external gamma exposure rate at 1 meter above the ground.

Microwave Ranging System

The microwave ranging system was a Mini-Ranger III positioning system (MRS III) manufactured by Motorola, Inc. The system consisted of a console mounted inside the in situ system vehicle, a receiver/transmitter mounted on top of the system vehicle, and two or more reference stations whose locations were accurately known. The reference stations were repetitively interrogated by the receiver/transmitter. The average roundtrip time of travel of the pulsed microwave signal was used to determine the range of the in situ system to the reference station. A pair of ranges was used to determine the location of the in situ system (Figure 7).

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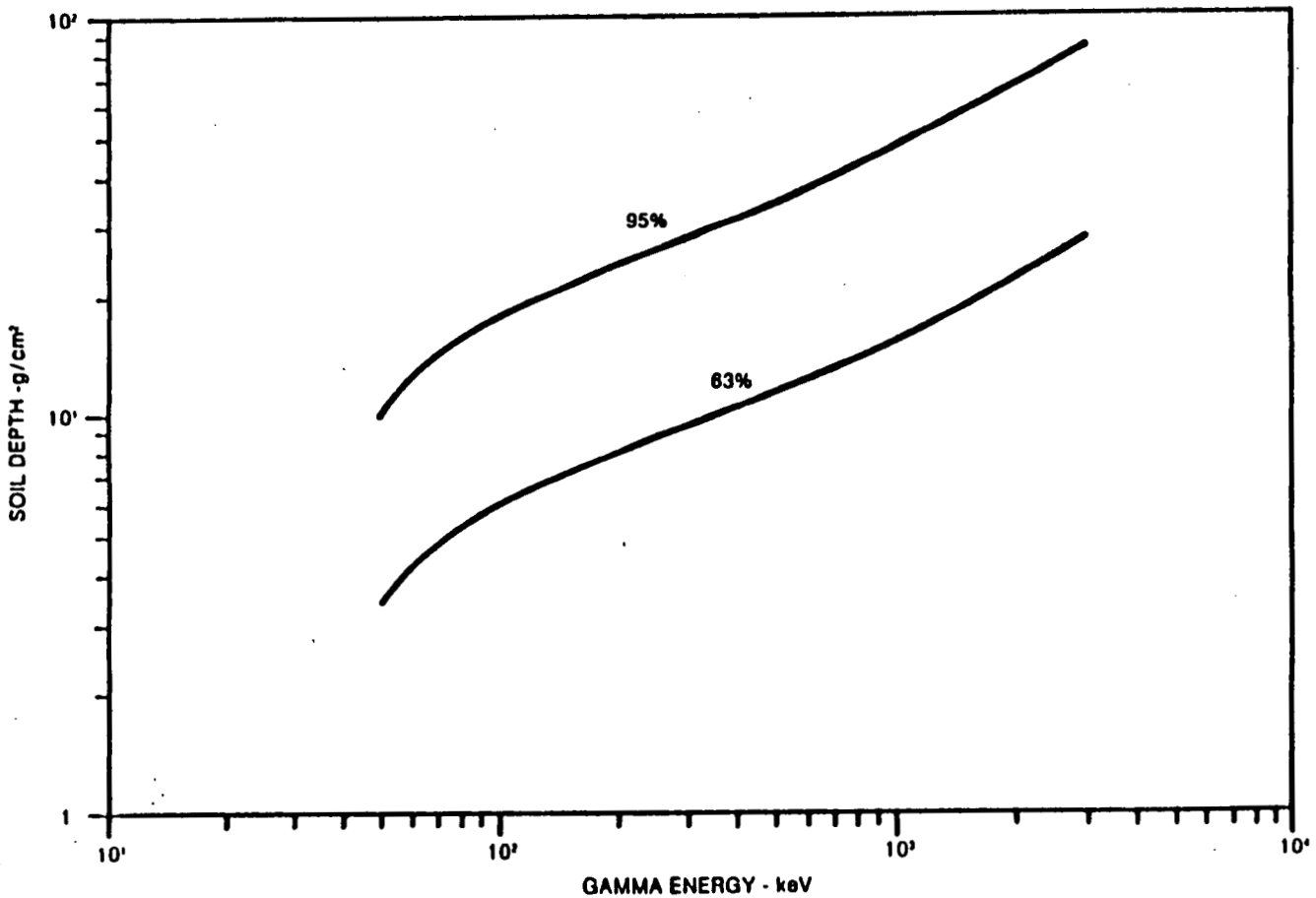

Figure 6. Maximum soil layer thicknesses from which 63% and 95% of the gamma flux originates as seen by the in situ survey system.

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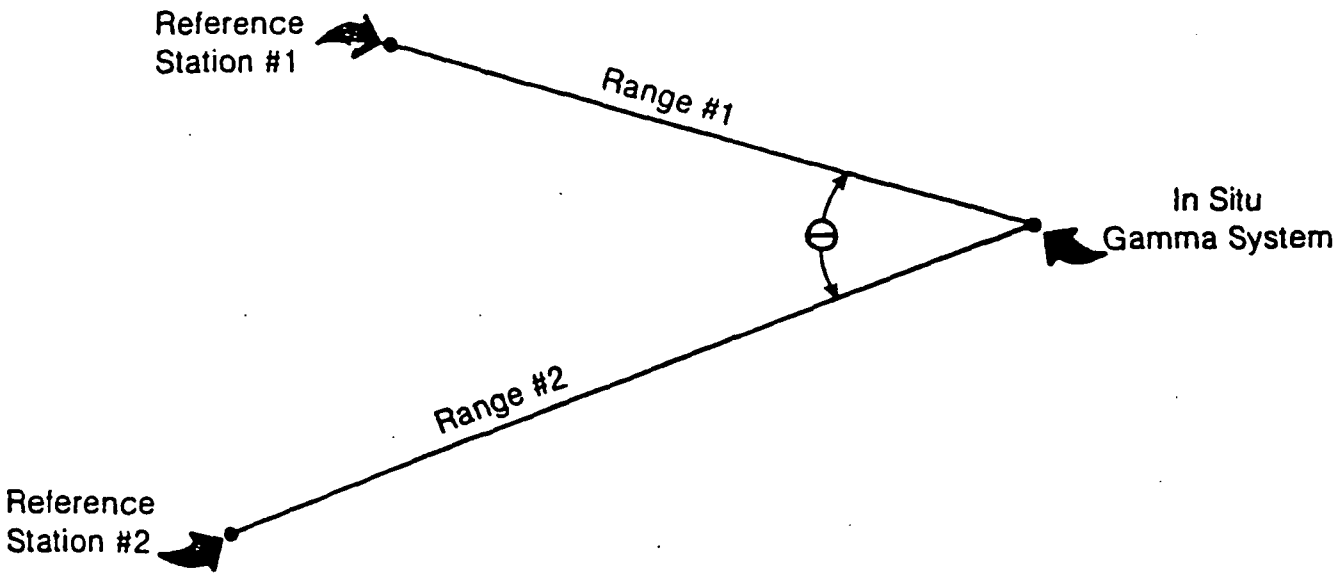

Figure 7. Geometry of the microwave ranging system.

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The uncertainty of the in situ system's location varied over the survey area because it was a function of systematic, geometric, and statistical uncertainties. The systematic error was due primarily to the receiver/transmitter position relative to the detector. The detector was positioned several feet behind the in situ vehicle when a measurement was taken. This could have introduced an error of as much as ± 3 meters in a range value.

The statistical uncertainty was due primarily to variations in signal propagation time in the atmospheric and electronic circuitry of the receiver/transmitter console and the two reference stations. The manufacturer quotes a typical range accuracy of ± 2 meters.

The geometric uncertainty was due to the angle between the receiver/transmitter and the two reference stations. This can be expressed as:

$$G = \frac{S}{\text{Sin } \frac{(\theta)}{2}} \qquad (5)$$

where: G = Geometric uncertainty
S = Statistical uncertainty (typically ± 2 meters)
θ = Angle between the receiver/transmitter and the two reference stations (Figure 7)

These uncertainties were combined at each measurement location. Typically, the position of the in situ system could be determined with an accuracy of ± 10 meters at distances up to 60 km from the reference stations.

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The unscattered flux of gamma rays of energy E at a height above a smooth air-ground interface due to an emitter distributed in the soil is given by (see Figure 8):

$$\Phi = \int_0^\infty \int_0^\infty \frac{S_v}{4\pi r^2} \exp\left[-(\mu/\rho)_a \rho_a r_a\right] \exp\left[-(\mu/\rho)_s \rho_s r_s\right] 2\pi x \, dx \, dz \qquad (6)$$

where

S_v = the activity per unit volume $\frac{(\gamma/sec)}{cm^3}$,

$r = r_a + r_s$,

$(\mu/\rho)_a, (\mu/\rho)_s$ = the air and soil mass attenuation coefficients $\frac{cm^2}{g}$ and

ρ_a, ρ_s = the air and soil density (g/cm^3)

This expression assumes a source distribution which varies only with depth. For fallout activity the distribution after a period of time can be reasonably approximated by an exponential distribution given by:

$$S_v = S_v^o e^{-\alpha z} \qquad (7)$$

where:

S_v^o = the activity per unit volume at the surface and

α = the reciprocal of the relaxation length (cm^{-1}).

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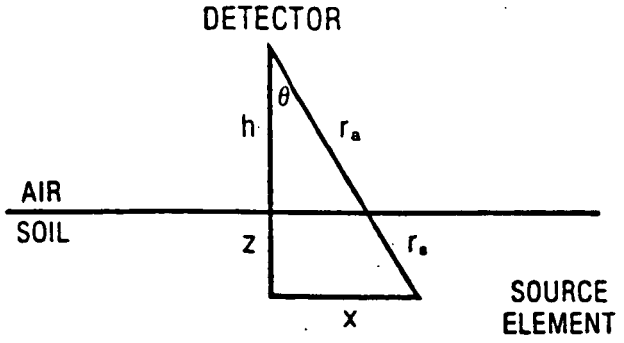

Figure 8. Geometry used in the derivation of conversion factors relating in situ photopeak count rate data to isotope concentration in the ground.

Rewriting Equation (6) in terms of Θ and z, combining with Equation (7) and integrating over z leads to:

$$\phi = \frac{S_v^o}{2} \int_0^{\pi/2} \frac{\tan\theta \exp\left[-(\mu o)_a \rho_a \, h \sec\theta\right]}{\alpha + (\mu/\rho)_s \, \rho_s \sec\theta} \, d\theta \qquad (8)$$

CONVERSION FACTORS FROM POINT SOURCES

The detector response to a given flux of gamma rays (Φ) of energy E incident at an angle Θ can be given in terms of an effective detector area, A, defined by:

$$A = \frac{N_p}{\Phi} \qquad (9)$$

where N_p is the net photopeak count rate (sec^{-1}).

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Table 3. Survey Results, Area East of 903 Pad (Continued)								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	Am-241 pCi/g	Exposure μR/H
	North	East						
C,3	749625	2086882	11.0	0.8	1.0	0.4	2.6	6.0
C,4	749625	2087032	13.0	0.8	0.9	0.3	1.7	6.3
C,5	749625	2087182	16.0	0.9	1.2	0.2	1.5	7.1
C,6	749625	2087332	19.0	1.0	1.3	0.1		8.5
C,7	749625	2087482	11.0	1.2	0.9	0.3	1.5	6.1
C,8	749625	2087632	9.0	1.2	1.0	0.6	5.2	6.3
C,9	749625	2087782	8.4	1.1	1.0	0.7	4.8	6.2
C,10	749625	2087932	8.3	0.9	1.0	0.5	3.1	5.4
C,11	749625	2088082	8.1	0.9	1.1	0.6	2.3	5.9
C,12	749625	2088232	8.7	1.0	1.2	0.7	2.5	6.2
C,13	749625	2088382	9.8	1.1	1.1	0.3	0.9	5.9
C,14	749625	2088532	9.6	1.0	1.1	0.3	1.2	5.9
D,1	749475	2086582	23.0	1.0	1.6			10.3
D,2	749475	2086732	14.0	1.0	1.1	0.4	7.2	7.2
D,3	749475	2086882	9.7	1.0	1.0	0.6	14.0	6.3
D,4	749475	2087032	13.0	1.2	1.2	0.4	5.0	7.6
D,5	749475	2087182	12.0	0.8	0.9	0.3	5.7	6.0
D,6	749475	2087332	8.9	0.9	1.0	0.7	10.0	5.8
D,7	749475	2087482	8.4	1.0	1.1	0.6	6.0	6.0
D,8	749475	2087632	8.6	0.9	1.1	0.7	10.0	5.9
D,9	749475	2087782	7.6	0.9	1.1	0.8	7.8	5.8
D,10	749475	2087932	7.4	0.9	1.1	0.8	6.0	6.1
D,11	749475	2088082	8.1	1.1	1.1	0.8	4.3	6.3
D,12	749475	2088232	7.7	1.1	1.2	0.7	2.9	6.3
D,13	749475	2088382	9.0	1.0	1.0	0.2	1.2	5.6
D,14	749475	2088532	9.1	0.9	1.1	0.3	0.8	6.0
E,1	749325	2086582	21.0	1.1	1.5			10.1
E,2	749325	2086732	20.0	1.1	1.4	0.2	1.9	9.1
E,3	749325	2086882	15.0	1.0	1.1	0.3	10.0	7.5
E,4	49325	2087032	9.3	0.9	1.0	0.6	20.0	5.9
E,5	749325	2087182	8.3	1.1	1.1	0.6	18.0	6.2
E,6	749325	2087332	7.4	1.0	1.1	0.8	13.0	5.9

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Table 3. Survey Results, Area East of 903 Pad (Continued)								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	Am-241 pCi/g	Exposure μR/H
	North	East						
E,7	749325	2087482	8.6	1.1	1.1	0.6	8.1	5.9
E,8	749325	2087632	10.0	0.9	1.1	0.5	6.1	6.4
E,9	749325	2087782	8.5	0.9	1.2	0.7	6.8	6.5
E,10	749325	2087932	7.9	0.9	1.0	0.8	8.3	6.1
E,11	749325	2088082	8.1	0.9	1.1	0.8	6.8	6.1
E,12	749325	2088232	7.8	0.8	1.1	0.7	4.5	5.9
E,13	749325	2088382	9.5	0.9	1.2	0.2	1.2	5.6
E,14	749325	2088532	12.0	1.0	1.3	0.2		7.0
F,1	749175	2086582	15.0	1.2	1.2	0.2	17.0	8.0
F,1	749175	2086582	14.0	1.3	1.2	0.4	20.0	8.0
F,2	749175	2086732	11.0	1.0	1.3	0.5	32.0	7.2
F,3	749175	2086882	8.8	1.0	1.1	0.6	19.0	6.2
F,4	749175	2087032	10.0	1.0	1.2	0.5	19.0	6.6
F,5	749175	2087182	9.4	1.1	1.2	0.6	19.0	6.4
F,6	749175	2087332	8.8	0.9	1.1	0.5	11.0	5.6
F,7	749175	2087482	12.0	1.1	1.3	0.3	4.2	7.1
F,8	749175	2087632	15.0	1.1	1.6	0.2	1.2	8.0
F,9	749175	2087782	17.0	1.2	1.7	0.2		9.7
F,10	749175	2087932	16.0	1.1	1.7	0.3	2.0	9.2
F,11	749175	2088082	14.0	1.1	1.5	0.3	0.9	7.7
F,12	749175	2088232	11.0	1.0	1.3	0.3	0.9	6.5
F,13	749175	2088382	14.0	1.1	1.3	0.2	1.1	7.6
F,14	749175	2088532	13.0	1.1	1.3	0.2	0.8	7.2
G,1	749025	2086582	7.6	0.8	0.9	0.5	82.0	6.1
G,1	749025	2086582	6.4	0.7	1.0	0.6	100.0	6.1
G,2	749025	2086732	11.0	0.8	1.2	0.4	27.0	6.7
G,3	749025	2086882	17.0	1.3	2.0	0.2	8.3	10.8
G,4	749025	2087032	12.0	0.9	1.3	0.6	34.0	7.8
G,5	749025	2087182	10.0	0.9	1.3	0.5	18.0	7.0
G,6	749025	2087332	11.0	0.9	1.2	0.6	19.0	6.6
G,7	749025	2087482	9.9	0.9	1.3	0.7	18.0	6.5
G,8	749025	2087632	13.0	0.8	1.1	0.2	0.8	7.0

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Table 3. Survey Results, Area East of 903 Pad (Continued)								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	Am-241 pCi/g	Exposure μR/H
	North	East						
G,9	749025	2087782	14.0	0.8	1.2			6.9
G,10	749025	2087932	12.0	0.7	1.2	0.1		6.0
G,11	749025	2088082	13.0	0.9	1.3	0.2		6.6
G,12	749025	2088232	11.0	0.8	1.3	0.3	2.9	6.3
G,13	749025	2088382	12.0	0.9	1.2	0.5	3.7	6.8
G,14	749025	2088532	13.0	1.1	1.6	0.4	2.1	8.4
H,1	748875	2086582	13.0	1.1	1.4	0.5	39.0	7.7
H,1	748875	2086582	12.0	0.9	1.3	0.5	35.0	7.7
H,2	748875	2086732	14.0	1.0	1.6	0.5	28.0	8.9
H,3	748875	2086882	13.0	1.1	1.4	0.4	14.0	7.7
H,4	748875	2087032	17.0	1.1	1.7	0.3	7.6	9.2
H,5	748875	2087182	17.0	1.2	1.7	0.3	4.0	9.8
H,6	748875	2087332	13.0	1.2	1.3	0.5	10.0	8.2
H,7	748875	2087482	11.0	1.2	1.4	0.7	14.0	7.9
H,8	748875	2087632	15.0	1.1	1.2	0.2	1.2	7.6
H,9	748875	2087782	18.0	1.2	1.4	0.1		8.2
H,10	748875	2087932	12.0	0.9	1.3	0.2	1.3	7.4
H,11	748875	2088082	14.0	1.1	1.5	0.5	5.7	8.1
H,12	748875	2088232	12.0	1.0	1.7	0.6	5.7	8.5
H,13	748875	2088382	13.0	1.0	1.5	0.5	3.5	7.8
H,14	748875	2088532	13.0	1.1	1.6	0.4	2.4	8.7
I,-1	748725	2086432	13.0	1.1	1.7	0.6	30.0	9.1
I,1	748725	2086582	12.0	0.9	1.7	0.6	25.0	8.7
I,1	748725	2086582	11.0	0.9	1.6	0.5	22.0	8.7
I,2	748725	2086732	12.0	1.2	1.4	0.6	16.0	8.6
I,3	748725	2086882	13.0	1.3	1.5	0.6	13.0	8.3
I,4	748725	2087032	19.0	1.6	1.5	0.2	2.0	9.9
I,5	748725	2087182	15.0	1.5	1.6	0.5	5.8	9.7
I,6	748725	2087332	12.0	1.4	1.4	0.5	6.4	8.6
I,7	748725	2087482	11.0	1.3	1.1	0.6	7.8	8.0
I,8	748725	2087632	12.0	1.3	1.3	0.5	5.3	7.7
I,9	748725	2087782	11.0	1.2	1.3	0.4	3.1	7.4
I,10	748725	2087932	11.0	1.1	1.2	0.5	4.2	7.4

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Table 3. Survey Results, Area East of 903 Pad (Continued)								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	Am-241 pCi/g	Exposure μR/H
	North	East						
I,11	748725	2088082	13.0	1.2	1.6	0.7	4.8	8.9
I,12	748725	2088232	11.0	1.1	1.5	0.5	3.4	7.3
I,13	748725	2088382	11.0	1.0	1.4	0.5	2.2	7.5
I,14	748725	2088532	10.0	1.0	1.3	0.4	1.3	7.1
J,-1	748575	2086432	11.0	1.2	1.5	0.5	24.0	8.4
J,1	748575	2086582	12.0	1.3	1.7	0.6	18.0	9.0
J,2	748575	2086732	12.0	1.2	1.4	0.6	16.0	8.7
J,3	748575	2086882	11.0	1.1	1.4	0.7	12.0	7.8
J,4	748575	2087032	13.0	1.2	1.8	0.6	8.1	9.2
J,5	748575	2087182	14.0	1.3	1.7	0.6	5.5	9.6
J,6	748575	2087332	13.0	1.3	1.6	0.5	4.9	9.3
J,7	748575	2087482	11.0	1.2	1.5	0.6	4.5	8.5
J,8	748575	2087632	11.0	1.1	1.3	0.5	3.6	7.1
J,9	748575	2087782	11.0	0.9	1.3	0.5	3.7	7.0
J,10	748575	2087932	10.0	0.8	1.2	0.6	3.1	6.3
J,11	748575	2088082	11.0	1.0	1.3	0.6	3.4	7.7
J,12	748575	2088232	11.0	1.1	1.3	0.6	2.3	7.2
J,13	748575	2088382	11.0	1.0	1.5	0.6	1.8	7.3
J,14	748575	2088532	8.5	0.8	1.1	0.3		5.1
K,-2	748425	2086282	14.0	1.1	1.8	0.4	8.4	8.9
K,-1	748425	2086432	12.0	1.2	1.6	0.6	15.0	8.8
K,1	748425	2086582	10.0	1.1	1.6	0.6	11.0	8.1
K,2	748425	2086732	11.0	1.1	1.3	0.6	12.0	8.1
K,3	748425	2086882	11.0	1.3	1.7	0.6	9.0	8.8
K,4	748425	2087032	12.0	1.0	1.8	0.5	6.1	8.2
K,5	748425	2087182	10.0	1.0	1.4	0.5	5.7	6.8
K,6	748425	2087332	11.0	1.0	1.6	0.5	3.8	8.1
K,7	748425	2087482	13.0	1.2	1.7	0.3	1.5	8.6
K,8	748425	2087632	12.0	1.0	1.6	0.5	2.7	8.3
K,9	748425	2087782	9.9	0.9	1.4	0.5	2.9	6.7
K,10	748425	2087932	8.4	0.9	1.2	0.5	2.8	5.8
K,11	748425	2088082	10.0	1.0	1.4	0.7	3.1	7.1
K,12	748425	2088232	11.0	0.9	1.6	0.7	2.4	7.9
K,13	748425	2088382	13.0	1.0	1.9	0.5	2.0	8.8
K,14	748425	2088532	11.0	0.9	1.3	0.4	0.9	6.8

Table 3. Survey Results, Area East of 903 Pad (Concluded)								
Stake	Coordinates		K-40 pCi/g	Ra-226 pCi/g	Th-232 pCi/g	Cs-137 pCi/g	Am-241 pCi/g	Exposure μR/H
	North	East						
L,-2	748275	2086282	13.0	1.1	1.7	0.5	2.9	9.1
L,-1	748275	2086432	11.0	1.0	1.5	0.5	4.2	8.2
L,1	748275	2086582	14.0	1.2	2.2	0.5	5.3	10.9
L,2	748275	2086732	9.9	0.9	1.3	0.5	4.4	6.8
L,3	748275	2086882	12.0	1.2	1.6	0.5	5.2	8.6
L,4	748275	2087032	11.0	1.1	1.6	0.5	4.9	8.5
L,5	748275	2087182	12.0	1.2	1.7	0.6	4.7	9.0
L,6	748275	2087332	12.0	1.0	1.7	0.5	3.3	9.0
L,7	748275	2087482	14.0	1.2	1.7	0.3	1.1	8.9
L,8	748275	2087632	13.0	1.2	1.7	0.5	2.5	9.5
L,9	748275	2087782	12.0	1.2	1.5	0.6	2.3	8.5
L,10	748275	2087932	9.4	1.0	1.3	0.5	2.4	6.8
L,11	748275	2088082	9.3	1.0	1.2	0.4	1.6	6.8
L,12	748275	2088232	11.0	1.1	1.5	0.3	0.5	7.2
L,13	748275	2088382	12.0	1.0	1.4	0.3	1.2	7.8
L,14	748275	2088532	12.0	1.0	1.6	0.5	1.6	7.6
M,-2	748125	2086282	14.0	1.1	1.4	0.3	1.7	8.4
M,-1	748125	2086432	11.0	1.3	1.6	0.5	2.0	9.3
M,1	748125	2086582	13.0	1.7	2.0	0.5	2.9	10.9
M,2	748125	2086732	11.0	1.4	1.3	0.4	3.0	8.2
M,3	748125	2086882	12.0	1.4	1.4	0.5	2.8	8.2
M,4	748125	2087032	13.0	1.6	1.6	0.4	2.6	9.4
M,5	748125	2087182	13.0	1.6	1.9	0.4	2.8	10.2
M,6	748125	2087332	12.0	1.4	1.7	0.3	1.9	9.4
M,7	748125	2087482	14.0	1.3	1.5	0.2		8.6
M,8	748125	2087632	12.0	1.2	1.4	0.2		7.4
M,9	748125	2087782	11.0	1.2	1.2	0.2	0.8	7.6
M,10	748125	2087932	16.0	1.4	1.4	0.2		8.8
M,11	748125	2088082	13.0	1.0	1.3	0.2		7.8
M,12	748125	2088232	11.0	1.2	1.4	0.1		7.5
M,13	748125	2088382	12.0	1.2	1.4	0.1		7.3
M,14	748125	2088532	15.0	1.0	1.4	0.1		8.7

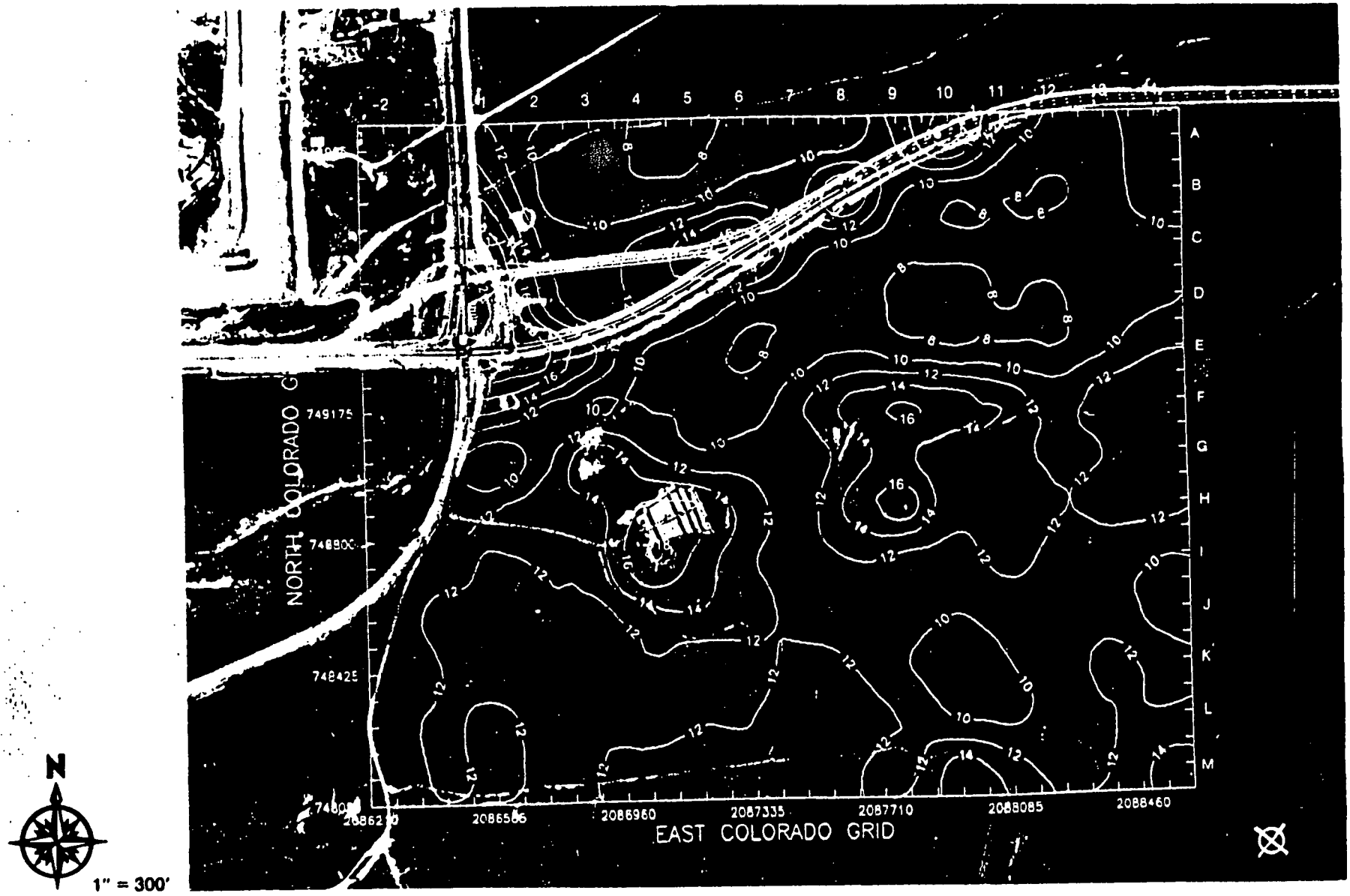

FIGURE 18. *AREA EAST OF 903 PAD ^{40}K (pCi/g) ISOCONCENTRATION CONTOURS*

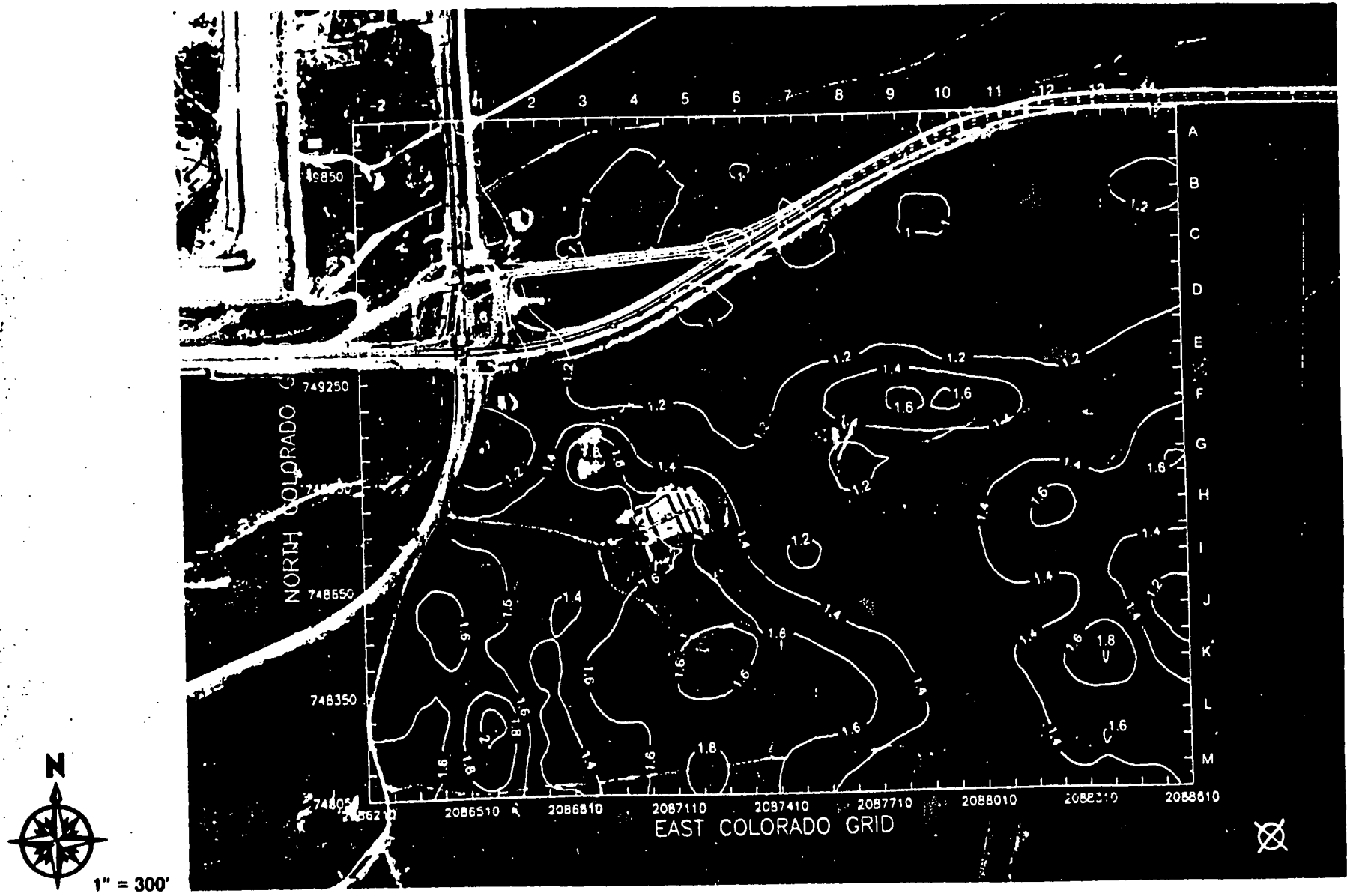

FIGURE 19. *AREA EAST OF 903 PAD ^{232}Th (pCi/g) ISOCONCENTRATION CONTOURS*

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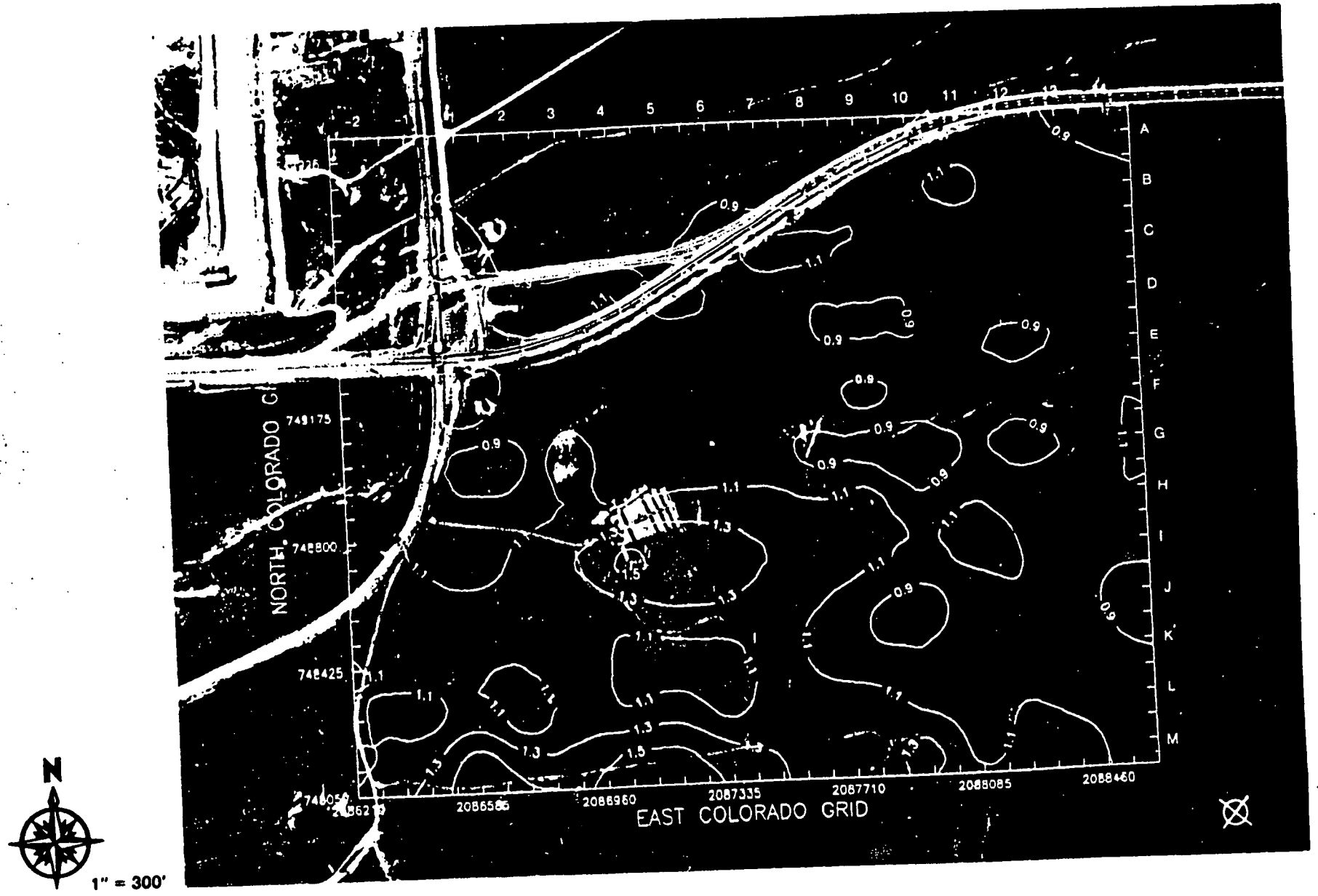

FIGURE 20. *AREA EAST OF 903 PAD ^{226}Ra (pCi/g) ISOCONCENTRATION CONTOURS*

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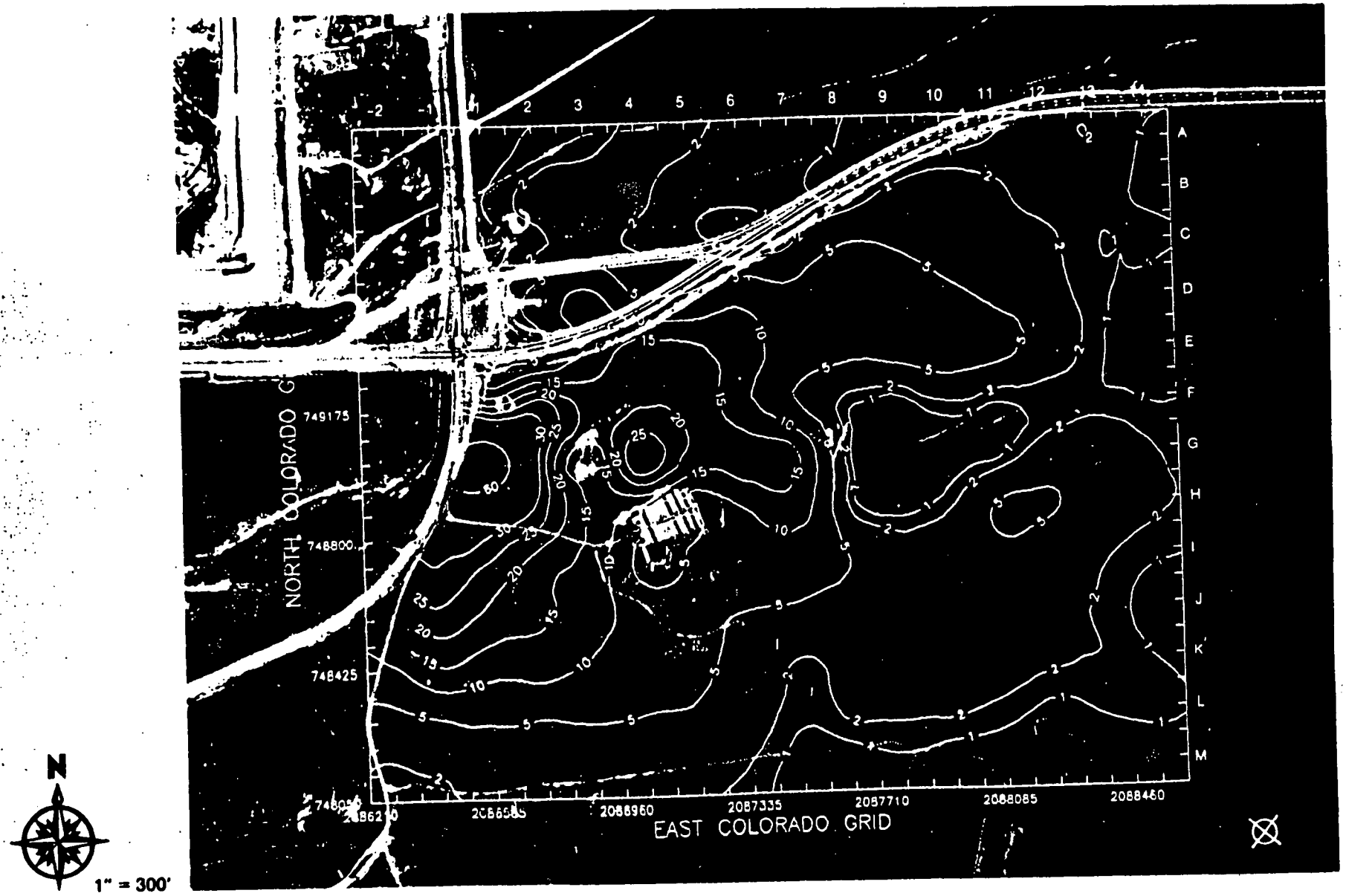

FIGURE 21. *AREA EAST OF 903 PAD ^{241}Am (pCi/g) ISOCONCENTRATION CONTOURS*

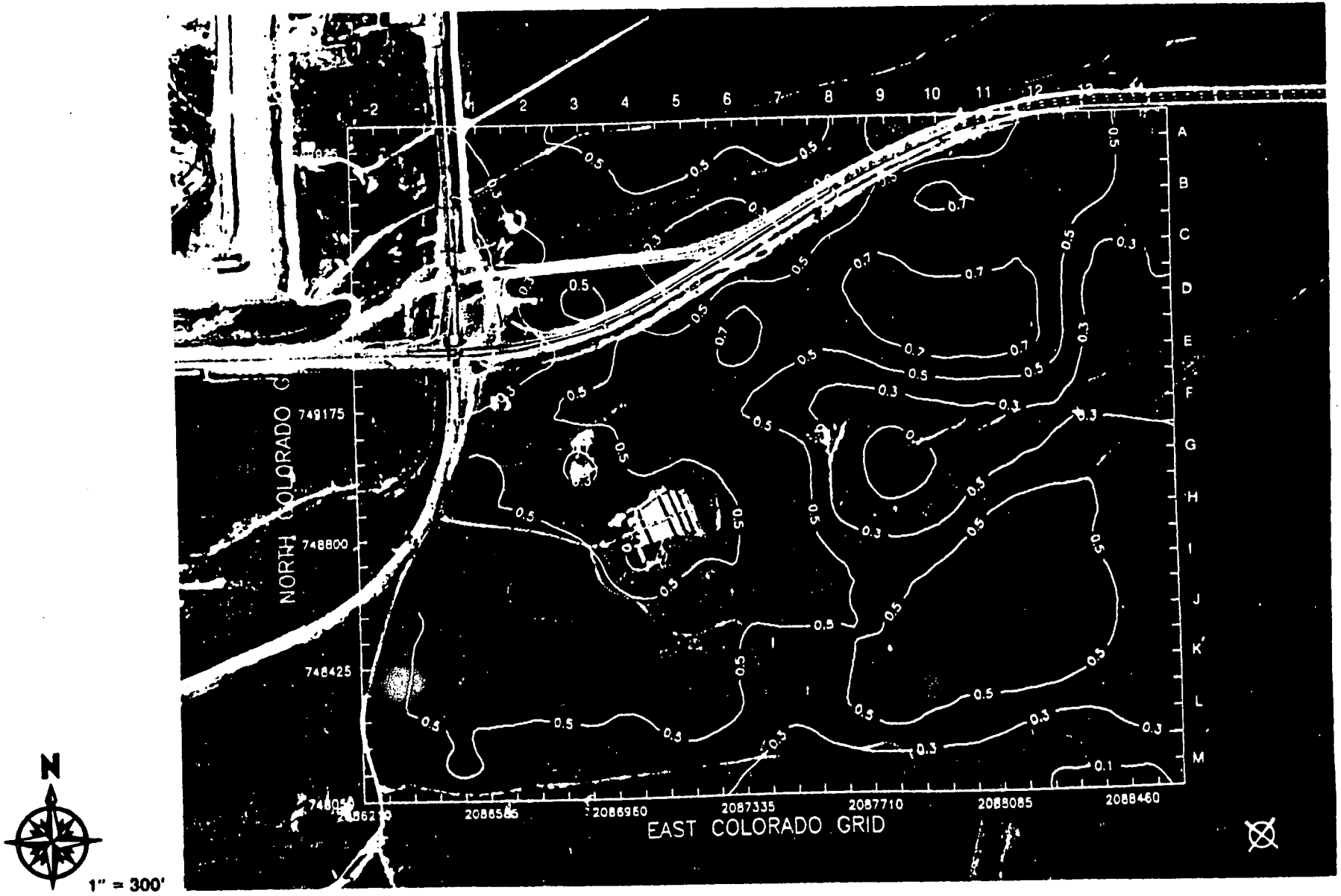

FIGURE 22. *AREA EAST OF 903 PAD ^{137}Cs (pCi/g) ISOCONCENTRATION CONTOURS*

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APPENDIX A

THE THEORY OF *IN SITU* MEASUREMENT AND THE DEVELOPMENT OF CONVERSION FACTORS FROM POINT SOURCES

The unscattered flux of gamma rays of energy, E, at a height above a smooth air-ground interface due to an emitter distributed in the soil is given by (see Figure A-1):

$$\Phi = \int_0^\infty \int_0^\infty \frac{S_V}{4\pi r^2} e^{-(\mu/\rho)_a \rho_a r_a} e^{-(\mu/\rho)_s \rho_s r_s} 2\pi \, dx \, dz \qquad (A1)$$

where

S_V = the activity per unit volume (γ/sec)/cm^3

$r = r_a + r_s$

$(\mu/\rho)_a, (\mu/\rho)_s$ = the air and soil mass attenuation coefficients (cm^2/g)

ρ_a, ρ_s = the air and soil density (g/cm^3)

This expression assumes a source distribution which varies only with depth. For fallout activity, the distribution after a period of time can be reasonably approximated by an exponential distribution given by:

$$S_V = S_V^0 e^{-\alpha z} \qquad (A2)$$

where

S_V^0 = the activity per unit volume at the surface

α = the reciprocal of the relaxation length (cm^{-1})

Rewriting Equation A1 in terms of θ and z, combining with Equation A-2 and integrating over z leads to:

$$\Phi = \frac{S_V^0}{2} \int_0^{\pi/2} \frac{\tan\theta \, e^{-(\mu/\rho)_a \rho_a h \sec\theta}}{\alpha + (\mu/\rho)_s \rho_s \sec\theta} d\theta \qquad (A3)$$

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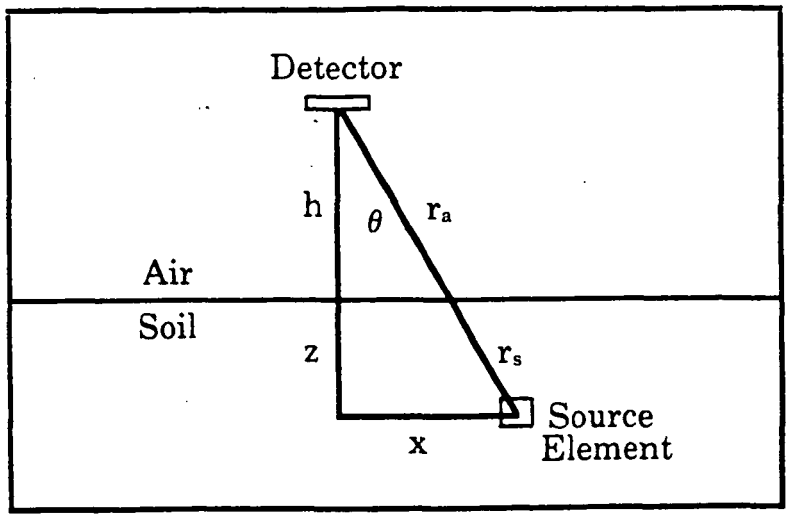

FIGURE A-1. ***GEOMETRY USED IN THE DERIVATION OF CONVERSION FACTORS RELATING IN SITU PHOTOPEAK COUNT RATE DATA TO ISOTOPE CONCENTRATION IN THE GROUND***

The detector response to a given flux of gamma rays, Φ, of energy, E, incident at an angle, θ, can be given in terms of an effective detector area, A, defined by:

$$A = \frac{N_p}{\Phi} \qquad \text{(A4)}$$

where

N_p = the net photopeak count rate (sec^{-1})

The effective area, in general, varies as a function of the gamma ray angle of incidence and is normally written as:

$$A = A_0\, R(\theta) \qquad \text{(A5)}$$

where

A_0 = the detector photopeak count rate for a unit flux incident perpendicular to the detector face

$R(\theta)$ = the ratio of the detector response at an angle, θ, to that at $\theta = 0°$

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Both A_0 and $R(\theta)$ are determined experimentally with point gamma sources.

Combining Equations A4 and A5 with Equation A3 leads to an expression which relates the measured photopeak count rate to source activity in the soil. This is given by:

$$\frac{N_p}{S_V^0} = \frac{A_0}{2} \int_0^{\pi/2} \frac{R(\theta) \tan\theta \, e^{-(\mu/\rho)_a \rho_a h \sec\theta}}{\alpha + (\mu/\rho)_s \rho_s \sec\theta} \, d\theta \qquad \text{(A6)}$$

The conversion factor N_p/S_V^0 given by Equation A6 is in units of $\frac{\text{cps}}{\gamma/\text{cm}^3\text{-sec}}$.

For a specific isotope, the conversion factor is normally changed to units of $\frac{\text{cps}}{\text{pCi/cm}^3}$. Multiplying the expression in Equation A6 by the soil density (in g/cm^3) leads to the conversion factor $N_p/(S_V^0/\rho)$ normally given in units of $\frac{\text{cps}}{\text{pCi/g}}$.

In general, the average concentration in the top z cm, S_V^z, for a source distributed exponentially with depth is given by:

$$S_V^z = \frac{1}{z} \int_0^z S_V^0 \, e^{-\alpha z} \, dz = \frac{S_V^0}{\alpha z} (1 - e^{-\alpha z}) \qquad \text{(A7)}$$

Combining Equations A6 and A7 leads to

$$\frac{S_V^z/\rho}{N_p} = \frac{1 - e^{-\alpha z}}{\alpha z} \, B \left[\frac{A_0 \rho_s}{2} \int_0^{\pi/2} \frac{R(\theta) \tan\theta \, e^{-(\mu/\rho)_a \rho_a h \sec\theta}}{\alpha + (\mu/\rho)_s \rho_s \sec\theta} \, d\theta \right]^{-1} \qquad \text{(A8)}$$

in units of $\frac{\text{pCi/g}}{\text{cps}}$, where B converts γ/sec to pCi for a specific isotope.

This conversion factor has utility when comparing ***in situ*** results with soil sample results where the soil sample is taken from 0 to z units deep and is finite.

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APPENDIX H

PROCEDURES FOR FIELD MEASUREMENTS OF VOLATILE ORGANICS IN SOIL GAS, SOILS, AND GROUND WATER

- Standard soil vapor sampling procedures and equipment.

STANDARD SOIL VAPOR SAMPLING PROCEDURES

SOIL VAPOR COLLECTION

A Yamaha Terrapro ATV with a hydraulic probing rig mounted to it has been used successfully in the Rocky Flats area to collect soil gas, soil, and ground water samples. The hydraulic probing rig is capable of driving 1 inch diameter probe rods to 35 foot depths in 20 minutes, and collecting 50 soil vapor samples from a depth of 4 feet in an 8 hour period. It is also capable of cutting through 16 inches of concrete in less than 5 minutes. The Yamaha Terrapro ATV rig is 47 inches in width and 87 inches in length, which allows it to go into very tight places where bigger van-mounted hydraulic rigs cannot. In soil vapor sampling this capability of sampling in very tight places can be a distinct advantage.

Soil vapor samples will be collected with a retracting tip vapor sampling probe. The sampling probe will be driven to the sampling depth and the probe tip retracted by pulling the probe upward approximately six inches. Immediately prior to collection of the soil vapor samples, the sampling probe will be fully evacuated by withdrawing approximately three volumes of vapor from the tip and tubing with a 60 cubic centimeter plastic syringe. The soil vapor samples will be collected from the sampling probe with a 500 microliter (uL) analytical syringe. The 500 uL vapor samples will be analyzed immediately after collection in a mobile laboratory for the desired compounds.

DECONTAMINATION AND QUALITY CONTROL PROCEDURES

The retracting tip of the soil vapor sampling probe and the three foot probe rods themselves will be thoroughly washed with distilled water and a laboratory-grade detergent before the collection of each sample. In addition, the soil vapor sampling probe will be fitted with new polypropylene tubing.

Before collection and analysis of the soil vapor samples, the retracting tip, tubing, and sampling septa fitting of the sampling probe, and the 500 uL glass syringe will be tested for contamination. Initially, atmospheric air will be used as the blank testing vapor. If one of the target compounds is present at detectable concentrations in the atmospheric air blanks, helium will be used as the blank testing vapor for the other samples. For the helium blanks, UPC-grade helium will be purged through the probe as the retracting tip is closed and sealed with parafilm. A septa fitting will be immediately placed on the tubing. The helium will be allowed to equilibrate with the sampling probe for several minutes and a 500 uL sample will be taken with a glass syringe and injected into the gas chromatograph for analysis.

STANDARD SOIL SAMPLING PROCEDURES

EQUIPMENT USED:
-ATV-MOUNTED HYDRAULIC PROBING RIG
-KANSAS STAINLESS STEEL SAMPLER
-ONE INCH O.D. STEEL PROBE PIPE
-STAINLESS STEEL EXTENSION ROD

PROCEDURE:

- All equipment is decontaminated using a laboratory-grade detergent solution applied by a pressure washer. The equipment is then rinsed with distilled-deionized water.

- A 1 inch diameter pilot hole is made by the hydraulic probing rig to within one foot of the desired sampling depth.

- The Kansas Soil Sampler (KSS) is attached to the probe pipe and lowered to the bottom of the borehole.

- The tip of the KSS is hydraulically driven to the top of the interval to be sampled.

- A stainless steel extension rod is then inserted into the probe pipe and used to release the piston within the sampler. The KSS is then driven one foot resulting in a perfect core being taken from the sample interval.

- The KSS is then brought to the surface where the soil is removed from the stainless steel sampler and placed into an appropriate sample jar.

SPECIAL NOTE: Because the KSS is locked in a closed position until being driven to the top of the sample interval, it avoids the problem of caving and contamination from uphole.

STANDARD GROUND WATER SAMPLING PROCEDURES

EQUIPMENT USED:
-ATV-MOUNTED HYDRAULIC PROBING RIG
-WELL POINT SAMPLER
-ONE INCH O.D. STEEL PROBE PIPE
-TEFLON TUBING
-PERISTALTIC OR VACUUM PUMPS
-WATER SAMPLING KIT

PROCEDURE:

- The equipment is decontaminated using a laboratory-grade detergent solution applied by a pressure washer. The equipment is then rinsed with distilled-deionized water.

- A 1 inch diameter pilot hole is made by the hydraulic probing rig to within one foot of the top of the ground water table.

- The well point sampler is attached to the probe pipe and lowered to the bottom of the borehole.

- The well point sampler is then driven into the ground water by the hydraulic rig. The well point is allowed to collect water through perforations for a period of usually 30 to 60 minutes.

- The ground water which accumulates in the well point can then be pumped to the surface. Teflon tubing is inserted through the probe pipe into the well point. A pump (either peristaltic or vacuum) is used to pump the ground water to the surface and into the water sampling kit. The ground water is

then poured from the water sampling vial directly into a 40 milliliter vial for laboratory analysis.

ALTERNATIVE PROCEDURE
USED IN THE ABSENCE OF IMMEDIATELY PURGABLE GROUND WATER

- Both the outside and inside of the 1 inch diameter steel probe pipe are decontaminated using a laboratory-grade detergent solution applied by a pressure washer. The equipment is then rinsed with distilled-deionized water.

- A 1 inch diameter pilot hole is made to the bottom of the interval to be sampled.

- A 2 foot long stainless steel woven screen ground water sampling implant is inserted through the probe pipe to the bottom of the interval to be sampled. The probe pipe is then removed. The implant is connected to the surface with teflon tubing.

- A mixture of 50-100 mesh rounded glass beads are poured through the annular space for the purpose of creating a permeable layer around the ground water implant.

- Next, either bentonite pellets or a mixture of bentonite and glass beads is poured into the hole to seal the annulus above the ground water implant. Finally, the hole is backfilled with sterile sand.

- The top of the teflon tubing is sealed, then placed inside of a protective cap which is grouted into paved surfaces.

- After waiting as long as is necessary, a water level can be determined by inserting a miniature water level indicator through the teflon tubing. At that point a peristaltic pump (or in some situations a vacuum pump) can be used to purge the tubing and bring a ground water sample to the surface.

ALTERNATIVE PROCEDURE WHEN SAMPLE DEPTH IS BELOW THE CAPABILITY OF THE PERISTALTIC PUMP (28 FEET AT SEA LEVEL) OR WHEN A GROUND WATER SAMPLE MUST BE BAILED RATHER THAN PUMPED

- Both the outside and inside of the 1 inch diameter steel probe pipe are decontaminated using a laboratory-grade detergent solution applied by a pressure washer. The pipe is subsequently rinsed with distilled-deionized water.

- A 1 inch diameter pilot hole is made to the bottom of the interval to be sampled. The steel pipe is then removed from the hole.

- Flush joint monitor screen and pipe is driven to the bottom of the hole. The pipe and screen are manufactured from NSF approved polyvinyl chloride (PVC) materials that meet or exceed ASTM Schedule 40 and Schedule 80 specifications.

- Both the slot size and spacing can be tailored to the requirement for open screen area. The standard combination is a 0.032 inch slot with 0.25 inch slot spacing.

- The top of the pipe is then capped and a protective covering is grouted into the surface.

- After waiting as long as is necessary, a water level can be determined by means of a miniature water level indicator. The well can then be purged and sampled using stainless steel mini-bailer (20 inches in length by 7/16 inches in outer diameter with recovery of 20 ml of groundwater per run).

FIELD ANALYTICAL EQUIPMENT

Maxivans with raised fiberglass roofs will be used to house the laboratories. These laboratories are fully insulated, air conditioned, and heated to maintain uniform temperatures. The mobile laboratories will have their own generators as a power source. The laboratories will be equipped with refrigerators for storage of samples and standards at proper temperatures.

The mobile laboratory will have two laboratory grade temperature programmable gas chromatographs. SRI 8610 - 50 gas or equivalent chromatographs will be equipped with multiple photoionization (PID), flame ionization (FID), and electron capture (ELCD) detectors. These detectors allow EPA 8010, 8015, and 8020 methods to be conducted. Confirmation columns of dissimilar length and polarity can also be used. These gas chromatographs will have sensitivity down to parts per billion (ppb) level in the field. Soil vapor can also be analyzed for volatile organics using EPA Method 8270 by gas chromatography/mass spectrometry (GC/MS) using the Hewlett-Packard 5890 II GC in conjunction with the HP 5971A Mass Selective Detector, or equivalent. The gas chromatograph and the GC/MS can serve as backups for each other in case of field breakdowns. In addition, the gas chromatographs will also have purge & trap (EPA Method 5030) capabilities. This allows the analysis of ground water and soil samples with sensitivity extending to parts-per-trillion (ppt) levels.

DOCUMENTATION OF ACTIVITIES

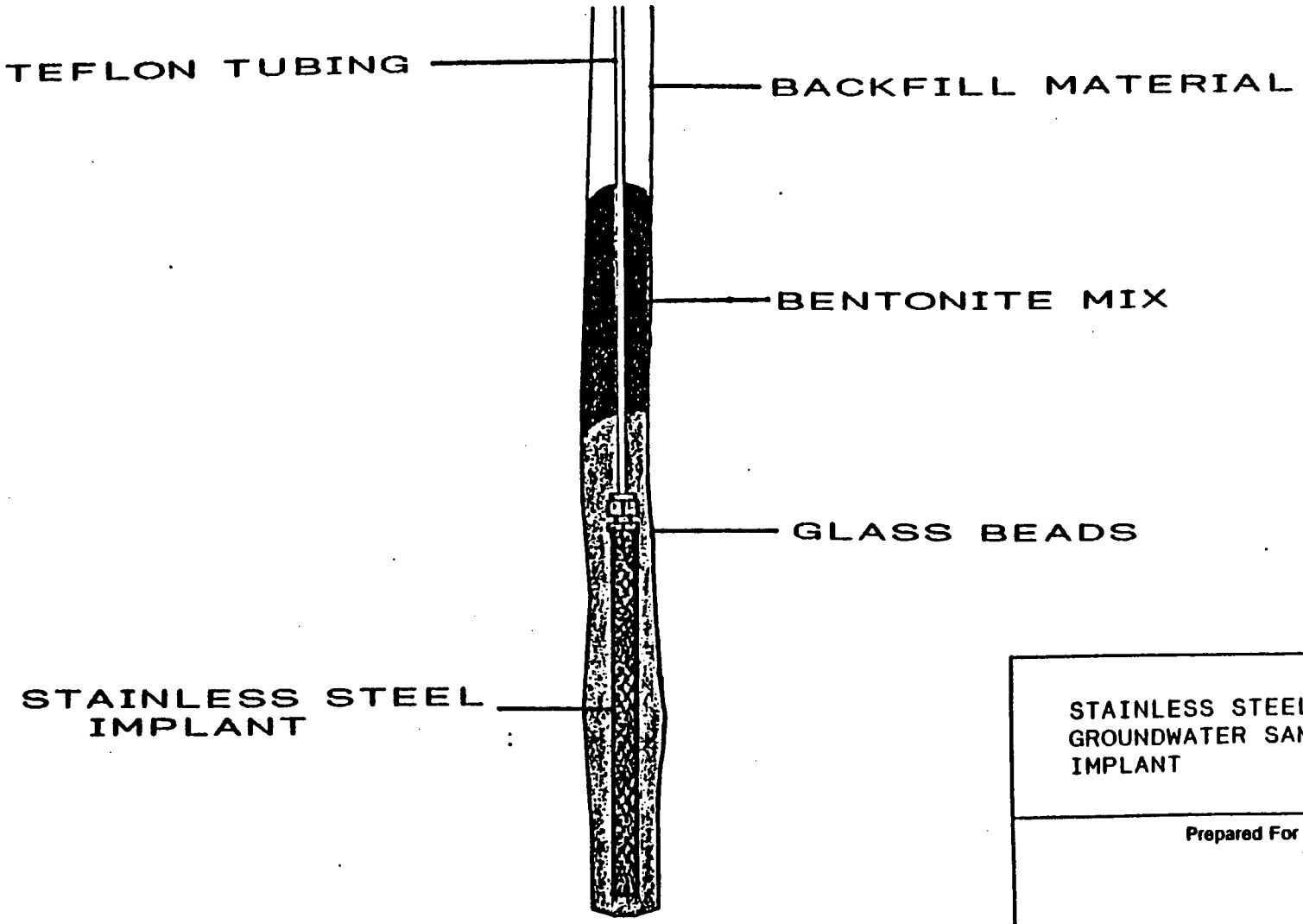
All sample analyses will be documented and filed permanently by the contractor.

An initial field report of the results is provided on-site as the data is being generated. The final report will include site maps with sample locations, overall summary of sampling procedures, soil conditions, analytical results, and recommendations.

Two different types of data packages can be prepared. The difference between these packages is in the level of quality control and quality assurance (QA/QC) performed. These levels of QA/QC, recognized as industry standards for field methods and sites laboratories, are taken from EPA publications.

Level I: This is a qualitative screen, and the data is only semi-quantitative. The numbers provided are used to compare the relative concentrations of analytes from one sample point to another. This is useful for quickly mapping the nature and spread of contamination on a site. A single standard is run to assure the desired practical quantitation limit (PQL).

Level II: The data is both qualitative and quantitative. The data package includes continuing calibrations, blanks, matrix spikes, and matrix spike duplicates. This type of data is legally defensible but cannot be produced quickly. The extra analytical runs required to provide the complete QA/QC package almost doubles the time to run a set of samples. While the data is defensible, it is not produces as quickly as the Level I data.



STAINLESS STEEL GROUNDWATER SAMPLING IMPLANT

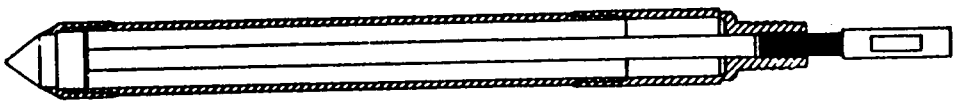
Prepared For

585/601

Kansas (Stainless) Sampler

AT-650 Series

Features a stainless steel sample tube and replaceable cutting shoe. Specially designed to recover sample cores a full 12″ long x 1″ diameter (158 ml). Able to sample to working depth of soil probe unit.

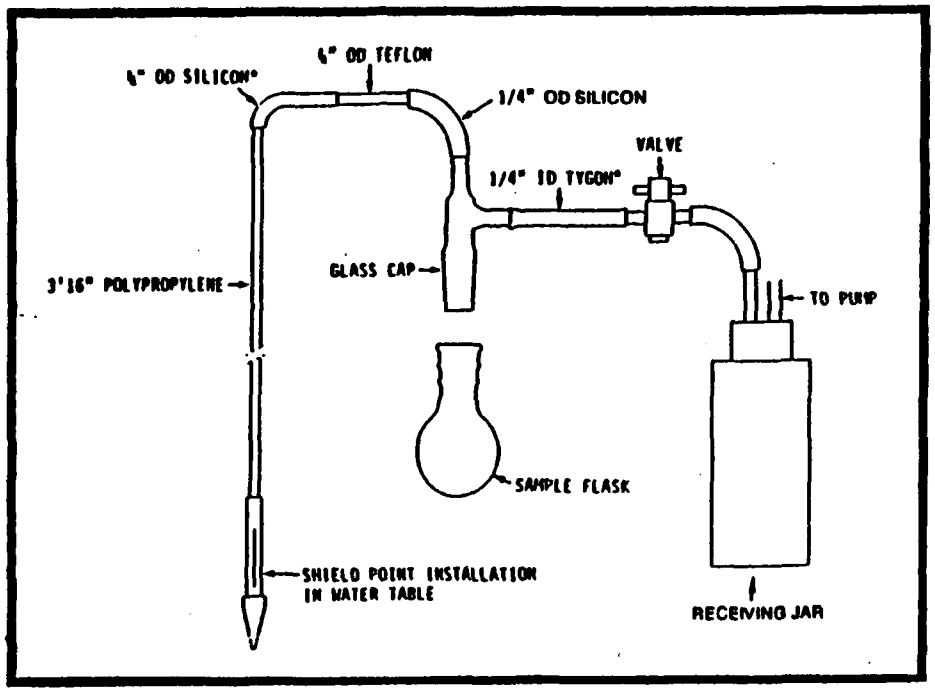


STAINLESS STEEL
KANSAS SOIL SAMPLER

Prepared For

5816/691

SAMPLING METHOD



NOTES: 1. PARTS MARKED WITH * SHOULD BE REPLACED BETWEEN SAMPLING.
2. SILT TRAP IS NOT SHOWN ON ABOVE DIAGRAM.

1. Grease glass cap and sample flask with vegetable shortening (e.g. Crisco).
2. Assemble tubes and flask as shown in Figure above.
3. Place assembled sampler in case lid.
4. Pump until water enters receiving jar.
5. Close valve.
6. Tip assembled sampler until air is removed from the system.
7. Open valve so that air trapped in the sample flask top is drawn off.
8. When receiving jar fills, close valve.
9. Allow any silt in the sample to settle to the bottom of the sample flask.
10. Remove glass cap from sample flask.
11. Pour sample into 40 ml vial.

WATER SAMPLING KIT

Prepared For

587/601

APPENDIX I

ROCKY FLATS ENVIRONMENTAL DATABASE SYSTEM (RFEDS)
FIELD DATA FORMS

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM FO.14A

ROCKY FLATS ENVIRONMENTAL DATABASE SYSTEM (RFEDS)
FIELD DATA TRANSMITTAL FORM

DATA FOR THE WEEK OF _____ SUBCONTRACTOR _____

TYPE OF DATA

GROUNDWATER SAMPLING	☐	WELL INSTALLATION/GEOLOGIC LOGGING	☐
SURFACE SOIL SAMPLING	☐	BIOLOGICAL SAMPLING	☐
SEDIMENT SAMPLING	☐	SAMPLE TRACKING	☐
BOREHOLE SAMPLING	☐	GW LEVEL MEASUREMENT	☐
SURFACE WATER SAMPLING	☐	AIR FLOW TABLES	☐
		PITS AND TRENCHING	☐

TOTAL NUMBER OF FORMS _____

FIELD DATA VALIDATION AND VERIFICATION BY _____ DATE _____

COMPUTER ENTRY AND VERIFICATION

DATA ENTERED BY _____ DATE _____
VERIFICATION BY _____ DATE _____
CORRECTIONS BY _____ DATE _____
DISKETTE PREPARED BY _____ DATE _____

DATA AND DISKETTE DELIVERY TO EG&G

RECEIVED BY _____ DATE _____

FIELD DATA DELIVERABLE

SAMPLE NUMBER	LOCATION	DATE	SAMPLE NUMBER	LOCATION	DATE

589 | 601

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM FO.14B

ENTER SAMPLE NUMBER: Num

Sample Collection Form

Project Number	:		
Project Name	:		
Sample Number	:	Type:	
Station Code	:	Dry:	(Y/N)
Collection Date	: / /	Quarter:	
Time	:		
Purpose	:		
QC Type	:		
QC Partner	:		
Volume Collected	:	Units:	
Collection Technique	:		

Sample Team Leader :
Member :
Member :
Prepared By :

Press J for Jump to Tracking
N for Next, D for Done, T to Edit This Form: (N/D/T)

Num

Ground Water Sample Results Form

Project Number	:	Name	:	
Sample Number	:	Well Number	:	
Purge Volume	:	Units	:	
Purge Rate	:	Units	:	
Purging Method	:	Depth to Water	:	FT

Field Analytical Parameters

Specific Conductance	:	US/CM	pH	:	
Conductivity	:	Units:	Eh	:	MV
Conductivity Temperature	:		Color	:	
Sample Temperature	:		Odor	:	
Dissolved Oxygen	:	MG/L	Turbidity	:	NTU
Headspace Reading	:		Nitrate	:	MG/L
Total Alkalinity	:				
Comments	:				

Press N for Next, P for Previous, D for Done, T to Edit This Form: (N/P/D/T)

ENTER SAMPLE NUMBER: Num

Sample Collection Form

Project Number :
Project Name :
Sample Number : Type:

Station Code : Dry: (Y/N)
Collection Date : / / Quarter:
Time :
Purpose :
QC Type :
QC Partner :
Volume Collected : Units:
Collection Technique :

Sample Team Leader :
Member :
Member :
Prepared By :

Press J for Jump to Tracking
N for Next, D for Done, T to Edit This Form: (N/D/T)

Num

Surface Soil Sample Form

Project Number: Name:
Sample Number:

Depth of Take: Start End
in
in
in
in

Headspace Reading :
Comments :

Press N for Next, P for Previous, D for Done, T to Edit This Form: (N/P/D/T)

591/601

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM FO.14D

ENTER SAMPLE NUMBER: Num

Sample Collection Form

Project Number	:		
Project Name	:		
Sample Number	:	Type:	
Station Code	:	Dry:	(Y/N)
Collection Date	: / /	Quarter:	
Time	:		
Purpose	:		
QC Type	:		
QC Partner	:		
Volume Collected	:	Units:	
Collection Technique	:		

Sample Team Leader :
Member :
Member :
Prepared By :

Press J for Jump to Tracking
N for Next, D for Done, T to Edit This Form: (N/D/T)

Num

Sediment Sample Form

Project Number: Name:
Sample Number:

Depth of Water	:	FT
Depth of Take	:	INCHES
Comments	:	

Press N for Next, P for Previous, D for Done, T to Edit This Form: (N/P/D/T)

592/601

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM FO.14E

ENTER SAMPLE NUMBER: Num

Sample Collection Form

Project Number :
Project Name :
Sample Number : Type:

Station Code : Dry: (Y/N)
Collection Date : / / Quarter:
Time :
Purpose :
QC Type :
QC Partner :
Volume Collected : Units:
Collection Technique :

Sample Team Leader :
Member :
Member :
Prepared By :

Press J for Jump to Tracking
N for Next, D for Done, T to Edit This Form: (N/D/T)

Borehole Sample Form

Project Number: Name:
Sample Number:

Boring :
Rad Type : OVM Type : Equipment Number :

Depth of Take Start	End	Recovery	OVM	RAD	USCS Soil/Rock Type
FT	FT		ppm	CPM	
FT	FT		ppm	CPM	
FT	FT		ppm	CPM	
FT	FT		ppm	CPM	
FT	FT		ppm	CPM	

Gen OVM : Gen RAD :
Comments :

Press N for Next, P for Previous, D for Done, T for This form: (N/P/D/T)

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM FO.14F

ENTER SAMPLE NUMBER: Num

Sample Collection Form

Project Number	:		
Project Name	:		
Sample Number	:	Type:	
Station Code	:	Dry:	(Y/N)
Collection Date	: / /	Quarter:	
Time	:		
Purpose	:		
QC Type	:		
QC Partner	:		
Volume Collected	:	Units:	
Collection Technique	:		

Sample Team Leader :
Member :
Member :
Prepared By :

Press J for Jump to Tracking
N for Next, D for Done, T to Edit This Form: (N/D/T)

Num

ENTER DEPTH: Surface Water Form

Project Number :
Sample Number :
Name :
Depth :

Water Body type	:		
Flow Rate	:	Flow Rate Method	:
Stream Width	:	Total Depth	:

Field Analytical Parameters

Air Temperature	:		Units	:	
Salinity	:		Temperature	:	
Saturation	:		eH	:	MV
Dissolved Oxygen	:	PPM	pH	:	
Chlorine	:	PPM	End Point #1	:	
Total Alkalinity	:	MG/L	End Point #2	:	
Specific Conductance	:		End Point #3	:	
Comments	:				

Press: M to Add/change to Another Depth, N for Next
P for Previous, D for Done, T to Edit This Form): (M/N/P/D/T)

5941/601

SCREENS 1, 2 and 3

RFEDS
Well Installation Form

Well Number: Old Well No.:	Project Number: EMAD

Area:		North or Y:	East or X:
Purpose:			
Formation:		Well Status:	
Contractor:		Drilling Method:	
Geologist:		Locator:	
Date Drilled:		Ground Elev:	ft.
Total Depth:	ft.	Stick Up:	ft.
Depth to Bedrock	ft.	Completed Depth:	ft.
Casing Diameter:	in.	Borehole Diam.:	in.
Monitoring Interval:	ft. to	ft.	
Initial Water Level:	ft.	Date:	
Completed Water Level:	ft.	Date:	

Item	From	To	I.D.	Type
Surface Seal:		ft.	ft.	
Protective Casing:		ft.	ft.	in.
Surface Casing:		ft.	ft.	in.
Secondary Casing:		ft.	ft.	in.
Centralizer:		ft.	ft.	in.
Bentonite Seal:		ft.	ft.	in.
Filter Pack:				
Volume:	cu. ft.			
Screen:		ft.	ft.	in.
Slot Size:		in.		
Sump:		ft.	ft.	in.
Backfill Seal:		ft.	ft.	
Backfill:		ft.	ft.	
Volume:	cu. ft.			

Well Number:	Project Number:

*Remarks:

DO NOT ENTER LITHOLOGY DESCRIPTIONS HERE!

595/601

SCREEN 1
Num
Lithology Sheet

Well: Interval:
Core Box Number:

Lithology Word: Inter-Bed Word:
Comments

Press D for done, N for Next, T to Edit This Form: (D/N/T)

SCREEN 2
Num
Chemical Borehole Sheet

Well Number: Sample Number:

Interval: 0.00 FT to 0.00 FT

Press D for done, N for Next, T to Edit This Form: (D/N/T)

SCREEN 3
Num
Gradational Grain Size Sheet

Well Number: Sample Number:

Interval: 0.00 FT to 0.00 FT

% Gravel	% Sand	% Sieve	% Silt	% Clay
0	0	0	0	0

Press D for done, N for Next, T to Edit This Form: (D/N/T)

596/601

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM FO.141

ENTER SAMPLE NUMBER: Num

Sample Collection Form

Project Number	:		
Project Name	:		
Sample Number	:	Type:	
Station Code	:	Dry:	(Y/N)
Collection Date	: / /	Quarter:	
Time	:		
Purpose	:		
QC Type	:		
QC Partner	:		
Volume Collected	:	Units:	
Collection Technique	:		

Sample Team Leader :
Member :
Member :
Prepared By :

Press J for Jump to Tracking
N for Next, D for Done, T to Edit This Form: (N/D/T)

Pit and Trench Form

Sample Number: New Project Number: EMAD
Station Code:

Total Length: FT Section:
Comments:

Start	End	Length	Rad	OVM	USCS Horizon
FT	FT	FT	CPM	PPM	
FT	FT	FT	CPM	PPM	
FT	FT	FT	CPM	PPM	
FT	FT	FT	CPM	PPM	
FT	FT	FT	CPM	PPM	

Gen OVM: Gen RAD:

Press N for Next, P for Previous, D for Done, T to Edit This Form: (N/P/D/T)

597 | 601

Biological Sampling Data

Project Number:	Name:
Sample Number:	Sample Type:

Location Code	:	Area	:	Time	: :
Location Description	:	Notebook #	:	Page #	:
Accuracy ±	:	FT Grid X,Y	: ,	0	

Sample Sub-Type	:	Aquatic/Terrestrial	:
QA/QC Code	:	Lab ID	:
Number of Containers	:	Container Volume	:
Type of Containers	:	Analytical Suite	:
Tissue Type	:	Quarter	:
Chain of Custody No.	:	Crew Leader	:
Sample Purpose	:	Sample Weight	:
Comments	:		

Initital Sample Date	Final Sample Date	Ship Date	Sample StorageGen
/ /	/ /	/ /	
D for Done, T for This form:		(D/T)	

598 | 601

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM FO.14K

ENTER BOTTLE ID: Num Caps

Sample Tracking Form

Project Number: Name: EMAD
Sample Number: Sample Type:
Bottle ID: Location Code:

Area :
Lab. ID :
Volume of Bottles :
Parameter : VOA-CLP
Chain of Custody :
Comments :

QA/QC Code :
Number of Bottles :
Shipping Manager :

Init Date	Final Date	Ship Date
/ /	/ /	/ /

(Press: M to Add/Change Another Bottle ID, N for Next, R for Remove
P for Previous, D for Done, T to Edit This Form): (M/N/P/D/T)

599/601

Ground Water Level Measurement Form

WELL NO :

Project Number : EMAD Name:
Well Number :
Date Measured: : / /

Depth to Water : FT
Measured by :
Comments :

Press M to Add/Change Another Well and Date, R to Remove this Level,
D for Done, T to Edit This Form : (M/T/D)

600/601

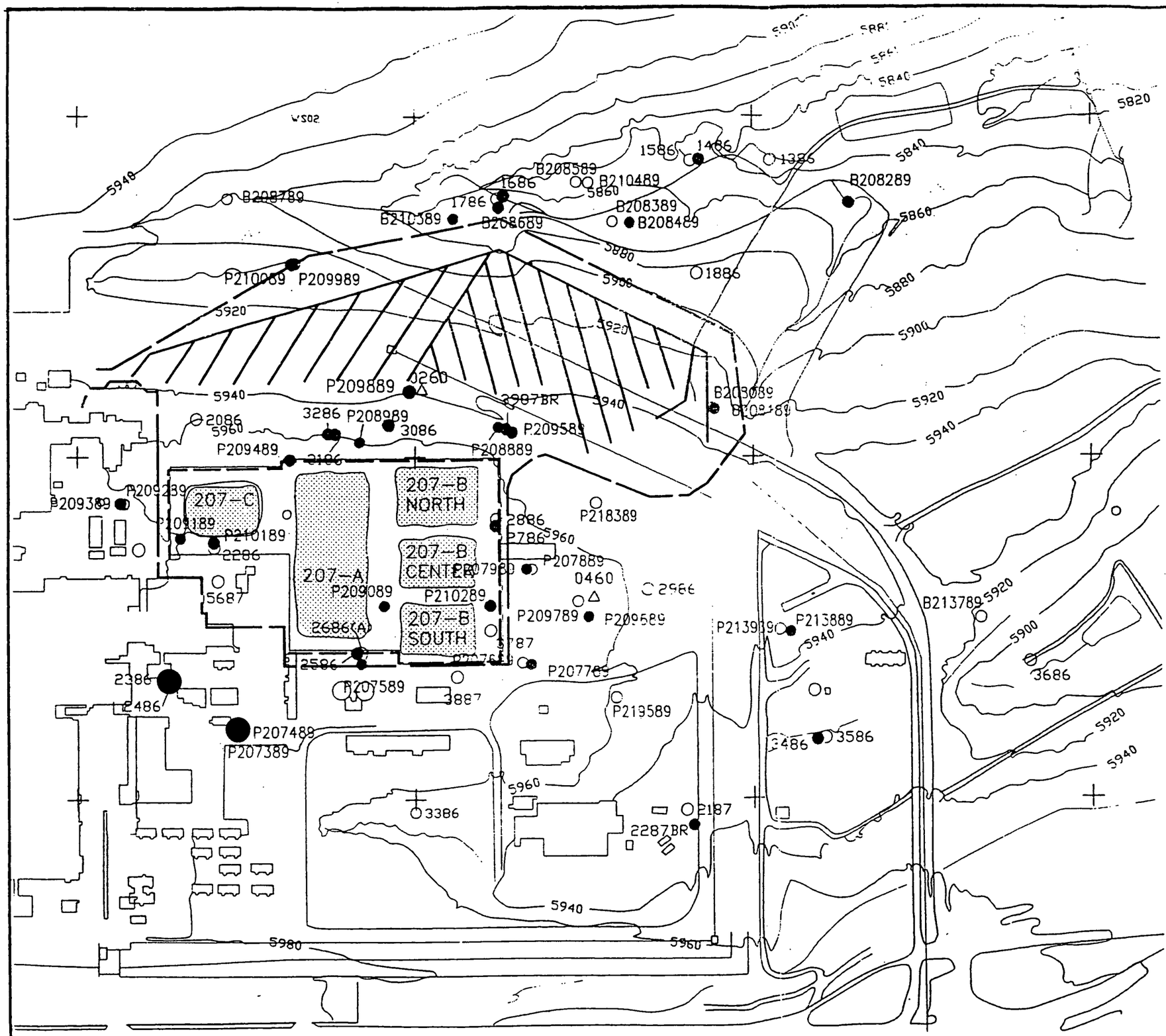
RADIOACTIVE AMBIENT AIR

AIR FLOW TABLE

Project Number: Sample Number:	Project Name:
Temperature: Air Flow: Field Person:	New-Filter Time Pressure: Meter Reading: Notes:
Check-Filter Date: Temperature: Airflow: Field Person:	Time: Pressure: Meter Reading: Notes:
Change-Filter Date: Temperature: Airflow: Field Person:	Time: Pressure: Meter Reading: Notes:

F1 for help - F10 to commit (save) - F6 to clear block
F7 to query (search) - shift F6 to delete - shift F10 to ESC to exit/cancel
Char Mode: Replace Page 1

C601/6011



EXPLANATION

Alluvial Monitoring Well

B208689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

Operable Unit Boundary

Compliance Boundary

French Drain System

SELECTED WELL

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure F-2
Waste Management Area and
Monitoring Well Location

FEBRUARY, 1992

505/601

LEGEND

— · —	BLDG OUTLINE
———	6"Ø FOUNDATION DRAIN

SLOPE

SLOPE

SLOPE

SLOPE

SLOPE

DRAIN SPILLS INTO GRAVEL TO FIND WAY DOWN TO LOWER EXISTING FOUNDATION DRAIN

SLOPE

SLOPE

SLOPE

SLOPE

SLOPE

SLOPE

SLOPE

BLDG 881

SEE AREA PLOT PLAN

887

FOR INFORMATION ONLY

A	CHANGE ITEM		12-3-75		
			DATE		

	BAB	3-14-75
	BAB	4-15-75
		6-13-75

U.S. ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
ROCKY FLATS AREA OFFICE GOLDEN, COLORADO
ROCKWELL INTERNATIONAL
ATOMICS INTERNATIONAL DIVISION
ROCKY FLATS PLANT GOLDEN, COLORADO

FOUNDATION DRAIN PLAN
BLDG 991

NO SCALE

D 25581-2 A

0112-A-00094
1 OF 3

NOTE:
TERMINATION OF FOUNDATION DRAIN & SLOPE IS NOT SHOWN.

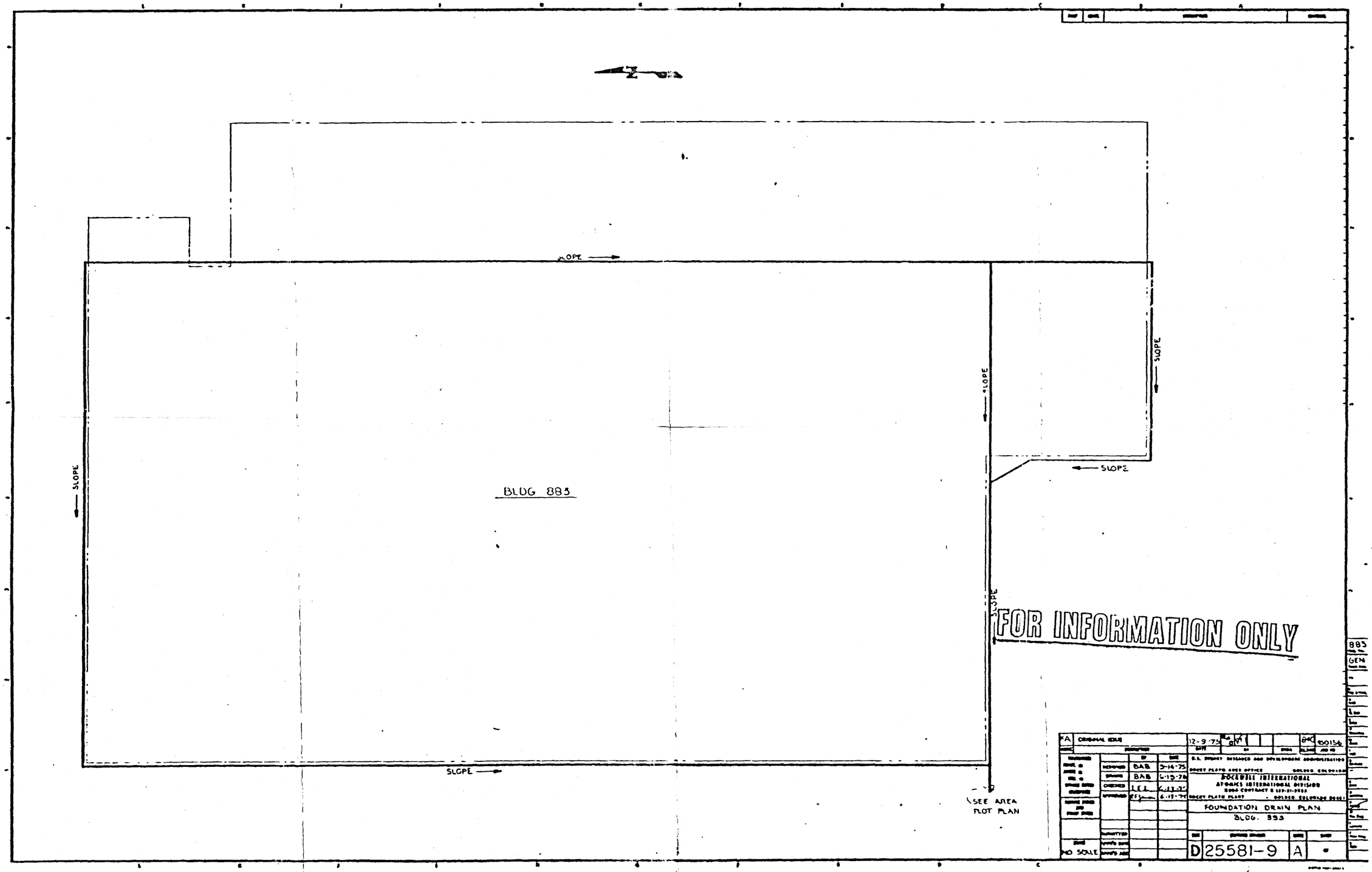
BLDG. 444

N

FOR INFORMATION ONLY

		BAB	3-14-75	12-9-75	410156
		BAB	4-15-75	U.S. ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION	
		J.E.L.	7-11-75	ROCKY FLATS AREA OFFICE GOLDEN, COLORADO	
			7-13-75	ROCKWELL INTERNATIONAL ATOMICS INTERNATIONAL DIVISION ENERGY CONTRACT # 119-01-1000	
				ROCKY FLATS PLANT GOLDEN, COLORADO 80401	
				FOUNDATION DRAIN PLAN BLDG 444	
NO SCALE				D 25581-4	A

0112-A-00094
2 OF 3



OU12-A-00094
3 of 3