95-DMR-ERM-0165

DRAFT

DATA SUMMARY 1
OPERABLE UNIT NO. 14
RADIOACTIVE SITES

U.S. Department of Energy
Rocky Flats Environmental Technology Site
Golden, Colorado

ENVIRONMENTAL RESTORATION PROGRAM

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Volume 2 - Appendices

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APPENDIX A

High Purity Germanium Analytical Data for All Integrated Operable Units

APPENDIX B

Surface-Soil Analytical Data Tables

Best Available Copy

TABLE B-1
Surface Soil Results *
OU14 - IHSS 131

Sample Location:	SS430094	SS430194	SS430294	SS430394	SS430494	SS430594	SS430694	SS430794	SS430894	SS430994	SS430994	SS431094	SS431194	SS431294	SS431394	SS431494
Sample Identification Number:	SSG2195JE	SSG2196JE	SSG2197JE	SSG2198JE	SSG2199JE	SSG2200JE	SSG2201JE	SSG2202JE	SSG2203JE	SSG2204JE	SSG2666JE	SSG2205JE	SSG2206JE	SSG2207JE	SSG2208JE	SSG2209JE
Date Sampled:	17-Oct-94	28-Oct-94	28-Oct-94	15-Nov-94	14-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94
Test Group:BNACLP Units: ug/kg																
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
1,2-DICHLOROBENZENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
1,3-DICHLOROBENZENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
1,4-DICHLOROBENZENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2,4-DICHLOROPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2,4-DINITROPHENOL	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
2,4-DINITROTOLUENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2,6-DINITROTOLUENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2-CHLORONAPHTHALENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2-CHLOROPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2-METHYLNAPHTHALENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	53 J:Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2-METHYLPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
2-NITROANILINE	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
2-NITROPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	< 710 :Y	< 710 :Y	< 710 :Y	< 690 :Y	< 700 :Y	< 720 :Y	< 1400 :Y	< 710 :Y	< 710 :Y	< 710 :Y	< 710 :Y	< 760 :Y
3-NITROANILINE	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
4-CHLOROANILINE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
4-METHYLPHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
4-NITROANILINE	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
4-NITROPHENOL	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
ACENAPHTHENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	490 :Y	380 J:Y	< 350 :Y	91 J:Y	140 BJ:Y	37 J:Y	63 J:Y
ACENAPHTHYLENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
ANTHRACENE	NA	NA	NA	NA	< 360 :Y	41 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	840 :Y	480 J:Y	< 350 :Y	110 J:Y	170 J:Y	55 J:Y	77 J:Y
BENZO(a)ANTHRACENE	NA	NA	NA	NA	< 360 :Y	160 J:Y	< 350 :Y	35 J:Y	< 350 :Y	1400 :Y	1200 :Y	< 350 :Y	320 J:Y	560 :Y	130 J:Y	210 J:Y
BENZO(a)PYRENE	NA	NA	NA	NA	< 360 :Y	190 J:Y	< 350 :Y	39 J:Y	< 350 :Y	1200 :Y	860 :Y	< 350 :Y	310 BJ:Y	380 :Y	< 360 :Y	< 380 :Y
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	< 360 :Y	190 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	2500 :Y	1900 :Y	< 350 :Y	390 :Y	840 :Y	120 J:Y	230 J:Y
BENZO(ghi)PERYLENE	NA	NA	NA	NA	< 360 :Y	61 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	140 J:Y	< 350 :Y	< 360 :Y	< 380 :Y
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	< 360 :Y	93 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	780 :Y	620 J:Y	< 350 :Y	130 J:Y	420 :Y	68 J:Y	110 J:Y
BENZOIC ACID	NA	NA	NA	NA	89 J:Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	64 J:Y	< 1700 :Y	< 1800 :Y
BENZYL ALCOHOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	< 360 :Y	37 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	100 J:Y	150 J:Y	40 J:Y	58 J:Y	66 J:Y	91 BJ:Y	62 BJ:Y
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	330 BJ:Y	240 BJ:Y	88 BJ:Y	43 BJ:Y	58 BJ:Y	69 BJ:Y	< 710 :Y	450 B:Y	320 BJ:Y	180 BJ:Y	78 BJ:Y	190 BJ:Y
CHRYSENE	NA	NA	NA	NA	< 360 :Y	190 J:Y	< 350 :Y	39 J:Y	< 350 :Y	1500 :Y	1400 :Y	< 350 :Y	360 :Y	580 :Y	100 J:Y	180 J:Y
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	51 BJ:Y	39 BJ:Y
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	57 BJ:Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	120 J:Y	140 BJ:Y	160 BJ:Y	< 350 :Y	< 360 :Y	< 380 :Y
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	160 J:Y	110 J:Y	< 350 :Y	39 J:Y	< 350 :Y	< 360 :Y	< 380 :Y
DIBENZOFURAN	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	140 J:Y	120 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
DIETHYL PHTHALATE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
DIMETHYL PHTHALATE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
FLUORANTHENE	NA	NA	NA	NA	< 360 :Y	330 J:Y	< 350 :Y	82 J:Y	48 J:Y	3400 E:Y	2900 :Y	< 350 :Y	780 :Y	1300 :Y	260 J:Y	470 :Y
FLUORENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	420 :Y	330 J:Y	< 350 :Y	66 J:Y	94 J:Y	58 J:Y	67 J:Y
HEXACHLOROBENZENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
HEXACHLOROBUTADIENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
HEXACHLOROETHANE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	< 360 :Y	82 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	440 :Y	320 J:Y	< 350 :Y	170 J:Y	150 J:Y	< 360 :Y	< 380 :Y
ISOPHORONE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
N-NITROSO-Di-n-PROPYLAMINE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
NAPHTHALENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	81 J:Y	75 J:Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
NITROBENZENE	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
PENTACHLOROPHENOL	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 3500 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1800 :Y
PHENANTHRENE	NA	NA	NA	NA	< 360 :Y	160 J:Y	< 350 :Y	53 J:Y	< 350 :Y	3000 E:Y	2300 :Y	< 350 :Y	590 :Y	800 :Y	190 J:Y	320 J:Y
PHENOL	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y

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TABLE B-1
Surface Soil Results *
OU14 - IHSS 131

Sample Location:	SS431594	SS431694	SS431794	SS431894	SS431994	SS431994	SS432094	SS432094	SS432194	SS432294	SS432394	SS432494	SS432594	SS432694
Sample Identification Number:	SSG2210JE	SSG2211JE	SSG2212JE	SSG2213JE	BFG0133JE	SSG2214JE	SSG2215JE	SSG2684JE	SSG2216JE	SSG2217JE	SSG2218JE	SSG2219JE	SSG2220JE	SSG2221JE
Date Sampled:	11-Nov-94	14-Nov-94	14-Nov-94	17-Oct-94	17-Oct-94	17-Oct-94	14-Nov-94	14-Nov-94	11-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94	14-Nov-94	14-Nov-94
Test Group:BNACLP Units: µg/kg														
1,2,4-TRICHLOROBENZENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
1,2-DICHLOROBENZENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
1,3-DICHLOROBENZENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
1,4-DICHLOROBENZENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2,4,5-TRICHLOROPHENOL	< 1800 :Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
2,4,6-TRICHLOROPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2,4-DICHLOROPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2,4-DIMETHYLPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	88 J:Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2,4-DINITROPHENOL	< 1800 :Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
2,4-DINITROTOLUENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2,6-DINITROTOLUENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2-CHLORONAPHTHALENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2-CHLOROPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2-METHYLNAPHTHALENE	46 J:Y	NA	NA	NA	NA	NA	NA	NA	1100 :Y	120 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2-METHYLPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
2-NITROANILINE	< 1800 :Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
2-NITROPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
3,3'-DICHLOROBENZIDINE	< 730 :Y	NA	NA	NA	NA	NA	NA	NA	< 760 :Y	< 760 :Y	< 720 :Y	< 710 :Y	< 720 :Y	< 790 :Y
3-NITROANILINE	< 1800 :Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
4,6-DINITRO-2-METHYLPHENOL	< 1800 :Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
4-CHLORO-3-METHYLPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
4-CHLOROANILINE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
4-CHLOROPHENYL PHENYL ETHER	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
4-METHYLPHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	120 J:Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
4-NITROANILINE	62 J:Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
4-NITROPHENOL	< 1800 :Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
ACENAPHTHENE	400 B:Y	NA	NA	NA	NA	NA	NA	NA	4200 BE:Y	570 B:Y	< 360 :Y	39 J:Y	< 360 :Y	< 400 :Y
ACENAPHTHYLENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	140 J:Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
ANTHRACENE	460 :Y	NA	NA	NA	NA	NA	NA	NA	4800 E:Y	670 :Y	< 360 :Y	70 J:Y	90 J:Y	< 400 :Y
BENZO(a)ANTHRACENE	950 :Y	NA	NA	NA	NA	NA	NA	NA	7900 E:Y	1100 :Y	< 360 :Y	120 J:Y	76 J:Y	120 J:Y
BENZO(a)PYRENE	1000 :Y	NA	NA	NA	NA	NA	NA	NA	1700 :Y	1100 :Y	< 360 :Y	< 360 :Y	< 360 :Y	100 J:Y
BENZO(b)FLUORANTHENE	1400 :Y	NA	NA	NA	NA	NA	NA	NA	8800 E:Y	1400 :Y	< 360 :Y	180 J:Y	130 J:Y	150 J:Y
BENZO(ghi)PERYLENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	350 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
BENZO(k)FLUORANTHENE	400 :Y	NA	NA	NA	NA	NA	NA	NA	3400 E:Y	760 :Y	< 360 :Y	110 J:Y	< 360 :Y	46 J:Y
BENZOIC ACID	70 J:Y	NA	NA	NA	NA	NA	NA	NA	170 J:Y	170 J:Y	< 1800 :Y	< 1700 :Y	100 J:Y	45 J:Y
BENZYL ALCOHOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
BIS(2-CHLOROETHOXY)METHANE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
BIS(2-CHLOROETHYL)ETHER	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 3800 :Y	< 760 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
BIS(2-ETHYLHEXYL)PHTHALATE	62 J:Y	NA	NA	NA	NA	NA	NA	NA	< 3800 :Y	< 760 :Y	300 BJ:Y	130 BJ:Y	400 :Y	< 400 :Y
BUTYL BENZYL PHTHALATE	150 BJ:Y	NA	NA	NA	NA	NA	NA	NA	< 3800 :Y	110 BJ:Y	110 BJ:Y	380 B:Y	130 BJ:Y	140 BJ:Y
CHRYSENE	950 :Y	NA	NA	NA	NA	NA	NA	NA	7700 D:Y	920 D:Y	< 360 :Y	120 J:Y	75 J:Y	110 J:Y
DI-n-BUTYL PHTHALATE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 3800 :Y	< 760 :Y	75 BJ:Y	58 BJ:Y	< 360 :Y	< 400 :Y
DI-n-OCTYL PHTHALATE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 3800 :Y	< 760 :Y	< 360 :Y	47 J:Y	< 360 :Y	< 400 :Y
DIBENZO(a,h)ANTHRACENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 3800 :Y	< 760 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
DIBENZOFURAN	88 J:Y	NA	NA	NA	NA	NA	NA	NA	2100 DJ:Y	180 DJ:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
DIETHYL PHTHALATE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 760 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
DIMETHYL PHTHALATE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 760 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
FLUORANTHENE	2400 :Y	NA	NA	NA	NA	NA	NA	NA	12000 E:Y	2500 D:Y	< 360 :Y	260 J:Y	140 J:Y	250 J:Y
FLUORENE	120 J:Y	NA	NA	NA	NA	NA	NA	NA	4000 E:Y	400 DJ:Y	< 360 :Y	40 J:Y	< 360 :Y	< 400 :Y
HEXACHLOROBENZENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 760 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
HEXACHLOROBUTADIENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 760 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
HEXACHLOROCYCLOPENTADIENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 760 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
HEXACHLOROETHANE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
INDENO(1,2,3-cd)PYRENE	430 :Y	NA	NA	NA	NA	NA	NA	NA	1500 :Y	330 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
ISOPHORONE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
N-NITROSO-Di-n-PROPYLAMINE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
N-NITROSODIPHENYLAMINE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
NAPHTHALENE	180 J:Y	NA	NA	NA	NA	NA	NA	NA	2000 :Y	300 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
NITROBENZENE	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
PENTACHLOROPHENOL	< 1800 :Y	NA	NA	NA	NA	NA	NA	NA	< 1800 :Y	< 1900 :Y	< 1800 :Y	< 1700 :Y	< 1800 :Y	< 1900 :Y
PHENANTHRENE	2100 :Y	NA	NA	NA	NA	NA	NA	NA	13000 E:Y	2500 :Y	< 360 :Y	220 J:Y	93 J:Y	200 J:Y
PHENOL	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y

TABLE B-1
Surface Soil Results *
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Sample Location:	SS430094	SS430194	SS430294	SS430394	SS430494	SS430594	SS430694	SS430794	SS430894	SS430994	SS430994	SS431094	SS431194	SS431294	SS431394	SS431494
Sample Identification Number:	SSG2195JE	SSG2196JE	SSG2197JE	SSG2198JE	SSG2199JE	SSG2200JE	SSG2201JE	SSG2202JE	SSG2203JE	SSG2204JE	SSG2668JE	SSG2205JE	SSG2206JE	SSG2207JE	SSG2208JE	SSG2209JE
Date Sampled:	17-Oct-94	28-Oct-94	28-Oct-94	15-Nov-94	14-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94
PYRENE	NA	NA	NA	NA	44 BJ:Y	350 J:Y	60 J:Y	69 J:Y	40 J:Y	3700 E:Y	3100 :Y	< 350 :Y	830 B:Y	1200 B:Y	68 J:Y	150 J:Y
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 710 :Y	< 350 :Y	< 350 :Y	< 350 :Y	< 360 :Y	< 380 :Y
Test Group:METADD Units: mg/kg																
CESIUM	NA	NA	NA	NA	6.5 B:V	< 6.5 :J	< 4.1 :J	< 6 :J	< 6.1 :J	< 6.2 :J	< 6.9 :J	4.2 B:V	6.4 B:V	4.4 B:V	< 4.3 :J	< 4.7 :J
LITHIUM	NA	NA	NA	NA	5.4 B:V	5.9 B:V	6.8 B:V	6.6 B:V	6.8 B:V	4 B:V	7.6 B:V	6.4 B:V	6.1 B:V	8 B:V	6.4 B:V	6 B:V
MOLYBDENUM	NA	NA	NA	NA	< .52 :V	< 1 :J	< .59 :J	< .77 :J	< .56 :J	< .49 :V	< 1.1 :J	< .5 :V	< .52 :V	< .55 :J	< .69 :J	< .65 :J
STRONTIUM	NA	NA	NA	NA	12.9 B:J	12.2 B:V	15.2 B:V	13.6 B:V	13.4 B:V	15.2 B:V	18.2 B:V	15.2 B:J	14.5 B:J	22.5 B:J	20.2 B:V	19.8 B:V
TIN	NA	NA	NA	NA	< 3.7 :J	< 2.1 :V	< 2 :V	< 2 :V	< 2 :V	< 2 :V	4.6 B:V	< 2.3 :J	< 2.1 :V	< 2.2 :V	< 2.1 :V	< 2.3 :V
Test Group:SMETCLP Units: mg/kg																
ALUMINUM	NA	NA	NA	NA	3170 :V	4880 :J	3770 :J	4060 :J	4010 :J	5030 :J	7270 :J	3500 :V	5040 :V	7830 :V	6630 :V	10400 :V
ANTIMONY	NA	NA	NA	NA	< 2.4 :J	< 2.4 :J	< 2.3 :J	< 2.2 :J	< 2.3 :J	< 2.3 :J	< 2.5 :J	< 2.3 :J	< 2.4 :J	< 2.5 :J	< 2.4 :J	< 2.6 :J
ARSENIC	NA	NA	NA	NA	1.7 B:V	1.9 B:J	1.2 B:J	3.2 :V	1.5 B:J	2.9 :V	3.2 :V	2.6 :V	3.5 :V	4 :V	3.1 :V	6.1 :V
BARIUM	NA	NA	NA	NA	41.3 B:V	50.4 :V	43.6 :V	44.1 :V	46.2 :V	41.5 :V	80.8 :V	39.3 B:V	49 :V	69 :V	52.1 :V	68.5 :V
BERYLLIUM	NA	NA	NA	NA	.13 B:J	.28 B:V	.25 B:V	.29 B:V	.21 B:V	.35 B:V	.45 B:V	.16 B:J	.25 B:J	.49 B:V	.41 B:V	.83 B:V
CADMIUM	NA	NA	NA	NA	< .3 :V	< .3 :V	< .29 :V	< .28 :V	< .28 :V	.63 B:V	.55 B:V	< .29 :V	< .3 :V	< .31 :V	< .3 :J	< .33 :V
CALCIUM	NA	NA	NA	NA	1720 :V	1700 I:J	2070 I:J	1970 I:J	2020 I:J	3510 I:J	3520 I:J	2220 :V	2230 :V	5100 :V	3590 :V	3340 :V
CHROMIUM	NA	NA	NA	NA	6.1 :V	8 :V	10.3 :V	7.6 :V	7.6 :V	12.7 :V	11.2 :V	6.6 :V	8.6 :V	11.6 :V	9.4 :V	12.4 :V
COBALT	NA	NA	NA	NA	8 B:V	10.8 B:J	4.6 B:J	3.7 B:J	6.3 B:J	3.8 B:J	29.7 :J	5.4 B:V	6.9 B:V	8.4 B:V	5.5 B:V	5.4 B:V
COPPER	NA	NA	NA	NA	19.6 :V	27.1 :J	13.2 :J	10.6 :J	19.6 :J	10.7 :J	74.1 :J	10.9 :V	14.4 :V	17.6 :V	22.2 :V	14.9 :V
IRON	NA	NA	NA	NA	6790 :V	8180 :V	8080 :V	9020 :V	8640 :V	7630 :V	10700 :V	7390 :V	8440 :V	10600 :V	11300 :V	12900 :V
LEAD	NA	NA	NA	NA	5.9 :V	10.2 :V	4.9 :V	7.1 :V	6.6 :V	8.6 :V	17.6 :V	5.7 :V	14.7 :V	14.1 :V	15.8 :V	16.9 :V
MAGNESIUM	NA	NA	NA	NA	1750 :V	1820 :V	2030 :V	1990 :V	2040 :V	1270 :V	1940 :V	1900 :V	1830 :V	2030 :V	2580 :V	1700 :V
MANGANESE	NA	NA	NA	NA	131 :V	167 :J	160 :J	146 :J	144 :J	82.7 :J	210 :J	149 :V	146 :V	180 :V	202 :J	137 :J
MERCURY	NA	NA	NA	NA	< .052 :V	< .05 :V	< .051 :V	< .052 :V	< .051 :V	< .053 :V	.056 B:V	< .049 :V	< .049 :V	.054 B:V	< .05 :V	< .06 :V
NICKEL	NA	NA	NA	NA	5.3 B:V	5.6 B:V	6 B:V	6 B:V	5.9 B:V	6.4 B:V	9.4 :V	5.8 B:V	7.5 B:V	8.5 B:V	8.2 B:V	9.8 :V
POTASSIUM	NA	NA	NA	NA	1040 B:V	1450 :V	1160 :V	1220 :V	1230 :V	1310 :V	1400 :V	1160 :V	1260 :V	1310 :V	1200 :V	1130 B:V
SELENIUM	NA	NA	NA	NA	< .54 :J	< .54 :V	< .51 :V	< .5 :V	< .51 :V	< .51 :V	< .56 :V	< .52 :J	< .54 :J	< .55 :J	< .54 :V	< .58 :V
SILVER	NA	NA	NA	NA	.71 B:V	< .77 :J	< .49 :J	< .62 :J	< 1.4 :J	< 2.6 :J	4.1 :J	.95 B:V	1.2 B:V	1 B:V	.99 B:V	< .56 :V
SODIUM	NA	NA	NA	NA	122 B:V	< 101 :J	< 82.3 :J	< 109 :J	< 88.3 :J	< 92.4 :J	150 B:V	93.4 B:V	80.9 B:V	94.6 B:V	154 B:V	140 B:V
THALLIUM	NA	NA	NA	NA	< .37 :V	< .37 :J	< .35 :J	< .34 :V	< .34 :J	< .35 :V	< .38 :J	< .36 :V	< .37 :V	< .38 :V	< .37 :V	< .4 :V
VANADIUM	NA	NA	NA	NA	10.3 B:V	13.9 :V	11.9 :V	14.5 :V	13.6 :V	15.4 :V	21 :V	11.8 :V	14.9 :V	21.1 :V	19.6 :V	28.5 :V
ZINC	NA	NA	NA	NA	20.3 :V	32.5 :V	21 :V	29.5 :V	23.7 :V	73.2 :V	54 :V	23.6 :V	56.2 :V	76.2 :V	50.9 :V	41.5 :V
Test Group:TRADS Units: pCi/g																
AMERICIUM-241	.002(.006) U:Y	.028(.014) :Y	.23(.041) :Y	.12(.03) :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.094(.026) :Y	.03(.013) :Y
GROSS ALPHA	28(4.5) :Y	28(4.2) :Y	23(3.9) :Y	28(4.2) :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16(3) :Y	15(2.6) :Y
GROSS BETA	32(3.7) :Y	34(3.6) :Y	28(3.3) :Y	36(3.6) :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24(3.5) :Y	20(3.3) :Y
PLUTONIUM-239/240	.01(.007) J:Y	.15(.024) :Y	1.5(.089) :Y	.58(.062) :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.5(.063) :Y	.12(.028) :Y
URANIUM-233,-234	.97(.18) :Y	.82(.11) :Y	.92(.17) :Y	1.1(.23) :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.67(.15) :Y	.71(.24) :Y
URANIUM-235	.062(.046) J:Y	.027(.023) U:Y	.064(.048) J:Y	.065(.064) J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.049(.039) U:Y	.034(.069) U:Y
URANIUM-238	1(.18) :Y	.83(.11) :Y	.82(.16) :Y	1.1(.21) :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.66(.15) :Y	.52(.18) :Y
Test Group:VOACLP Units: µg/kg																
1,1,1-TRICHLOROETHANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1,2,2-TETRACHLOROETHANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1,2-TRICHLOROETHANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1-DICHLOROETHANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1-DICHLOROETHENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,2-DICHLOROETHANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,2-DICHLOROETHENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,2-DICHLOROPROPANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
2-BUTANONE	NA	< 11 :R	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
2-HEXANONE	NA	< 11 :V	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
4-METHYL-2-PENTANONE	NA	< 11 :V	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
ACETONE	NA	< 48 :J	NA	NA	18 B:Y	31 B:Y	38 B:Y	50 B:Y	43 B:Y	30 B:Y	53 B:Y	71 B:Y	57 B:Y	30 B:Y	26 B:Y	26 B:Y
BENZENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
BROMODICHLOROMETHANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
BROMOFORM	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
BROMOMETHANE	NA	< 11 :V	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
CARBON DISULFIDE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CARBON TETRACHLORIDE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CHLOROBENZENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CHLOROETHANE	NA	< 11 :V	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
CHLOROFORM	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CHLOROMETHANE	NA	< 11 :V	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
CYCLOHEXANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 BJ:Y	NA	8 BJ:Y	NA	NA

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TABLE B-1
Surface Soil Results *
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Sample Location:	SS431594	SS431694	SS431794	SS431894	SS431994	SS431994	SS432094	SS432094	SS432194	SS432294	SS432394	SS432494	SS432594	SS432694
Sample Identification Number:	SSG2210JE	SSG2211JE	SSG2212JE	SSG2213JE	BFG0133JE	SSG2214JE	SSG2215JE	SSG2664JE	SSG2216JE	SSG2217JE	SSG2218JE	SSG2219JE	SSG2220JE	SSG2221JE
Date Sampled:	11-Nov-94	14-Nov-94	14-Nov-94	17-Oct-94	17-Oct-94	17-Oct-94	14-Nov-94	14-Nov-94	11-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94	14-Nov-94	14-Nov-94
PYRENE	3500 BE:Y	NA	NA	NA	NA	NA	NA	NA	12000 BE:Y	3200 BE:Y	< 360 :Y	170 J:Y	240 J:Y	310 J:Y
p-BROMODIPHENYL ETHER	< 370 :Y	NA	NA	NA	NA	NA	NA	NA	< 380 :Y	< 380 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 400 :Y
Test Group:METADD Units: mg/kg														
CESIUM	6.5 B:V	NA	NA	NA	NA	NA	NA	NA	4.8 B:V	4.8 B:V	< 6.7 :J	< 6.4 :J	4.1 B:V	4.5 B:V
LITHIUM	6.6 B:V	NA	NA	NA	NA	NA	NA	NA	10.8 B:V	7.8 B:V	7.5 B:V	6.3 B:V	.99 B:V	5.7 B:V
MOLYBDENUM	< .56 :J	NA	NA	NA	NA	NA	NA	NA	< .73 :J	< .57 :V	< 4.3 :J	< 1.1 :J	< .49 :V	< .54 :V
STRONTIUM	18.6 B:J	NA	NA	NA	NA	NA	NA	NA	22 B:J	21.8 B:J	15.9 B:V	16.9 B:V	12.3 B:J	7.2 B:J
TIN	< 2.1 :V	NA	NA	NA	NA	NA	NA	NA	< 2.4 :V	< 2.4 :V	< 3 :J	< 2.1 :V	< 2.5 :J	< 2.2 :V
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	7370 :V	NA	NA	NA	NA	NA	NA	NA	15000 :V	11200 :V	5790 :V	4440 :V	1460 :V	3380 :V
ANTIMONY	< 2.4 :J	NA	NA	NA	NA	NA	NA	NA	< 2.7 :J	< 2.7 :J	< 2.5 :J	< 2.4 :J	2.9 B:J	< 2.5 :J
ARSENIC	3.7 :V	NA	NA	NA	NA	NA	NA	NA	8.4 :V	7.2 :V	4.6 :V	2.2 :V	8 :V	2 B:V
BARIUM	57.9 :V	NA	NA	NA	NA	NA	NA	NA	134 :V	105 :V	49.6 :V	45.6 :V	39.6 B:V	39.1 B:V
BERYLLIUM	.49 B:V	NA	NA	NA	NA	NA	NA	NA	1.2 :V	1 B:V	.65 B:V	.28 B:V	.088 B:J	.13 B:J
CADMIUM	< .3 :V	NA	NA	NA	NA	NA	NA	NA	.61 B:V	.83 B:V	1.7 :J	< .3 :J	1.4 :V	< .31 :V
CALCIUM	3770 :V	NA	NA	NA	NA	NA	NA	NA	3660 :V	3250 :V	2650 :V	2970 :V	1000 B:V	1250 :V
CHROMIUM	9.6 :V	NA	NA	NA	NA	NA	NA	NA	15.9 :V	11.6 :V	25.9 :V	8.2 :V	4.2 :V	6.5 :V
COBALT	8.3 B:V	NA	NA	NA	NA	NA	NA	NA	8.6 B:V	7.6 B:V	9 B:V	5.4 B:V	1.1 B:V	6.6 B:V
COPPER	18.1 :V	NA	NA	NA	NA	NA	NA	NA	15.8 :V	14 :V	81.8 :V	21.2 :V	18.3 :V	18.5 :V
IRON	10100 :V	NA	NA	NA	NA	NA	NA	NA	15800 :V	12600 :V	17100 :V	10200 :V	3040 :V	7850 :V
LEAD	18.2 :V	NA	NA	NA	NA	NA	NA	NA	17.3 :V	12.1 :V	19.9 :V	18 :V	5.6 :V	9.7 :V
MAGNESIUM	1920 :V	NA	NA	NA	NA	NA	NA	NA	2170 :V	1890 :V	1670 :V	2250 :V	417 B:V	1660 :V
MANGANESE	264 :V	NA	NA	NA	NA	NA	NA	NA	187 :V	124 :V	216 :J	185 :J	32.1 :V	143 :V
MERCURY	< .056 :V	NA	NA	NA	NA	NA	NA	NA	.084 B:V	.21 :V	< .05 :V	< .05 :V	< .048 :V	< .052 :V
NICKEL	8.8 :V	NA	NA	NA	NA	NA	NA	NA	14.7 :V	14.7 :V	14.3 :V	6.4 B:V	3 B:V	6 B:V
POTASSIUM	1360 :V	NA	NA	NA	NA	NA	NA	NA	1460 :V	1340 :V	1150 :V	1250 :V	498 B:V	1150 :V
SELENIUM	< .54 :J	NA	NA	NA	NA	NA	NA	NA	< .61 :J	< .6 :J	< .56 :V	< .53 :V	< .51 :J	< .56 :J
SILVER	1.2 B:V	NA	NA	NA	NA	NA	NA	NA	1.6 B:V	.99 B:V	1.3 B:V	.55 B:V	< .49 :V	.7 B:V
SODIUM	119 B:V	NA	NA	NA	NA	NA	NA	NA	119 B:V	189 B:V	160 B:V	110 B:V	115 B:V	< 60.3 :J
THALLIUM	< .37 :V	NA	NA	NA	NA	NA	NA	NA	< .41 :V	< .41 :V	< .38 :V	< .36 :V	< .35 :V	< .38 :V
VANADIUM	19.5 :V	NA	NA	NA	NA	NA	NA	NA	36.2 :V	27.9 :V	17.8 :V	13.9 :V	9.8 B:V	11.3 :V
ZINC	57.9 :V	NA	NA	NA	NA	NA	NA	NA	772 :V	640 :V	81.3 :V	86.1 :V	126 :V	44.3 :V
Test Group:TRADS Units: pCi/g														
AMERICIUM-241	NA	.07(.024) :Y	.04(.02) :Y	.013(.005) J:Y	.011(.01) J:V	.009(.009) U:Y	.005(.008) U:Y	.002(.009) U:Y	NA	NA	.088(.024) :Y	.35(.049) :Y	NA	NA
GROSS ALPHA	NA	22(3.7) :Y	22(3.9) :Y	21(3.9) :Y	27(1.8) :A	14(3.2) :Y	12(2.8) :Y	14(3.1) :Y	NA	NA	14(2.8) :Y	18(3) :Y	NA	NA
GROSS BETA	NA	36(3.7) :Y	33(3.5) :Y	30(3.5) :Y	31(1.6) :A	26(3.5) :Y	32(3.7) :Y	34(3.6) :Y	NA	NA	28(3.3) :Y	22(3.3) :Y	NA	NA
PLUTONIUM-239/240	NA	.5(.037) :Y	.45(.058) :Y	.049(.013) :Y	.039(.012) :V	.036(.01) :Y	.012(.014) U:Y	.036(.017) :Y	NA	NA	.64(.088) :Y	2.6(.14) :Y	NA	NA
URANIUM-233,-234	NA	.76(.21) :Y	.82(.11) :Y	.87(.18) :Y	.92(.16) :V	.71(.19) :Y	.41(.13) :Y	.41(.14) :Y	NA	NA	.72(.17) :Y	.5(.15) :Y	NA	NA
URANIUM-235	NA	.052(.052) U:Y	.059(.032) J:Y	.017(.017) U:Y	.028(.042) U:V	(.024) U:Y	.038(.051) U:Y	.04(.054) U:Y	NA	NA	.022(.022) U:Y	.011(.042) U:Y	NA	NA
URANIUM-238	NA	.89(.21) :Y	.79(.11) :Y	.86(.16) :Y	.98(.16) :V	.67(.17) :Y	.4(.13) :Y	.46(.14) :Y	NA	NA	.9(.2) :Y	.52(.15) :Y	NA	NA
Test Group:VOACLP Units: µg/kg														
1,1,1-TRICHLOROETHANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1,2,2-TETRACHLOROETHANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1,2-TRICHLOROETHANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1-DICHLOROETHANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,1-DICHLOROETHENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,2-DICHLOROETHANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,2-DICHLOROETHENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
1,2-DICHLOROPROPANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
2-BUTANONE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
2-HEXANONE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
4-METHYL-2-PENTANONE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
ACETONE	56 B:Y	NA	NA	NA	NA	NA	NA	NA	26 B:Y	29 B:Y	20 B:Y	29 B:Y	74 B:Y	64 B:Y
BENZENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
BROMODICHLOROMETHANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
BROMOFORM	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
BROMOMETHANE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
CARBON DISULFIDE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CARBON TETRACHLORIDE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CHLOROBENZENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CHLOROETHANE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
CHLOROFORM	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
CHLOROMETHANE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
CYCLOHEXANE	8 BJ:Y	NA	NA	NA	NA	NA	NA	NA	18 BJ:Y	NA	NA	NA	10 BJ:Y	NA

TABLE B-1
Surface Soil Results *
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Sample Location:	SS430094	SS430194	SS430294	SS430394	SS430494	SS430594	SS430694	SS430794	SS430894	SS430994	SS430994	SS431094	SS431194	SS431294	SS431394	SS431494
Sample Identification Number;	SSG2195JE	SSG2196JE	SSG2197JE	SSG2198JE	SSG2199JE	SSG2200JE	SSG2201JE	SSG2202JE	SSG2203JE	SSG2204JE	SSG2666JE	SSG2205JE	SSG2206JE	SSG2207JE	SSG2208JE	SSG2209JE
Date Sampled:	17-Oct-94	28-Oct-94	28-Oct-94	15-Nov-94	14-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94
DIBROMOCHLOROMETHANE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
ETHYLBENZENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
METHYLENE CHLORIDE	NA	< 5 :V	NA	NA	4 BJ:Y	5 BJ:Y	5 BJ:Y	5 BJ:Y	6 B:Y	2 BJ:Y	3 J:Y	6 B:Y	5 BJ:Y	3 BJ:Y	9 B:Y	7 B:Y
STYRENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
TETRACHLOROETHENE	NA	< 5 :V	NA	NA	69 :Y	10 :Y	13 :Y	4 J:Y	9 :Y	120 :Y	140 :Y	8 :Y	2 J:Y	< 5 :Y	< 5 :Y	< 6 :Y
TOLUENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	3 J:Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
TOTAL XYLENES	NA	2 J:A	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
TRICHLOROETHENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
UNKNOWN TIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 J:Y	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALDOL CONDENSATION	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 J:Y	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALKANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 J:Y	NA	NA	NA	NA	NA
UNKNOWN TIC ; C5H10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 J:Y	NA	NA	NA	NA	NA
UNKNOWN TIC ; C9H12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21 J:Y	NA	NA	NA	NA	NA
VINYL ACETATE	NA	< 11 :V	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
VINYL CHLORIDE	NA	< 11 :V	NA	NA	< 11 :Y	< 11 :Y	< 11 :Y	< 10 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
cis-1,3-DICHLOROPROPENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y
n-HEXANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7 J:Y	NA	NA
trans-1,3-DICHLOROPROPENE	NA	< 5 :V	NA	NA	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 5 :Y	< 6 :Y

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TABLE B-1
Surface Soil Results *
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Sample Location:	SS431594	SS431694	SS431794	SS431894	SS431994	SS431994	SS432094	SS432094	SS432194	SS432294	SS432394	SS432494	SS432594	SS432694
Sample Identification Number:	SSG2210JE	SSG2211JE	SSG2212JE	SSG2213JE	BFG0133JE	SSG2214JE	SSG2215JE	SSG2664JE	SSG2216JE	SSG2217JE	SSG2218JE	SSG2219JE	SSG2220JE	SSG2221JE
Date Sampled:	11-Nov-94	14-Nov-94	14-Nov-94	17-Oct-94	17-Oct-94	17-Oct-94	14-Nov-94	14-Nov-94	11-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94	14-Nov-94	14-Nov-94
DIBROMOCHLOROMETHANE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
ETHYLBENZENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
METHYLENE CHLORIDE	4 BJ:Y	NA	NA	NA	NA	NA	NA	NA	4 BJ:Y	4 BJ:Y	9 B:Y	8 B:Y	5 BJ:Y	7 B:Y
STYRENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
TETRACHLOROETHENE	3 J:Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	3 J:Y	43 :Y
TOLUENE	1 J:Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
TOTAL XYLENES	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
TRICHLOROETHENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
UNKNOWN TIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALDOL CONDENSATION	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALKANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C5H10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C9H12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
VINYL CHLORIDE	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	< 12 :Y	< 12 :Y	< 11 :Y	< 11 :Y	< 11 :Y	< 12 :Y
cis-1,3-DICHLOROPROPENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y
n-HEXANE	7 J:Y	NA	NA	NA	NA	NA	NA	NA	24 J:Y	24 J:Y	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	< 6 :Y	NA	NA	NA	NA	NA	NA	NA	< 6 :Y	< 6 :Y	< 6 :Y	< 5 :Y	< 5 :Y	< 6 :Y

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organics
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-2
Surface Soil Data Summary - All Results*
OU14 - IHSS 131

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/kg												
1,2,4-TRICHLOROBENZENE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
1,2-DICHLOROBENZENE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
1,3-DICHLOROBENZENE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
1,4-DICHLOROBENZENE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2,4,5-TRICHLOROPHENOL	1600	1700	SS430494 (11)	1900	SS432294 (2)					0	18	0
2,4,6-TRICHLOROPHENOL	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2,4-DICHLOROPHENOL	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2,4-DIMETHYLPHENOL	330	350	SS430694 (6)	400	SS432694 (1)	88 J:Y	SS432194 (1)	88 J:Y	SS432194 (1)	1	18	175.7222
2,4-DINITROPHENOL	1600	1700	SS430494 (11)	1900	SS432294 (2)					0	18	0
2,4-DINITROTOLUENE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2,6-DINITROTOLUENE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2-CHLORONAPHTHALENE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2-CHLOROPHENOL	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2-METHYLNAPHTHALENE	330	350	SS430694 (6)	400	SS432694 (1)	46 J:Y	SS431594 (1)	1100 :Y	SS432194 (1)	4	18	213.2778
2-METHYLPHENOL	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
2-NITROANILINE	1600	1700	SS430494 (11)	1900	SS432294 (2)					0	18	0
2-NITROPHENOL	330	350	SS430694 (6)	400	SS432694 (1)					0	19	0
3,3'-DICHLOROBENZIDINE	660	690	SS430794 (1)	790	SS432694 (1)					0	18	0
3-NITROANILINE	1600	1700	SS430494 (11)	1900	SS432294 (3)					0	19	0
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS430494 (11)	1900	SS432294 (2)					0	18	0
4-CHLORO-3-METHYLPHENOL	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
4-CHLOROANILINE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
4-CHLOROPHENYL PHENYL ETHER	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
4-METHYLPHENOL	330	350	SS430694 (6)	400	SS432694 (1)	120 J:Y	SS432194 (1)	120 J:Y	SS432194 (1)	1	18	177.5
4-NITROANILINE	1600	1700	SS430494 (11)	1900	SS432294 (2)	62 J:Y	SS431594 (1)	62 J:Y	SS431594 (1)	1	18	828.4445
4-NITROPHENOL	1600	1700	SS430494 (11)	1900	SS432294 (2)					0	18	0
ACENAPHTHENE	330	350	SS430694 (4)	400	SS432694 (1)	37 J:Y	SS431394 (1)	4200 BE:Y	SS432194 (1)	9	18	425
ACENAPHTHYLENE	330	350	SS430694 (6)	400	SS432694 (1)	140 J:Y	SS432194 (1)	140 J:Y	SS432194 (1)	1	18	178.6111
ANTHRACENE	330	350	SS430694 (4)	400	SS432694 (1)	41 J:Y	SS430594 (1)	4800 E:Y	SS432194 (1)	11	18	469.0555
BENZO(a)ANTHRACENE	330	350	SS430694 (3)	360	SS430494 (2)	35 J:Y	SS430794 (1)	7900 E:Y	SS432194 (1)	13	18	777.5555
BENZO(a)PYRENE	330	350	SS430694 (3)	380	SS431494 (1)	39 J:Y	SS430794 (1)	1700 :Y	SS432194 (1)	9	18	424.1111
BENZO(b)FLUORANTHENE	330	350	SS430694 (4)	360	SS430494 (2)	120 J:Y	SS431394 (1)	8800 E:Y	SS432194 (1)	12	18	966.1111
BENZO(ghi)PERYLENE	330	350	SS430694 (5)	400	SS432694 (1)	61 J:Y	SS430594 (1)	350 J:Y	SS432294 (1)	3	18	181.7222
BENZO(k)FLUORANTHENE	330	350	SS430694 (4)	360	SS430494 (3)	46 J:Y	SS432694 (1)	3400 E:Y	SS432194 (1)	11	18	419.8333
BENZOIC ACID	1600	1700	SS430594 (9)	1800	SS431494 (2)	45 J:Y	SS432694 (1)	170 J:Y	SS432194 (2)	7	18	564.3333
BENZYL ALCOHOL	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
BIS(2-CHLOROETHOXY)METHANE	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
BIS(2-CHLOROETHYL)ETHER	330	350	SS430694 (6)	400	SS432694 (1)					0	19	0
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS430694 (7)	3800	SS432194 (1)					0	25	0
BIS(2-ETHYLHEXYL)PHTHALATE	330	350	SS430694 (3)	3800	SS432194 (1)	37 J:Y	SS430594 (1)	460 :Y	SS432594 (1)	16	25	231.8
BUTYL BENZYL PHTHALATE	330	3800	SS432194 (1)	3800	SS432194 (1)	43 BJ:Y	SS430794 (1)	450 B:Y	SS431094 (1)	25	26	249.1154
CHRYSENE	330	350	SS430694 (3)	360	SS430494 (2)	39 J:Y	SS430794 (1)	7700 D:Y	SS432194 (1)	21	26	938.3077
DI-n-BUTYL PHTHALATE	330	350	SS430694 (7)	3800	SS432194 (1)	39 BJ:Y	SS431494 (1)	75 BJ:Y	SS432394 (1)	5	26	231
DI-n-OCTYL PHTHALATE	330	350	SS430694 (5)	3800	SS432194 (1)	47 J:Y	SS432494 (1)	160 BJ:Y	SS431194 (1)	6	24	240.7083
DIBENZO(a,h)ANTHRACENE	330	350	SS430694 (6)	3800	SS432194 (1)	39 J:Y	SS431194 (1)	160 J:Y	SS430994 (1)	3	25	249.16
DIBENZOFURAN	330	350	SS430694 (7)	400	SS432694 (1)	88 J:Y	SS431594 (1)	2100 DJ:Y	SS432194 (1)	7	25	324.32
DIETHYL PHTHALATE	330	350	SS430694 (7)	760	SS432294 (1)					0	23	0
DIMETHYL PHTHALATE	330	350	SS430694 (7)	760	SS432294 (1)					0	23	0
FLUORANTHENE	330	350	SS430694 (2)	360	SS430494 (2)	48 J:Y	SS430894 (1)	12000 E:Y	SS432194 (1)	18	22	1281.818
FLUORENE	330	350	SS430694 (4)	400	SS432694 (1)	40 J:Y	SS432494 (1)	4000 E:Y	SS432194 (1)	10	22	359.0909
HEXACHLOROBENZENE	330	350	SS430694 (6)	760	SS432294 (1)					0	22	0
HEXACHLOROBUTADIENE	330	350	SS430694 (6)	760	SS432294 (1)					0	22	0
HEXACHLOROCYCLOPENTADIENE	330	350	SS430694 (6)	760	SS432294 (1)					0	22	0
HEXACHLOROETHANE	330	350	SS430694 (6)	400	SS432694 (1)					0	20	0
INDENO(1,2,3-cd)PYRENE	330	350	SS430694 (4)	400	SS432694 (1)	82 J:Y	SS430594 (1)	1500 :Y	SS432194 (1)	7	20	273.35
ISOPHORONE	330	350	SS430694 (6)	400	SS432694 (1)					0	20	0
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS430694 (6)	400	SS432694 (1)					0	20	0
N-NITROSODIPHENYLAMINE	330	350	SS430694 (6)	400	SS432694 (1)					0	19	0

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TABLE B-2
Surface Soil Data Summary - All Results***
OU14 - IHSS 131

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
NAPHTHALENE	330	350	SS430694 (6)	400	SS432694 (1)	81 J:Y	SS430994 (1)	2000 :Y	SS432194 (1)	4	19	276.8947
NITROBENZENE	330	350	SS430694 (6)	400	SS432694 (1)					0	19	0
PENTACHLOROPHENOL	1600	1700	SS430494 (11)	1900	SS432294 (2)					0	18	0
PHENANTHRENE	330	350	SS430694 (3)	360	SS430494 (2)	53 J:Y	SS430794 (1)	13000 E:Y	SS432194 (1)	13	18	1339.5
PHENOL	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
PYRENE	330	350	SS431094 (1)	360	SS432394 (1)	40 J:Y	SS430894 (1)	12000 BE:Y	SS432194 (1)	16	18	1460.333
p-BROMODIPHENYL ETHER	330	350	SS430694 (6)	400	SS432694 (1)					0	18	0
Test Group:METADD Units: mg/kg												
CESIUM	1000	4.1	SS430694 (1)	8.2	SS430994 (1)	4.1 B:V	SS432594 (1)	6.5 B:V	SS430494 (2)	9	18	4.0944
LITHIUM	100	**	**	**	**	.99 B:V	SS432594 (1)	10.8 B:V	SS432194 (1)	18	18	6.5494
MOLYBDENUM	200	0.49	SS430994 (2)	4.3	SS432394 (1)					0	18	0
STRONTIUM	200	**	**	**	**	7.2 B:J	SS432694 (1)	22.5 B:J	SS431294 (1)	18	18	18.2444
TIN	200	2	SS430694 (3)	3.7	SS430494 (1)	4.6 B:V	SS430994 (1)	4.6 B:V	SS430994 (1)	1	18	1.3528
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	**	**	**	**	1460 :V	SS432594 (1)	15000 :V	SS432194 (1)	18	18	6068.667
ANTIMONY	60	2.2	SS430794 (1)	2.7	SS432194 (2)	2.9 B:J	SS432594 (1)	2.9 B:J	SS432594 (1)	1	18	1.3083
ARSENIC	10	**	**	**	**	1.2 B:J	SS430694 (1)	8.4 :V	SS432194 (1)	18	18	3.7944
BARIUM	200	**	**	**	**	39.1 B:V	SS432694 (1)	134 :V	SS432194 (1)	18	18	58.6167
BERYLLIUM	5	**	**	**	**	.088 B:J	SS432594 (1)	1.2 :V	SS432194 (1)	18	18	0.4218
CADMIUM	5	0.28	SS430794 (2)	0.33	SS431494 (1)	.61 B:V	SS432194 (1)	1.7 :J	SS432394 (1)	5	18	0.3953
CALCIUM	5000	**	**	**	**	1000 B:V	SS432594 (1)	5100 :V	SS431294 (1)	18	18	2679.444
CHROMIUM	10	**	**	**	**	4.2 :V	SS432594 (1)	25.9 :V	SS432394 (1)	18	18	10.1556
COBALT	50	**	**	**	**	1.1 B:V	SS432594 (1)	29.7 :J	SS430994 (1)	18	18	7.9611
COPPER	25	**	**	**	**	10.6 :J	SS430794 (1)	81.8 :V	SS432394 (1)	18	18	23.7722
IRON	100	**	**	**	**	3040 :V	SS432594 (1)	17100 :V	SS432394 (1)	18	18	9929.444
LEAD	3	**	**	**	**	4.9 :V	SS430694 (1)	19.9 :V	SS432394 (1)	18	18	12.15
MAGNESIUM	5000	**	**	**	**	417 B:V	SS432594 (1)	2580 :V	SS431394 (1)	18	18	1865.944
MANGANESE	15	**	**	**	**	32.1 :V	SS432594 (1)	264 :V	SS431594 (1)	18	18	162.3945
MERCURY	0.2	0.05	SS432594 (1)	0.06	SS431494 (1)	.054 B:V	SS431294 (1)	.21 :V	SS432294 (1)	4	18	0.0424
NICKEL	40	**	**	**	**	3 B:V	SS432594 (1)	14.7 :V	SS432194 (2)	18	18	8.1056
POTASSIUM	5000	**	**	**	**	496 B:V	SS432594 (1)	1460 :V	SS432194 (1)	18	18	1209.222
SELENIUM	5	0.5	SS430794 (1)	0.61	SS432194 (1)					0	18	0
SILVER	10	0.49	SS430694 (2)	1.4	SS430894 (1)	.55 B:V	SS432494 (1)	4.1 :J	SS430994 (1)	12	18	0.9753
SODIUM	5000	60.3	SS432694 (1)	109	SS430794 (1)	80.9 B:V	SS431194 (1)	169 B:V	SS432294 (1)	13	18	102.6306
THALLIUM	10	0.34	SS430794 (2)	0.41	SS432194 (2)					0	18	0
VANADIUM	50	**	**	**	**	9.8 B:V	SS432594 (1)	36.2 :V	SS432194 (1)	18	18	17.65
ZINC	20	**	**	**	**	20.3 :V	SS430494 (1)	772 :V	SS432194 (1)	18	18	125.8445
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.01	**	**	**	**	.002(.006) U:Y	SS430094 (2)	.35(.049) :Y	SS432494 (1)	16	16	0.0677
GROSS ALPHA	2	**	**	**	**	12(2.8) :Y	SS432094 (1)	28(4.5) :Y	SS430094 (3)	16	16	20.5625
GROSS BETA	4	**	**	**	**	20(3.3) :Y	SS431494 (1)	36(3.6) :Y	SS430394 (2)	16	16	29.8125
PLUTONIUM-239/240	0.01	**	**	**	**	.01(.007) J:Y	SS430094 (1)	2.6(.14) :Y	SS432494 (1)	16	16	0.4538
URANIUM-233,-234	0.08	**	**	**	**	.41(.13) :Y	SS432094 (2)	1.1(.23) :Y	SS430394 (1)	16	16	0.7644
URANIUM-235	0.08	**	**	**	**	(.024) U:Y:Y	SS431994 (1)	.085(.064) J:Y	SS430394 (1)	16	16	0.0385
URANIUM-238	0.07	**	**	**	**	.4(.13) :Y	SS432094 (1)	1.1(.21) :Y	SS430394 (1)	16	16	0.7737
Test Group:VOACLP Units: µg/kg												
1,1,1-TRICHLOROETHANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
1,1,2,2-TETRACHLOROETHANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
1,1,2-TRICHLOROETHANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
1,1-DICHLOROETHANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
1,1-DICHLOROETHENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
1,2-DICHLOROETHANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
1,2-DICHLOROETHENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
1,2-DICHLOROPROPANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
2-BUTANONE	10	10	SS430794 (1)	12	SS431494 (4)					0	18	0
2-HEXANONE	10	10	SS430794 (1)	12	SS431494 (4)					0	19	0
4-METHYL-2-PENTANONE	10	10	SS430794 (1)	12	SS431494 (4)					0	19	0
ACETONE	10	48	SS430194 (1)	48	SS430194 (1)	18 B:Y	SS430494 (1)	74 B:Y	SS432594 (1)	18	19	40.2632
BENZENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0

TABLE B-2
Surface Soil Data Summary - All Results***
OU14 - IHSS 131

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BROMODICHLOROMETHANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
BROMOFORM	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
BROMOMETHANE	10	10	SS430794 (1)	12	SS431494 (4)					0	19	0
CARBON DISULFIDE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
CARBON TETRACHLORIDE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
CHLOROBENZENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
CHLOROETHANE	10	10	SS430794 (1)	12	SS431494 (4)					0	19	0
CHLOROFORM	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
CHLOROMETHANE	10	10	SS430794 (1)	12	SS431494 (4)					0	19	0
CYCLOHEXANE	0	**	**	**	**	8 BJ:Y	SS431294 (2)	18 BJ:Y	SS432194 (1)	5	5	10.8
DIBROMOCHLOROMETHANE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
ETHYLBENZENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
METHYLENE CHLORIDE	5	5	SS430194 (1)	5	SS430194 (1)	3 J:Y	SS430994 (2)	9 B:Y	SS431394 (2)	18	19	5.3421
STYRENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
TETRACHLOROETHENE	5	5	SS430194 (4)	6	SS431494 (4)	2 J:Y	SS431194 (1)	140 :Y	SS430994 (1)	11	19	17.1579
TOLUENE	5	5	SS430194 (12)	6	SS431494 (5)	1 J:Y	SS431594 (1)	3 J:Y	SS430994 (1)	2	19	2.5789
TOTAL XYLENES	5	5	SS430494 (12)	6	SS431494 (6)	2 J:A	SS430194 (1)	2 J:A	SS430194 (1)	1	19	2.6316
TRICHLOROETHENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
UNKNOWN TIC	0	**	**	**	**	6 J:Y	SS430994 (1)	20 J:Y	SS430994 (1)	3	3	13.3333
UNKNOWN TIC ; ALDOL CONDENSATION	0	**	**	**	**	8 J:Y	SS430994 (1)	8 J:Y	SS430994 (1)	1	1	8
UNKNOWN TIC ; ALKANE	0	**	**	**	**	6 J:Y	SS430994 (1)	6 J:Y	SS430994 (1)	1	1	6
UNKNOWN TIC ; C5H10	0	**	**	**	**	6 J:Y	SS430994 (1)	6 J:Y	SS430994 (1)	1	1	6
UNKNOWN TIC ; C9H12	0	**	**	**	**	21 J:Y	SS430994 (1)	21 J:Y	SS430994 (1)	1	1	21
VINYL ACETATE	10	10	SS430794 (1)	12	SS431494 (4)					0	19	0
VINYL CHLORIDE	10	10	SS430794 (1)	12	SS431494 (4)					0	19	0
cis-1,3-DICHLOROPROPENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0
n-HEXANE	0	**	**	**	**	7 J:Y	SS431294 (2)	24 J:Y	SS432194 (2)	4	4	15.5
trans-1,3-DICHLOROPROPENE	5	5	SS430194 (13)	6	SS431494 (6)					0	19	0

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semi-volatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: In the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

TABLE B-3
Surface Soil TIC Results*
OU14 - IHSS 131

Sample Location:	SS430194	SS430494	SS430594	SS430694	SS430794	SS430894	SS430994	SS430994	SS431094	SS431194
Sample Identification Number:	SSG2196JE	SSG2199JE	SSG2200JE	SSG2201JE	SSG2202JE	SSG2203JE	SSG2204JE	SSG2666JE	SSG2205JE	SSG2206JE
Date Sampled:	28-Oct-94	14-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94
Test Group:BNACLP Units: µg/kg										
1-Methylnaphthalene							67 J:Y			
4H-Cyclopenta(def)phenanthrene							400 J:Y	440 J:Y		
7H-Benz[de]anthracen-7-one										
9,10-Anthracenedione							160 J:Y	350 J:Y		
9-Anthracenecarbonitrile										
Benzo[b]naphtho[1,2-d]thioph										
Benzo[ghi]fluoranthene										
Carbazole							230 J:Y	180 J:Y		
Heptadecane										
Hexadecane										
Pentadecane										
TIC-Aldol Condensation			25000 BJ:Y	32000 BJ:Y	33000 BJ:Y	30000 BJ:Y	35000 BJ:Y			
TIC-Unknown		72 J:Y								
TIC-Unknown Adipate		200 J:Y	93 BJ:Y					160 BJ:Y	190 J:Y	150 J:Y
TIC-Unknown Alkane-1										
TIC-Unknown Alkane-10										
TIC-Unknown Alkane-11										
TIC-Unknown Alkane-2										
TIC-Unknown Alkane-3										
TIC-Unknown Alkane-4										
TIC-Unknown Alkane-5										
TIC-Unknown Alkane-6										
TIC-Unknown Alkane-7										
TIC-Unknown Alkane-8										
TIC-Unknown Alkane-9										
TIC-Unknown C14H12 PAH										
TIC-Unknown C14H802										97 J:Y
TIC-Unknown C15H10							400 J:Y			110 J:Y
TIC-Unknown C15H10 PAH										
TIC-Unknown C15H12										73 J:Y
TIC-Unknown C15H12 PAH								240 J:Y		
TIC-Unknown C15H12 PAH-1							180 J:Y			
TIC-Unknown C15H12 PAH-2							180 J:Y			
TIC-Unknown C15H12 PAH-3							140 J:Y			
TIC-Unknown C15H12-1							190 J:Y			
TIC-Unknown C15H12-2							120 J:Y			
TIC-Unknown C15H9N										
TIC-Unknown C16H10S										
TIC-Unknown C16H12							180 J:Y			
TIC-Unknown C16H12 PAH							180 J:Y			
TIC-Unknown C17H10 PAH										

TABLE B-3
Surface Soil TIC Results*
OU14 - IHSS 131

Sample Location:	SS431294	SS431394	SS431494	SS431594	SS432194	SS432294	SS432394	SS432494	SS432594	SS432694
Sample Identification Number:	SSG2207JE	SSG2208JE	SSG2209JE	SSG2210JE	SSG2216JE	SSG2217JE	SSG2218JE	SSG2219JE	SSG2220JE	SSG2221JE
Date Sampled:	11-Nov-94	2-Nov-94	2-Nov-94	11-Nov-94	11-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94	14-Nov-94	14-Nov-94
Test Group:BNACLP Units: µg/kg										
1-Methylnaphthalene				46 J:Y	1100 J:Y	120 J:Y				
4H-Cyclopenta(def)phenanthrene										
7H-Benz[de]anthracen-7-one	83 J:Y									
9,10-Anthracenedione		110 J:Y	110 J:Y		120 J:Y					
9-Anthracenecarbonitrile	110 J:Y									
Benzo[b]naphtho[1,2-d]thioph	81 J:Y									
Benzo[ghi]fluoranthene				120 J:Y						
Carbazole	150 J:Y			500 J:Y	4400 J:Y	630 J:Y				40 J:Y
Heptadecane				610 J:Y						
Hexadecane				570 J:Y						
Pentadecane				420 J:Y						
TIC-Aldol Condensation	6300 BJ:Y	5300 BJ:Y	4400 BJ:Y	8100 BJ:Y	5200 BJ:Y	8100 BJ:Y	6800 BJ:Y	6600 BJ:Y	22000 BJ:Y	19000 BJ:Y
TIC-Unknown										
TIC-Unknown Adipate		400 J:Y	110 J:Y				340 J:Y	390 J:Y		
TIC-Unknown Alkane-1		240 J:Y		300 J:Y				83 J:Y	200 J:Y	
TIC-Unknown Alkane-10				300 J:Y						
TIC-Unknown Alkane-11				210 J:Y						
TIC-Unknown Alkane-2		83 J:Y		340 J:Y				110 J:Y	630 J:Y	
TIC-Unknown Alkane-3				240 J:Y				310 J:Y	250 J:Y	
TIC-Unknown Alkane-4				450 J:Y				120 J:Y	350 J:Y	
TIC-Unknown Alkane-5				630 J:Y				110 J:Y	290 J:Y	
TIC-Unknown Alkane-6				390 J:Y				73 J:Y	290 J:Y	
TIC-Unknown Alkane-7				730 J:Y					210 J:Y	
TIC-Unknown Alkane-8				360 J:Y						
TIC-Unknown Alkane-9				240 J:Y						
TIC-Unknown C14H12 PAH					89 J:Y					
TIC-Unknown C14H802					1900 J:Y					
TIC-Unknown C15H10	310 J:Y			250 J:Y	4800 J:Y	530 J:Y				
TIC-Unknown C15H10 PAH			91 J:Y	350 J:Y		840 J:Y				110 J:Y
TIC-Unknown C15H12	130 J:Y									
TIC-Unknown C15H12 PAH	170 J:Y					370 J:Y				
TIC-Unknown C15H12 PAH-1					170 J:Y					
TIC-Unknown C15H12 PAH-2					160 J:Y					
TIC-Unknown C15H12 PAH-3					120 J:Y					
TIC-Unknown C15H12-1					2000 J:Y					
TIC-Unknown C15H12-2					2300 J:Y					
TIC-Unknown C15H9N					900 J:Y	1100 J:Y				
TIC-Unknown C16H10S					1100 J:Y					
TIC-Unknown C16H12					1200 J:Y					
TIC-Unknown C16H12 PAH										
TIC-Unknown C17H10 PAH				130 J:Y						

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TABLE B-3
Surface Soil TIC Results*
OU14 - IHSS 131

Sample Location:	SS430194	SS430494	SS430594	SS430694	SS430794	SS430894	SS430994	SS430994	SS431094	SS431194
Sample Identification Number:	SSG2196JE	SSG2199JE	SSG2200JE	SSG2201JE	SSG2202JE	SSG2203JE	SSG2204JE	SSG2666JE	SSG2205JE	SSG2206JE
Date Sampled:	28-Oct-94	14-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94
TIC-Unknown C17H10O-1										
TIC-Unknown C17H10O-2										
TIC-Unknown C17H12										
TIC-Unknown C17H12 PAH-1							75 J:Y	470 J:Y		
TIC-Unknown C17H12 PAH-2							77 J:Y	280 J:Y		
TIC-Unknown C17H12 PAH-3							200 J:Y	230 J:Y		
TIC-Unknown C17H12 PAH-4							170 J:Y			
TIC-Unknown C17H12 PAH-5							160 J:Y			
TIC-Unknown C17H12-1							290 J:Y			
TIC-Unknown C17H12-2							190 J:Y			
TIC-Unknown C17H12-3							110 J:Y			
TIC-Unknown C18H12										
TIC-Unknown C18H12 PAH-1							99 J:Y			
TIC-Unknown C18H12 PAH-2							97 J:Y			
TIC-Unknown C18H14										
TIC-Unknown C19H14							87 J:Y			
TIC-Unknown C20H12			170 J:Y				2000 J:Y			220 J:Y
TIC-Unknown C20H12 PAH							690 J:Y			
TIC-Unknown C20H12 PAH-1										
TIC-Unknown C20H12 PAH-2										
TIC-Unknown C20H12-1										
TIC-Unknown C20H12-2										
TIC-Unknown C22H14										
TIC-Unknown Phthalate										
TIC-Unknown-1		76 J:Y	86 J:Y	83 BJ:Y	80 J:Y	74 BJ:Y	200 J:Y	240 J:Y	74 J:Y	82 J:Y
TIC-Unknown-10		82 J:Y	420 J:Y				1300 J:Y	160 J:Y	350 J:Y	200 J:Y
TIC-Unknown-11		81 J:Y	140 J:Y					760 J:Y	380 J:Y	640 J:Y
TIC-Unknown-12		120 J:Y						820 J:Y	250 J:Y	130 J:Y
TIC-Unknown-13		140 J:Y						1000 J:Y	97 J:Y	
TIC-Unknown-14		90 J:Y						760 J:Y	290 J:Y	
TIC-Unknown-15		79 J:Y						910 J:Y	200 J:Y	
TIC-Unknown-16		190 J:Y							160 BJ:Y	
TIC-Unknown-17		100 J:Y							110 BJ:Y	
TIC-Unknown-18		140 J:Y							100 J:Y	
TIC-Unknown-19		160 J:Y							86 J:Y	
TIC-Unknown-2		73 J:Y	140 J:Y	83 J:Y	100 J:Y	86 J:Y	120 J:Y	230 J:Y	85 J:Y	260 J:Y
TIC-Unknown-20										
TIC-Unknown-21										
TIC-Unknown-3		160 J:Y	200 J:Y	74 J:Y	79 J:Y	130 J:Y	99 J:Y	290 J:Y	76 J:Y	150 J:Y
TIC-Unknown-4		120 J:Y	340 J:Y	88 J:Y	130 J:Y		140 J:Y	270 J:Y	280 J:Y	160 J:Y
TIC-Unknown-5		77 J:Y	180 J:Y	78 J:Y			630 J:Y	180 J:Y	100 J:Y	260 J:Y
TIC-Unknown-6		140 J:Y	180 J:Y	72 J:Y			680 J:Y	190 J:Y	150 J:Y	270 J:Y

TABLE B-3
Surface Soil TIC Results*
OU14 - IHSS 131

Sample Location:	SS431294	SS431394	SS431494	SS431594	SS432194	SS432294	SS432394	SS432494	SS432594	SS432694
Sample Identification Number:	SSG2207JE	SSG2208JE	SSG2209JE	SSG2210JE	SSG2216JE	SSG2217JE	SSG2218JE	SSG2219JE	SSG2220JE	SSG2221JE
Date Sampled:	11-Nov-94	2-Nov-94	2-Nov-94	11-Nov-94	11-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94	14-Nov-94	14-Nov-94
TIC-Unknown C17H10O-1					1300 J:Y					
TIC-Unknown C17H10O-2					1100 J:Y					
TIC-Unknown C17H12				160 J:Y						360 J:Y
TIC-Unknown C17H12 PAH-1	110 J:Y	140 J:Y	130 J:Y		1200 J:Y	380 J:Y				360 J:Y
TIC-Unknown C17H12 PAH-2	160 J:Y	140 J:Y	100 J:Y		2700 J:Y	720 J:Y				150 J:Y
TIC-Unknown C17H12 PAH-3	180 J:Y				2300 J:Y	370 J:Y				
TIC-Unknown C17H12 PAH-4										
TIC-Unknown C17H12 PAH-5										
TIC-Unknown C17H12-1	110 J:Y				1100 J:Y	570 J:Y				
TIC-Unknown C17H12-2	230 J:Y				2300 J:Y	1300 J:Y				
TIC-Unknown C17H12-3	170 J:Y				1800 J:Y	840 J:Y				
TIC-Unknown C18H12	130 J:Y			220 J:Y	780 J:Y	550 J:Y				
TIC-Unknown C18H12 PAH-1										
TIC-Unknown C18H12 PAH-2										
TIC-Unknown C18H14	81 J:Y									
TIC-Unknown C19H14										
TIC-Unknown C20H12				360 J:Y		530 J:Y				
TIC-Unknown C20H12 PAH				960 J:Y		1400 J:Y				
TIC-Unknown C20H12 PAH-1	150 J:Y									
TIC-Unknown C20H12 PAH-2	170 J:Y									
TIC-Unknown C20H12-1	170 J:Y									
TIC-Unknown C20H12-2	250 J:Y									
TIC-Unknown C22H14				240 J:Y						
TIC-Unknown Phthalate		170 BJ:Y								
TIC-Unknown-1	150 J:Y	80 J:Y	110 J:Y	130 J:Y	1100 J:Y	440 J:Y	190 J:Y	76 J:Y	770 J:Y	160 J:Y
TIC-Unknown-10	120 J:Y	460 J:Y	1200 J:Y	120 J:Y		1000 J:Y	300 J:Y	530 J:Y	320 J:Y	150 J:Y
TIC-Unknown-11	120 J:Y	230 J:Y	390 J:Y	150 J:Y		940 J:Y	230 J:Y	660 J:Y	260 J:Y	330 J:Y
TIC-Unknown-12	96 J:Y		150 J:Y	220 J:Y		900 J:Y	200 J:Y	280 J:Y	270 J:Y	440 J:Y
TIC-Unknown-13	110 J:Y			100 J:Y		900 J:Y	200 J:Y	420 J:Y	280 J:Y	210 J:Y
TIC-Unknown-14	240 J:Y			510 J:Y		2200 J:Y	380 J:Y	330 J:Y	240 J:Y	220 J:Y
TIC-Unknown-15	130 J:Y			780 J:Y		1400 J:Y	300 J:Y		160 J:Y	140 J:Y
TIC-Unknown-16							590 J:Y		170 J:Y	140 J:Y
TIC-Unknown-17							210 J:Y		310 J:Y	130 J:Y
TIC-Unknown-18							270 J:Y		230 J:Y	140 J:Y
TIC-Unknown-19							200 J:Y		370 J:Y	160 J:Y
TIC-Unknown-2	90 J:Y	94 J:Y	140 J:Y	200 J:Y	1500 J:Y	410 J:Y	100 J:Y	170 J:Y	370 J:Y	140 J:Y
TIC-Unknown-20							300 J:Y		220 J:Y	160 J:Y
TIC-Unknown-21									160 J:Y	
TIC-Unknown-3	110 J:Y	290 J:Y	190 J:Y	370 J:Y	1800 J:Y	220 J:Y	91 J:Y	110 J:Y	300 J:Y	160 J:Y
TIC-Unknown-4	110 J:Y	250 J:Y	150 J:Y	230 J:Y	2700 J:Y	660 J:Y	360 J:Y	410 J:Y	300 J:Y	120 J:Y
TIC-Unknown-5	150 J:Y	120 J:Y	150 J:Y	460 J:Y	2600 J:Y	2800 J:Y	390 J:Y	290 J:Y	140 J:Y	160 J:Y
TIC-Unknown-6	150 J:Y	230 J:Y	160 J:Y	350 J:Y	1700 J:Y	1200 J:Y	88 J:Y	120 J:Y	120 J:Y	230 J:Y

3

TABLE B-3
Surface Soil TIC Results*
OU14 - IHSS 131

Sample Location:	SS430194	SS430494	SS430594	SS430694	SS430794	SS430894	SS430994	SS430994	SS431094	SS431194
Sample Identification Number:	SSG2196JE	SSG2199JE	SSG2200JE	SSG2201JE	SSG2202JE	SSG2203JE	SSG2204JE	SSG2666JE	SSG2205JE	SSG2206JE
Date Sampled:	28-Oct-94	14-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94
TIC-Unknown-7		170 J:Y	130 J:Y	260 J:Y			710 J:Y	180 J:Y	380 J:Y	270 J:Y
TIC-Unknown-8		120 J:Y	240 J:Y	130 J:Y			1400 J:Y	180 J:Y	500 J:Y	160 J:Y
TIC-Unknown-9		89 J:Y	110 J:Y				1300 J:Y	310 J:Y	720 J:Y	170 BJ:Y
Test Group:VOACLP Units: µg/kg										
TIC-Unknown									5 J:Y	
TIC-Unknown Alkane-1	120 J:Z									
TIC-Unknown Alkane-2	170 J:Z									
TIC-Unknown Alkane-3	200 J:Z									
TIC-Unknown Alkane-4	47 J:Z									
TIC-Unknown Alkane-5	76 J:Z									
TIC-Unknown C10H14	69 J:Z									
TIC-Unknown-1	47 J:Z									
TIC-Unknown-2	80 J:Z									
TIC-Unknown-3	61 J:Z									
TIC-Unknown-4	51 J:Z									

TABLE B-3
Surface Soil TIC Results*
OU14 - IHSS 131

Sample Location:	SS431294	SS431394	SS431494	SS431594	SS432194	SS432294	SS432394	SS432494	SS432594	SS432694
Sample Identification Number:	SSG2207JE	SSG2208JE	SSG2209JE	SSG2210JE	SSG2216JE	SSG2217JE	SSG2218JE	SSG2219JE	SSG2220JE	SSG2221JE
Date Sampled:	11-Nov-94	2-Nov-94	2-Nov-94	11-Nov-94	11-Nov-94	11-Nov-94	2-Nov-94	2-Nov-94	14-Nov-94	14-Nov-94
TIC-Unknown-7	570 J:Y	290 J:Y	130 J:Y	320 J:Y		910 J:Y	110 J:Y	170 J:Y	160 J:Y	120 J:Y
TIC-Unknown-8	180 J:Y	280 J:Y	130 J:Y	260 J:Y		1700 J:Y	88 J:Y	140 J:Y	230 J:Y	180 J:Y
TIC-Unknown-9	320 J:Y	160 J:Y	200 J:Y	99 J:Y		2000 J:Y	190 J:Y	340 J:Y	250 J:Y	170 J:Y
Test Group:VOACLP Units: µg/kg										
TIC-Unknown										
TIC-Unknown Alkane-1										
TIC-Unknown Alkane-2										
TIC-Unknown Alkane-3										
TIC-Unknown Alkane-4										
TIC-Unknown Alkane-5										
TIC-Unknown C10H14										
TIC-Unknown-1										
TIC-Unknown-2										
TIC-Unknown-3										
TIC-Unknown-4										

Notes:

A = Validation Qualifier; acceptable with qualifications
B = Laboratory Qualifier: detected in blank
BNACLP = EPA -CLP Semivolatile Organic Compounds
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier: estimated value
METADD = Additional Metals
PESTCLP = Pesticides contract lab program
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TIC = tentatively identified compound
TRADS = Total radionuclides
V = Validation Qualifier: valid data
VOACLP = EPA - CLP Volatile Organics
Y = In the process of being validated
Z = Validation Qualifier: validation not requested or performed
? = Data has not been through the validation process
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

TABLE B-4
Surface Soil Results*
OU14 - IHSS 156.1

Sample Location:	SS432994	SS432994	SS433094	SS433194	SS433294	SS433394	SS433494	SS433494	SS433594	SS433694	SS433794	SS433894	SS433994
Sample Identification Number:	BFG0129JE	SSG2224JE	SSG2225JE	SSG2226JE	SSG2227JE	SSG2228JE	BFG0130JE	SSG2229JE	SSG2230JE	SSG2231JE	SSG2232JE	SSG2233JE	SSG2234JE
Date Sampled:	23-Sep-94	23-Sep-94	8-Nov-94	8-Nov-94	8-Nov-94	27-Sep-94	23-Sep-94	23-Sep-94	9-Nov-94	9-Nov-94	9-Nov-94	27-Sep-94	23-Sep-94
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	.009(.008) U:V	.004(.006) U:V	.039(.013) :Y	(.005) U:Y	.001(.01) U:Y	.002(.005) U:V	-.001(.003) U:V	.004(.006) U:V	.003(.005) U:Y	(.004) U:Y	-.003(.003) U:Y	.002(.005) U:V	.003(.004) U:V
GROSS ALPHA	19(4.5) :A	13(4.2) :A	15(3.4) :Y	16(3.4) :Y	19(3.8) :Y	21(4.6) :A	19(4.5) :A	15(4.2) :A	19(3.8) :Y	24(4) :Y	14(3.7) :Y	19(4.8) :A	13(3.5) :A
GROSS BETA	33(3.8) :A	28(3.4) :A	26(3.2) :Y	38(3.7) :Y	35(3.6) :Y	28(3.7) :A	33(3.6) :A	30(3.6) :A	34(3.5) :Y	35(3.7) :Y	31(3.5) :Y	36(3.7) :A	26(3.4) :A
PLUTONIUM-239/240	.001(.002) U:V	.002(.002) U:V	.16(.025) :Y	.001(.009) U:Y	-.004(.008) U:Y	(.002) U:V	(.004) U:V	.003(.003) U:V	-.001(.002) U:Y	(.002) U:Y	.002(.004) U:Y	.005(.005) U:V	.002(.002) U:V
URANIUM-233,-234	1(.17) :V	1.1(.16) :V	1(.26) :Y	.97(.19) :Y	1.2(.23) :Y	1(.27) :V	1.1(.24) :V	1(.097) :V	.73(.24) :Y	1(.26) :Y	.94(.24) :Y	.78(.2) :V	.88(.26) :V
URANIUM-235	.061(.054) J:V	.07(.043) J:V	.018(.035) U:Y	.11(.057) J:Y	.053(.042) U:Y	.016(.033) U:V	.09(.078) U:V	.049(.022) J:V	.057(.077) U:Y	.057(.057) U:Y	.053(.053) U:Y	.057(.057) U:V	(.037) U:V
URANIUM-238	1.2(.19) :V	1.1(.16) :V	.89(.25) :Y	.83(.17) :Y	1.3(.24) :Y	.84(.23) :V	.98(.23) :V	1(.094) :V	.76(.24) :Y	.94(.23) :Y	.68(.19) :Y	.94(.23) :V	.82(.23) :V

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TABLE B-4
Surface Soil Results*
OU14 - IHSS 156.1

Sample Location:	SS434094	SS434194	SS434194	SS434294	SS434294	SS434394	SS434694	SS434794	SS434894	SS434894	SS434994	SS435094	SS435194
Sample Identification Number:	SSG2235JE	BFG0136JE	SSG2236JE	BFG0135JE	SSG2237JE	SSG2238JE	SSG2241JE	SSG2242JE	SSG2243JE	SSG2598JE	SSG2244JE	SSG2245JE	SSG2246JE
Date Sampled:	23-Sep-94	26-Oct-94	26-Oct-94	20-Oct-94	20-Oct-94	27-Sep-94	26-Oct-94	22-Sep-94	27-Sep-94	27-Sep-94	26-Oct-94	10-Nov-94	3-Oct-94
Test Group: TRADS Units: pCi/g													
AMERICIUM-241	.001(.003) U:V	.009(.012) U:Y	.002(.009) U:Y	.007(.01) U:Y	.002(.005) U:Y	.002(.009) U:V	.002(.007) U:Y	.002(.008) U:V	-.001(.004) U:V	.006(.005) J:V	.003(.005) U:Y	.003(.004) U:Y	.009(.006) J:Y
GROSS ALPHA	22(4.5) :A	22(3.9) :Y	18(3.6) :Y	15(3.6) :Y	17(3.1) :Y	16(4.3) :A	16(4.1) :Y	17(4.3) :A	16(3.6) :A	22(4.4) :A	21(4) :Y	12(3) :Y	11(2.5) :Y
GROSS BETA	28(3.7) :A	33(3.6) :Y	27(3.3) :Y	33(3.6) :Y	30(2.8) :Y	39(4) :A	32(3.8) :Y	38(4) :A	39(3.8) :A	35(3.7) :A	26(3.3) :Y	29(3.5) :Y	24(3.4) :Y
PLUTONIUM-239/240	(.003) U:V	.002(.004) U:Y	.002(.004) U:Y	.001(.006) U:Y	.005(.005) U:Y	.006(.003) J:V	-.003(.006) U:Y	.004(.003) U:V	.006(.004) J:V	.003(.004) U:V	.005(.006) U:Y	.006(.005) U:Y	.014(.005) J:Y
URANIUM-233,-234	.99(.11) :V	1.3(.28) :Y	.8(.22) :Y	1.2(.29) :Y	.71(.19) :Y	.96(.26) :V	1.2(.3) :Y	1.1(.16) :V	.74(.2) :V	.74(.2) :V	.78(.15) :Y	1(.23) :Y	.72(.17) :Y
URANIUM-235	.072(.027) J:V	.027(.055) U:Y	.042(.056) U:Y	.078(.063) U:Y	.054(.054) U:Y	.11(.097) J:V	.13(.1) J:Y	.061(.041) J:V	.038(.051) U:V	.026(.052) U:V	.029(.029) U:Y	.089(.077) U:Y	.032(.042) U:Y
URANIUM-238	1(.11) :V	1.1(.25) :Y	1.1(.25) :Y	1.2(.28) :Y	.55(.16) :Y	1.1(.27) :V	1.3(.31) :Y	1.1(.15) :V	.75(.18) :V	.75(.19) :V	.99(.17) :Y	.93(.21) :Y	.61(.15) :Y

TABLE B-4
Surface Soil Results*
OU14 - IHSS 166.1

Sample Location:	SS435294	SS435394	SS435494	SS435594	SS435694	SS435794	SS435894	SS435994	SS436094	SS436194	SS436194	SS436284	SS436394
Sample Identification Number:	SSG2247JE	SSG2248JE	SSG2249JE	SSG2250JE	SSG2251JE	SSG2252JE	SSG2253JE	SSG2254JE	SSG2255JE	SSG2256JE	SSG2610JE	SSG2257JE	SSG2258JE
Date Sampled:	20-Oct-94	27-Sep-94	26-Oct-94	3-Nov-94	3-Oct-94	9-Nov-94	26-Sep-94	3-Nov-94	10-Nov-94	3-Oct-94	3-Oct-94	26-Sep-94	26-Sep-94
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	.005(.007) U:Y	.003(.004) U:V	.003(.006) U:Y	.001(.005) U:Y	.001(.004) U:Y	.003(.008) U:Y	-.002(.004) U:V	.001(.003) U:Y	-.001(.011) U:Y	.001(.007) U:Y	.001(.002) U:Y	-.002(.003) U:V	.002(.003) U:V
GROSS ALPHA	10(2.8) :Y	17(4.1) :A	18(3.6) :Y	7.4(2.3) :Y	7.8(2.7) :Y	21(4.2) :Y	14(4) :A	7.7(2.2) :Y	13(3.3) :Y	3.6(2) J:Y	12(3.1) :Y	17(3.7) :A	27(4.6) :A
GROSS BETA	32(3.4) :Y	38(3.7) :A	23(3.5) :Y	18(2.9) :Y	21(3.2) :Y	36(3.7) :Y	33(3.8) :A	20(3.3) :Y	24(3.2) :Y	22(3.4) :Y	28(3.4) :Y	30(3.7) :A	37(3.7) :A
PLUTONIUM-239/240	.005(.006) U:Y	.008(.005) J:V	.003(.004) U:Y	(.002) U:Y	.005(.003) J:Y	.001(.004) U:Y	.001(.002) U:V	.008(.006) U:Y	-.001(.002) U:Y	.003(.004) U:Y	.004(.003) U:Y	.016(.007) J:V	.007(.004) J:V
URANIUM-233,-234	.61(.17) :Y	.75(.22) :V	.65(.14) :Y	.41(.086) :Y	.67(.14) :Y	1.1(.13) :Y	1.3(.2) :V	.64(.24) :Y	.74(.19) :Y	.5(.13) :Y	.84(.18) :Y	.72(.19) :V	.8(.14) :V
URANIUM-235	.037(.049) U:Y	.014(.057) U:V	.043(.044) U:Y	-.005(.01) U:Y	.031(.031) U:Y	.05(.031) J:Y	.051(.044) U:V	-.02(.04) U:Y	.047(.048) U:Y	.082(.055) J:Y	.12(.062) J:Y	.084(.073) U:V	.047(.04) U:V
URANIUM-238	.44(.15) :Y	.68(.2) :V	.72(.14) :Y	.47(.095) :Y	.71(.15) :Y	1.2(.13) :Y	1.1(.19) :V	.67(.24) :Y	.8(.19) :Y	.54(.14) :Y	.74(.18) :Y	.8(.19) :V	1.1(.17) :V

TABLE B-4
Surface Soil Results*
OU14 - IHSS 156.1

Sample Location:	SS436494	SS436494	SS436694	SS436794	SS436894	SS436994	SS436994	SS437094	SS437194	SS437294	SS437394	SS437494	SS437594
Sample Identification Number:	SSG2259JE	SSG2655JE	SSG2261JE	SSG2262JE	SSG2263JE	SSG2264JE	SSG2611JE	SSG2265JE	SSG2266JE	SSG2267JE	SSG2268JE	SSG2269JE	SSG2270JE
Date Sampled:	3-Nov-94	3-Nov-94	3-Oct-94	8-Nov-94	26-Sep-94	3-Oct-94	3-Oct-94	3-Oct-94	26-Oct-94	27-Sep-94	26-Sep-94	29-Nov-94	29-Nov-94
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	.006(.009) U:Y	.004(.005) U:Y	.004(.006) U:Y	.004(.008) U:Y	.001(.004) U:V	.006(.007) U:Y	.007(.007) U:Y	.002(.006) U:Y	(.008) U:Y	.011(.007) J:V	.003(.004) U:V	.005(.007) U:Y	.002(.007) U:Y
GROSS ALPHA	8.4(2.3) :Y	8(2.5) :Y	18(3.8) :Y	15(3.4) :Y	15(4.3) :A	16(3.3) :Y	29(4.7) :Y	4.3(1.7) :Y	10(3) :Y	14(3.3) :A	16(3.8) :A	15(3.7) :Y	14(2.9) :Y
GROSS BETA	20(3.4) :Y	22(3.2) :Y	25(3.5) :Y	32(3.8) :Y	35(3.7) :A	27(3.4) :Y	26(3.4) :Y	10(2.7) :Y	22(3.3) :Y	26(3.5) :A	32(3.6) :A	32(4.3) :Y	25(3.3) :Y
PLUTONIUM-239/240	(.006) U:Y	(.002) U:Y	.006(.003) J:Y	(.002) U:Y	.002(.002) U:V	.026(.009) J:Y	.01(.005) J:Y	.014(.006) J:Y	.002(.004) U:Y	.031(.007) :V	(.002) U:V	.011(.009) J:Y	.016(.01) J:Y
URANIUM-233,-234	.62(.21) :Y	.45(.19) :Y	.79(.19) :Y	.55(.15) :Y	.84(.21) :V	.87(.18) :Y	.92(.24) :Y	.65(.17) :Y	.91(.18) :Y	.58(.15) :V	1.1(.26) :V	.77(.17) :Y	.82(.17) :Y
URANIUM-235	.051(.069) U:Y	(.037) U:Y	.075(.064) U:Y	.054(.043) U:Y	.065(.052) U:V	.037(.037) U:Y	.06(.06) U:Y	.042(.043) U:Y	.033(.033) U:Y	.054(.065) U:V	.072(.058) U:V	.019(.038) U:Y	.039(.047) U:Y
URANIUM-238	.54(.18) :Y	.67(.22) :Y	.74(.17) :Y	.47(.13) :Y	1.1(.24) :V	.86(.18) :Y	.73(.21) :Y	.63(.15) :Y	.93(.18) :Y	.76(.18) :V	1(.24) :V	.9(.18) :Y	.91(.17) :Y

TABLE B-4
Surface Soil Results*
OU14 - IHSS 156.1

Sample Location:	SS437694	SS437694	SS437794	SS437894	SS437994	SS438094	SS438194	SS438294	SS438294	SS438394	SS438494	SS438594	SS438694
Sample Identification Number:	SSG2271JE	SSG2661JE	SSG2272JE	SSG2273JE	SSG2274JE	SSG2275JE	SSG2276JE	SSG2277JE	SSG2604JE	SSG2278JE	SSG2279JE	SSG2280JE	SSG2281JE
Date Sampled:	10-Nov-94	10-Nov-94	10-Nov-94	26-Sep-94	3-Oct-94	3-Oct-94	29-Sep-94	29-Sep-94	29-Sep-94	3-Oct-94	3-Oct-94	18-Oct-94	4-Oct-94
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	.003(.004) U:Y	.008(.008) U:Y	.005(.006) U:Y	.003(.003) U:V	.02(.009) :Y	.006(.006) U:Y	.02(.007) :Y	.025(.013) :Y	.021(.011) :Y	.021(.009) :Y	.003(.013) U:Y	.01(.008) J:Y	.003(.003) U:Y
GROSS ALPHA	18(3.4) :Y	14(3.1) :Y	12(3.4) :Y	13(3.6) :A	16(3.4) :Y	11(2.6) :Y	11(3) :Y	24(4.3) :Y	13(3.1) :Y	14(3.3) :Y	20(3.8) :Y	14(1.4) :Y	10(2.6) :Y
GROSS BETA	29(3.4) :Y	30(3.7) :Y	32(3.6) :Y	35(3.6) :A	30(3.5) :Y	30(3.4) :Y	24(3.2) :Y	31(3.6) :Y	26(3.6) :Y	28(3.4) :Y	31(3.7) :Y	25(1.5) :Y	30(4.7) :Y
PLUTONIUM-239/240	.018(.009) J:Y	.011(.008) J:Y	.016(.014) U:Y	.004(.003) J:V	.1(.013) :Y	.033(.007) :Y	.069(.011) :Y	.06(.016) :Y	.086(.016) :Y	.04(.008) :Y	.004(.004) U:Y	.035(.012) :Y	.015(.005) J:Y
URANIUM-233,-234	.75(.19) :Y	.83(.22) :Y	.85(.2) :Y	.81(.18) :V	.67(.18) :Y	1.4(.29) :Y	.76(.17) :Y	.84(.19) :Y	.85(.13) :Y	.77(.2) :Y	.88(.22) :Y	.7(.22) :Y	.6(.086) :Y
URANIUM-235	.04(.053) U:Y	(.028) U:Y	.056(.045) U:Y	.051(.041) U:V	.051(.051) U:Y	.026(.052) U:Y	.028(.035) U:Y	.036(.047) U:Y	.063(.039) J:Y	.049(.049) U:Y	.027(.027) U:Y	.069(.07) U:Y	.033(.026) J:Y
URANIUM-238	.78(.19) :Y	.66(.2) :Y	.99(.2) :Y	.71(.16) :V	.71(.18) :Y	1.3(.27) :Y	.7(.15) :Y	.66(.17) :Y	.76(.12) :Y	.69(.17) :Y	.91(.22) :Y	.46(.18) :Y	.67(.092) :Y

TABLE B-4
Surface Soil Results*
OU14 - IHSS 156.1

Sample Location:	SS438794	SS438894	SS438994	SS439094	SS439194	SS439294	SS439394	SS439394	SS439494	SS439594	SS439694	SS439694
Sample Identification Number:	SSG2282JE	SSG2283JE	SSG2284JE	SSG2285JE	SSG2286JE	SSG2287JE	SSG2288JE	SSG2642JE	SSG2289JE	SSG2290JE	SSG2291JE	SSG2616JE
Date Sampled:	18-Oct-94	4-Oct-94	4-Oct-94	4-Oct-94	13-Oct-94	13-Oct-94	20-Oct-94	20-Oct-94	20-Oct-94	5-Oct-94	5-Oct-94	5-Oct-94
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	.003(.007) U:Y	.002(.003) U:Y	.002(.004) U:Y	.006(.009) U:Y	.007(.006) J:Y	.004(.005) U:Y	.007(.007) U:Y	.004(.007) U:Y	.007(.006) U:Y	.01(.009) J:Y	.019(.01) J:Y	.035(.012) :Y
GROSS ALPHA	9.1(1.1) :Y	14(3) :Y	14(3.2) :Y	13(3.1) :Y	12(3.3) :Y	10(2.8) :Y	28(4) :Y	26(4.1) :Y	19(4.1) :Y	19(3.7) :Y	14(3.4) :Y	15(3.1) :Y
GROSS BETA	20(1.4) :Y	26(3.4) :Y	27(3.3) :Y	25(3.3) :Y	27(3.7) :Y	19(3.2) :Y	32(3.5) :Y	30(3.7) :Y	32(3.7) :Y	26(3.4) :Y	25(3.3) :Y	25(3.3) :Y
PLUTONIUM-239/240	.011(.006) J:Y	.12(.017) :Y	.009(.004) J:Y	.015(.006) J:Y	.022(.008) J:Y	.008(.007) U:Y	.011(.005) J:Y	.023(.009) J:Y	.01(.008) J:Y	.04(.012) :Y	.12(.019) :Y	.14(.018) :Y
URANIUM-233,-234	.86(.15) :Y	.7(.087) :Y	.98(.21) :Y	.73(.17) :Y	.62(.2) :Y	.47(.2) :Y	.96(.22) :Y	1(.22) :Y	.78(.23) :Y	.81(.19) :Y	.66(.16) :Y	.62(.16) :Y
URANIUM-235	.025(.038) U:Y	.044(.022) J:Y	.063(.063) U:Y	.056(.056) U:Y	.029(.029) U:Y	.019(.038) U:Y	.014(.027) U:Y	.098(.074) J:Y	.029(.057) U:Y	.067(.058) U:Y	.027(.036) U:Y	.052(.062) U:Y
URANIUM-238	.61(.12) :Y	.78(.093) :Y	1(.21) :Y	.82(.17) :Y	.74(.2) :Y	.47(.17) :Y	1.2(.25) :Y	.96(.22) :Y	.71(.2) :Y	.65(.15) :Y	.82(.18) :Y	.85(.18) :Y

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

TABLE B-5
Surface Soil Data Summary
All Results***
OU14 - IHSS 156.1

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.01	**	**	**	**	-.003(.003) U:Y	SS433794 (1)	.039(.013) :Y	SS433094 (1)	81	81	0.0057
GROSS ALPHA	2	**	**	**	**	3.6(2) J:Y	SS436194 (1)	29(4.7) :Y	SS436994 (1)	81	81	15.6457
GROSS BETA	4	**	**	**	**	10(2.7) :Y	SS437094 (1)	39(4) :A	SS434394 (2)	81	81	29
PLUTONIUM-239/240	0.005	**	**	**	**	-.004(.008) U:Y	SS433294 (1)	.16(.025) :Y	SS433094 (1)	81	81	0.0176
URANIUM-233,-234	0.08	**	**	**	**	.41(.086) :Y	SS435594 (1)	1.4(.29) :Y	SS438094 (1)	81	81	0.8521
URANIUM-235	0.08	**	**	**	**	-.02(.04) U:Y	SS435994 (1)	.13(.1) J:Y	SS434694 (1)	81	81	0.0495
URANIUM-238	0.08	**	**	**	**	.44(.15) :Y	SS435294 (1)	1.3(.24) :Y	SS433294 (3)	81	81	0.8526

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

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No TIC Results Were Reported for IHSS 156.1

TABLE B-6
Surface Soil Results*
OU14 - IHSS 160

Sample Location:	SS439794	SS439894	SS439994	SS440094	SS440094	SS440194	SS440294	SS440294	SS440394	SS440494	SS440594	SS440694	SS440794	SS440894
Sample Identification Number:	SSG2292JE	SSG2293JE	SSG2294JE	SSG2295JE	SSG2565JE	SSG2296JE	SSG2297JE	SSG2562JE	SSG2298JE	SSG2299JE	SSG2300JE	SSG2301JE	SSG2302JE	SSG2303JE
Date Sampled:	31-Aug-94	31-Aug-94	31-Aug-94	31-Aug-94	31-Aug-94	29-Aug-94	29-Aug-94	29-Aug-94	29-Aug-94	29-Aug-94	7-Sep-94	2-Sep-94	2-Sep-94	2-Sep-94
Test Group:METADD Units: mg/kg														
CESIUM	< 5.9 :J	< 10.6 :J	< 12.2 :J	< 12.7 :J	< 10.2 :J	< 4.1 :J	< 4.2 :J	< 4.2 :J	< 4.2 :J	< 6 :J	< 7.9 :J	< 8.9 :J	< 7.9 :J	< 8 :J
LITHIUM	4.8 B:J	8 B:J	7.9 B:J	9.3 B:J	16.6 B:J	8.2 B:J	5.5 B:J	4.1 B:J	5.7 B:J	5.2 B:J	4.6 B:J	6.7 B:J	5 B:J	3.9 B:J
MOLYBDENUM	2.1 B:V	3.6 B:J	3.8 B:J	5 B:J	4.5 B:J	< 2.5 :J	< 1.5 :J	< 1.2 :J	< 2 :J	< 1.7 :J	< 1.1 :J	< 2.2 :J	< 1.2 :J	< 1.3 :J
STRONTIUM	64.3 :J	26 B:J	14.3 B:J	18.5 B:J	18.1 B:J	21.1 B:J	14.4 B:J	8.3 B:J	13.6 B:J	13.1 B:J	21.6 B:J	18.6 B:J	13.2 B:J	17.8 B:J
TIN	< 2.1 :J	< 2.2 :J	< 2.1 :J	< 2.2 :J	< 2.7 :J	< 2.1 :J	< 2.2 :J	< 2.2 :J	< 2.2 :J	< 2.1 :J	< 2.1 :J	< 2.3 :J	< 2.1 :J	< 2.1 :J
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	6810 :V	6910 :V	6650 :V	8240 :V	8610 :V	5100 :V	3970 :V	3140 :V	4260 :V	5930 :V	4150 :V	8350 :V	4320 :V	4180 :V
ANTIMONY	< 2.6 :J	< 2.8 :J	< 2.7 :J	< 2.8 :J	< 2.7 :J	< 2.7 :J	< 2.8 :J	< 2.7 :J	< 2.8 :J	< 2.6 :J	< 2.6 :J	< 2.9 :J	< 2.6 :J	< 2.6 :J
ARSENIC	1.4 B:V	3.4 :V	3.5 :V	3.2 :V	3 :V	3.3 :V	3 :V	1.9 B:V	3.3 :V	3.3 :V	3.1 :V	5.8 :V	2.6 :V	3.3 :V
BARIUM	160 :V	79.8 :V	74.4 :V	103 :V	97.3 :V	129 :V	49.8 :V	39.6 B:V	49.2 :V	59.6 :V	47.6 :V	78.5 :V	52.1 :V	37.4 B:V
BERYLLIUM	.25 B:V	.68 B:V	.64 B:V	.75 B:V	.85 B:V	.4 B:V	.37 B:V	.25 B:V	.37 B:V	.44 B:V	.23 B:V	.78 B:V	.28 B:V	.27 B:V
CADMIUM	< .16 :V	< .17 :V	< .16 :V	< .17 :V	< .16 :V	< .16 :V	< .17 :V	< .17 :V	< .17 :V	< .32 :J	< .16 :V	< .32 :J	< .16 :V	< .16 :V
CALCIUM	3450 :V	16900 :V	9610 :V	13400 :V	13500 :V	10800 :V	5740 :V	1490 :V	5870 :V	3410 :V	4170 I:J	4090 I:J	2840 I:J	4640 I:J
CHROMIUM	5.4 :V	7.8 :J	6.9 :J	8.3 :J	7.8 :J	22.3 :V	10.6 :V	13.1 :V	11.2 :V	13.9 :V	16.6 :V	17.6 :V	105 :V	6.7 :V
COBALT	6.5 B:V	11.7 :V	11.7 :V	13.8 :V	15.6 :V	6.3 B:V	4.3 B:V	3.5 B:V	4.7 B:V	4.3 B:V	3.9 B:V	5.9 B:V	5.1 B:V	3.5 B:V
COPPER	16.2 :V	25.6 :V	27.1 :V	26.9 :V	39.7 :V	18.1 :V	15.3 :V	10.7 :V	14.3 :V	11.6 :V	26 :J	22.3 :J	15.9 :J	19.7 :J
IRON	9970 :V	21300 :V	20800 :V	27600 :V	27700 :V	11100 :V	8630 :V	6870 :V	8850 :V	9270 :V	8940 :V	13100 :V	8470 :V	8070 :V
LEAD	11.7 :J	7.8 :J	10.9 :J	4.5 :J	5 :J	48.4 :V	11.8 :V	56.6 :V	12.5 :V	58.5 :V	124 :V	40.7 :V	426 :V	16.3 :V
MAGNESIUM	3240 :V	4530 :V	4940 :V	5850 :V	7830 :V	2050 :V	1510 :V	1610 :V	1540 :V	1900 :V	2740 :V	2110 :V	1850 :V	2350 :V
MANGANESE	246 :V	565 :V	535 :V	635 :V	655 :V	431 :J	168 :J	169 :J	176 :J	165 :J	215 :V	205 :V	162 :V	159 :V
MERCURY	< .05 :V	< .08 :V	< .05 :V	< .05 :V	< .05 :V	< .047 :V	.12 :V	< .051 :V	< .049 :V	< .05 :V	< .048 :V	.049 B:V	< .048 :V	< .046 :V
NICKEL	6.7 B:V	6.9 B:V	6 B:V	8.4 B:V	11.5 :V	10.7 :V	8.3 B:V	5.7 B:V	8.1 B:V	7.4 B:V	6 B:V	9.8 :V	5 B:V	6.4 B:V
POTASSIUM	2460 :V	2730 :V	2680 :V	3760 :V	3130 :V	1310 :V	1000 B:V	927 B:V	1040 B:V	1500 :V	1010 :V	1650 :V	1540 :V	971 B:V
SELENIUM	< .55 :V	< .6 :V	< .57 :V	< .59 :V	< .57 :V	< .57 :V	< .59 :V	< .59 :V	< .59 :V	< .56 :V	< .55 :V	< .62 :V	< .55 :V	< .56 :V
SILVER	1.4 B:J	2.7 :J	1.6 B:J	3.6 :J	2.8 :J	< .84 :V	< .87 :V	< .86 :V	< .87 :V	.97 B:J	< .81 :V	< 1.9 :J	< .91 :J	< 1.4 :J
SODIUM	1530 :V	208 B:J	225 B:J	174 B:J	166 :J	257 B:V	289 B:V	160 B:V	253 B:V	118 B:V	344 B:V	< 92.6 :J	< 78.8 :J	308 B:V
THALLIUM	< .44 :V	< .47 :V	< .45 :V	< .46 :V	< .45 :V	< .45 :V	< .47 :V	< .46 :V	< .47 :V	< .44 :V	< .43 :V	< .49 :V	< .43 :V	< .44 :V
VANADIUM	16.7 :V	34 :V	31.5 :V	45.6 :V	43.7 :V	21.1 :V	16.8 :V	12.2 :V	16.5 :V	18.2 :V	15.6 :V	29 :V	13.6 :V	16 :V
ZINC	40.5 :V	60.4 :V	59.8 :V	73.3 :V	78.6 :V	46.5 :J	42.3 :J	60.9 :J	44.3 :J	76.1 :J	125 :V	91.6 :V	45.6 :V	40.7 :V
Test Group:TRADS Units: pCi/g														
GROSS ALPHA	29(4.1) :A	15(4.5) :A	17(3.4) :A	9.3(3.4) :A	15(3.8) :A	6.9(2.5) :A	6.3(2.8) :A	8.2(2.8) :A	8.5(2.8) :A	18(3.8) :A	8.3(2.6) :A	16(3.8) :A	18(3.8) :A	9(3.7) :A
GROSS BETA	35(2.8) :A	27(3.7) :A	26(2.6) :A	27(2.5) :A	29(2.6) :A	25(3.3) :A	28(3.4) :A	35(3.6) :A	25(3.6) :A	39(3.7) :A	28(3.4) :A	27(2.7) :A	33(3) :A	24(3.6) :A
PLUTONIUM-239/240	.064(.014) :V	.045(.012) :V	.03(.011) :V	.023(.007) J:V	.019(.006) J:V	.01(.005) J:V	.025(.011) J:V	.052(.01) :V	.03(.009) :V	1.9(.069) :V	.38(.041) :V	.062(.011) :V	.043(.01) :V	.049(.011) :V
URANIUM, TOTAL	2.2 :Y	2 :Y	1.5 :Y	1.6 :Y	2 :Y	.98 :Y	1.4 :Y	1.2 :Y	1.1 :Y	1.7 :Y	1.2 :Y	4.6 :Y	2.6 :Y	1.4 :Y
Test Group:WQPL Units: pH														
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.4 :V	8.3 :V	9 :V

TABLE B-6
Surface Soil Results*
OU14 - IHSS 160

Sample Location:	SS440894	SS440994	SS441094	SS441194	SS441194	SS441294	SS441394	SS441494	SS441594	SS441694	SS441794	SS441894	SS441994	SS442094
Sample Identification Number:	SSG2568JE	SSG2304JE	SSG2305JE	BFG0121JE	SSG2306JE	SSG2307JE	SSG2308JE	SSG2309JE	SSG2310JE	SSG2311JE	SSG2312JE	SSG2313JE	SSG2314JE	SSG2315JE
Date Sampled:	2-Sep-94	1-Sep-94	1-Sep-94	31-Aug-94	31-Aug-94	31-Aug-94	29-Aug-94	7-Sep-94	6-Sep-94	2-Sep-94	2-Sep-94	12-Sep-94	12-Sep-94	12-Sep-94
Test Group:METADD Units: mg/kg														
CESIUM	< 8 :J	< 6.1 :J	< 6.3 :J	< 6.3 :J	< 6.4 :J	< 8.4 :J	< 8.1 :J	< 7.6 :J	< 8 :J	< 8.5 :J	< 8.4 :J	< 8.2 :J	< 6.3 :J	< 8 :J
LITHIUM	3.8 B:J	4.5 B:J	4.8 B:J	4.2 B:J	5.2 B:J	5 B:J	5.3 B:J	3.9 B:J	10.5 B:J	5.8 B:J	5.8 B:J	6.3 B:J	6.9 B:J	7.4 B:J
MOLYBDENUM	< 1.2 :J	< .94 :J	< .8 :J	1.4 B:V	2.2 B:V	1.8 B:V	< 2.7 :J	< 1.2 :J	< 1.9 :J	< 1.6 :J	< 1.5 :J	1.1 B:V	1.2 B:V	1.4 B:V
STRONTIUM	17.8 B:J	11.6 B:J	10.5 B:J	10 B:J	14.9 B:J	10.6 B:J	12.5 B:J	14.6 B:J	23.4 B:J	18.2 B:J	15.5 B:J	13.1 B:J	13.4 B:J	14.6 B:J
TIN	< 2.1 :J	< 2.1 :J	< 2.2 :J	< 2.2 :J	< 2.2 :J	< 2.2 :J	< 2.1 :J	< 2 :J	< 2.1 :J	< 2.2 :J	< 2.2 :J	< 2.2 :J	< 2.2 :J	< 2.1 :J
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	3930 :V	3940 :V	4620 :V	4100 :V	6140 :V	4650 :V	5840 :V	3710 :V	13100 :V	5180 :V	6370 :V	6020 :V	7000 :V	7930 :V
ANTIMONY	< 2.6 :J	< 2.7 :J	< 2.7 :J	< 2.8 :J	< 2.8 :J	< 2.8 :J	< 2.7 :J	< 2.5 :J	< 2.6 :J	< 2.8 :J	< 2.7 :J	< 2.7 :J	< 2.7 :J	< 2.6 :J
ARSENIC	3 :V	2.3 :V	2.6 :V	2.8 :V	6 :V	2.8 :V	3.3 :V	2.5 :V	8 :V	2.8 :V	3.7 :V	2.5 :V	3.2 :V	3.6 :V
BARIUM	38.2 B:V	51.6 :V	56.3 :V	67.8 :V	82.5 :V	53 :V	58.5 :V	32.5 B:V	99.5 :V	58.9 :V	64.6 :V	63.1 :V	59.9 :V	67.6 :V
BERYLLIUM	.2 B:V	.28 B:V	.32 B:V	.31 B:V	.4 B:V	.29 B:V	.43 B:V	.15 B:V	1.6 :V	.3 B:V	.42 B:V	< .33 :J	.42 B:V	.43 B:V
CADMIUM	< .16 :V	< .16 :V	< .17 :V	< .17 :V	.42 B:V	< .17 :V	< .28 :J	< .15 :V	1.8 :V	< .17 :V	< .21 :J	< .16 :V	< .17 :V	< .16 :V
CALCIUM	4610 I:J	1140 I:J	1250 I:J	2050 :V	3000 :V	1300 :V	3110 :V	2610 I:J	4570 I:J	3450 I:J	3030 I:J	1250 :V	1460 :V	2990 :V
CHROMIUM	10.3 :V	5.4 :V	4.9 :V	6.4 :V	14.1 :V	8.8 :V	11.2 :V	9.9 :V	59.7 :V	10.3 :V	9.8 :V	7.9 :V	9.9 :V	9.9 :V
COBALT	3.5 B:V	10.5 :V	4.6 B:V	3.8 B:V	4.5 B:V	4.4 B:V	5.1 B:V	3.2 B:V	6.9 B:V	4.8 B:V	4.9 B:V	7.5 B:V	6.7 B:V	5.8 B:V
COPPER	14.8 :J	18.5 :J	< 9.5 :J	7.6 :V	14.8 :V	9.7 :V	14.8 :V	14.3 :J	42.5 :J	21.6 :J	17.6 :J	13.6 :V	11.9 :V	12.9 :V
IRON	7540 :V	7760 :V	7430 :V	6790 :V	9270 :V	8070 :V	11300 :V	7470 :V	16400 :V	10300 :V	11100 :V	8760 :V	10100 :V	11300 :V
LEAD	10.9 :V	5.6 :V	5.2 :V	8.6 :J	42.2 :J	18.1 :J	45.9 :V	43 :V	33 :V	31.9 :V	17 :V	5.9 :V	10.4 :V	12.1 :V
MAGNESIUM	2320 :V	1080 :V	1190 :V	1090 :V	1420 :V	1240 :V	2080 :V	2090 :V	2720 :V	1990 :V	2440 :V	1420 :V	1570 :V	1800 :V
MANGANESE	158 :V	145 :V	172 :V	151 :V	222 :V	165 :V	212 :J	151 :V	234 :V	193 :V	212 :V	135 :J	191 :J	193 :J
MERCURY	< .053 :V	< .052 :V	< .051 :V	< .05 :V	< .06 :V	< .05 :V	< .055 :V	< .048 :V	.067 B:V	.27 :V	< .055 :V	< .052 :V	< .052 :V	< .052 :V
NICKEL	6 B:V	6.2 B:V	5 B:V	5.3 B:V	7.2 B:V	5.6 B:V	8 B:V	5.6 B:V	13.2 :V	6.1 B:V	7.5 B:V	5.4 B:V	6.8 B:V	6.7 B:V
POTASSIUM	958 B:V	784 B:V	898 B:V	887 B:V	1390 :V	995 B:V	1660 :V	831 B:V	1820 :V	1930 :V	1610 :V	1040 :V	1350 :V	1640 :V
SELENIUM	< .56 :V	< .57 :V	< .59 :V	< .59 :V	< .59 :V	< .59 :V	< .57 :V	< .53 :V	< .56 :V	< .6 :V	< .59 :V	< .58 :V	< .59 :V	< .56 :V
SILVER	< 1.2 :J	7.5 :V	< 6.1 :J	1 :J	1.6 B:J	< .86 :V	< .83 :V	< .78 :V	< 3 :J	< 1.3 :J	< 3 :J	3 :V	.86 B:V	.83 B:V
SODIUM	247 B:V	< 74 :J	< 46.8 :J	56 B:V	78.4 B:V	56.8 B:V	160 B:V	331 B:V	< 70.4 :J	< 123 :J	163 B:V	< 67 :J	89.1 B:V	118 B:V
THALLIUM	< .44 :V	< .45 :V	< .46 :V	< .46 :V	< .47 :V	< .46 :V	< .45 :V	< .42 :V	< .44 :V	< .47 :V	< .46 :V	< .45 :V	< .46 :V	< .44 :V
VANADIUM	14.1 :V	11.9 :V	11.8 :V	10.9 :V	19.1 :V	12.3 :V	22.8 :V	12.6 :V	37.1 :V	16.8 :V	20.8 :V	14.5 :V	17.5 :V	19.9 :V
ZINC	40.2 :V	24 :V	19.3 :V	21.8 :V	46.6 :V	27.6 :V	106 :J	57.3 :V	109 :V	55.7 :V	96.5 :V	22.3 :V	27.6 :V	37.8 :V
Test Group:TRADS Units: pCi/g														
GROSS ALPHA	8.9(3.8) :A	13(3.1) :A	14(3.1) :A	18(3.3) :A	23(4.1) :A	130(11) :A	16(3) :A	13(3.7) :A	13(3.3) :A	25(5.4) :A	14(3.8) :A	19(3.7) :Y	19(3.7) :Y	14(3.1) :Y
GROSS BETA	26(3.7) :A	35(3.8) :A	30(3.5) :A	28(2.5) :A	19(2.2) :A	21(3.5) :A	30(2.5) :A	30(3.5) :A	55(4.4) :A	36(3.8) :A	26(2.5) :A	32(3.5) :Y	34(3.8) :Y	30(3.7) :Y
PLUTONIUM-239/240	.048(.009) :V	.071(.012) B:V	.037(.011) B:V	7.6(.28) :V	24(.7) :V	150(5.3) :V	10(.25) :V	2(.067) :V	.046(.01) :V	.083(.016) :V	.27(.027) :V	.008(.004) BJ:Y	.097(.015) B:Y	1(.05) B:Y
URANIUM, TOTAL	1.7 :Y	2.6 :Y	2.8 :Y	2.4 :Y	2.3 :Y	2.4 :Y	1.3 :Y	1.2 :Y	8.7 :Y	5 :Y	2 :Y	2.9 :Y	3.4 :Y	2.7 :Y
Test Group:WQPL Units: pH														
pH	9 :V	NA	NA	NA	NA	NA	NA	NA	7.4 :V	8 :V	8.4 :V	NA	NA	NA

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TABLE B-6
Surface Soil Results*
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Sample Location:	SS442194	SS442294	SS442394	SS442494	SS442594	SS442694	SS442794	SS442894	SS442894	SS442994	SS443094	SS443194	SS443194	SS443294
Sample Identification Number:	SSG2316JE	SSG2317JE	SSG2318JE	SSG2319JE	SSG2320JE	SSG2321JE	SSG2322JE	BFG0124JE	SSG2323JE	SSG2324JE	SSG2325JE	SSG2326JE	SSG2573JE	SSG2327JE
Date Sampled:	30-Aug-94	8-Sep-94	7-Sep-94	6-Sep-94	6-Sep-94	6-Sep-94	12-Sep-94	12-Sep-94	12-Sep-94	30-Aug-94	30-Aug-94	8-Sep-94	8-Sep-94	7-Sep-94
Test Group:METADD Units: mg/kg														
CESIUM	< 6.3 :J	< 9.8 :J	< 5.7 :J	< 5.8 :J	< 7.7 :J	< 6 :J	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	5.9 B:J	7.4 B:J	4.6 B:J	14.6 B:J	10.2 B:J	6.6 B:J	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	2.3 B:V	2 B:V	< 1.4 :J	< 2.2 :J	< 1.5 :J	< .98 :J	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	14.1 B:J	14.4 B:J	11.5 B:J	23 B:J	19.1 B:J	13.3 B:J	NA	NA	NA	NA	NA	NA	NA	NA
TIN	< 2.2 :J	< 2.1 :J	< 2 :J	< 2 :J	< 2 :J	< 2.1 :J	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	6320 :V	7900 :V	4270 :V	12500 :V	10400 :V	7140 :V	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	< 2.8 :J	< 2.6 :J	< 2.5 :J	< 2.5 :J	< 2.5 :J	< 2.6 :J	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	4.9 :V	3.7 :V	2.2 :V	8.6 :V	4.3 :J	4.6 :V	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	67.6 :V	58.1 :V	37.6 B:V	88.4 :V	97.1 :V	74 :V	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	.42 B:V	.56 B:V	.34 B:V	1.6 :V	1.3 :V	.46 B:V	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	.22 B:V	.18 B:V	< .15 :V	2 :V	< .23 :J	< .31 :J	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	3720 :V	4580 :V	2140 I:J	4570 I:J	4280 I:J	2370 I:J	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	9.6 :V	10.9 :V	10.4 :V	78.2 :V	14.7 :V	10.2 :V	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	6 B:V	6.6 B:V	3.8 B:V	6.8 B:V	7.7 B:V	4.7 B:V	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	16 :V	15.7 :V	16.2 :J	50.2 :J	29.7 :J	19.4 :J	NA	NA	NA	NA	NA	NA	NA	NA
IRON	10700 :V	15200 :V	7990 :V	16200 :V	19700 :V	12000 :V	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	90.2 :J	28.9 :V	49.7 :V	24.7 :V	30.8 :V	35 :V	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	1780 :V	2610 :V	1700 :V	2080 :V	4040 :V	2180 :V	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	239 :V	248 :J	142 :V	174 :V	415 :V	260 :V	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	< .05 :V	< .052 :V	< .044 :V	.068 B:V	< .049 :V	< .047 :V	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	11.3 :V	7.9 B:V	5.6 B:V	13 :V	8.4 :V	6.7 B:V	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	1750 :V	2040 :V	1060 :V	1820 :V	2990 :V	1690 :V	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	< .59 :V	< .55 :V	< .53 :V	< .54 :V	< .54 :V	< .56 :V	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	1.9 B:J	.95 B:V	< .77 :V	< 3.1 :J	< 4.4 :J	< 1.4 :J	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	76.2 B:V	101 B:V	159 B:V	< 55 :J	< 110 :J	< 63.4 :J	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	< .48 :V	< .43 :V	< .42 :V	< .43 :V	< .42 :V	< .44 :V	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	19.2 :V	30.2 :V	15.3 :V	40.5 :V	35.4 :V	21.5 :V	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	59.9 :V	136 :V	64.5 :V	84.7 :V	136 :V	314 :V	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g														
GROSS ALPHA	35(4.5) :A	19(2.5) :Y	20(4.9) :A	19(3.9) :A	12(3.3) :A	9.8(3) :A	12(3.2) :Y	23(4.3) :Y	12(3.4) :Y	11(2.9) :A	13(3.1) :A	17(3.6) :Y	22(3.9) :Y	17(3.6) :A
GROSS BETA	27(3.5) :A	31(2.5) :Y	30(3.6) :A	34(3.6) :A	29(3.5) :A	34(3.8) :A	27(3.5) :Y	32(3.6) :Y	26(3.3) :Y	28(3.4) :A	30(3.4) :A	32(3.6) :Y	34(3.6) :Y	31(3.7) :A
PLUTONIUM-239/240	38(1) :V	6.5(.17) B:Y	9(.21) :V	.028(.008) J:V	.11(.018) :V	.073(.012) :V	.064(.012) B:Y	.31(.029) B:Y	.2(.02) B:Y	.45(.042) :V	5.9(.2) :V	9(.66) :Y	10(.29) :Y	4(.12) :V
URANIUM, TOTAL	2.9 :Y	3.6 :Y	1.3 :Y	15 :Y	3.5 :Y	2.6 :Y	2.8 :Y	3.4 :Y	3 :Y	2.7 :Y	2.3 :Y	2.4 :Y	1.9 :Y	1.3 :Y
Test Group:WQPL Units: pH														
pH	NA	NA	NA	7.5 :V	8.2 :V	7.8 :V	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-6
Surface Soil Results*
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Sample Location:	SS443394	SS443394	SS443494	SS443594	SS443694	SS443794	SS443894	SS443894	SS443994	SS444094	SS444094	SS444194	SS444294	SS444294
Sample Identification Number:	SSG2328JE	SSG2584JE	SSG2329JE	SSG2330JE	SSG2331JE	SSG2332JE	BFG0122JE	SSG2333JE	SSG2334JE	SSG2335JE	SSG2575JE	SSG2336JE	SSG2337JE	SSG2585JE
Date Sampled:	16-Sep-94	16-Sep-94	6-Sep-94	6-Sep-94	12-Sep-94	1-Sep-94	1-Sep-94	1-Sep-94	1-Sep-94	8-Sep-94	8-Sep-94	7-Sep-94	16-Sep-94	16-Sep-94
Test Group:METADD Units: mg/kg														
CESIUM	< 3.9 :J	< 3.9 :J	< 7.8 :J	< 8 :J	NA	NA	NA	NA	NA	NA	NA	NA	< 3.9 :J	< 3.8 :J
LITHIUM	3.9 B:J	3.7 B:J	11.2 B:J	7.4 B:J	NA	NA	NA	NA	NA	NA	NA	NA	4.2 B:J	4.4 B:J
MOLYBDENUM	< 1.6 :J	< 1.4 :J	< 1.5 :J	< 1.2 :J	NA	NA	NA	NA	NA	NA	NA	NA	< 2 :J	< 2.1 :J
STRONTIUM	12.3 B:J	12.4 B:J	14.6 B:J	12.8 B:J	NA	NA	NA	NA	NA	NA	NA	NA	12.2 B:J	12.7 B:J
TIN	< 2 :J	< 2 :J	< 2.1 :J	< 2.1 :J	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1 :J	< 2 :J
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	3550 :V	3310 :V	10500 :V	8020 :V	NA	NA	NA	NA	NA	NA	NA	NA	4340 :V	4740 :V
ANTIMONY	3.4 B:J	< 2.6 :J	2.7 B:J	< 2.6 :J	NA	NA	NA	NA	NA	NA	NA	NA	2.6 B:J	< 2.5 :J
ARSENIC	2.2 :J	2.4 :J	2.4 :J	4.4 :V	NA	NA	NA	NA	NA	NA	NA	NA	3 :J	3.2 :V
BARIUM	40.3 :V	40.3 :V	92.9 :V	83.8 :V	NA	NA	NA	NA	NA	NA	NA	NA	47.6 :V	49.4 :V
BERYLLIUM	.26 B:V	.23 B:V	.36 B:V	.43 B:V	NA	NA	NA	NA	NA	NA	NA	NA	.33 B:V	.31 B:V
CADMIUM	< .15 :V	< .29 :J	< .16 :V	< .18 :J	NA	NA	NA	NA	NA	NA	NA	NA	< .18 :J	< .34 :J
CALCIUM	2920 :V	2650 :V	3770 :J	2600 :J	NA	NA	NA	NA	NA	NA	NA	NA	2850 :V	2300 :V
CHROMIUM	5.4 :V	5 :V	7.2 :J	8.4 :V	NA	NA	NA	NA	NA	NA	NA	NA	7.5 :V	7.9 :V
COBALT	3 B:V	2.7 B:V	8 B:V	6.1 B:V	NA	NA	NA	NA	NA	NA	NA	NA	3.1 B:V	3.7 B:V
COPPER	12.1 :V	11.4 :V	33.1 :J	19.7 :J	NA	NA	NA	NA	NA	NA	NA	NA	13.8 :V	17.4 :V
IRON	7380 :V	7130 :V	23700 :V	15400 :V	NA	NA	NA	NA	NA	NA	NA	NA	8030 :V	8530 :V
LEAD	11.4 :V	11.6 :V	13.8 :V	23.6 :V	NA	NA	NA	NA	NA	NA	NA	NA	13.3 :V	13.5 :V
MAGNESIUM	1620 :V	1580 :V	5720 :V	2970 :V	NA	NA	NA	NA	NA	NA	NA	NA	1590 :V	1640 :V
MANGANESE	157 :V	157 :V	521 :V	352 :V	NA	NA	NA	NA	NA	NA	NA	NA	180 :V	182 :V
MERCURY	< .049 :V	< .049 :V	< .05 :V	< .051 :V	NA	NA	NA	NA	NA	NA	NA	NA	< .049 :V	< .049 :V
NICKEL	3 B:V	3.1 B:V	5.5 B:V	5.9 B:V	NA	NA	NA	NA	NA	NA	NA	NA	4.5 B:V	4.9 B:V
POTASSIUM	1130 :V	1070 :V	3320 :V	2350 :V	NA	NA	NA	NA	NA	NA	NA	NA	1100 :V	1130 :V
SELENIUM	< .54 :V	< .55 :V	< .55 :V	< .56 :V	NA	NA	NA	NA	NA	NA	NA	NA	< .55 :V	< .53 :V
SILVER	< .79 :V	< .8 :V	< 1.1 :J	< 1.2 :J	NA	NA	NA	NA	NA	NA	NA	NA	.82 B:J	.78 B:J
SODIUM	116 B:V	121 B:V	< 124 :J	< 58.4 :J	NA	NA	NA	NA	NA	NA	NA	NA	94.9 B:V	78 B:V
THALLIUM	< .42 :V	< .43 :V	< .43 :V	< .44 :V	NA	NA	NA	NA	NA	NA	NA	NA	< .43 :V	< .42 :V
VANADIUM	11.9 :V	11 :V	32.1 :V	25.1 :V	NA	NA	NA	NA	NA	NA	NA	NA	14.6 :V	15.9 :V
ZINC	35.6 :V	39 :V	90.3 :V	131 :V	NA	NA	NA	NA	NA	NA	NA	NA	41.3 :V	41.1 :V
Test Group:TRADS Units: pCi/g														
GROSS ALPHA	8.9(2.4) :A	8(2.4) :A	9.5(3.1) :A	18(4.1) :A	12(3.1) :Y	13(3.1) :A	15(3.4) :A	21(3.9) :A	15(3.5) :A	16(3.5) :Y	12(2.9) :Y	12(3.3) :A	9.3(2.8) :A	17(3.4) :A
GROSS BETA	28(3.5) :A	28(3.6) :A	22(3.5) :A	40(3.8) :A	29(3.4) :Y	25(3.3) :A	36(3.6) :A	35(3.7) :A	28(3.5) :A	29(3.6) :Y	35(3.9) :Y	34(3.6) :A	30(3.4) :A	31(3.4) :A
PLUTONIUM-239/240	.028(.007) J:V	.032(.007) :V	.032(.009) :V	.063(.011) :V	.043(.009) B:Y	.019(.009) BJ:V	.094(.021) :V	.13(.024) :V	3(.11) B:V	4.2(.14) B:Y	12(.35) B:Y	3.6(.11) :V	.039(.008) :V	.028(.007) J:V
URANIUM, TOTAL	1.9 :Y	1.7 :Y	1.4 :Y	23 :Y	2.8 :Y	2.6 :Y	2.6 :Y	2.7 :Y	2.7 :Y	2 :Y	1.8 :Y	1.1 :Y	2.2 :Y	2.5 :Y
Test Group:WQPL Units: pH														
pH	NA	NA	8.6 :V	7.6 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-6
Surface Soil Results*
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Sample Location:	SS444394	SS444494	SS444594	SS444594	SS444694	SS444694	SS444794	SS444794	SS444894	SS444894	SS444994	SS444994	SS445094	SS445194
Sample Identification Number:	SSG2338JE	SSG2339JE	SSG2340JE	SSG2580JE	BFG0125JE	SSG2341JE	BFG0126JE	SSG2342JE	BFG0127JE	SSG2343JE	SSG2344JE	SSG2576JE	SSG2345JE	SSG2346JE
Date Sampled:	6-Sep-94	6-Sep-94	13-Sep-94	13-Sep-94	13-Sep-94	13-Sep-94	13-Sep-94	13-Sep-94	13-Sep-94	13-Sep-94	8-Sep-94	8-Sep-94	7-Sep-94	16-Sep-94
Test Group:METADD Units: mg/kg														
CESIUM	< 9.7 :J	< 7.8 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4 :J
LITHIUM	7.9 B:J	11.2 B:J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.8 B:J
MOLYBDENUM	< 1.6 :J	< 1.5 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1 :J
STRONTIUM	11.1 B:J	14.9 B:J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11 B:J
TIN	< 2 :J	< 2.1 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1 :J
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	7680 :V	11700 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4470 :V
ANTIMONY	< 2.6 :J	< 2.6 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.6 :J
ARSENIC	2.6 :V	4.7 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.3 :J
BARIUM	78.2 :V	114 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.9 B:V
BERYLLIUM	.35 B:V	.57 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.35 B:V
CADMIUM	< .16 :V	< .16 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .24 :J
CALCIUM	2510 I:J	3490 I:J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1890 :V
CHROMIUM	9.1 :V	10.2 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5 :V
COBALT	6.1 B:V	9.2 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3 B:V
COPPER	23.6 :J	28 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.5 :V
IRON	17500 :V	23600 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7570 :V
LEAD	14.5 :V	24.1 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.3 :V
MAGNESIUM	3770 :V	4590 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1480 :V
MANGANESE	356 :V	492 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	143 :V
MERCURY	< .046 :V	< .049 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .048 :V
NICKEL	5 B:V	7.5 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6 B:V
POTASSIUM	2670 :V	3690 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	957 B:V
SELENIUM	< .55 :V	< .55 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .55 :V
SILVER	< 1.5 :J	< 1.6 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .81 :V
SODIUM	< 74.1 :J	< 82.5 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.1 B:V
THALLIUM	< .43 :V	< .43 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .43 :V
VANADIUM	24.6 :V	32.1 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.9 :V
ZINC	76 :V	165 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.7 :V
Test Group:TRADS Units: pCi/g														
GROSS ALPHA	6.6(2.7) :A	12(3.3) :A	13(2.2) :A	19(4.2) :A	14(3.5) :A	16(3.3) :A	16(3.4) :A	24(3.9) :A	13(3.2) :A	17(3.3) :A	16(3.6) :Y	15(3.4) :Y	12(3.1) :A	7(2.1) :A
GROSS BETA	28(3.4) :A	29(3.7) :A	35(2.6) :A	30(3.6) :A	28(3.5) :A	22(3.4) :A	32(3.5) :A	30(3.7) :A	26(3.5) :A	23(3.3) :A	33(3.5) :Y	34(3.6) :Y	33(3.6) :A	24(3.4) :A
PLUTONIUM-239/240	.078(.013) :V	.053(.011) :V	.006(.004) J:V	.002(.003) U:V	.035(.008) :V	.096(.014) :V	.31(.028) :V	.52(.033) :V	.97(.048) :V	3.6(.12) :V	2.8(.1) B:Y	2.1(.083) B:Y	2.7(.11) :V	.03(.006) :V
URANIUM, TOTAL	1.4 :Y	1.8 :Y	2.5 :Y	2.4 :Y	2.7 :Y	2.6 :Y	2.9 :Y	2.8 :Y	2.5 :Y	2.9 :Y	2.1 :Y	1.7 :Y	1.6 :Y	1.6 :Y
Test Group:WQPL Units: pH														
pH	8.3 :V	7.5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-6
Surface Soil Results*
OU14 - IHSS 160

Sample Location:	SS445294	SS445394	SS445494	SS445594	SS445694	SS445794	SS445894	SS445994	SS446094	SS446194	SS446294	SS446394	SS446594	SS446694
Sample Identification Number:	SSG2347JE	SSG2348JE	SSG2349JE	SSG2350JE	SSG2351JE	SSG2352JE	SSG2353JE	SSG2354JE	SSG2355JE	SSG2356JE	SSG2357JE	SSG2358JE	SSG2360JE	SSG2361JE
Date Sampled:	14-Sep-94	14-Sep-94	6-Sep-94	6-Sep-94	6-Sep-94	6-Sep-94	8-Sep-94	7-Sep-94	16-Sep-94	14-Sep-94	14-Sep-94	6-Sep-94	7-Sep-94	13-Sep-94
Test Group:METADD Units: mg/kg														
CESIUM	< 7.7 :J	< 8.1 :J	NA	NA	NA	NA	NA	NA	< 3.8 :J	< 3.8 :J	< 3.8 :J	NA	NA	NA
LITHIUM	15.2 B:J	13 B:J	NA	NA	NA	NA	NA	NA	2.9 B:J	3.8 B:J	4.6 B:J	NA	NA	NA
MOLYBDENUM	5.7 B:J	5 B:J	NA	NA	NA	NA	NA	NA	< 1.4 :J	< 2.3 :J	< 2.8 :J	NA	NA	NA
STRONTIUM	16.1 B:J	16.1 B:J	NA	NA	NA	NA	NA	NA	11.7 B:J	10.7 B:J	10.3 B:J	NA	NA	NA
TIN	< 2 :J	< 2.1 :J	NA	NA	NA	NA	NA	NA	< 2 :J	< 2 :J	< 2 :J	NA	NA	NA
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	12900 :V	12600 :V	NA	NA	NA	NA	NA	NA	2910 :V	4280 :V	4920 :V	NA	NA	NA
ANTIMONY	3.5 B:J	< 2.7 :J	NA	NA	NA	NA	NA	NA	4.2 B:J	< 2.5 :J	< 2.5 :J	NA	NA	NA
ARSENIC	2.4 :J	5 :V	NA	NA	NA	NA	NA	NA	3.5 :V	5.1 :V	4.5 :V	NA	NA	NA
BARIUM	118 :V	133 :V	NA	NA	NA	NA	NA	NA	35.8 B:V	51.6 :V	54.3 :V	NA	NA	NA
BERYLLIUM	.47 B:V	.6 B:V	NA	NA	NA	NA	NA	NA	.24 B:V	.32 B:V	.33 B:V	NA	NA	NA
CADMIUM	< .26 :J	< 1.1 :J	NA	NA	NA	NA	NA	NA	< .32 :J	< .3 :J	< .71 :J	NA	NA	NA
CALCIUM	4270 :V	2930 :V	NA	NA	NA	NA	NA	NA	1500 :V	1440 :V	1590 :V	NA	NA	NA
CHROMIUM	9.9 :J	13.1 :J	NA	NA	NA	NA	NA	NA	5.1 :V	7.6 :V	10.2 :V	NA	NA	NA
COBALT	10.2 :V	8.7 B:V	NA	NA	NA	NA	NA	NA	2.3 B:V	2.9 B:V	4.1 B:V	NA	NA	NA
COPPER	50.1 :V	34.5 :V	NA	NA	NA	NA	NA	NA	13.5 :V	12.5 :V	15.6 :V	NA	NA	NA
IRON	30000 :V	24000 :V	NA	NA	NA	NA	NA	NA	5590 :V	9480 :V	9030 :V	NA	NA	NA
LEAD	18.2 :V	34.5 :V	NA	NA	NA	NA	NA	NA	8 :V	17.4 :V	31 :V	NA	NA	NA
MAGNESIUM	7000 :V	5100 :V	NA	NA	NA	NA	NA	NA	1220 :V	1030 :V	1480 :V	NA	NA	NA
MANGANESE	659 :V	565 :V	NA	NA	NA	NA	NA	NA	103 :V	145 :V	169 :V	NA	NA	NA
MERCURY	< .049 :V	< .049 :V	NA	NA	NA	NA	NA	NA	< .048 :V	< .044 :V	< .048 :V	NA	NA	NA
NICKEL	6.5 B:V	8.1 :V	NA	NA	NA	NA	NA	NA	3.1 B:V	4.7 B:V	4.9 B:V	NA	NA	NA
POTASSIUM	4300 :V	4070 :V	NA	NA	NA	NA	NA	NA	756 B:V	1080 :V	1300 :V	NA	NA	NA
SELENIUM	.62 B:J	.74 B:J	NA	NA	NA	NA	NA	NA	< .53 :V	< .53 :V	.63 B:V	NA	NA	NA
SILVER	1.2 B:J	1.6 B:J	NA	NA	NA	NA	NA	NA	< .77 :V	.93 B:J	1.1 B:J	NA	NA	NA
SODIUM	155 B:J	97.5 B:J	NA	NA	NA	NA	NA	NA	107 B:V	< 66.1 :J	< 54 :J	NA	NA	NA
THALLIUM	< .42 :V	< .45 :V	NA	NA	NA	NA	NA	NA	< .42 :V	< .42 :V	< .42 :V	NA	NA	NA
VANADIUM	40.6 :V	35.7 :V	NA	NA	NA	NA	NA	NA	11.5 :V	16 :V	17.7 :V	NA	NA	NA
ZINC	110 :V	133 :V	NA	NA	NA	NA	NA	NA	38.6 :V	37.5 :V	126 :V	NA	NA	NA
Test Group:TRADS Units: pCi/g														
GROSS ALPHA	11(3.4) :A	8.6(2.6) :A	21(4.2) :A	20(3.8) :A	11(4) :A	17(3.5) :A	13(3.3) :Y	11(3.2) :A	10(2.5) :A	9.9(2.6) :A	14(3.2) :A	17(3.8) :A	16(3.4) :A	23(3.7) :A
GROSS BETA	25(3.5) :A	27(3.6) :A	28(2.6) :A	29(2.7) :A	28(3.5) :A	29(2.9) :A	32(3.6) :Y	31(3.5) :A	27(3.4) :A	22(3.1) :A	24(3.3) :A	28(3.4) :A	27(3.6) :A	29(3.7) :A
PLUTONIUM-239/240	.028(.008) J:V	.67(.038) :V	.076(.017) :V	.02(.008) J:V	1.4(.065) :V	.94(.049) :V	4.7(.15) B:Y	.59(.035) :V	.048(.008) :V	.099(.014) :V	.085(.017) :V	.01(.006) J:V	.15(.023) :V	.34(.031) :V
URANIUM, TOTAL	1.7 :Y	2.9 :Y	3.4 :Y	2.9 :Y	2.7 :Y	2.7 :Y	2.6 :Y	1.4 :Y	1.8 :Y	2.5 :Y	2.2 :Y	2.2 :Y	2.5 :Y	3 :Y
Test Group:WQPL Units: pH														
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-6
Surface Soil Results*
OU14 - IHSS 160

Sample Location:	SS446794	SS446894	SS446994	SS447094	SS447194	SS447394	SS447494	SS447594	SS447694	SS447794	SS447894	SS447994	SS448194	SS448194
Sample Identification Number:	SSG2362JE	SSG2363JE	SSG2364JE	SSG2365JE	SSG2366JE	SSG2368JE	SSG2369JE	SSG2370JE	SSG2371JE	SSG2372JE	SSG2373JE	SSG2374JE	BFG0123JE	SSG2376JE
Date Sampled:	8-Sep-94	16-Sep-94	14-Sep-94	15-Sep-94	6-Sep-94	7-Sep-94	13-Sep-94	9-Sep-94	9-Sep-94	16-Sep-94	15-Sep-94	7-Sep-94	7-Sep-94	7-Sep-94
Test Group:METADD Units: mg/kg														
CESIUM	NA	< 4 :J	< 8 :J	< 4.2 :J	NA	NA	NA	NA	NA	< 3.8 :J	< 4.2 :J	NA	NA	NA
LITHIUM	NA	2.6 B:J	4 B:J	5.9 B:J	NA	NA	NA	NA	NA	2.4 B:J	8.6 B:J	NA	NA	NA
MOLYBDENUM	NA	< 1.6 :J	< 1.6 :J	< 2.2 :J	NA	NA	NA	NA	NA	< 1.5 :J	3.6 B:V	NA	NA	NA
STRONTIUM	NA	11.7 B:J	8.4 B:J	12.2 B:J	NA	NA	NA	NA	NA	17.4 B:J	13.5 B:J	NA	NA	NA
TIN	NA	< 2.1 :J	< 2.1 :J	< 2.2 :J	NA	NA	NA	NA	NA	< 2 :J	< 2.2 :J	NA	NA	NA
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	NA	2800 :V	3240 :V	6220 :V	NA	NA	NA	NA	NA	2760 :V	8500 :V	NA	NA	NA
ANTIMONY	NA	< 2.6 :J	< 2.6 :J	< 2.8 :J	NA	NA	NA	NA	NA	< 2.5 :J	3.6 B:J	NA	NA	NA
ARSENIC	NA	2.7 :J	1.4 B:J	5.2 :V	NA	NA	NA	NA	NA	5.4 :V	3.5 :V	NA	NA	NA
BARIUM	NA	30.7 B:V	34.6 B:V	70.5 :V	NA	NA	NA	NA	NA	33.5 B:V	85.6 :V	NA	NA	NA
BERYLLIUM	NA	.23 B:V	.25 B:V	.46 B:V	NA	NA	NA	NA	NA	.23 B:V	.55 B:V	NA	NA	NA
CADMIUM	NA	< .44 :J	< .41 :J	< 1.3 :J	NA	NA	NA	NA	NA	< .4 :J	3.3 :V	NA	NA	NA
CALCIUM	NA	2050 :V	1970 :V	1530 :V	NA	NA	NA	NA	NA	2500 :V	3860 :V	NA	NA	NA
CHROMIUM	NA	6.6 :V	6.7 :V	10.1 :V	NA	NA	NA	NA	NA	5.9 :V	13.4 :V	NA	NA	NA
COBALT	NA	2.1 B:V	3.8 B:V	5.7 B:V	NA	NA	NA	NA	NA	2.2 B:V	8.3 B:V	NA	NA	NA
COPPER	NA	29.2 :V	8.1 :V	13.9 :V	NA	NA	NA	NA	NA	18.1 :V	29.1 :V	NA	NA	NA
IRON	NA	5130 :V	6510 :V	9750 :V	NA	NA	NA	NA	NA	4800 :V	17400 :V	NA	NA	NA
LEAD	NA	13.4 :V	10.6 :V	24.9 :V	NA	NA	NA	NA	NA	7.4 :V	27.1 :V	NA	NA	NA
MAGNESIUM	NA	1010 :V	1270 :V	1320 :V	NA	NA	NA	NA	NA	1060 :V	3760 :V	NA	NA	NA
MANGANESE	NA	120 :V	101 :V	198 :V	NA	NA	NA	NA	NA	79.8 :V	394 :V	NA	NA	NA
MERCURY	NA	< .05 :V	< .051 :V	< .053 :V	NA	NA	NA	NA	NA	< .051 :V	< .053 :V	NA	NA	NA
NICKEL	NA	3.9 B:V	3.8 B:V	5.9 B:V	NA	NA	NA	NA	NA	4.1 B:V	7.4 B:V	NA	NA	NA
POTASSIUM	NA	652 B:V	1140 :V	1490 :V	NA	NA	NA	NA	NA	614 B:V	2680 :V	NA	NA	NA
SELENIUM	NA	< .55 :V	< .56 :V	< .59 :V	NA	NA	NA	NA	NA	< .53 :V	< .59 :V	NA	NA	NA
SILVER	NA	.98 B:J	< .82 :V	1.6 B:J	NA	NA	NA	NA	NA	< .78 :V	1.7 B:J	NA	NA	NA
SODIUM	NA	134 B:V	< 52.4 :J	< 55.6 :J	NA	NA	NA	NA	NA	159 B:V	98.8 B:V	NA	NA	NA
THALLIUM	NA	< .44 :V	< .44 :V	< .47 :V	NA	NA	NA	NA	NA	< .42 :V	< .46 :V	NA	NA	NA
VANADIUM	NA	10.4 :V	9.9 B:V	21 :V	NA	NA	NA	NA	NA	13.4 :V	28.9 :V	NA	NA	NA
ZINC	NA	56.9 :V	78.9 :V	56.1 :V	NA	NA	NA	NA	NA	29.6 :V	117 :V	NA	NA	NA
Test Group:TRADS Units: pCi/g														
GROSS ALPHA	8.8(2.6) :Y	11(2.5) :A	30(5.1) :A	19(3.3) :A	16(3.7) :A	38(4.8) :A	14(3.3) :A	8.8(2.7) :Y	13(3.2) :Y	12(2.7) :A	13(2.7) :A	6.9(2.7) :A	12(3) :A	20(3.6) :A
GROSS BETA	32(3.5) :Y	23(3.2) :A	52(4.2) :A	32(3.7) :A	29(2.7) :A	29(3.5) :A	26(3.5) :A	30(3.7) :Y	32(3.5) :Y	27(3.5) :A	21(3.3) :A	23(3.5) :A	24(3.5) :A	27(3.4) :A
PLUTONIUM-239/240	.26(.022) B:Y	.039(.008) :V	.069(.012) :V	.48(.03) :V	.011(.008) J:V	21(.46) B:V	1.2(.056) :V	.14(.02) B:Y	.1(.014) B:Y	.014(.005) J:V	.094(.015) :V	.035(.008) B:V	.023(.009) BJ:V	.07(.013) B:V
URANIUM, TOTAL	2.3 :Y	1.5 :Y	2.7 :Y	2.7 :Y	2.8 :Y	2.7 :Y	2.8 :Y	1.9 :Y	1.6 :Y	2.4 :Y	2.5 :Y	1.5 :Y	2.1 :Y	3.2 :Y
Test Group:WQPL Units: pH														
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-6
Surface Soil Results*
OU14 - IHSS 160

Sample Location:	SS448294	SS448294	SS448394	SS448494	SS448594	SS448694	SS448794	SS448894	SS448994	SS449094	SS449194	SS449294	SS449394
Sample Identification Number:	BFG0128JE	SSG2377JE	SSG2378JE	SSG2379JE	SSG2380JE	SSG2381JE	SSG2382JE	SSG2383JE	SSG2384JE	SSG2385JE	SSG2386JE	SSG2387JE	SSG2388JE
Date Sampled:	15-Sep-94	15-Sep-94	9-Sep-94	9-Sep-94	19-Sep-94	15-Sep-94	19-Sep-94	7-Sep-94	7-Sep-94	7-Sep-94	15-Sep-94	9-Sep-94	14-Sep-94
Test Group:METADD Units: mg/kg													
CESIUM	NA	NA	NA	NA	< 4.1 :J	< 4 :J	< 4.3 :J	NA	NA	NA	NA	NA	NA
LITHIUM	NA	NA	NA	NA	3.9 B:J	4.1 B:J	3.4 B:J	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	< 1.4 :J	< 1.6 :J	< 1.2 :J	NA	NA	NA	NA	NA	NA
STRONTIUM	NA	NA	NA	NA	24.1 B:J	16.1 B:J	21.4 B:J	NA	NA	NA	NA	NA	NA
TIN	NA	NA	NA	NA	< 2.2 :J	< 2.1 :J	< 2.3 :J	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	NA	NA	NA	NA	3030 :V	2560 :V	2770 :V	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	3 B:J	< 2.6 :J	< 2.8 :J	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	1.7 B:J	1.6 B:J	2.2 :J	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA	53.2 :V	45.5 :V	46.9 :V	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	.3 B:V	.24 B:V	.25 B:V	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	< .45 :J	< .23 :J	< .3 :J	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	1730 :V	897 :V	1660 :V	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	4.9 :V	4.7 :V	4.1 :V	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	5.1 B:V	5.4 B:V	5.7 B:V	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	17.4 :V	16.4 :V	21 :V	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	5980 :V	5690 :V	5450 :V	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	13.9 :V	11.4 :V	17.6 :V	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	1020 B:V	797 B:V	958 B:V	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	147 :V	120 :V	124 :V	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	< .053 :V	< .052 :V	< .054 :V	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	3.1 B:V	2.8 B:V	2.7 B:V	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	895 B:V	1410 :V	889 B:V	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	< .58 :V	< .56 :V	< .6 :V	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	.85 B:J	.99 B:J	< .88 :V	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	137 B:V	538 B:V	86 B:V	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	< .45 :V	< .44 :V	< .47 :V	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	9.3 B:V	8.4 B:V	8.6 B:V	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	37 :V	31.6 :V	43.8 :V	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g													
GROSS ALPHA	14(2.8) :A	17(3.1) :A	13(3) :Y	17(3.6) :Y	16(3.1) :A	15(3) :A	17(3.3) :A	14(3.2) :A	19(3.6) :A	19(3.5) :A	17(3.3) :A	13(3.5) :Y	20(4.1) :A
GROSS BETA	21(3.2) :A	34(3.8) :A	29(3.7) :Y	34(3.7) :Y	36(3.7) :A	38(3.6) :A	38(3.7) :A	35(3.6) :A	41(3.8) :A	44(4.1) :A	39(3.9) :A	32(3.5) :Y	27(3.4) :A
PLUTONIUM-239/240	.11(.017) :V	.19(.018) :V	.16(.017) B:Y	.22(.02) B:Y	(.002) U:V	.002(.002) U:V	.002(.002) U:V	.017(.007) J:V	.009(.005) BJ:V	.004(.003) BJ:V	.005(.004) U:V	.035(.008) B:Y	.001(.002) U:V
URANIUM, TOTAL	2.8 :Y	3.5 :Y	2.3 :Y	2 :Y	4 :Y	2.6 :Y	3.2 :Y	3 :Y	3.3 :Y	3.5 :Y	3.1 :Y	2.1 :Y	1.2 :Y
Test Group:WQPL Units: pH													
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-7
Surface Soil Data Summary - All Results***
OUO14 - IHSS 160

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:METADD Units: mg/kg												
CESIUM	1000	3.8	SS444294 (5)	12.2	SS439994 (1)					0	52	0
LITHIUM	100	**	**	**	**	2.4 B:J	SS447794 (1)	16.6 B:J	SS440094 (1)	52	52	6.45
MOLYBDENUM	200	0.8	SS441094 (1)	2.8	SS446294 (1)	1.1 B:V	SS441894 (1)	5.7 B:J	SS445294 (1)	16	52	1.4031
STRONTIUM	200	**	**	**	**	8.4 B:J	SS446994 (1)	64.3 :J	SS439794 (1)	52	52	15.8462
TIN	200	2	SS441494 (12)	2.3	SS440694 (2)					0	52	0
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	**	**	**	**	2560 :V	SS448694 (1)	13100 :V	SS441594 (1)	52	52	6165.769
ANTIMONY	60	2.5	SS441494 (7)	2.9	SS440694 (1)	2.6 B:J	SS444294 (1)	4.2 B:J	SS446094 (1)	7	52	1.5933
ARSENIC	10	**	**	**	**	1.4 B:V	SS439794 (2)	8.6 :V	SS442494 (1)	52	52	3.5154
BARIUM	200	**	**	**	**	30.7 B:V	SS446894 (1)	160 :V	SS439794 (1)	52	52	67.6596
BERYLLIUM	5	0.33	SS441894 (1)	0.33	SS441894 (1)	.15 B:V	SS441494 (1)	1.6 :V	SS441594 (2)	51	52	0.4455
CADMIUM	5	0.15	SS441494 (3)	1.3	SS447094 (1)	.16 B:V	SS442294 (1)	3.3 :V	SS447894 (1)	6	52	0.2726
CALCIUM	5000	**	**	**	**	897 :V	SS448694 (1)	16900 :V	SS439894 (1)	52	52	3613.404
CHROMIUM	10	**	**	**	**	4.1 :V	SS448794 (1)	105 :V	SS440794 (1)	52	52	13.5192
COBALT	50	**	**	**	**	2.1 B:V	SS446894 (1)	15.6 :V	SS440094 (1)	52	52	5.7769
COPPER	25	9.5	SS441094 (1)	9.5	SS441094 (1)	7.6 :V	SS441194 (2)	50.2 :J	SS442494 (1)	51	52	19.9221
IRON	100	**	**	**	**	4800 :V	SS447794 (1)	30000 :V	SS445294 (1)	52	52	11794.62
LEAD	3	**	**	**	**	5 :J	SS440094 (1)	426 :V	SS440794 (1)	52	52	32.9346
MAGNESIUM	5000	**	**	**	**	797 B:V	SS448694 (1)	7830 :V	SS440094 (1)	52	52	2367.596
MANGANESE	15	**	**	**	**	79.8 :V	SS447794 (1)	659 :V	SS445294 (1)	52	52	246.4192
MERCURY	0.2	0.04	SS442394 (2)	0.06	SS439894 (2)	.049 B:V	SS440694 (1)	.27 :V	SS441694 (1)	5	52	0.0338
NICKEL	40	**	**	**	**	2.7 B:V	SS448794 (1)	13.2 :V	SS441594 (1)	52	52	6.4635
POTASSIUM	5000	**	**	**	**	614 B:V	SS447794 (1)	4300 :V	SS445294 (1)	52	52	1677.808
SELENIUM	5	0.53	SS441494 (6)	0.62	SS440694 (1)	.62 B:J	SS445294 (1)	.74 B:J	SS445394 (1)	3	52	0.305
SILVER	10	0.77	SS442394 (2)	6.1	SS441094 (1)	.82 B:J	SS444294 (1)	7.5 :V	SS440994 (1)	24	52	1.1975
SODIUM	5000	46.8	SS441094 (1)	124	SS443494 (1)	56 B:V	SS441194 (2)	1530 :V	SS439794 (1)	34	52	146.9202
THALLIUM	10	0.42	SS441494 (10)	0.49	SS440694 (1)					0	52	0
VANADIUM	50	**	**	**	**	8.4 B:V	SS448694 (1)	45.6 :V	SS440094 (1)	52	52	20.425
ZINC	20	**	**	**	**	19.3 :V	SS441094 (1)	314 :V	SS442694 (1)	52	52	71.4173
Test Group:TRADS Units: pCi/g												
GROSS ALPHA	3	**	**	**	**	6.3(2.8) :A	SS440294 (1)	130(11) :A	SS441294 (1)	119	119	16.0882
GROSS BETA	4	**	**	**	**	19(2.2) :A	SS441194 (1)	55(4.4) :A	SS441594 (1)	119	119	30
PLUTONIUM-239/240	0.005	**	**	**	**	(.002) U:V:V	SS448594 (1)	150(5.3) :VV	SS441294 (1)	119	119	3.0347
URANIUM, TOTAL	0.08	**	**	**	**	.98 :Y	SS440194 (1)	23 :Y	SS443594 (1)	119	119	2.7166
Test Group:WQPL Units: pH												
pH	0.01	**	**	**	**	7.4 :V	SS440694 (2)	9 :V	SS440894 (1)	13	13	8

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier; concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - Inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organics
Y = Validation Qualifier; in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

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No TIC Results Were Reported for IHSS 160

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TABLE B-8
Surface Soil Results*
OU14 - IHSS 161

Sample Location:	SS222693	SS223093	SS449494	SS449594	SS449694	SS449794	SS449994	SS450094	SS450194	SS450294	SS450494
Sample Identification Number:	SSG1468JE	SSG1472JE	SSG2389JE	SSG2390JE	SSG2391JE	SSG2392JE	SSG2394JE	SSG2395JE	SSG2396JE	SSG2397JE	SSG2399JE
Date Sampled:	18-Apr-94	19-Apr-94	21-Sep-94	21-Sep-94	21-Sep-94	22-Sep-94	21-Sep-94	21-Sep-94	22-Sep-94	22-Sep-94	21-Sep-94
Test Group:TRADS Units: pCi/g											
GROSS ALPHA	39.02(7.43) :V	41.84(7.74) :V	12(3.4) :A	12(3.7) :A	17(4.2) :A	12(3.3) :A	8(3) :A	17(3.2) :A	12(3.1) :A	25(4.1) :A	14(4) :A
GROSS BETA	53.32(4.98) :V	57.76(5.29) :V	25(2.5) :A	30(3.6) :A	27(3.6) :A	28(3.6) :A	22(3.4) :A	31(2.7) :A	29(3.4) :A	41(4) :A	26(3.3) :A
PLUTONIUM-239/240	.003(.009) J:V	-.002(.003) J:V	.047(.01) :V	.012(.004) J:V	.035(.008) :V	.033(.008) :V	.014(.005) J:V	.008(.005) J:V	.021(.006) J:V	.004(.003) J:V	.012(.005) J:V
URANIUM, TOTAL	NA	NA	2.3 :Y	2.5 :Y	2.3 :Y	2 :Y	2.5 :Y	2.5 :Y	2 :Y	2.7 :Y	2.6 :Y
URANIUM-233,-234	1.946(.425) :V	2.091(.309) :V	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	.106(.08) :V	.091(.047) :V	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	1.587(.369) :V	1.996(.298) :V	NA	NA	NA	NA	NA	NA	NA	NA	NA

Sample Location:	SS450494	SS450594	SS450694	SS450794	SS450794	SS450894	SS450894	SS450994	SS451094	SS451194	SS451294
Sample Identification Number:	SSG2591JE	SSG2400JE	SSG2401JE	SSG2402JE	SSG2588JE	SSG2403JE	SSG2589JE	SSG2404JE	SSG2405JE	SSG2406JE	SSG2407JE
Date Sampled:	21-Sep-94	21-Sep-94	21-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	21-Sep-94	20-Sep-94	20-Sep-94
Test Group:TRADS Units: pCi/g											
GROSS ALPHA	15(3.9) :A	10(2.8) :A	9.4(3.1) :A	12(3.7) :A	13(2.9) :A	11(2.7) :A	21(3.8) :A	16(3.4) :A	2.7(2.6) U:A	14(3.9) :A	28(4.8) :A
GROSS BETA	25(3.4) :A	31(2.8) :A	31(3.5) :A	34(4) :A	32(3.5) :A	29(3.6) :A	35(3.8) :A	35(3.6) :A	25(3.5) :A	25(3.5) :A	37(3.9) :A
PLUTONIUM-239/240	.012(.006) J:V	.022(.006) J:V	.016(.004) J:V	.006(.005) U:V	.004(.003) J:V	.007(.004) J:V	.009(.005) J:V	.013(.006) J:V	.006(.004) J:V	.32(.027) :V	.02(.008) J:V
URANIUM, TOTAL	2.9 :Y	2.3 :Y	2 :Y	2.5 :Y	1.7 :Y	2.1 :Y	2.5 :Y	2.4 :Y	1.8 :Y	2.4 :Y	2.6 :Y
URANIUM-233,-234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Sample Location:	SS451394	SS451494	SS451594	SS451694	SS451794	SS451894	SS451994	SS452094	SS452194
Sample Identification Number:	SSG2408JE	SSG2409JE	SSG2410JE	SSG2411JE	SSG2412JE	SSG2413JE	SSG2414JE	SSG2415JE	SSG2416JE
Date Sampled:	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94
Test Group:TRADS Units: pCi/g									
GROSS ALPHA	15(4) :A	14(4.2) :A	11(3.2) :A	21(4.3) :A	19(3.9) :A	15(4.3) :A	16(4.7) :A	14(4.2) :A	28(5.6) :A
GROSS BETA	35(3.6) :A	34(3.7) :A	29(3.6) :A	33(3.6) :A	30(3.5) :A	30(3.5) :A	28(3.7) :A	35(3.8) :A	28(3.7) :A
PLUTONIUM-239/240	.017(.006) J:V	.018(.007) J:V	.009(.006) J:V	.095(.012) :V	.088(.01) :V	.029(.006) J:V	.059(.008) :V	.23(.017) :V	.059(.009) :V
URANIUM, TOTAL	2 :Y	1.7 :Y	1.8 :Y	3.5 :Y	2.9 :Y	2.6 :Y	2.9 :Y	2.9 :Y	2.9 :Y
URANIUM-233,-234	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: In the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

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No TIC Results Were Reported for IHSS 161

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TABLE B-9
Surface Soil Data Summary - All Results***
OU14 - IHSS 161

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:TRADS Units: pCi/g												
GROSS ALPHA	4	**	**	**	**	2.7(2.6) U:A	SS451094 (1)	41.84(7.74) :V	SS223093 (1)	31	31	16.6116
GROSS BETA	5	**	**	**	**	22(3.4) :A:V	SS449994 (1)	57.76(5.29) :V	SS223093 (1)	31	31	31.9703
PLUTONIUM-239/240	0.004	**	**	**	**	-.002(.003) J:V	SS223093 (1)	.32(.027) :V	SS451194 (1)	31	31	0.0395
URANIUM, TOTAL	0.008	**	**	**	**	1.7 :Y	SS450794 (2)	3.5 :Y	SS451694 (1)	29	29	2.4069
URANIUM-233,-234	0.039	**	**	**	**	1.946(.425) :V	SS222693 (1)	2.091(.309) :V	SS223093 (1)	2	2	2.0185
URANIUM-235	0.039	**	**	**	**	.091(.047) :V	SS223093 (1)	.106(.08) :V	SS222693 (1)	2	2	0.0985
URANIUM-238	0.037	**	**	**	**	1.587(.369) :V	SS222693 (1)	1.996(.298) :V	SS223093 (1)	2	2	1.7915

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

TABLE B-10
Surface Soil Results*
OU14 - IHSS 162

Sample Location:	SS452294	SS452394	SS452394	SS452494	SS452594	SS452694	SS452694	SS452794	SS452894	SS452994	SS453094	SS453194	SS453294	SS453394
Sample Identification Number:	SSG2417JE	SSG2418JE	SSG2629JE	SSG2419JE	SSG2420JE	SSG2421JE	SSG2628JE	SSG2422JE	SSG2423JE	SSG2424JE	SSG2425JE	SSG2426JE	SSG2427JE	SSG2428JE
Date Sampled:	12-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	12-Oct-94	1-Dec-94	1-Dec-94	22-Nov-94	22-Nov-94	22-Nov-94
Test Group:BNACLP Units: µg/kg														
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
2,4,6-TRIBROMOPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	64 :Y	61 :Y	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2-FLUOROBIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA	64 :Y	63 :Y	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 910 :Y	< 700 :Y	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	39 J:Y	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	74 J:Y	300 J:Y	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 J:Y	410 :Y	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	140 J:Y	680 :Y	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	74 J:Y	180 J:Y	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	58 J:Y	230 J:Y	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	64 J:Y	100 J:Y	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	59 J:Y	160 J:Y	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	100 J:Y	440 :Y	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	50 J:Y	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	180 J:Y	860 :Y	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	65 J:Y	210 J:Y	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA

TABLE B-10
Surface Soil Results*
OU14 - IHSS 162

Sample Location:	SS453594	SS453694	SS453794	SS453894	SS453994	SS454094	SS454194	SS454194	SS454294	SS454394	SS454494	SS454594
Sample Identification Number:	SSG2430JE	SSG2431JE	SSG2432JE	SSG2433JE	SSG2434JE	SSG2435JE	SSG2436JE	SSG2606JE	SSG2437JE	SSG2438JE	SSG2439JE	SSG2440JE
Date Sampled:	1-Dec-94	1-Dec-94	22-Nov-94	22-Nov-94	22-Nov-94	22-Nov-94	29-Sep-94	29-Sep-94	29-Sep-94	29-Sep-94	29-Sep-94	19-Oct-94
Test Group:BNACLP Units: µg/kg												
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRIBROMOPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-FLUOROBIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-10
Surface Soil Results*
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Sample Location:	SS452294	SS452394	SS452394	SS452494	SS452594	SS452694	SS452694	SS452794	SS452894	SS452994	SS453094	SS453194	SS453294	SS453394
Sample Identification Number:	SSG2417JE	SSG2418JE	SSG2629JE	SSG2419JE	SSG2420JE	SSG2421JE	SSG2626JE	SSG2422JE	SSG2423JE	SSG2424JE	SSG2425JE	SSG2426JE	SSG2427JE	SSG2428JE
Date Sampled:	12-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	12-Oct-94	1-Dec-94	1-Dec-94	22-Nov-94	22-Nov-94	22-Nov-94
NITROBENZENE-D5	NA	NA	NA	NA	NA	NA	NA	NA	NA	61 :Y	62 :Y	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2200 :Y	< 1700 :Y	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	72 J:Y	360 :Y	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
PHENOL-D5	NA	NA	NA	NA	NA	NA	NA	NA	NA	64 :Y	58 :Y	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	160 J:Y	680 :Y	NA	NA	NA
TERPHENYL-D14	NA	NA	NA	NA	NA	NA	NA	NA	NA	54 :Y	56 :Y	NA	NA	NA
o-FLUOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	59 :Y	57 :Y	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 460 :Y	< 350 :Y	NA	NA	NA
Test Group:HERB8150 Units: µg/kg														
2,2-DICHLOROPROPANOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100 :Y	< 100 :Y	NA	NA	NA
2,4,5-TRICHLOROPHENOXYACETIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100 :Y	< 100 :Y	NA	NA	NA
2,4-DB	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100 :Y	< 100 :Y	NA	NA	NA
2,4-DICHLOROPHENOXYACETIC ACID, SALTS AN	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100 :Y	< 100 :Y	NA	NA	NA
DICAMBA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100 :Y	150 :Y	NA	NA	NA
DICHLORPROP	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 J:Y	< 100 :Y	NA	NA	NA
MCPA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100000 :Y	1100 J:Y	NA	NA	NA
MCPP	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100000 :Y	< 100000 :Y	NA	NA	NA
PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100 :Y	< 100 :Y	NA	NA	NA
PROPANOIC ACID, 2-(2,4,5-TRICHLOROPHENOX	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100 :Y	< 100 :Y	NA	NA	NA
Test Group:METADD Units: mg/kg														
CESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 B:V	4.3 B:V	NA	NA	NA
LITHIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.6 B:V	8.3 B:V	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4 :J	< .83 :J	NA	NA	NA
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.4 B:V	26.3 B:V	NA	NA	NA
TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7.2 :J	< 2.1 :V	NA	NA	NA
Test Group:PESTCLP Units: µg/kg														
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 220 :Y	< 170 :Y	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 220 :Y	< 170 :Y	NA	NA	NA
DI-BUTYLCHLORENDATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	89 :Y	98 :Y	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 22 :Y	< 17 :Y	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 220 :Y	< 170 :Y	NA	NA	NA
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
alpha-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
gamma-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :Y	< 8.4 :Y	NA	NA	NA
gamma-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 :Y	< 84 :Y	NA	NA	NA
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	4540 :V	10900 :V	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.3 :J	< 2.4 :J	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.4 :V	4.4 :V	NA	NA	NA
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.3 :V	94.7 :V	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	.37 B:V	1 :V	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .29 :V	2.8 :J	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	4030 :V	9290 :V	NA	NA	NA

TABLE B-10
Surface Soil Results*
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Sample Location:	SS453594	SS453694	SS453794	SS453894	SS453994	SS454094	SS454194	SS454194	SS454294	SS454394	SS454494	SS454594
Sample Identification Number:	SSG2430JE	SSG2431JE	SSG2432JE	SSG2433JE	SSG2434JE	SSG2435JE	SSG2436JE	SSG2606JE	SSG2437JE	SSG2438JE	SSG2439JE	SSG2440JE
Date Sampled:	1-Dec-94	1-Dec-94	22-Nov-94	22-Nov-94	22-Nov-94	22-Nov-94	29-Sep-94	29-Sep-94	29-Sep-94	29-Sep-94	29-Sep-94	19-Oct-94
NITROBENZENE-D5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL-D5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TERPHENYL-D14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-FLUOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:HERB8150 Units: µg/kg												
2,2-DICHLOROPROPANOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOXYACETIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOXYACETIC ACID, SALTS AN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DICAMBA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DICHLORPROP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCPA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCPP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROPANOIC ACID, 2-(2,4,5-TRICHLOROPHENOX	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: mg/kg												
CESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:PESTCLP Units: µg/kg												
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-BUTYLCHLORENDATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-10
Surface Soil Results*
OU14 - IHSS 162

Sample Location:	SS452294	SS452394	SS452394	SS452494	SS452594	SS452694	SS452694	SS452794	SS452894	SS452994	SS453094	SS453194	SS453294	SS453394
Sample Identification Number:	SSG2417JE	SSG2418JE	SSG2629JE	SSG2419JE	SSG2420JE	SSG2421JE	SSG2626JE	SSG2422JE	SSG2423JE	SSG2424JE	SSG2425JE	SSG2426JE	SSG2427JE	SSG2428JE
Date Sampled:	12-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	12-Oct-94	1-Dec-94	1-Dec-94	22-Nov-94	22-Nov-94	22-Nov-94
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.2 :V	13.5 :V	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 B:V	6.3 B:V	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.9 :V	27.4 :V	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	7630 :V	13100 :V	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.4 :V	20.5 :V	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	1180 :V	2420 :V	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA	96.5 :V	193 :V	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :V	< .05 :V	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 B:V	12.1 :V	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	982 B:V	1700 :V	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .62 :J	< .61 :J	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 :J	< .97 :J	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 68.6 :J	< 92.6 :J	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .35 :V	< .36 :V	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	17 :V	27.6 :V	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.6 I:J	183 I:J	NA	NA	NA
Test Group:TRADS Units: pCi/g														
AMERICIUM-241	.004(.018) U:Y	.001(.005) U:Y	.009(.009) U:Y	.011(.007) J:Y	.009(.005) J:Y	.008(.007) J:Y	.004(.004) U:Y	.005(.005) U:Y	.017(.009) J:Y	NA	NA	.029(.011) :Y	.016(.01) J:Y	.02(.009) :Y
GROSS ALPHA	21(3.9) :Y	18(4.5) :Y	14(3.5) :Y	15(3.3) :Y	14(3.5) :Y	14(3.1) :Y	10(2.9) :Y	23(3.8) :Y	21(3.4) :Y	NA	NA	9.1(2.4) :Y	13(2.8) :Y	8.9(2.4) :Y
GROSS BETA	32(3.3) :Y	28(3.5) :Y	28(3.5) :Y	28(3.6) :Y	31(3.6) :Y	21(3.2) :Y	17(3.4) :Y	34(3.6) :Y	32(3.3) :Y	NA	NA	28(3.4) :Y	27(3.3) :Y	26(3.3) :Y
PLUTONIUM-239/240	.04(.014) :Y	-.002(.005) U:Y	.006(.008) U:Y	.062(.015) :Y	.002(.004) U:Y	.023(.007) J:Y	.02(.007) J:Y	.017(.008) J:Y	.089(.017) :Y	NA	NA	.13(.025) :Y	.098(.016) :Y	.061(.017) :Y
URANIUM-233,-234	1.2(.23) :Y	.8(.18) :Y	.88(.2) :Y	.74(.18) :Y	.88(.18) :Y	1(.23) :Y	1(.21) :Y	.84(.17) :Y	.77(.15) :Y	NA	NA	.49(.21) :Y	.67(.23) :Y	.5(.16) :Y
URANIUM-235	.11(.059) J:Y	.018(.018) U:Y	.062(.041) U:Y	.04(.041) U:Y	.064(.055) U:Y	.038(.051) U:Y	.069(.059) U:Y	.022(.022) U:Y	.045(.045) U:Y	NA	NA	.02(.041) U:Y	.018(.037) U:Y	.016(.032) U:Y
URANIUM-238	1.1(.21) :Y	.83(.18) :Y	.94(.2) :Y	.72(.16) :Y	.87(.18) :Y	1(.23) :Y	1.1(.22) :Y	.55(.15) :Y	.87(.16) :Y	NA	NA	.52(.21) :Y	.64(.2) :Y	.56(.19) :Y
Test Group:VOACLP Units: µg/kg														
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 J:Y	< 11 :Y	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14 :Y	< 11 :Y	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14 :Y	< 11 :Y	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	100 B:Y	74 B:Y	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14 :Y	< 11 :Y	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14 :Y	< 11 :Y	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14 :Y	< 11 :Y	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	45 B:Y	31 B:Y	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14 :Y	< 11 :Y	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14 :Y	< 11 :Y	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7 :Y	< 5 :Y	NA	NA	NA
Test Group:WQPL Units: pH														
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.82 :V	8.15 :V	NA	NA	NA

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TABLE B-10
Surface Soil Results*
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Sample Location:	SS453594	SS453694	SS453794	SS453894	SS453994	SS454094	SS454194	SS454194	SS454294	SS454394	SS454494	SS454594
Sample Identification Number:	SSG2430JE	SSG2431JE	SSG2432JE	SSG2433JE	SSG2434JE	SSG2435JE	SSG2436JE	SSG2608JE	SSG2437JE	SSG2438JE	SSG2439JE	SSG2440JE
Date Sampled:	1-Dec-94	1-Dec-94	22-Nov-94	22-Nov-94	22-Nov-94	22-Nov-94	29-Sep-94	29-Sep-94	29-Sep-94	29-Sep-94	29-Sep-94	19-Oct-94
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	.003(.009) U:Y	.003(.005) U:Y	.002(.007) U:Y	.013(.008) J:Y	.038(.013) :Y	.071(.015) :Y	.22(.024) :Y	.26(.03) :Y	.039(.012) :Y	.012(.009) J:Y	.098(.02) :Y	.005(.008) U:Y
GROSS ALPHA	13(2.8) :Y	19(3.9) :Y	15(3.4) :Y	16(3.4) :Y	13(3.7) :Y	19(4.4) :Y	20(4.4) :Y	22(4.3) :Y	14(3.5) :Y	17(3.7) :Y	13(3.2) :Y	18(3.6) :Y
GROSS BETA	32(3.5) :Y	34(3.6) :Y	31(3.5) :Y	34(3.5) :Y	31(3.9) :Y	30(4.2) :Y	34(3.6) :Y	35(3.7) :Y	35(3.8) :Y	32(3.6) :Y	32(3.6) :Y	31(3.6) :Y
PLUTONIUM-239/240	.03(.007) :Y	.004(.003) J:Y	.011(.009) J:Y	.034(.012) :Y	.12(.02) :Y	.29(.036) :Y	1.5(.061) :Y	1.3(.056) :Y	.28(.023) :Y	.066(.011) :Y	.46(.029) :Y	.035(.01) :Y
URANIUM-233,-234	.98(.24) :Y	1.3(.26) :Y	1.1(.23) :Y	1.2(.28) :Y	1.2(.23) :Y	1.1(.21) :Y	.79(.15) :Y	.76(.13) :Y	.97(.19) :Y	.69(.19) :Y	.56(.15) :Y	.65(.16) :Y
URANIUM-235	.015(.059) U:Y	.07(.07) U:Y	.069(.046) U:Y	.017(.034) U:Y	.053(.042) U:Y	.021(.043) U:Y	-.006(.026) U:Y	.022(.033) U:Y	.043(.034) U:Y	.027(.027) U:Y	.048(.039) U:Y	.051(.041) U:Y
URANIUM-238	.67(.18) :Y	1.4(.26) :Y	1.1(.23) :Y	1.1(.28) :Y	1.1(.21) :Y	1.3(.24) :Y	.94(.15) :Y	.89(.14) :Y	.95(.18) :Y	1.1(.25) :Y	.64(.15) :Y	.61(.16) :Y
Test Group:VOACLP Units: µg/kg												
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units: pH												
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-10
Surface Soil Results*
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Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
NACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
RB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
ETADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
ESTCLP = EPA Pesticide/PCB
ETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
OACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-11
Surface Soil Data Summary - All Results**
OU14 - IHSS 162

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group: BNACLP Units: µg/kg												
1,2,4-TRICHLOROBENZENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
1,2-DICHLOROBENZENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
1,3-DICHLOROBENZENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
1,4-DICHLOROBENZENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2,4,5-TRICHLOROPHENOL	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
2,4,6-TRIBROMOPHENOL	0	**	**	**	**	61 :Y	SS453094 (1)	64 :Y	SS452994 (1)	2	2	62.5
2,4,6-TRICHLOROPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2,4-DICHLOROPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2,4-DIMETHYLPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2,4-DINITROPHENOL	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
2,4-DINITROTOLUENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2,6-DINITROTOLUENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2-CHLORONAPHTHALENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2-CHLOROPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2-FLUOROBIPHENYL	0	**	**	**	**	63 :Y	SS453094 (1)	64 :Y	SS452994 (1)	2	2	63.5
2-METHYLNAPHTHALENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2-METHYLPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
2-NITROANILINE	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
2-NITROPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
3,3'-DICHLOROBENZIDINE	660	700	SS453094 (1)	910	SS452994 (1)					0	2	0
3-NITROANILINE	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
4-CHLORO-3-METHYLPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
4-CHLOROANILINE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
4-CHLOROPHENYL PHENYL ETHER	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
4-METHYLPHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
4-NITROANILINE	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
4-NITROPHENOL	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
ACENAPHTHENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
ACENAPHTHYLENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
ANTHRACENE	330	460	SS452994 (1)	460	SS452994 (1)	39 J:Y	SS453094 (1)	39 J:Y	SS453094 (1)	1	2	134.5
BENZO(a)ANTHRACENE	330	**	**	**	**	74 J:Y	SS452994 (1)	300 J:Y	SS453094 (1)	2	2	187
BENZO(a)PYRENE	330	**	**	**	**	110 J:Y	SS452994 (1)	410 :Y	SS453094 (1)	2	2	260
BENZO(b)FLUORANTHENE	330	**	**	**	**	140 J:Y	SS452994 (1)	680 :Y	SS453094 (1)	2	2	410
BENZO(ghi)PERYLENE	330	**	**	**	**	74 J:Y	SS452994 (1)	180 J:Y	SS453094 (1)	2	2	127
BENZO(k)FLUORANTHENE	330	**	**	**	**	58 J:Y	SS452994 (1)	230 J:Y	SS453094 (1)	2	2	144
BENZOIC ACID	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
BENZYL ALCOHOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
BIS(2-CHLOROETHOXY)METHANE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
BIS(2-CHLOROETHYL)ETHER	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
BIS(2-ETHYLHEXYL)PHTHALATE	330	**	**	**	**	64 J:Y	SS452994 (1)	100 J:Y	SS453094 (1)	2	2	82
BUTYL BENZYL PHTHALATE	330	**	**	**	**	59 J:Y	SS452994 (1)	160 J:Y	SS453094 (1)	2	2	109.5
CHRYSENE	330	**	**	**	**	100 J:Y	SS452994 (1)	440 :Y	SS453094 (1)	2	2	270
DI-n-BUTYL PHTHALATE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
DI-n-OCTYL PHTHALATE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
DIBENZO(a,h)ANTHRACENE	330	460	SS452994 (1)	460	SS452994 (1)	50 J:Y	SS453094 (1)	50 J:Y	SS453094 (1)	1	2	140
DIBENZOFURAN	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
DIETHYL PHTHALATE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
DIMETHYL PHTHALATE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
FLUORANTHENE	330	**	**	**	**	180 J:Y	SS452994 (1)	860 :Y	SS453094 (1)	2	2	520
FLUORENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
HEXACHLOROBENZENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
HEXACHLOROBUTADIENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
HEXACHLOROCYCLOPENTADIENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
HEXACHLOROETHANE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
INDENO(1,2,3-cd)PYRENE	330	**	**	**	**	65 J:Y	SS452994 (1)	210 J:Y	SS453094 (1)	2	2	137.5
ISOPHORONE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0

TABLE B-11
Surface Soil Data Summary - All Results**
OU14 - IHSS 162

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/kg												
N-NITROSODIPHENYLAMINE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
NAPHTHALENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
NITROBENZENE	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
NITROBENZENE-D5	0	**	**	**	**	61 :Y	SS452994 (1)	62 :Y	SS453094 (1)	2	2	61.5
PENTACHLOROPHENOL	1600	1700	SS453094 (1)	2200	SS452994 (1)					0	2	0
PHENANTHRENE	330	**	**	**	**	72 J:Y	SS452994 (1)	360 :Y	SS453094 (1)	2	2	216
PHENOL	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
PHENOL-D5	0	**	**	**	**	58 :Y	SS453094 (1)	64 :Y	SS452994 (1)	2	2	61
PYRENE	330	**	**	**	**	160 J:Y	SS452994 (1)	680 :Y	SS453094 (1)	2	2	420
TERPHENYL-D14	0	**	**	**	**	54 :Y	SS452994 (1)	56 :Y	SS453094 (1)	2	2	55
o-FLUOROPHENOL	0	**	**	**	**	57 :Y	SS453094 (1)	59 :Y	SS452994 (1)	2	2	58
p-BROMODIPHENYL ETHER	330	350	SS453094 (1)	460	SS452994 (1)					0	2	0
Test Group:HERB8150 Units: µg/kg												
2,2-DICHLOROPROPANOIC ACID	100	100	SS452994 (2)	100	SS452994 (2)					0	2	0
2,4,5-TRICHLOROPHENOXYACETIC ACID	100	100	SS452994 (2)	100	SS452994 (2)					0	2	0
2,4-DB	100	100	SS452994 (2)	100	SS452994 (2)					0	2	0
2,4-DICHLOROPHENOXYACETIC ACID, SALTS AN	100	100	SS452994 (2)	100	SS452994 (2)					0	2	0
DICAMBA	100	100	SS452994 (1)	100	SS452994 (1)	150 :Y	SS453094 (1)	150 :Y	SS453094 (1)	1	2	100
DICHLORPROP	100	100	SS453094 (1)	100	SS453094 (1)	10 J:Y	SS452994 (1)	10 J:Y	SS452994 (1)	1	2	30
MCPA	**********	100000	SS452994 (1)	100000	SS452994 (1)	1100 J:Y	SS453094 (1)	1100 J:Y	SS453094 (1)	1	2	25550
MCPP	**********	100000	SS452994 (2)	100000	SS452994 (2)					0	2	0
PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-	100	100	SS452994 (2)	100	SS452994 (2)					0	2	0
PROPANOIC ACID, 2-(2,4,5-TRICHLOROPHENOX	100	100	SS452994 (2)	100	SS452994 (2)					0	2	0
Test Group:METADD Units:MG/KG												
CESIUM	1000	**	**	**	**	4.3 B:V	SS453094 (1)	6.1 B:V	SS452994 (1)	2	2	5.2
LITHIUM	100	**	**	**	**	4.6 B:V	SS452994 (1)	8.3 B:V	SS453094 (1)	2	2	6.45
MOLYBDENUM	200	0.63	SS453094 (1)	1.4	SS452994 (1)					0	2	0
STRONTIUM	200	**	**	**	**	17.4 B:V	SS452994 (1)	26.3 B:V	SS453094 (1)	2	2	21.85
TIN	200	2.1	SS453094 (1)	7.2	SS452994 (1)					0	2	0
Test Group:PESTCLP Units: µg/kg												
4,4'-DDD	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
4,4'-DDE	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
4,4'-DDT	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
ALDRIN	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
AROCLOR-1016	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
AROCLOR-1221	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
AROCLOR-1232	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
AROCLOR-1242	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
AROCLOR-1248	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
AROCLOR-1254	160	170	SS453094 (1)	220	SS452994 (1)					0	2	0
AROCLOR-1260	160	170	SS453094 (1)	220	SS452994 (1)					0	2	0
DI-BUTYLCHLORENDATE	0	**	**	**	**	89 :Y	SS452994 (1)	98 :Y	SS453094 (1)	2	2	93.5
DIELDRIN	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
ENDOSULFAN I	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
ENDOSULFAN II	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
ENDOSULFAN SULFATE	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
ENDRIN	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
ENDRIN KETONE	16	17	SS453094 (1)	22	SS452994 (1)					0	2	0
HEPTACHLOR	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
HEPTACHLOR EPOXIDE	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
METHOXYCHLOR	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
TOXAPHENE	160	170	SS453094 (1)	220	SS452994 (1)					0	2	0
alpha-BHC	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
alpha-CHLORDANE	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
beta-BHC	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
delta-BHC	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
gamma-BHC (LINDANE)	8	8.4	SS453094 (1)	11	SS452994 (1)					0	2	0
gamma-CHLORDANE	80	84	SS453094 (1)	110	SS452994 (1)					0	2	0
Test Group:SMETCLP Units: mg/kg												

TABLE B-11
Surface Soil Data Summary - All Results**
OU14 - IHSS 162

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/kg												
ALUMINUM	200	**	**	**	**	4540 :V	SS452994 (1)	10900 :V	SS453094 (1)	2	2	7720
ANTIMONY	60	2.3	SS452994 (1)	2.4	SS453094 (1)					0	2	0
ARSENIC	10	**	**	**	**	4.4 :V	SS452994 (2)	4.4 :V	SS452994 (2)	2	2	4.4
BARIUM	200	**	**	**	**	49.3 :V	SS452994 (1)	94.7 :V	SS453094 (1)	2	2	72
BERYLLIUM	5	**	**	**	**	.37 B:V	SS452994 (1)	1 :VV	SS453094 (1)	2	2	0.685
CADMIUM	5	0.29	SS452994 (1)	0.29	SS452994 (1)	2.8 :J	SS453094 (1)	2.8 :J	SS453094 (1)	1	2	1.4725
CALCIUM	5000	**	**	**	**	4030 :V	SS452994 (1)	9290 :V	SS453094 (1)	2	2	6660
CHROMIUM	10	**	**	**	**	8.2 :V	SS452994 (1)	13.5 :V	SS453094 (1)	2	2	10.85
COBALT	50	**	**	**	**	3.3 B:V	SS452994 (1)	6.3 B:V	SS453094 (1)	2	2	4.8
COPPER	25	**	**	**	**	15.9 :V	SS452994 (1)	27.4 :V	SS453094 (1)	2	2	21.65
IRON	100	**	**	**	**	7630 :V	SS452994 (1)	13100 :V	SS453094 (1)	2	2	10365
LEAD	3	**	**	**	**	10.4 :V	SS452994 (1)	20.5 :V	SS453094 (1)	2	2	15.45
MAGNESIUM	5000	**	**	**	**	1190 :V	SS452994 (1)	2420 :V	SS453094 (1)	2	2	1805
MANGANESE	15	**	**	**	**	96.5 :V	SS452994 (1)	193 :V	SS453094 (1)	2	2	144.75
MERCURY	0.2	0.05	SS452994 (2)	0.05	SS452994 (2)					0	2	0
NICKEL	40	**	**	**	**	5.8 B:V	SS452994 (1)	12.1 :V	SS453094 (1)	2	2	8.95
POTASSIUM	5000	**	**	**	**	982 B:V	SS452994 (1)	1700 :V	SS453094 (1)	2	2	1341
SELENIUM	5	0.61	SS453094 (1)	0.62	SS452994 (1)					0	2	0
SILVER	10	0.97	SS453094 (1)	1.7	SS452994 (1)					0	2	0
SODIUM	5000	68.6	SS452994 (1)	92.6	SS453094 (1)					0	2	0
THALLIUM	10	0.35	SS452994 (1)	0.36	SS453094 (1)					0	2	0
VANADIUM	50	**	**	**	**	17 :V	SS452994 (1)	27.6 :V	SS453094 (1)	2	2	22.3
ZINC	20	**	**	**	**	41.6 I:J	SS452994 (1)	163 I:J	SS453094 (1)	2	2	102.3
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.007	**	**	**	**	.001(.005) U:Y	SS452394 (1)	.26(.03) :Y	SS454194 (1)	24	24	0.0373
GROSS ALPHA	3	**	**	**	**	8.9(2.4) :Y	SS453394 (1)	23(3.8) :Y	SS452794 (1)	24	24	15.75
GROSS BETA	5	**	**	**	**	17(3.4) :Y	SS452694 (1)	35(3.7) :Y	SS454194 (2)	24	24	30.125
PLUTONIUM-239/240	0.006	**	**	**	**	-.002(.005) U:Y	SS452394 (1)	1.5(.061) :Y	SS454194 (1)	24	24	0.1957
URANIUM-233,-234	0.1	**	**	**	**	.49(.21) :Y	SS453194 (1)	1.3(.26) :Y	SS453694 (1)	24	24	0.8696
URANIUM-235	0.08	**	**	**	**	-.006(.026) U:Y	SS454194 (1)	.11(.059) J:Y	SS452294 (1)	24	24	0.0397
URANIUM-238	0.08	**	**	**	**	.52(.21) :Y	SS453194 (1)	1.4(.26) :Y	SS453694 (1)	24	24	0.8958
Test Group:VOACLP Units: µg/kg												
1,1,1-TRICHLOROETHANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
1,1,2,2-TETRACHLOROETHANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
1,1,2-TRICHLOROETHANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
1,1-DICHLOROETHANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
1,1-DICHLOROETHENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
1,2-DICHLOROETHANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
1,2-DICHLOROETHENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
1,2-DICHLOROPROPANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
2-BUTANONE	10	11	SS453094 (1)	11	SS453094 (1)	5 J:Y	SS452994 (1)	5 J:Y	SS452994 (1)	1	2	5.25
2-HEXANONE	10	11	SS453094 (1)	14	SS452994 (1)					0	2	0
4-METHYL-2-PENTANONE	10	11	SS453094 (1)	14	SS452994 (1)					0	2	0
ACETONE	10	**	**	**	**	74 B:Y	SS453094 (1)	100 B:Y	SS452994 (1)	2	2	87
BENZENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
BROMODICHLOROMETHANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
BROMOFORM	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
BROMOMETHANE	10	11	SS453094 (1)	14	SS452994 (1)					0	2	0
CARBON DISULFIDE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
CARBON TETRACHLORIDE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
CHLOROBENZENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
CHLOROETHANE	10	11	SS453094 (1)	14	SS452994 (1)					0	2	0
CHLOROFORM	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
CHLOROMETHANE	10	11	SS453094 (1)	14	SS452994 (1)					0	2	0
DIBROMOCHLOROMETHANE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
ETHYLBENZENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
METHYLENE CHLORIDE	5	**	**	**	**	31 B:Y	SS453094 (1)	45 B:Y	SS452994 (1)	2	2	38
STYRENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
TETRACHLOROETHENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0

TABLE B-11
Surface Soil Data Summary - All Results***
OU14 - IHSS 162

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/kg												
TOLUENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
TOTAL XYLENES	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
TRICHLOROETHENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
VINYL ACETATE	10	11	SS453094 (1)	14	SS452994 (1)					0	2	0
VINYL CHLORIDE	10	11	SS453094 (1)	14	SS452994 (1)					0	2	0
cis-1,3-DICHLOROPROPENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
trans-1,3-DICHLOROPROPENE	5	5	SS453094 (1)	7	SS452994 (1)					0	2	0
Test Group:WQPL Units: pH												
pH	0.01	**	**	**	**	8.15 :V	SS453094 (1)	8.82 :V	SS452994 (1)	2	2	8.485

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
NACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
RB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
ETADD = Additional Metals
mg/kg = milligram per kilogram
ESTCLP = EPA Pesticide/PCB
ETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
OACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

TABLE B-12
Surface Soil TIC Results*
OU14 - IHSS 162

Sample Location:	SS452994	SS453094
Sample Identification Number:	SSG2424JE	SSG2425JE
Date Sampled:	1-Dec-94	1-Dec-94
Test Group:BNACLP Units: µg/kg		
TIC-Aldol Condensation	14000 BJ:Y	9700 BJ:Y
TIC-Unknown Alkane-1		110 J:Y
TIC-Unknown Alkane-2		120 J:Y
TIC-Unknown Alkane-3		470 J:Y
TIC-Unknown C14H802		120 J:Y
TIC-Unknown C17H12		74 J:Y
TIC-Unknown C20H12	170 J:Y	
TIC-Unknown C20H12-1		110 J:Y
TIC-Unknown C20H12-2		910 J:Y
TIC-Unknown-1	470 J:Y	380 J:Y
TIC-Unknown-2	120 J:Y	75 J:Y
TIC-Unknown-3		78 J:Y
TIC-Unknown-4		320 J:Y
TIC-Unknown-5		230 J:Y
Test Group:VOACLP Units: µg/kg		
Cyclohexane (DOT)	27 J:Y	20 J:Y
Hexane		10 J:Y

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TIC = tentatively identified compound
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organics
Y = Validation Qualifier: in the process of being validated
Z = Validation Qualifier: validation not requested or performed
? = Data has not been through the validation process
µg/kg = microgram per kilogram
* = Based on March 17, 1995,data extraction from RFEDS

TABLE B-13
Surface Soil Results*
OU14 - IHSS 164.1

Sample Location:	SS454694	SS454794	SS454894	SS454994	SS455094	SS455194	SS455294	SS455394	SS455494	SS455594	SS455694	SS455794	SS455894	SS455994	SS456094
Sample Identification Number:	SSG2441JE	SSG2442JE	SSG2443JE	SSG2444JE	SSG2445JE	SSG2446JE	SSG2447JE	SSG2448JE	SSG2449JE	SSG2450JE	SSG2451JE	SSG2452JE	SSG2453JE	SSG2454JE	SSG2455JE
Date Sampled:	31-Oct-94	31-Oct-94	31-Oct-94	7-Nov-94	31-Oct-94	31-Oct-94	3-Nov-94	3-Nov-94	31-Oct-94	7-Nov-94	7-Nov-94	7-Nov-94	27-Oct-94	27-Oct-94	27-Oct-94
Test Group:TRADS Units: pCi/g															
AMERICIUM-241	.006(.008) U:Y	.003(.006) U:Y	-.002(.003) U:Y	-.005(.017) U:Y	.003(.006) U:Y	.003(.006) U:Y	.016(.011) J:Y	.004(.006) U:Y	.012(.01) J:Y	.002(.003) U:Y	.001(.002) U:Y	.007(.011) U:Y	.003(.005) U:Y	.011(.007) J:Y	(.004) U:Y
GROSS ALPHA	17(1.7) :Y	13(1.2) :Y	20(4.4) :Y	16(3.3) :Y	12(2.9) :Y	13(3) :Y	17(3.1) :Y	12(2.5) :Y	14(3) :Y	14(3.3) :Y	36(4.7) :Y	18(3.3) :Y	11(2.6) :Y	12(2.7) :Y	16(3.6) :Y
GROSS BETA	26(1.5) :Y	23(1.4) :Y	35(3.6) :Y	26(3.4) :Y	28(3.3) :Y	25(3.4) :Y	31(3.5) :Y	20(3.1) :Y	22(3.5) :Y	33(3.5) :Y	34(3.7) :Y	30(3.4) :Y	29(3.3) :Y	34(3.6) :Y	26(3.4) :Y
PLUTONIUM-239/240	.012(.005) BJ:Y	.028(.011) J:Y	.037(.016) :Y	-.001(.004) U:Y	.027(.011) J:Y	.016(.012) U:Y	.076(.018) :Y	(.002) U:Y	.005(.008) U:Y	.011(.007) J:Y	.002(.004) U:Y	(.002) U:Y	.035(.011) :Y	.04(.01) :Y	.008(.006) U:Y
URANIUM-233,-234	.67(.16) :Y	.9(.19) :Y	.82(.19) :Y	.54(.12) :Y	1.2(.24) :Y	.8(.22) :Y	.67(.24) :Y	1(.13) :Y	.92(.22) :Y	.67(.14) :Y	.76(.16) :Y	1.1(.17) :Y	.55(.17) :Y	.73(.19) :Y	.85(.19) :Y
URANIUM-235	.045(.036) U:Y	.032(.043) U:Y	.023(.047) U:Y	.03(.031) U:Y	.085(.073) U:Y	.056(.056) U:Y	(.039) U:Y	.046(.025) J:Y	.082(.055) U:Y	.04(.032) U:Y	.048(.032) U:Y	.051(.044) U:Y	.042(.056) U:Y	.024(.024) U:Y	.032(.042) U:Y
URANIUM-238	.68(.16) :Y	.68(.17) :Y	.99(.21) :Y	.67(.13) :Y	1.1(.24) :Y	.65(.17) :Y	.65(.21) :Y	.88(.12) :Y	.94(.22) :Y	.59(.14) :Y	.91(.17) :Y	1(.17) :Y	.51(.17) :Y	.83(.19) :Y	1.1(.21) :Y

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

TABLE B-14
Surface Soil Data Summary - All Results***
OU14 - IHSS 164.1

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.01	**	**	**	**	-.005(.017) U:Y	SS454994 (1)	.016(.011) J:Y	SS455294 (1)	15	15	0.0043
GROSS ALPHA	3	**	**	**	**	11(2.6) :Y	SS455894 (1)	36(4.7) :Y	SS455694 (1)	15	15	16.0667
GROSS BETA	4	**	**	**	**	20(3.1) :Y	SS455394 (1)	35(3.6) :Y	SS454894 (1)	15	15	28.1333
PLUTONIUM-239/240	0.009	**	**	**	**	-.001(.004) U:Y	SS454994 (1)	.076(.018) :Y	SS455294 (1)	15	15	0.0197
URANIUM-233,-234	0.1	**	**	**	**	.54(.12) :Y	SS454994 (1)	1.2(.24) :Y	SS455094 (1)	15	15	0.812
URANIUM-235	0.08	**	**	**	**	(.039) U:Y:Y	SS455294 (1)	.085(.073) U:Y	SS455094 (1)	15	15	0.0424
URANIUM-238	0.07	**	**	**	**	.51(.17) :Y	SS455894 (1)	1.1(.24) :Y	SS455094 (2)	15	15	0.812

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

No TIC
Results Were Reported for
IHSS 164.1

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS456194	SS456394	SS456494	SS456594	SS456694	SS456794	SS456794	SS456894	SS456994	SS457094	SS457194	SS457194	SS457294
Sample Identification Number:	SSG2456JE	SSG2458JE	SSG2459JE	SSG2460JE	SSG2461JE	SSG2462JE	SSG2634JE	SSG2463JE	SSG2464JE	SSG2465JE	SSG2466JE	SSG2638JE	SSG2467JE
Date Sampled:	25-Oct-94	19-Oct-94	19-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	25-Oct-94	10-Oct-94	19-Oct-94	10-Oct-94
Test Group:BNACLP Units: µg/kg													
1,2,4-TRICHLOROBENZENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
1,2-DICHLOROBENZENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
1,3-DICHLOROBENZENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
1,4-DICHLOROBENZENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2,4,5-TRICHLOROPHENOL	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
2,4,6-TRICHLOROPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2,4-DICHLOROPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2,4-DIMETHYLPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2,4-DINITROPHENOL	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
2,4-DINITROTOLUENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2,6-DINITROTOLUENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2-CHLORONAPHTHALENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2-CHLOROPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2-METHYLNAPHTHALENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2-METHYLPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
2-NITROANILINE	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
2-NITROPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
3,3'-DICHLOROBENZIDINE	< 720 :Y	< 730 :Y	< 730 :Y	< 730 :Y	< 720 :Y	< 710 :Y	< 720 :Y	< 700 :Y	< 670 :V	< 690 :Y	NA	< 710 :Y	NA
3-NITROANILINE	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
4,6-DINITRO-2-METHYLPHENOL	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
4-CHLORO-3-METHYLPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
4-CHLOROANILINE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
4-CHLOROPHENYL PHENYL ETHER	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
4-METHYLPHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
4-NITROANILINE	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
4-NITROPHENOL	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
ACENAPHTHENE	< 360 :Y	< 370 :Y	< 370 :Y	110 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
ACENAPHTHYLENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
ANTHRACENE	< 360 :Y	< 370 :Y	< 370 :Y	210 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
BENZO(a)ANTHRACENE	< 360 :Y	67 J:Y	51 J:Y	270 J:Y	50 J:Y	73 J:Y	74 J:Y	60 J:Y	57 J:A	< 350 :Y	NA	< 350 :Y	NA
BENZO(a)PYRENE	< 360 :Y	90 J:Y	60 J:Y	250 J:Y	59 J:Y	100 J:Y	93 J:Y	81 J:Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
BENZO(b)FLUORANTHENE	< 360 :Y	140 J:Y	93 J:Y	330 J:Y	88 J:Y	140 J:Y	130 J:Y	110 J:Y	90 J:A	< 350 :Y	NA	< 350 :Y	NA
BENZO(ghi)PERYLENE	< 360 :Y	< 370 :Y	< 370 :Y	97 J:Y	< 360 :Y	75 J:Y	57 J:Y	41 J:Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
BENZO(k)FLUORANTHENE	< 360 :Y	56 J:Y	40 J:Y	120 J:Y	< 360 :Y	49 J:Y	50 J:Y	< 350 :Y	37 J:A	< 350 :Y	NA	< 350 :Y	NA
BENZOIC ACID	< 1700 :Y	< 1800 :Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
BENZYL ALCOHOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
BIS(2-CHLOROETHOXY)METHANE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
BIS(2-CHLOROETHYL)ETHER	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
BIS(2-CHLOROISOPROPYL)ETHER	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
BIS(2-ETHYLHEXYL)PHTHALATE	< 360 :Y	97 J:Y	69 J:Y	140 J:Y	77 J:Y	320 J:Y	110 J:Y	190 J:Y	< 340 :J	< 350 :Y	NA	< 350 :Y	NA
BUTYL BENZYL PHTHALATE	40 BJ:Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :J	< 350 :Y	NA	< 350 :Y	NA
CARBAZOLE	NA	NA	NA	86 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	< 360 :Y	84 J:Y	65 J:Y	280 J:Y	61 J:Y	97 J:Y	93 J:Y	75 J:Y	64 J:A	< 350 :Y	NA	< 350 :Y	NA
DI-n-BUTYL PHTHALATE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
DI-n-OCTYL PHTHALATE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	63 J:Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
DIBENZO(a,h)ANTHRACENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
DIBENZOFURAN	< 360 :Y	< 370 :Y	< 370 :Y	41 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
DIETHYL PHTHALATE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
DIMETHYL PHTHALATE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
FLUORANTHENE	< 360 :Y	150 J:Y	130 J:Y	740 :Y	150 J:Y	200 J:Y	200 J:Y	160 J:Y	150 J:A	< 350 :Y	NA	< 350 :Y	NA
FLUORENE	< 360 :Y	< 370 :Y	< 370 :Y	100 J:Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
HEXACHLOROBENZENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
HEXACHLOROBUTADIENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
HEXACHLOROCYCLOPENTADIENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
HEXACHLOROETHANE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS456194	SS456394	SS456494	SS456594	SS456694	SS456794	SS456794	SS456894	SS456994	SS457094	SS457194	SS457194	SS457294
Sample Identification Number:	SSG2456JE	SSG2458JE	SSG2459JE	SSG2460JE	SSG2461JE	SSG2462JE	SSG2634JE	SSG2463JE	SSG2464JE	SSG2465JE	SSG2466JE	SSG2638JE	SSG2467JE
Date Sampled:	25-Oct-94	19-Oct-94	19-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	25-Oct-94	10-Oct-94	19-Oct-94	10-Oct-94
INDENO(1,2,3-cd)PYRENE	< 360 :Y	< 370 :Y	< 370 :Y	110 J:Y	37 J:Y	77 J:Y	62 J:Y	47 J:Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
ISOPHORONE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
N-NITROSO-DI-n-PROPYLAMINE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
N-NITROSODIPHENYLAMINE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
NAPHTHALENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
NITROBENZENE	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
PENTACHLOROPHENOL	< 1700 :Y	210 J:Y	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1700 :Y	< 1600 :V	< 1700 :Y	NA	< 1700 :Y	NA
PHENANTHRENE	< 360 :Y	98 J:Y	81 J:Y	650 :Y	78 J:Y	110 J:Y	110 J:Y	85 J:Y	83 J:A	< 350 :Y	NA	< 350 :Y	NA
PHENOL	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
PYRENE	< 360 :Y	180 J:Y	120 J:Y	510 :Y	110 J:Y	150 J:Y	150 J:Y	120 J:Y	68 J:A	< 350 :Y	NA	< 350 :Y	NA
p-BROMODIPHENYL ETHER	< 360 :Y	< 370 :Y	< 370 :Y	< 370 :Y	< 360 :Y	< 360 :Y	< 360 :Y	< 350 :Y	< 340 :V	< 350 :Y	NA	< 350 :Y	NA
Test Group:METADD Units: mg/kg													
CESIUM	< 8.8 :J	< 6.6 :J	< 8.8 :J	< 11.4 :J	< 8.9 :J	< 15.1 :J	< 12.9 :J	< 5.9 :J	< 12.2 :J	< 6.2 :J	< 4.1 :J	NA	< 6.4 :J
LITHIUM	6.9 B:V	7.4 B:V	7.7 B:V	14.3 B:V	6.4 B:V	5.2 B:V	5.2 B:V	4.7 B:V	6 B:V	6.9 B:V	8.3 B:V	NA	6.4 B:V
MOLYBDENUM	< 1.2 :J	< 1.4 :J	< .88 :J	< .96 :J	< 1.6 :J	< 1.4 :J	< 1.3 :J	< 1.7 :J	< 2.3 :J	< 1.5 :J	< 1.6 :J	NA	< 1.8 :J
STRONTIUM	37.1 B:V	59.3 :V	94.9 :V	157 :V	69.1 :V	24.7 :V	25.3 B:V	28.7 B:V	21.9 B:V	17.2 B:V	14.6 B:V	NA	34.5 B:V
TIN	< 2.2 :V	< 2.2 :V	< 2.2 :J	< 2.3 :J	< 2.2 :V	< 2.1 :V	< 2.1 :V	< 2 :V	< 2 :V	< 2 :V	< 2 :V	NA	< 2.1 :V
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	5720 :V	5530 :V	6340 :V	8520 :V	5370 :V	5080 :V	4790 :V	4220 :V	5240 :V	4550 :V	6330 :V	NA	5170 :V
ANTIMONY	< 2.5 :J	< 2.5 :J	< 2.5 :J	< 2.5 :R	< 2.5 :R	< 2.4 :R	< 2.4 :R	< 2.2 :R	< 2.3 :R	< 2.3 :J	< 2.3 :J	NA	< 2.4 :J
ARSENIC	2.2 :V	3.9 :V	4 :J	4.4 :V	2.9 :V	2.3 :V	1.6 B:V	2 :V	1.7 B:J	2.3 :V	2.7 :V	NA	3.5 :V
BARIUM	70 :V	88.6 :V	87.3 :V	130 :V	74.1 :V	53.6 :V	43.7 :V	43.8 :V	52.8 :V	54.1 :V	64.8 :V	NA	60.2 :V
BERYLLIUM	< .3 :J	.29 B:V	.34 B:V	.43 B:V	.33 B:V	.48 B:V	.54 B:V	.26 B:V	.38 B:V	< .19 :J	.27 B:V	NA	.29 B:V
CADMIUM	< .31 :V	.31 B:V	.34 B:V	< .32 :V	< .31 :V	< .3 :V	< .3 :V	< .28 :V	< .28 :V	< .29 :V	< .29 :V	NA	< .3 :V
CALCIUM	17500 :V	32700 :V	62900 :V	65800 :V	28100 :V	14700 :V	20100 :V	15300 :V	15500 :V	4490 :V	3930 :V	NA	14500 :V
CHROMIUM	9.2 :V	8.2 :V	7.6 :J	9.6 :J	8.2 :V	6.5 :V	6.6 :V	6.5 :V	8.3 :J	8.2 :V	10.5 :V	NA	10.1 :V
COBALT	5.7 B:V	3.7 B:V	3.6 B:V	5.3 B:V	3.8 B:V	6.4 B:V	6 B:V	3.4 B:V	5.8 B:V	10.9 :V	4.9 B:V	NA	8.2 B:V
COPPER	15.3 :J	17 :V	11.9 :J	14.2 :J	16.6 :V	50.5 :V	27.8 :V	17.2 :V	32.3 :V	21.3 :V	13.5 :V	NA	22.6 :V
IRON	9080 :V	8830 :V	8560 :V	11000 :V	9080 :V	18200 :V	17900 :V	10800 :V	16500 :V	9660 :V	10100 :V	NA	10100 :V
LEAD	10.1 :V	19.4 :V	16 :J	14.1 :V	14.2 :V	11.9 :V	9.3 :V	8.2 :V	11.4 :J	6.4 :V	8.4 :V	NA	6.8 :V
MAGNESIUM	2320 :V	2360 :V	2830 :V	4690 :V	3170 :V	5560 :V	6040 :V	3630 :V	6240 :V	2110 :V	2380 :V	NA	2070 :V
MANGANESE	175 :V	153 :J	159 :J	216 :J	181 :J	582 :J	633 :J	284 :J	535 :V	176 :V	163 :V	NA	152 :V
MERCURY	.068 B:V	< .05 :V	< .05 :V	.48 B:J	< .069 :J	< .064 :J	< .071 :J	< .059 :J	< .05 :V	< .054 :V	< .05 :V	NA	< .05 :V
NICKEL	6.7 B:V	7.8 B:V	8.2 B:J	8.5 B:V	5.7 B:V	3.6 B:V	3.7 B:V	3.6 B:V	4.2 B:V	6.6 B:V	7.3 B:V	NA	8.3 B:V
POTASSIUM	1720 :V	1480 :V	1360 :V	1800 :V	1590 :V	2760 :V	2800 :V	1880 :V	2460 :V	1320 :V	1880 :V	NA	1770 :V
SELENIUM	< .55 :V	< .55 :V	< .55 :V	< .57 :J	< .55 :V	< .54 :V	< .54 :V	< .5 :V	< .51 :V	< .51 :V	< .51 :V	NA	< .54 :V
SILVER	< .53 :J	< .53 :V	< .53 :V	< .55 :V	.75 B:J	1.7 B:J	1.6 B:J	1.3 B:J	1.5 B:J	< 1.7 :J	.87 B:J	NA	.89 B:J
SODIUM	479 B:V	59.5 B:V	60.4 B:J	125 B:J	120 B:V	292 B:V	171 B:V	142 B:V	139 B:V	111 B:V	167 B:V	NA	145 B:V
THALLIUM	< .37 :J	< .37 :V	< .38 :V	< .39 :J	< .38 :V	< .37 :V	< .36 :V	< .34 :V	< .35 :V	< .35 :J	< .35 :V	NA	< .36 :V
VANADIUM	17.9 :V	17 :V	19.1 :V	23.4 :V	18.1 :V	20.9 :V	19.2 :V	14.9 :V	20.2 :V	15.3 :V	17.9 :V	NA	16.9 :V
ZINC	44.7 :V	203 :J	368 :J	72.1 I:J	49 I:J	69.5 I:J	70 I:J	38.7 I:J	65 :V	27.8 :V	29.1 :V	NA	31.2 :V
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	.003(.005) U:Y	.029(.01) :Y	.019(.008) J:Y	.011(.007) J:Y	.021(.007) :Y	.013(.008) J:Y	.004(.007) U:Y	.017(.006) J:Y	.003(.008) U:Y	(.006) U:Y	.002(.006) U:Y	NA	.004(.008) U:Y
GROSS ALPHA	31(4.9) :Y	23(4) :Y	12(3.4) :Y	17(3.8) :Y	13(3.6) :Y	9.2(2.9) :Y	12(1.5) :Y	15(3.6) :Y	10(3.1) :Y	24(4.1) :Y	18(3.6) :Y	NA	18(3.5) :Y
GROSS BETA	36(3.7) :Y	30(3.5) :Y	29(3.4) :Y	25(3.4) :Y	27(3.5) :Y	22(3.4) :Y	25(1.4) :Y	17(3.4) :Y	27(3.8) :Y	36(3.9) :Y	38(3.8) :Y	NA	29(3.4) :Y
PLUTONIUM-239/240	.034(.011) :Y	.041(.01) :Y	.057(.012) :Y	.015(.005) J:Y	.022(.006) J:Y	.021(.012) J:Y	.028(.013) J:Y	.027(.008) J:Y	.017(.007) J:Y	-.001(.002) U:Y	.002(.004) U:Y	NA	.005(.004) J:Y
URANIUM-233,-234	1.1(.23) :Y	.76(.13) :Y	.96(.15) :Y	.94(.23) :Y	.73(.19) :Y	.68(.15) :Y	.79(.17) :Y	1.1(.26) :Y	.55(.14) :Y	.71(.2) :Y	.64(.21) :Y	NA	.81(.21) :Y
URANIUM-235	.15(.078) J:Y	.02(.034) U:Y	.036(.036) U:Y	.058(.058) U:Y	.04(.054) U:Y	.06(.045) J:Y	.029(.039) U:Y	(.028) U:Y	.029(.039) U:Y	.039(.052) U:Y	.067(.068) U:Y	NA	(.03) U:Y
URANIUM-238	.97(.23) :Y	.76(.13) :Y	.71(.13) :Y	.61(.18) :Y	.66(.19) :Y	.75(.15) :Y	.84(.17) :Y	.79(.2) :Y	.61(.15) :Y	.99(.23) :Y	.53(.18) :Y	NA	.72(.21) :Y
Test Group:VOACLP Units: µg/kg													
1,1,1-TRICHLOROETHANE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
1,1,2,2-TETRACHLOROETHANE	< 5 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
1,1,2-TRICHLOROETHANE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
1,1-DICHLOROETHANE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
1,1-DICHLOROETHENE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
1,2-DICHLOROETHANE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS456194	SS456394	SS456494	SS456594	SS456694	SS456794	SS456794	SS456894	SS456994	SS457094	SS457194	SS457194	SS457294
Sample Identification Number:	SSG2456JE	SSG2458JE	SSG2459JE	SSG2460JE	SSG2461JE	SSG2462JE	SSG2634JE	SSG2463JE	SSG2464JE	SSG2465JE	SSG2466JE	SSG2638JE	SSG2467JE
Date Sampled:	25-Oct-94	19-Oct-94	19-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	25-Oct-94	10-Oct-94	19-Oct-94	10-Oct-94
1,2-DICHLOROETHENE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
1,2-DICHLOROPROPANE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
2-BUTANONE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
2-HEXANONE	< 11 :V	< 11 :J	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
4-METHYL-2-PENTANONE	< 11 :V	< 11 :J	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
ACETONE	< 29 :J	< 83 :J	< 64 :J	< 110 :J	< 87 :J	< 42 :J	< 69 :J	< 28 :J	< 79 :J	< 110 :J	NA	< 41 :J	NA
BENZENE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
BROMODICHLOROMETHANE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
BROMOFORM	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
BROMOMETHANE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
CARBON DISULFIDE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
CARBON TETRACHLORIDE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
CHLOROBENZENE	< 5 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
CHLOROETHANE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
CHLOROFORM	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
CHLOROMETHANE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
DIBROMOCHLOROMETHANE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
ETHYLBENZENE	< 5 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
METHYLENE CHLORIDE	< 5 :J	5 J:A	5 J:A	3 J:A	< 5 :V	< 5 :V	< 5 :V	2 J:A	< 5 :J	20 :V	NA	< 5 :V	NA
STYRENE	< 5 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
TETRACHLOROETHENE	< 5 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
TOLUENE	< 5 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
TOTAL XYLENES	< 5 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
TRICHLOROETHENE	2 J:A	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
VINYL ACETATE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
VINYL CHLORIDE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	NA	< 11 :V	NA
cis-1,3-DICHLOROPROPENE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA
trans-1,3-DICHLOROPROPENE	< 5 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	NA	< 5 :V	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS457294	SS457394	SS457494	SS457594	SS457694	SS457794	SS457894	SS457894	SS457994	SS458094	SS458194	SS458294	SS458394	SS458494
Sample Identification Number:	SSG2639JE	SSG2468JE	SSG2469JE	SSG2470JE	SSG2471JE	SSG2472JE	SSG2473JE	SSG2644JE	SSG2474JE	SSG2475JE	SSG2476JE	SSG2477JE	SSG2478JE	SSG2479JE
Date Sampled:	19-Oct-94	11-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	24-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94
Test Group:BNACLP Units: µg/kg														
1,2,4-TRICHLOROBENZENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
1,2-DICHLOROBENZENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
1,3-DICHLOROBENZENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
1,4-DICHLOROBENZENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2,4,5-TRICHLOROPHENOL	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
2,4,6-TRICHLOROPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2,4-DICHLOROPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2,4-DIMETHYLPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2,4-DINITROPHENOL	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
2,4-DINITROTOLUENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2,6-DINITROTOLUENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2-CHLORONAPHTHALENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2-CHLOROPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2-METHYLNAPHTHALENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2-METHYLPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
2-NITROANILINE	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
2-NITROPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
3,3'-DICHLOROBENZIDINE	< 730 :Y	< 740 :V	< 740 :Y	< 730 :Y	< 720 :Y	< 700 :V	< 710 :Y	< 710 :Y	< 760 :Y	< 670 :V	< 680 :Y	< 760 :Y	< 670 :V	< 690 :Y
3-NITROANILINE	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
4,6-DINITRO-2-METHYLPHENOL	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
4-CHLORO-3-METHYLPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
4-CHLOROANILINE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
4-CHLOROPHENYL PHENYL ETHER	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
4-METHYLPHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
4-NITROANILINE	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
4-NITROPHENOL	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
ACENAPHTHENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
ACENAPHTHYLENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
ANTHRACENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	52 J:Y	< 330 :V	< 350 :Y
BENZO(a)ANTHRACENE	< 370 :Y	< 370 :J	74 J:Y	64 J:Y	60 J:Y	98 J:A	< 350 :Y	< 350 :Y	64 J:Y	46 J:A	< 340 :Y	120 J:Y	50 J:A	< 350 :Y
BENZO(a)PYRENE	< 370 :Y	< 370 :J	92 J:Y	91 J:Y	76 J:Y	< 350 :V	< 350 :Y	< 350 :Y	68 J:Y	42 J:A	< 340 :Y	140 J:Y	< 330 :V	< 350 :Y
BENZO(b)FLUORANTHENE	< 370 :Y	< 370 :J	130 J:Y	140 J:Y	110 J:Y	150 J:A	< 350 :Y	< 350 :Y	83 J:Y	86 J:A	< 340 :Y	170 J:Y	75 J:A	< 350 :Y
BENZO(ghi)PERYLENE	< 370 :Y	< 370 :J	< 370 :Y	42 J:Y	49 J:Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	57 J:Y	< 330 :V	< 350 :Y
BENZO(k)FLUORANTHENE	< 370 :Y	< 370 :J	50 J:Y	41 J:Y	< 360 :Y	68 J:A	< 350 :Y	< 350 :Y	39 J:Y	< 340 :V	< 340 :Y	73 J:Y	< 330 :V	< 350 :Y
BENZOIC ACID	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
BENZYL ALCOHOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
BIS(2-CHLOROETHOXY)METHANE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
BIS(2-CHLOROETHYL)ETHER	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
BIS(2-CHLOROISOPROPYL)ETHER	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
BIS(2-ETHYLHEXYL)PHTHALATE	< 370 :Y	130 J:A	180 J:Y	68 J:Y	82 J:Y	< 350 :J	< 350 :Y	< 350 :Y	72 J:Y	< 340 :J	< 340 :Y	150 J:Y	900 B:V	< 350 :Y
BUTYL BENZYL PHTHALATE	< 370 :Y	< 370 :J	120 J:Y	< 370 :Y	< 360 :Y	< 350 :J	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :J	< 340 :Y	< 380 :Y	< 330 :J	< 350 :Y
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	< 370 :Y	< 370 :J	89 J:Y	92 J:Y	76 J:Y	110 J:A	< 350 :Y	< 350 :Y	77 J:Y	60 J:A	< 340 :Y	150 J:Y	55 J:A	< 350 :Y
DI-n-BUTYL PHTHALATE	< 370 :Y	41 J:A	< 370 :Y	< 370 :Y	< 360 :Y	50 J:A	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	72 J:A	< 350 :Y
DI-n-OCTYL PHTHALATE	< 370 :Y	< 370 :J	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	43 J:A	< 350 :Y
DIBENZO(a,h)ANTHRACENE	< 370 :Y	< 370 :J	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
DIBENZOFURAN	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
DIETHYL PHTHALATE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
DIMETHYL PHTHALATE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
FLUORANTHENE	58 J:Y	< 370 :J	180 J:Y	190 J:Y	170 J:Y	270 J:A	< 350 :Y	< 350 :Y	160 J:Y	130 J:A	< 340 :Y	330 J:Y	130 J:A	< 350 :Y
FLUORENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
HEXACHLOROBENZENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
HEXACHLOROBUTADIENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
HEXACHLOROCYCLOPENTADIENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
HEXACHLOROETHANE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS457294	SS457394	SS457494	SS457594	SS457694	SS457794	SS457894	SS457894	SS457994	SS458094	SS458194	SS458294	SS458394	SS458494
Sample Identification Number:	SSG2639JE	SSG2468JE	SSG2469JE	SSG2470JE	SSG2471JE	SSG2472JE	SSG2473JE	SSG2644JE	SSG2474JE	SSG2475JE	SSG2476JE	SSG2477JE	SSG2478JE	SSG2479JE
Date Sampled:	19-Oct-94	11-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	24-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94
INDENO(1,2,3-cd)PYRENE	< 370 :Y	< 370 :J	< 370 :Y	41 J:Y	54 J:Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
ISOPHORONE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
N-NITROSO-DI-n-PROPYLAMINE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
N-NITROSODIPHENYLAMINE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
NAPHTHALENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
NITROBENZENE	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
PENTACHLOROPHENOL	< 1800 :Y	< 1800 :V	< 1800 :Y	< 1800 :Y	< 1700 :Y	< 1700 :V	< 1700 :Y	< 1700 :Y	< 1800 :Y	< 1600 :V	< 1700 :Y	< 1900 :Y	< 1600 :V	< 1700 :Y
PHENANTHRENE	42 J:Y	< 370 :J	82 J:Y	89 J:Y	100 J:Y	170 J:A	< 350 :Y	< 350 :Y	130 J:Y	64 J:A	< 340 :Y	240 J:Y	72 J:A	< 350 :Y
PHENOL	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
PYRENE	46 J:Y	< 370 :J	160 J:Y	140 J:Y	140 J:Y	120 J:A	< 350 :Y	< 350 :Y	140 J:Y	93 J:A	< 340 :Y	280 J:Y	63 J:A	< 350 :Y
p-BROMODIPHENYL ETHER	< 370 :Y	< 370 :V	< 370 :Y	< 370 :Y	< 360 :Y	< 350 :V	< 350 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 340 :Y	< 380 :Y	< 330 :V	< 350 :Y
Test Group:METADD Units: mg/kg														
CESIUM	NA	< 8.7 :J	< 8.5 :J	< 13.1 :J	< 8.6 :J	< 8.1 :J	< 5.9 :J	< 8.4 :J	< 6.9 :J	< 9.8 :J	< 8.2 :J	< 8.9 :J	< 9.9 :J	< 8.5 :J
LITHIUM	NA	9.9 B:V	6.7 B:V	6.7 B:V	6.3 B:V	7.5 B:V	7.3 B:V	7.1 B:V	8.2 B:V	7.4 B:V	7.5 B:V	9.8 B:V	7.7 B:V	8.1 B:V
MOLYBDENUM	NA	< .52 :V	< 1.4 :J	< 1.6 :J	< 1.3 :J	< 2 :J	< 1.7 :J	< 1.3 :J	< 1.5 :J	< 2.6 :J	< 2.1 :J	< 1.3 :J	< 2.1 :J	< 2.8 :J
STRONTIUM	NA	102 :V	25.3 B:V	34.7 B:V	21.2 B:V	56.4 :V	10 B:V	9.7 B:V	84.5 :V	25.4 B:V	10.4 B:V	77.3 :V	33.2 B:V	9.9 B:V
TIN	NA	< 2.2 :V	7.3 B:V	< 2.2 :V	< 2.1 :V	< 2 :V	< 2 :V	< 2.1 :V	< 2.3 :V	< 1.9 :J	< 2 :V	< 2.2 :V	< 2 :V	< 2.1 :V
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	NA	5970 :V	4750 :V	5740 :V	5370 :V	7510 :V	4750 :V	4680 :V	7650 :V	6540 :V	5530 :V	8980 :V	6650 :V	5080 :V
ANTIMONY	NA	< 3.2 :J	< 2.4 :R	< 2.4 :R	< 2.4 :R	< 2.3 :R	< 2.2 :J	< 2.4 :J	< 2.6 :J	< 2.2 :R	< 2.3 :J	< 2.5 :J	< 2.2 :R	< 2.4 :J
ARSENIC	NA	3 :V	3.9 :V	2.7 :V	2.1 B:V	3.8 :V	1.6 B:V	2 B:V	5.6 :V	2.3 :J	1.6 B:V	5.4 :V	2 :J	1.8 B:V
BARIUM	NA	85.4 :V	56.3 :V	59.9 :V	47.3 :V	116 :V	52.2 :V	51.5 :V	89.6 :V	60.6 :V	56.6 :V	108 :V	123 :V	50.8 :V
BERYLLIUM	NA	.32 B:V	.24 B:V	.34 B:V	.38 B:V	.48 B:V	< .18 :J	< .2 :J	.5 B:V	.41 B:V	< .19 :J	.52 B:V	.37 B:V	< .2 :J
CADMIUM	NA	< .31 :V	.52 B:V	< .31 :V	< .3 :V	< .28 :V	< .28 :V	< .3 :V	< .32 :V	< .28 :V	< .29 :V	< .31 :V	.38 B:V	< .3 :V
CALCIUM	NA	59400 :V	12500 :V	17200 :V	11300 :V	24100 :V	1430 :V	1270 :V	50000 :V	15700 :V	1520 :V	49400 :V	16300 :V	1350 :V
CHROMIUM	NA	11.8 :J	9.1 :V	9.1 :V	6.1 :V	10 :J	7.9 :V	7.9 :V	10.7 :V	9 :J	9.6 :V	11.9 :V	10.5 :J	8.5 :V
COBALT	NA	7.1 B:V	4.1 B:V	5.8 B:V	5.7 B:V	5.5 B:V	9.3 B:V	12.5 :V	4.7 B:V	6.4 B:V	5.9 B:V	5 B:V	5.8 B:V	5.4 B:V
COPPER	NA	20.4 :V	23.8 :V	35.4 :V	28.1 :V	18.9 :V	17.2 :V	18.2 :V	15.8 :V	37.5 :V	15.3 :J	14.1 :V	21.2 :V	12.9 :J
IRON	NA	9290 :V	10600 :V	15800 :V	16000 :V	12300 :V	8680 :V	9250 :V	10200 :V	17800 :V	9510 :V	11100 :V	13200 :V	9060 :V
LEAD	NA	9.2 I:J	22.1 :V	10.7 :V	9.2 :V	23.1 :J	6.2 :V	6.8 :V	20.7 :V	6.5 :J	6.8 :V	31.4 :V	27.9 :J	6.7 :V
MAGNESIUM	NA	3210 :V	3210 :V	5910 :V	5580 :V	3910 :V	2030 :V	1980 :V	2390 :V	6890 :V	2140 :V	2790 :V	4310 :V	2140 :V
MANGANESE	NA	177 :V	240 :J	470 :J	461 :J	259 :V	147 :V	161 :V	175 :J	515 :V	155 :V	285 :J	317 :V	144 :V
MERCURY	NA	< .06 :V	< .077 :J	< .07 :J	< .072 :J	< .05 :V	< .054 :V	< .054 :V	.06 :V	< .04 :V	< .048 :V	< .06 :V	< .05 :V	< .054 :V
NICKEL	NA	10.2 :V	6.8 B:V	5.3 B:V	4.5 B:V	7.9 B:V	6.7 B:V	6.3 B:V	10.5 :V	4.6 B:V	6.9 B:V	10.3 :V	6 B:V	6.5 B:V
POTASSIUM	NA	1700 :V	1430 :V	2670 :V	2450 :V	2190 :V	1940 :V	1870 :V	1750 :V	3100 :V	1630 :V	2020 :V	2470 :V	1580 :V
SELENIUM	NA	< .54 :V	< .53 :V	< .55 :V	< .54 :V	< .51 :V	< .49 :V	< .53 :V	< .57 :V	< .49 :V	< .51 :V	< .56 :V	< .49 :V	< .53 :V
SILVER	NA	< .52 :V	1 B:J	1.1 B:J	1.3 B:J	< .49 :V	< 1 :J	< 1.1 :J	< .55 :V	1.2 B:J	< 1.2 :J	< .53 :V	.72 B:J	< 1.3 :J
SODIUM	NA	184 B:J	105 B:V	196 B:V	166 B:V	186 B:V	138 B:V	125 B:V	229 B:V	195 B:J	65.1 B:V	121 B:V	181 B:V	68.1 B:V
THALLIUM	NA	< .37 :J	< .36 :V	< .37 :V	< .37 :V	< .35 :V	< .34 :V	< .36 :J	< .39 :V	< .33 :J	< .35 :J	< .38 :V	< .34 :V	< .36 :J
VANADIUM	NA	22 :V	17.9 :V	20.6 :V	18.8 :V	23.3 :V	13.5 :V	14.3 :V	23.9 :V	22.7 :V	15.4 :V	24.5 :V	21.2 :V	13.7 :V
ZINC	NA	57.2 :J	176 I:J	89.4 I:J	65 I:J	74.6 :V	24.5 :V	24.2 :V	86.1 :J	57.9 :V	25.7 :V	54.1 :J	124 :V	26.9 :V
Test Group:TRADS Units: pCi/g														
AMERICIUM-241	NA	.012(.007) J:Y	.028(.009) :Y	.018(.008) J:Y	.014(.007) J:Y	.028(.012) :Y	NA	NA	.025(.009) :Y	.014(.007) J:Y	NA	.046(.011) :Y	.056(.015) :Y	NA
GROSS ALPHA	NA	16(3.9) :Y	12(3) :Y	11(3.4) :Y	16(3.9) :Y	15(3.5) :Y	NA	NA	14(3.2) :Y	8.1(3.2) :Y	NA	20(3.7) :Y	16(3.8) :Y	NA
GROSS BETA	NA	28(3.4) :Y	28(3.4) :Y	23(3.3) :Y	26(3.5) :Y	28(3.4) :Y	NA	NA	23(3.6) :Y	27(3.6) :Y	NA	24(3.4) :Y	25(3.3) :Y	NA
PLUTONIUM-239/240	NA	.012(.007) J:Y	.015(.006) J:Y	.027(.008) J:Y	.014(.007) J:Y	.058(.011) :Y	NA	NA	.086(.018) :Y	.016(.007) J:Y	NA	.16(.028) :Y	.13(.018) :Y	NA
URANIUM-233,-234	NA	.67(.19) :Y	.72(.21) :Y	1.2(.29) :Y	.98(.27) :Y	.94(.19) :Y	NA	NA	.91(.15) :Y	.68(.16) :Y	NA	.96(.15) :Y	.78(.16) :Y	NA
URANIUM-235	NA	.083(.071) U:Y	.03(.031) U:Y	.047(.063) U:Y	.033(.067) U:Y	.045(.054) U:Y	NA	NA	.061(.037) J:Y	.027(.036) U:Y	NA	.016(.022) U:Y	.024(.032) U:Y	NA
URANIUM-238	NA	.63(.17) :Y	.63(.19) :Y	.77(.22) :Y	.66(.21) :Y	.96(.18) :Y	NA	NA	.94(.15) :Y	.69(.16) :Y	NA	.94(.15) :Y	.64(.14) :Y	NA
Test Group:VOACLP Units: µg/kg														
1,1,1-TRICHLOROETHANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
1,1,2,2-TETRACHLOROETHANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
1,1,2-TRICHLOROETHANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
1,1-DICHLOROETHANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
1,1-DICHLOROETHENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
1,2-DICHLOROETHANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V

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TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS457294	SS457394	SS457494	SS457594	SS457694	SS457794	SS457894	SS457894	SS457994	SS458094	SS458194	SS458294	SS458394	SS458494
Sample Identification Number:	SSG2639JE	SSG2468JE	SSG2469JE	SSG2470JE	SSG2471JE	SSG2472JE	SSG2473JE	SSG2644JE	SSG2474JE	SSG2475JE	SSG2476JE	SSG2477JE	SSG2478JE	SSG2479JE
Date Sampled:	19-Oct-94	11-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	24-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94
1,2-DICHLOROETHENE	< 6 :V	16 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
1,2-DICHLOROPROPANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
2-BUTANONE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V
2-HEXANONE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :R	< 11 :V	< 12 :V	< 10 :V	< 11 :V
4-METHYL-2-PENTANONE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :R	< 11 :V	< 12 :V	< 10 :V	< 11 :V
ACETONE	< 63 :J	< 78 :J	< 20 :J	< 16 :J	< 110 :J	< 23 :J	< 16 :J	< 19 :J	< 61 :J	< 29 :J	< 30 :J	< 78 :J	< 94 :J	< 41 :J
BENZENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
BROMODICHLOROMETHANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
BROMOFORM	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
BROMOMETHANE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :R	< 11 :V	< 12 :V	< 10 :V	< 11 :V
CARBON DISULFIDE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
CARBON TETRACHLORIDE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
CHLOROBENZENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
CHLOROETHANE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :R	< 11 :V	< 12 :V	< 10 :V	< 11 :V
CHLOROFORM	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
CHLOROMETHANE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V
DIBROMOCHLOROMETHANE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
ETHYLBENZENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
METHYLENE CHLORIDE	6 :V	< 6 :J	< 6 :V	< 6 :V	< 5 :V	< 5 :V	8 :V	11 :V	6 :V	< 5 :V	8 :V	6 :V	< 6 :J	< 5 :J
STYRENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
TETRACHLOROETHENE	< 6 :V	1 J:A	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
TOLUENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
TOTAL XYLENES	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
TRICHLOROETHENE	< 6 :V	34 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
VINYL ACETATE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V
VINYL CHLORIDE	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :V	< 10 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V
cis-1,3-DICHLOROPROPENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V
trans-1,3-DICHLOROPROPENE	< 6 :V	< 6 :V	< 6 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V

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TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS458594	SS458794	SS458894	SS458994	SS459094	SS459194	SS459294	SS459394	SS459494	SS459594	SS459694	SS459694	SS459794
Sample Identification Number:	SSG2480JE	SSG2482JE	SSG2483JE	SSG2484JE	SSG2485JE	SSG2486JE	SSG2487JE	SSG2488JE	SSG2489JE	SSG2490JE	SSG2491JE	SSG2640JE	SSG2492JE
Date Sampled:	19-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	25-Oct-94	19-Oct-94	19-Oct-94	11-Oct-94
Test Group:BNACLP Units: µg/kg													
1,2,4-TRICHLOROBENZENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
1,2-DICHLOROBENZENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
1,3-DICHLOROBENZENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
1,4-DICHLOROBENZENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2,4-DICHLOROPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2,4-DINITROPHENOL	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
2,4-DINITROTOLUENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2,6-DINITROTOLUENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2-CHLORONAPHTHALENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2-CHLOROPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2-METHYLNAPHTHALENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2-METHYLPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
2-NITROANILINE	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
2-NITROPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	< 770 :Y	< 690 :Y	< 760 :Y	< 690 :V	< 690 :V	< 710 :V	< 760 :V	< 730 :V	< 720 :V	NA	NA	NA	NA
3-NITROANILINE	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
4-CHLOROANILINE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
4-METHYLPHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
4-NITROANILINE	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
4-NITROPHENOL	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
ACENAPHTHENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
ACENAPHTHYLENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
ANTHRACENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
BENZO(a)ANTHRACENE	< 380 :Y	< 350 :Y	70 J:Y	120 J:A	39 J:A	40 J:A	< 380 :J	< 360 :J	< 360 :J	NA	NA	NA	NA
BENZO(a)PYRENE	< 380 :Y	< 350 :Y	88 J:Y	66 J:A	< 350 :V	< 360 :V	< 380 :J	< 360 :J	< 360 :J	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	< 380 :Y	< 350 :Y	110 J:Y	200 J:A	52 J:A	53 J:A	< 380 :J	< 360 :J	< 360 :J	NA	NA	NA	NA
BENZO(ghi)PERYLENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	< 380 :Y	< 350 :Y	44 J:Y	82 J:A	< 350 :V	< 360 :V	85 J:A	77 J:A	120 J:A	NA	NA	NA	NA
BENZOIC ACID	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
BENZYL ALCOHOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	< 380 :Y	< 350 :Y	84 J:Y	< 340 :J	< 350 :J	< 360 :J	280 J:A	200 J:A	120 J:A	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :J	< 360 :J	< 380 :J	< 360 :J	< 360 :J	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	< 380 :Y	< 350 :Y	79 J:Y	140 J:A	44 J:A	40 J:A	< 380 :J	< 360 :J	< 360 :J	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	38 J:A	59 J:A	71 J:A	< 360 :V	< 360 :V	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	97 J:A	< 360 :V	< 380 :V	< 360 :V	46 J:A	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
DIBENZOFURAN	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
DIETHYL PHTHALATE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
DIMETHYL PHTHALATE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
FLUORANTHENE	58 J:Y	< 350 :Y	190 J:Y	350 :V	120 J:A	110 J:A	< 380 :J	< 360 :J	< 370 :J	NA	NA	NA	NA
FLUORENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
HEXACHLOROBENZENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
HEXACHLOROBUTADIENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
HEXACHLOROETHANE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA

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TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS458594	SS458794	SS458894	SS458994	SS459094	SS459194	SS459294	SS459394	SS459494	SS459594	SS459694	SS459694	SS459794
Sample Identification Number:	SSG2480JE	SSG2482JE	SSG2483JE	SSG2484JE	SSG2485JE	SSG2486JE	SSG2487JE	SSG2488JE	SSG2489JE	SSG2490JE	SSG2491JE	SSG2640JE	SSG2492JE
Date Sampled:	19-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	25-Oct-94	19-Oct-94	19-Oct-94	11-Oct-94
INDENO(1,2,3-cd)PYRENE	< 380 :Y	< 350 :Y	< 380 :Y	57 J:A	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :J	NA	NA	NA	NA
ISOPHORONE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
NAPHTHALENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
NITROBENZENE	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
PENTACHLOROPHENOL	< 1900 :Y	< 1700 :Y	< 1900 :Y	< 1700 :V	< 1700 :V	< 1700 :V	< 1800 :V	< 1800 :V	< 1700 :V	NA	NA	NA	NA
PHENANTHRENE	40 J:Y	< 350 :Y	140 J:Y	210 J:A	65 J:A	72 J:A	< 380 :J	< 360 :J	< 360 :J	NA	NA	NA	NA
PHENOL	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
PYRENE	54 J:Y	< 350 :Y	150 J:Y	170 J:A	35 J:A	< 360 :V	< 380 :J	< 360 :J	< 360 :J	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	< 380 :Y	< 350 :Y	< 380 :Y	< 340 :V	< 350 :V	< 360 :V	< 380 :V	< 360 :V	< 360 :V	NA	NA	NA	NA
Test Group:METADD Units: mg/kg													
CESIUM	< 9.3 :J	< 8.4 :J	< 11.5 :J	< 11.6 :J	< 7.6 :J	< 12.3 :J	< 8.9 :J	< 10.2 :J	< 8.4 :J	NA	NA	NA	NA
LITHIUM	8.1 B:V	7.4 B:V	10 B:V	9.3 B:V	12 B:V	10 B:V	10.5 B:V	11.2 B:V	10 B:V	NA	NA	NA	NA
MOLYBDENUM	< .6 :J	< 1.8 :J	< 1.1 :J	< 1.8 :J	< 2.5 :J	< 1.7 :J	< .54 :V	< .49 :V	< .51 :V	NA	NA	NA	NA
STRONTIUM	96.6 :V	9.4 B:V	95 :V	12.8 B:V	80.5 :V	138 :V	86.8 :V	85.2 :V	81 :V	NA	NA	NA	NA
TIN	< 2.3 :J	< 2.1 :V	< 2.3 :J	< 1.9 :V	< 1.9 :V	< 2 :J	< 2.2 :V	< 2 :V	< 2.1 :V	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	8280 :V	5310 :V	9580 :V	7460 :V	12600 :V	9290 :V	10500 :V	11600 :V	11000 :V	NA	NA	NA	NA
ANTIMONY	< 2.6 :J	< 2.4 :J	< 2.6 :J	< 2.2 :R	< 2.1 :R	< 2.3 :R	< 2.5 :J	< 2.3 :J	< 2.5 :J	NA	NA	NA	NA
ARSENIC	5.9 :V	1.5 B:V	5 :V	3.4 :V	3.9 :V	4.8 :V	5.7 :V	8.8 :V	7.2 :V	NA	NA	NA	NA
BARIUM	115 :V	55.8 :V	112 :V	71 :V	74.8 :V	135 :V	121 :V	138 :V	144 :V	NA	NA	NA	NA
BERYLLIUM	.66 B:V	< .21 :J	.5 B:V	.34 B:V	< .3 :J	.53 B:V	.59 B:V	.64 B:V	.67 B:V	NA	NA	NA	NA
CADMIUM	< .33 :V	< .29 :V	< .32 :V	< .27 :V	< .27 :V	< .29 :V	.85 B:V	< .29 :V	< .3 :V	NA	NA	NA	NA
CALCIUM	71800 :V	1430 :V	69200 :V	5050 :V	20100 :V	103000 :V	61100 :V	49400 :V	52400 :V	NA	NA	NA	NA
CHROMIUM	9.8 :J	8.1 :V	10.5 :J	11.7 :J	12.3 :J	12.8 :J	13 :J	14.6 :J	11.7 :J	NA	NA	NA	NA
COBALT	4.9 B:V	11.5 :V	6 B:V	4.4 B:V	9.9 :V	5.2 B:V	5.9 B:V	5.9 B:V	6.9 B:V	NA	NA	NA	NA
COPPER	11.7 :J	18.4 :V	23.6 :V	14.5 :V	48.8 :V	13.6 :V	23.2 :V	16.4 :V	15 :V	NA	NA	NA	NA
IRON	9170 :V	9070 :V	12100 :V	10500 :V	20000 :V	11700 :V	12400 :V	11800 :V	11800 :V	NA	NA	NA	NA
LEAD	20.4 :J	6.5 :V	18.2 :J	26.8 :J	14.2 :J	14.7 :J	30.5 I:J	20.4 I:J	24.6 I:J	NA	NA	NA	NA
MAGNESIUM	2570 :V	2200 :V	3890 :V	2370 :V	11500 :V	3420 :V	3010 :V	3070 :V	2890 :V	NA	NA	NA	NA
MANGANESE	171 :J	142 :V	222 :J	174 :V	520 :V	189 :V	238 :V	219 :V	241 :V	NA	NA	NA	NA
MERCURY	.06 B:V	< .054 :V	< .06 :V	< .05 :V	< .05 :V	< .05 :V	.093 B:V	< .06 :V	< .05 :V	NA	NA	NA	NA
NICKEL	9.8 :V	6.1 B:V	11.2 :V	8.3 :V	22.8 :V	11.4 :V	13.4 :V	12.1 :V	11.9 :V	NA	NA	NA	NA
POTASSIUM	1670 :V	1710 :V	1840 :V	2120 :V	2100 :V	1750 :V	1890 :V	2200 :V	2300 :V	NA	NA	NA	NA
SELENIUM	< .58 :V	< .53 :V	< .58 :V	< .48 :V	< .47 :V	< .51 :V	< .56 :V	< .51 :V	.87 B:V	NA	NA	NA	NA
SILVER	< .56 :V	< 1.3 :J	< .55 :V	< .46 :V	1.1 B:J	< .49 :V	< .54 :V	< .49 :V	< .51 :V	NA	NA	NA	NA
SODIUM	255 B:J	75.3 B:V	279 B:V	58.3 B:V	1670 :V	86.8 B:J	< 90.8 :J	< 91 :J	191 B:J	NA	NA	NA	NA
THALLIUM	< .4 :V	< .36 :J	< .39 :V	< .33 :V	< .32 :V	< .35 :J	< .38 :J	< .35 :J	< .36 :J	NA	NA	NA	NA
VANADIUM	25.6 :V	14.3 :V	27.9 :V	19.7 :V	37.9 :V	25.7 :V	28.3 :V	31.3 :V	32.7 :V	NA	NA	NA	NA
ZINC	59.7 :J	26.1 :V	90.8 :J	62.7 :V	48.7 :V	67 :V	334 :V	102 :V	84.5 :V	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	.043(.011) :Y	NA	.03(.01) :Y	.18(.032) :Y	.044(.013) :Y	.033(.011) :Y	.04(.012) :Y	.048(.013) :Y	.054(.011) :Y	.007(.011) U:Y	.008(.005) J:Y	.005(.004) J:Y	.06(.013) :Y
GROSS ALPHA	16(3.6) :Y	NA	15(3.6) :Y	33(4.4) :Y	19(4.6) :Y	13(3.2) :Y	5(2.2) :Y	2.5(1.8) U:Y	1.9(1.8) U:Y	45(5.6) :Y	13(3) :Y	16(3.4) :Y	13(3.2) :Y
GROSS BETA	25(3.5) :Y	NA	23(3.3) :Y	40(3.9) :Y	29(3.5) :Y	20(3.3) :Y	4.6(2.6) J:Y	-.79(2.5) U:Y	-1.3(2.3) U:Y	41(3.9) :Y	30(3.5) :Y	27(3.6) :Y	19(3.2) :Y
PLUTONIUM-239/240	.13(.025) :Y	NA	.082(.018) :Y	.92(.049) :Y	.17(.021) :Y	.12(.02) :Y	.12(.018) :Y	.14(.018) :Y	.2(.02) :Y	.003(.004) U:Y	.061(.018) :Y	.018(.008) J:Y	.21(.024) :Y
URANIUM-233,-234	.78(.14) :Y	NA	.78(.13) :Y	1.1(.23) :Y	.79(.19) :Y	.83(.2) :Y	.94(.22) :Y	.84(.11) :Y	.85(.19) :Y	1.4(.27) :Y	.78(.18) :Y	.98(.15) :Y	.65(.16) :Y
URANIUM-235	.03(.036) U:Y	NA	.032(.032) U:Y	.1(.068) J:Y	.083(.072) U:Y	.033(.045) U:Y	.09(.068) J:Y	.033(.022) J:Y	.044(.044) U:Y	.096(.072) J:Y	.081(.061) J:Y	.042(.036) U:Y	(.02) U:Y
URANIUM-238	.83(.14) :Y	NA	.77(.12) :Y	1.1(.23) :Y	.9(.21) :Y	.62(.16) :Y	.59(.16) :Y	.67(.096) :Y	.63(.15) :Y	1.3(.25) :Y	.66(.16) :Y	.95(.15) :Y	.78(.18) :Y
Test Group:VOACLP Units: µg/kg													
1,1,1-TRICHLOROETHANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :J	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
1,1-DICHLOROETHANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
1,1-DICHLOROETHENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
1,2-DICHLOROETHANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS458594	SS458794	SS458894	SS458994	SS459094	SS459194	SS459294	SS459394	SS459494	SS459594	SS459694	SS459694	SS459794
Sample Identification Number:	SSG2480JE	SSG2482JE	SSG2483JE	SSG2484JE	SSG2485JE	SSG2486JE	SSG2487JE	SSG2488JE	SSG2489JE	SSG2490JE	SSG2491JE	SSG2640JE	SSG2492JE
Date Sampled:	19-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	25-Oct-94	19-Oct-94	19-Oct-94	11-Oct-94
1,2-DICHLOROETHENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
1,2-DICHLOROPROPANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
2-BUTANONE	< 11 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
2-HEXANONE	< 11 :V	< 11 :V	< 12 :V	< 10 :R	< 11 :R	< 11 :J	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
4-METHYL-2-PENTANONE	< 11 :V	< 11 :V	< 12 :V	< 10 :R	< 11 :R	< 11 :J	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
ACETONE	< 28 :J	< 49 :J	< 79 :J	< 43 :J	< 42 :J	< 110 :J	< 41 :J	< 100 :J	< 58 :J	NA	NA	NA	NA
BENZENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
BROMODICHLOROMETHANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
BROMOFORM	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
BROMOMETHANE	< 11 :V	< 11 :V	< 12 :V	< 10 :R	< 11 :R	< 11 :V	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
CARBON DISULFIDE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
CARBON TETRACHLORIDE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
CHLOROBENZENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :J	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
CHLOROETHANE	< 11 :V	< 11 :V	< 12 :V	< 10 :R	< 11 :R	< 11 :V	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
CHLOROFORM	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
CHLOROMETHANE	< 11 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
ETHYLBENZENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :J	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
METHYLENE CHLORIDE	6 :V	10 :V	5 J:A	< 5 :V	< 5 :V	< 6 :J	< 8 :J	< 6 :J	< 5 :J	NA	NA	NA	NA
STYRENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :J	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
TETRACHLOROETHENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :J	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
TOLUENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :J	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
TOTAL XYLENES	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :J	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
TRICHLOROETHENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	2 J:A	NA	NA	NA	NA
VINYL ACETATE	< 11 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
VINYL CHLORIDE	< 11 :V	< 11 :V	< 12 :V	< 10 :V	< 11 :V	< 11 :V	< 11 :V	< 11 :J	< 11 :V	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	< 5 :V	< 5 :V	< 6 :V	< 5 :V	< 5 :V	< 5 :V	< 6 :V	< 5 :J	< 5 :V	NA	NA	NA	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS459894	SS459994	SS460094	SS460194	SS460294	SS460394	SS460494	SS460494	SS460594	SS460694	SS460794	SS460894	SS460994
Sample Identification Number:	SSG2493JE	SSG2494JE	SSG2495JE	SSG2496JE	SSG2497JE	SSG2498JE	SSG2499JE	SSG2623JE	SSG2500JE	SSG2501JE	SSG2502JE	SSG2503JE	SSG2504JE
Date Sampled:	11-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	25-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94
Test Group:BNACLP Units: µg/kg													
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS459894	SS459994	SS460094	SS460194	SS460294	SS460394	SS460494	SS460494	SS460594	SS460694	SS460794	SS460894	SS460994
Sample Identification Number:	SSG2493JE	SSG2494JE	SSG2495JE	SSG2496JE	SSG2497JE	SSG2498JE	SSG2499JE	SSG2623JE	SSG2500JE	SSG2501JE	SSG2502JE	SSG2503JE	SSG2504JE
Date Sampled:	11-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	25-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: mg/kg													
CESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	.057(.014) :Y	.064(.017) :Y	.02(.008) :Y	.067(.014) :Y	.026(.016) :Y	.044(.012) :Y	.059(.015) :Y	.038(.014) :Y	.053(.014) :Y	.05(.014) :Y	.065(.013) :Y	.023(.011) :Y	.024(.01) :Y
GROSS ALPHA	15(3.3) :Y	16(3.2) :Y	15(3.3) :Y	9.6(2.8) :Y	26(4.3) :Y	19(3.6) :Y	20(3.4) :Y	22(3.9) :Y	19(3.6) :Y	20(3.5) :Y	19(3.6) :Y	17(3.5) :Y	11(2.5) :Y
GROSS BETA	27(3.6) :Y	23(3.3) :Y	19(3.1) :Y	6.9(3.1) J:Y	35(3.7) :Y	28(3.4) :Y	25(3.5) :Y	27(3.4) :Y	25(3.5) :Y	26(3.5) :Y	24(3.7) :Y	16(3.2) :Y	30(3.8) :Y
PLUTONIUM-239/240	.29(.028) :Y	.21(.025) :Y	.14(.019) :Y	.24(.025) :Y	.11(.021) :Y	.12(.021) :Y	.15(.022) :Y	.12(.019) :Y	.16(.02) :Y	.1(.019) :Y	.29(.026) :Y	.11(.017) :Y	.018(.01) J:Y
URANIUM-233,-234	.92(.18) :Y	.74(.17) :Y	.84(.19) :Y	.68(.16) :Y	.82(.14) :Y	.89(.25) :Y	.84(.21) :Y	1.1(.24) :Y	.88(.24) :Y	.84(.24) :Y	.76(.2) :Y	1.1(.25) :Y	.59(.16) :Y
URANIUM-235	.046(.056) U:Y	.043(.044) U:Y	.011(.043) U:Y	.009(.037) U:Y	.013(.026) U:Y	.062(.062) U:Y	.13(.081) J:Y	.052(.053) U:Y	.059(.059) U:Y	.061(.061) U:Y	.029(.058) U:Y	.028(.028) U:Y	.012(.046) U:Y
URANIUM-238	.88(.18) :Y	.84(.19) :Y	.82(.19) :Y	.69(.15) :Y	.81(.14) :Y	.91(.22) :Y	.79(.21) :Y	.1(.24) :Y	.93(.24) :Y	.91(.24) :Y	.99(.24) :Y	.65(.19) :Y	.7(.18) :Y
Test Group:VOACLP Units: µg/kg													
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS459894	SS459994	SS460094	SS460194	SS460294	SS460394	SS460494	SS460494	SS460594	SS460694	SS460794	SS460894	SS460994
Sample Identification Number:	SSG2493JE	SSG2494JE	SSG2495JE	SSG2496JE	SSG2497JE	SSG2498JE	SSG2499JE	SSG2623JE	SSG2500JE	SSG2501JE	SSG2502JE	SSG2503JE	SSG2504JE
Date Sampled:	11-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94	25-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS461094	SS461094	SS461194	SS461194	SS461294	SS461394	SS461494	SS461594	SS461694	SS461794	SS461894	SS461994
Sample Identification Number:	SSG2505JE	SSG2621JE	SSG2506JE	SSG2646JE	SSG2507JE	SSG2508JE	SSG2509JE	SSG2510JE	SSG2511JE	SSG2512JE	SSG2513JE	SSG2514JE
Date Sampled:	10-Oct-94	10-Oct-94	25-Oct-94	25-Oct-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94
Test Group:BNACLP Units: µg/kg												
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-15
Surface Soil Results*
OU14 - IHSS 164.2

Sample Location:	SS461094	SS461094	SS461194	SS461194	SS461294	SS461394	SS461494	SS461594	SS461694	SS461794	SS461894	SS461994
Sample Identification Number:	SSG2505JE	SSG2621JE	SSG2506JE	SSG2646JE	SSG2507JE	SSG2508JE	SSG2509JE	SSG2510JE	SSG2511JE	SSG2512JE	SSG2513JE	SSG2514JE
Date Sampled:	10-Oct-94	10-Oct-94	25-Oct-94	25-Oct-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: mg/kg												
CESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	.09(.015) :Y	.11(.017) :Y	.01(.01) J:Y	.003(.006) U:Y	.081(.016) :Y	.048(.011) :Y	.058(.013) :Y	.12(.021) :Y	.11(.02) :Y	.1(.017) :Y	.15(.021) :Y	.13(.02) :Y
GROSS ALPHA	20(3.8) :Y	23(3.8) :Y	26(4.3) :Y	30(4.6) :Y	10(2.5) :Y	20(3.9) :Y	7.9(2.6) :Y	31(5.6) :Y	13(2.5) :Y	22(4) :Y	32(4.7) :Y	20(3.5) :Y
GROSS BETA	25(3.3) :Y	28(3.5) :Y	32(3.7) :Y	33(3.6) :Y	14(3.1) :Y	24(3.5) :Y	15(2.9) :Y	31(3.6) :Y	29(3.6) :Y	30(3.7) :Y	31(3.5) :Y	29(3.5) :Y
PLUTONIUM-239/240	.24(.024) :Y	.51(.04) :Y	.022(.01) J:Y	.009(.008) U:Y	.27(.024) :Y	.16(.019) :Y	.23(.021) :Y	.45(.031) :Y	.51(.045) :Y	.37(.027) :Y	.74(.042) :Y	.56(.043) :Y
URANIUM-233,-234	.79(.2) :Y	.73(.16) :Y	.8(.19) :Y	.92(.21) :Y	.35(.063) :Y	.78(.098) :Y	.39(.061) :Y	.82(.089) :Y	.86(.1) :Y	.89(.1) :Y	.96(.1) :Y	.81(.12) :Y
URANIUM-235	.051(.051) U:Y	.065(.056) U:Y	.084(.073) U:Y	.06(.048) U:Y	.017(.017) U:Y	.043(.025) J:Y	.025(.016) J:Y	.05(.025) J:Y	.052(.029) J:Y	.034(.023) J:Y	.049(.022) J:Y	.1(.043) J:Y
URANIUM-238	.85(.21) :Y	.82(.18) :Y	.72(.19) :Y	1.1(.24) :Y	.4(.064) :Y	.75(.093) :Y	.42(.066) :Y	.75(.084) :Y	.85(.098) :Y	.88(.098) :Y	.99(.1) :Y	.82(.11) :Y
Test Group:VOACLP Units: µg/kg												
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-15
Surface Soil Results*
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Sample Location:	SS461094	SS461094	SS461194	SS461194	SS461294	SS461394	SS461494	SS461594	SS461694	SS461794	SS461894	SS461994
Sample Identification Number:	SSG2505JE	SSG2621JE	SSG2506JE	SSG2646JE	SSG2507JE	SSG2508JE	SSG2509JE	SSG2510JE	SSG2511JE	SSG2512JE	SSG2513JE	SSG2514JE
Date Sampled:	10-Oct-94	10-Oct-94	25-Oct-94	25-Oct-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94	28-Sep-94
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

TABLE B-16
Surface Soil Data Summary - All Results***
OU14 - IHSS 164.2

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/kg												
1,2,4-TRICHLOROBENZENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
1,2-DICHLOROBENZENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
1,3-DICHLOROBENZENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
1,4-DICHLOROBENZENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2,4,5-TRICHLOROPHENOL	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
2,4,6-TRICHLOROPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2,4-DICHLOROPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2,4-DIMETHYLPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2,4-DINITROPHENOL	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
2,4-DINITROTOLUENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2,6-DINITROTOLUENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2-CHLORONAPHTHALENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2-CHLOROPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2-METHYLNAPHTHALENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2-METHYLPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
2-NITROANILINE	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
2-NITROPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
3,3'-DICHLOROBENZIDINE	660	670	SS456994 (3)	770	SS458594 (1)					0	32	0
3-NITROANILINE	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
4,6-DINITRO-2-METHYLPHENOL	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
4-CHLORO-3-METHYLPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
4-CHLOROANILINE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
4-CHLOROPHENYL PHENYL ETHER	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
4-METHYLPHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
4-NITROANILINE	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
4-NITROPHENOL	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
ACENAPHTHENE	330	330	SS458394 (1)	380	SS457994 (5)	110 J:Y	SS456594 (1)	110 J:Y	SS456594 (1)	1	32	177.3438
ACENAPHTHYLENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
ANTHRACENE	330	330	SS458394 (1)	380	SS457994 (4)	52 J:Y	SS458294 (1)	210 J:Y	SS456594 (1)	2	32	176.1563
BENZO(a)ANTHRACENE	330	340	SS458194 (1)	380	SS458594 (2)	39 J:A	SS459094 (1)	270 J:Y	SS456594 (1)	19	32	119.0313
BENZO(a)PYRENE	330	330	SS458394 (1)	380	SS458594 (2)	42 J:A	SS458094 (1)	250 J:Y	SS456594 (1)	14	32	140.7188
BENZO(b)FLUORANTHENE	330	340	SS458194 (1)	380	SS458594 (2)	52 J:A	SS459094 (1)	330 J:Y	SS456594 (1)	19	32	148.4063
BENZO(ghi)PERYLENE	330	330	SS458394 (1)	380	SS457994 (4)	41 J:Y	SS456894 (1)	97 J:Y	SS456594 (1)	6	32	156.75
BENZO(k)FLUORANTHENE	330	330	SS458394 (1)	380	SS458594 (1)	37 J:A	SS456994 (1)	120 J:Y	SS456594 (2)	15	32	124.75
BENZOIC ACID	1600	1600	SS456994 (3)	1900	SS458294 (3)					0	32	0
BENZYL ALCOHOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
BIS(2-CHLOROETHOXY)METHANE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
BIS(2-CHLOROETHYL)ETHER	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
BIS(2-CHLOROISOPROPYL)ETHER	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
BIS(2-ETHYLHEXYL)PHTHALATE	330	340	SS456994 (4)	380	SS458594 (1)	68 J:Y	SS457594 (1)	900 B:V	SS458394 (1)	17	32	181.2188
BUTYL BENZYL PHTHALATE	330	330	SS458394 (1)	380	SS457994 (5)	40 BJ:Y	SS456194 (1)	120 J:Y	SS457494 (1)	2	32	173.2813
CARBAZOLE	0	**	**	**	**	86 J:Y	SS456594 (1)	86 J:Y	SS456594 (1)	1	1	86
CHRYSENE	330	340	SS458194 (1)	380	SS458594 (2)	40 J:A	SS459194 (1)	280 J:Y	SS456594 (1)	19	32	127.2813
DI-n-BUTYL PHTHALATE	330	340	SS456994 (4)	380	SS457994 (4)	38 J:A	SS459094 (1)	72 J:A	SS458394 (1)	6	32	156.5938
DI-n-OCTYL PHTHALATE	330	340	SS456994 (4)	380	SS457994 (5)	43 J:A	SS458394 (1)	97 J:A	SS459094 (1)	4	32	165.75
DIBENZO(a,h)ANTHRACENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
DIBENZOFURAN	330	330	SS458394 (1)	380	SS457994 (5)	41 J:Y	SS456594 (1)	41 J:Y	SS456594 (1)	1	32	175.1875
DIETHYL PHTHALATE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
DIMETHYL PHTHALATE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
FLUORANTHENE	330	340	SS458194 (1)	380	SS459294 (1)	58 J:Y	SS457294 (2)	740 :Y	SS456594 (1)	21	32	190.3438
FLUORENE	330	330	SS458394 (1)	380	SS457994 (5)	100 J:Y	SS456594 (1)	100 J:Y	SS456594 (1)	1	32	177.0313
HEXACHLOROBENZENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
HEXACHLOROBUTADIENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
HEXACHLOROCYCLOPENTADIENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
HEXACHLOROETHANE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
INDENO(1,2,3-cd)PYRENE	330	330	SS458394 (1)	380	SS457994 (5)	37 J:Y	SS456694 (1)	110 J:Y	SS456594 (1)	7	32	153.6875
ISOPHORONE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
N-NITROSO-DI-n-PROPYLAMINE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0

TABLE B-16
Surface Soil Data Summary - All Results***
OU14 - IHSS 164.2

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
N-NITROSODIPHENYLAMINE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
NAPHTHALENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
NITROBENZENE	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
PENTACHLOROPHENOL	1600	1600	SS456994 (3)	1900	SS458294 (3)	210 J:Y	SS456394 (1)	210 J:Y	SS456394 (1)	1	32	848.75
PHENANTHRENE	330	340	SS458194 (1)	380	SS459294 (1)	40 J:Y	SS458594 (1)	650 :Y	SS456594 (1)	21	32	145.6563
PHENOL	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
PYRENE	330	340	SS458194 (1)	380	SS459294 (1)	35 J:A	SS459094 (1)	510 :Y	SS456594 (1)	21	33	157.8485
p-BROMODIPHENYL ETHER	330	330	SS458394 (1)	380	SS457994 (5)					0	32	0
Test Group:METADD Units: mg/kg												
CESIUM	1000	4.1	SS457194 (1)	13.1	SS457594 (1)					0	32	0
LITHIUM	100	**	**	**	**	4.7 B:V	SS456894 (1)	14.3 B:V	SS456594 (1)	32	32	8.1812
MOLYBDENUM	200	0.49	SS459394 (1)	2.8	SS458494 (1)					0	32	0
STRONTIUM	200	**	**	**	**	9.4 B:V	SS458794 (1)	157 :V	SS456594 (1)	32	32	54.225
TIN	200	1.9	SS458094 (3)	2.3	SS456594 (4)	7.3 B:V	SS457494 (1)	7.3 B:V	SS457494 (1)	1	32	1.2453
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	**	**	**	**	4220 :V	SS456894 (1)	12600 :V	SS459094 (1)	32	32	6844.063
ANTIMONY	60	2.2	SS457894 (1)	3.2	SS457394 (1)					0	18	0
ARSENIC	10	**	**	**	**	1.5 B:V	SS458794 (1)	8.8 :V	SS459394 (1)	32	32	3.5719
BARIUM	200	**	**	**	**	43.8 :V	SS456894 (1)	144 :V	SS459494 (1)	32	32	82.8625
BERYLLIUM	5	0.18	SS457894 (1)	0.3	SS456194 (2)	.24 B:V	SS457494 (1)	.67 B:V	SS459494 (1)	25	32	0.3564
CADMIUM	5	0.27	SS458994 (2)	0.33	SS458594 (1)	.31 B:V	SS456394 (1)	.85 B:V	SS459294 (1)	5	32	0.2003
CALCIUM	5000	**	**	**	**	1350 :V	SS458494 (1)	103000 :V	SS459194 (1)	32	32	30453.13
CHROMIUM	10	**	**	**	**	6.1 :V	SS457694 (1)	14.6 :J	SS459394 (1)	32	32	9.7406
COBALT	50	**	**	**	**	3.4 B:V	SS456894 (1)	12.5 :V	SS457894 (1)	32	32	6.1312
COPPER	25	**	**	**	**	11.7 :J	SS458594 (1)	50.5 :V	SS456794 (1)	32	32	21.225
IRON	100	**	**	**	**	8560 :V	SS456494 (1)	20000 :V	SS459094 (1)	32	32	11705
LEAD	3	**	**	**	**	6.4 :V	SS457094 (1)	31.4 :V	SS458294 (1)	32	32	15.1344
MAGNESIUM	5000	**	**	**	**	2030 :V	SS457894 (1)	11500 :V	SS459094 (1)	32	32	3684.688
MANGANESE	15	**	**	**	**	142 :V	SS458794 (1)	633 :J	SS456794 (1)	32	32	259.4375
MERCURY	0.2	0.04	SS458094 (1)	0.08	SS457494 (1)	.06 :V	SS457994 (2)	.48 B:J	SS456594 (1)	5	32	0.0473
NICKEL	40	**	**	**	**	3.6 B:V	SS456894 (1)	22.8 :V	SS459094 (1)	32	32	8.2438
POTASSIUM	5000	**	**	**	**	1320 :V	SS457094 (1)	3100 :V	SS458094 (1)	32	32	1955.313
SELENIUM	5	0.47	SS459094 (1)	0.58	SS458594 (2)	.87 B:V	SS459494 (1)	.87 B:V	SS459494 (1)	1	32	0.2836
SILVER	10	0.46	SS458994 (1)	1.7	SS457094 (1)	.72 B:J	SS458394 (1)	1.7 B:J	SS456794 (1)	12	32	0.6436
SODIUM	5000	90.8	SS459294 (1)	91	SS459394 (1)	58.3 B:V	SS458994 (1)	1670 :V	SS459094 (1)	30	32	199.3875
THALLIUM	10	0.32	SS459094 (1)	0.4	SS458594 (1)					0	32	0
VANADIUM	50	**	**	**	**	13.7 :V	SS458494 (1)	37.9 :V	SS459094 (1)	32	32	21.3531
ZINC	20	**	**	**	**	24.5 :V	SS457894 (1)	368 :J	SS456494 (1)	32	32	85.4844
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.007	**	**	**	**	(.006) U:Y:Y	SS457094 (1)	.18(.032) :Y	SS458994 (1)	58	58	0.0434
GROSS ALPHA	2	**	**	**	**	1.9(1.8) U:Y	SS459494 (1)	45(5.6) :Y	SS459594 (1)	58	58	17.3483
GROSS BETA	4	**	**	**	**	-1.3(2.3) U:Y	SS459494 (1)	41(3.9) :Y	SS459594 (1)	58	58	25.214
PLUTONIUM-239/240	0.006	**	**	**	**	-.001(.002) U:Y	SS457094 (1)	.92(.049) :Y	SS458994 (1)	58	58	0.1567
URANIUM-233,-234	0.04	**	**	**	**	.35(.063) :Y	SS461294 (1)	1.4(.27) :Y	SS459594 (1)	58	58	0.835
URANIUM-235	0.03	**	**	**	**	(.028) U:Y:Y	SS456894 (3)	.15(.078) J:Y	SS456194 (1)	58	58	0.0474
URANIUM-238	0.03	**	**	**	**	.4(.064) :Y	SS461294 (1)	1.3(.25) :Y	SS459594 (1)	58	58	0.7909
Test Group:VOACLP Units: µg/kg												
1,1,1-TRICHLOROETHANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
1,1,2,2-TETRACHLOROETHANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
1,1,2-TRICHLOROETHANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
1,1-DICHLOROETHANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
1,1-DICHLOROETHENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
1,2-DICHLOROETHANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
1,2-DICHLOROETHENE	5	5	SS456194 (21)	6	SS456394 (10)	16 :V	SS457394 (1)	16 :V	SS457394 (1)	1	32	3.0781
1,2-DICHLOROPROPANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
2-BUTANONE	10	10	SS456994 (4)	12	SS458294 (2)					0	32	0
2-HEXANONE	10	10	SS456994 (2)	12	SS458294 (2)					0	29	0
4-METHYL-2-PENTANONE	10	10	SS456994 (2)	12	SS458294 (2)					0	29	0
ACETONE	10	16	SS457594 (2)	110	SS456594 (4)					0	32	0

TABLE B-16
Surface Soil Data Summary - All Results***
OU14 - IHSS 164.2

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
BENZENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
BROMODICHLOROMETHANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
BROMOFORM	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
BROMOMETHANE	10	10	SS456994 (2)	12	SS458294 (2)					0	29	0
CARBON DISULFIDE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
CARBON TETRACHLORIDE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
CHLOROBENZENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
CHLOROETHANE	10	10	SS456994 (2)	12	SS458294 (2)					0	29	0
CHLOROFORM	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
CHLOROMETHANE	10	10	SS456994 (4)	12	SS458294 (2)					0	32	0
DIBROMOCHLOROMETHANE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
ETHYLBENZENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
METHYLENE CHLORIDE	5	5	SS456194 (12)	8	SS459294 (1)	2 J:A	SS456894 (1)	20 :V	SS457094 (1)	13	32	4.5313
STYRENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
TETRACHLOROETHENE	5	5	SS456194 (21)	6	SS456394 (10)	1 J:A	SS457394 (1)	1 J:A	SS457394 (1)	1	32	2.6094
TOLUENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
TOTAL XYLENES	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
TRICHLOROETHENE	5	5	SS456694 (19)	6	SS456394 (10)	2 J:A	SS456194 (2)	34 :V	SS457394 (1)	3	32	3.6094
VINYL ACETATE	11	10	SS456994 (4)	12	SS458294 (2)					0	32	0
VINYL CHLORIDE	10	10	SS456994 (4)	12	SS458294 (2)					0	32	0
cis-1,3-DICHLOROPROPENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0
trans-1,3-DICHLOROPROPENE	5	5	SS456194 (21)	6	SS456394 (11)					0	32	0

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

TABLE B-17
Surface Soil TIC Results*
OU14 - IHSS 164.2

Sample Location:	SS456194	SS456394	SS456494	SS456594	SS456694	SS456794	SS456794	SS456894	SS456994	SS457094	SS457194	SS457294	SS457394
Sample Identification Number:	SSG2456JE	SSG2458JE	SSG2459JE	SSG2460JE	SSG2461JE	SSG2462JE	SSG2634JE	SSG2463JE	SSG2464JE	SSG2465JE	SSG2638JE	SSG2639JE	SSG2468JE
Date Sampled:	25-Oct-94	19-Oct-94	19-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	25-Oct-94	19-Oct-94	19-Oct-94	11-Oct-94
Test Group:BNACLP Units: µg/kg													
1,1,2,2-Tetrachloroethane	84 J:Y									130 J:Y			
Octyl Phenol Isomer													
Phenol, 4,4'-(1-methylethylide													
TIC-Aldol Condensation	2500 BJ:Y	5900 BJ:Y	5500 BJ:Y	12000 BJ:Y	13000 BJ:Y	12000 BJ:Y	12000 BJ:Y	11000 BJ:Y		2300 BJ:Y	12000 BJ:Y	12000 BJ:Y	5400 BJ:Z
TIC-Nonylphenol Isomer-1													
TIC-Nonylphenol Isomer-2													
TIC-Nonylphenol Isomer-3													
TIC-Unknown										79 J:Y			
TIC-Unknown Adipate			100 J:Y	130 J:Y	270 J:Y	120 J:Y	190 J:Y	230 J:Y			220 J:Y	250 J:Y	
TIC-Unknown Alkane		310 J:Y											
TIC-Unknown Alkane-1	110 J:Y	180 BJ:Y	110 J:Y	99 J:Y	150 J:Y	73 J:Y	89 J:Y	100 J:Y	77 J:Z		100 J:Y	120 J:Y	200 J:Z
TIC-Unknown Alkane-2	160 J:Y	510 J:Y	130 J:Y	79 BJ:Y	100 J:Y	89 J:Y	120 J:Y	130 J:Y	180 J:Z		170 J:Y	190 J:Y	210 J:Z
TIC-Unknown Alkane-3	150 J:Y		230 BJ:Y	85 J:Y	170 J:Y	88 J:Y	160 J:Y	130 J:Y	140 BJ:Z		170 J:Y	220 J:Y	
TIC-Unknown Alkane-4	110 J:Y		150 J:Y	130 J:Y	110 J:Y	120 J:Y	300 J:Y	160 J:Y	140 BJ:Z		110 J:Y	190 J:Y	
TIC-Unknown Alkane-5			490 J:Y		210 J:Y	170 J:Y	390 J:Y	200 J:Y	150 BJ:Z		100 J:Y	210 J:Y	
TIC-Unknown Alkane-6					520 J:Y				310 J:Z		77 J:Y	180 J:Y	
TIC-Unknown Alkane-7									460 J:Z			130 J:Y	
TIC-Unknown Alkane-8									170 J:Z				
TIC-Unknown C20H12-1				140 J:Y									
TIC-Unknown C20H12-2				120 J:Y									
TIC-Unknown C22H14						110 J:Y							
TIC-Unknown Phthalate													
TIC-Unknown-1	180 J:Y	330 J:Y	110 J:Y	140 J:Y	76 J:Y	110 J:Y	100 J:Y	98 J:Y	5000 BJ:Z		350 J:Y	290 J:Y	360 J:Z
TIC-Unknown-10	320 J:Y	230 J:Y	220 J:Y	390 J:Y	86 J:Y	120 J:Y		130 J:Y	91 J:Z			1600 J:Y	240 J:Z
TIC-Unknown-11	330 J:Y	950 J:Y	670 J:Y	280 J:Y	170 J:Y			74 J:Y	79 J:Z			450 J:Y	200 J:Z
TIC-Unknown-12	150 J:Y	930 J:Y	180 J:Y	210 J:Y	96 J:Y			84 J:Y	91 J:Z			140 J:Y	400 J:Z
TIC-Unknown-13	540 J:Y	640 J:Y		960 J:Y						84 J:Z			
TIC-Unknown-14	330 J:Y	720 J:Y		270 J:Y									
TIC-Unknown-15		520 J:Y	140 J:Y										1000 J:Z
TIC-Unknown-16		2300 J:Y											1600 J:Z
TIC-Unknown-17		380 J:Y											
TIC-Unknown-18		2000 J:Y											1500 J:Z
TIC-Unknown-19		560 J:Y											
TIC-Unknown-2	180 J:Y	150 J:Y	130 J:Y	89 J:Y	140 J:Y	100 J:Y	73 J:Y	89 J:Y	210 BJ:Z		75 J:Y	100 J:Y	250 J:Z
TIC-Unknown-20		740 J:Y											
TIC-Unknown-3	130 J:Y	230 J:Y	140 J:Y	78 J:Y	110 J:Y	80 J:Y	88 J:Y	100 J:Y	120 J:Z		100 J:Y	120 J:Y	210 J:Z
TIC-Unknown-4	170 J:Y	310 BJ:Y	220 J:Y	80 J:Y	91 J:Y	72 J:Y	83 J:Y	71 J:Y	83 J:Z		470 J:Y	93 J:Y	270 BJ:Z
TIC-Unknown-5	160 J:Y	200 J:Y	190 J:Y	160 J:Y	180 BJ:Y	98 J:Y	85 J:Y	94 J:Y	310 J:Z		240 J:Y	110 J:Y	170 J:Z
TIC-Unknown-6	140 J:Y	230 J:Y	340 J:Y	86 J:Y	77 J:Y	380 J:Y	77 J:Y	89 J:Y	93 J:Z		77 J:Y	190 J:Y	210 J:Z
TIC-Unknown-7	190 J:Y	550 J:Y	310 J:Y	120 J:Y	79 J:Y	150 J:Y	82 J:Y	220 J:Y	79 J:Z			290 J:Y	380 J:Z
TIC-Unknown-8	180 J:Y	220 J:Y	400 J:Y	160 J:Y	80 J:Y	83 J:Y	140 J:Y	77 J:Y	97 J:Z			140 J:Y	450 J:Z
TIC-Unknown-9	140 J:Y	200 J:Y	930 J:Y	110 J:Y	93 J:Y	120 J:Y	110 J:Y	250 J:Y	100 BJ:Z			90 J:Y	220 J:Z
Test Group:VOACLP Units: µg/kg													
TIC-Unknown		9 J:Z		15 BJ:Z	9 BJ:Z		13 BJ:Z						
TIC-Unknown Alkane-1							6 J:Z						
TIC-Unknown Alkane-2							6 J:Z						
TIC-Unknown-1						17 BJ:Z							9 J:Z
TIC-Unknown-2						7 J:Z							7 J:Z

TABLE B-17
Surface Soil TIC Results*
OU14 - IHSS 164.2

Sample Location:	SS457494	SS457594	SS457694	SS457794	SS457894	SS457894	SS457994	SS458094	SS458194	SS458294	SS458394	SS458494	SS458594
Sample Identification Number:	SSG2469JE	SSG2470JE	SSG2471JE	SSG2472JE	SSG2473JE	SSG2644JE	SSG2474JE	SSG2475JE	SSG2476JE	SSG2477JE	SSG2478JE	SSG2479JE	SSG2480JE
Date Sampled:	18-Oct-94	18-Oct-94	18-Oct-94	12-Oct-94	24-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94	24-Oct-94	19-Oct-94
Test Group:BNACLP Units: µg/kg													
1,1,2,2-Tetrachloroethane					160 J:Y	170 J:Y			90 J:Y			110 J:Y	
Octyl Phenol Isomer											170 J:Z		
Phenol, 4,4'-(1-methylethylide			310 J:Y								620 J:Z		
TIC-Aldol Condensation	12000 BJ:Y	9500 BJ:Y	12000 BJ:Y		5800 BJ:Y	6600 BJ:Y	13000 BJ:Y		5800 BJ:Y	10000 BJ:Y		6900 BJ:Y	3400 BJ:Y
TIC-Nonylphenol Isomer-1											410 J:Z		
TIC-Nonylphenol Isomer-2											390 J:Z		
TIC-Nonylphenol Isomer-3											280 J:Z		
TIC-Unknown													
TIC-Unknown Adipate	150 J:Y	230 J:Y	180 J:Y				270 J:Y			140 J:Y			
TIC-Unknown Alkane					90 J:Y								
TIC-Unknown Alkane-1	210 J:Y	220 J:Y	120 J:Y	71 BJ:Z			130 J:Y	110 BJ:Z		190 J:Y	140 BJ:Z	76 J:Y	89 J:Y
TIC-Unknown Alkane-2	250 J:Y	130 J:Y	100 J:Y	360 BJ:Z			220 J:Y	210 J:Z		190 J:Y	140 BJ:Z	94 J:Y	170 J:Y
TIC-Unknown Alkane-3	140 J:Y	160 J:Y	250 J:Y	100 BJ:Z			200 J:Y	280 J:Z		200 J:Y	170 BJ:Z	76 J:Y	260 J:Y
TIC-Unknown Alkane-4	190 J:Y	210 J:Y	110 J:Y	370 J:Z			170 J:Y			240 J:Y	480 J:Z		
TIC-Unknown Alkane-5	410 J:Y	460 J:Y	440 J:Y	390 J:Z			260 J:Y			250 J:Y	680 J:Z		
TIC-Unknown Alkane-6	440 J:Y	770 J:Y	500 J:Y	180 J:Z						610 J:Y	330 J:Z		
TIC-Unknown Alkane-7	650 J:Y									170 J:Y			
TIC-Unknown Alkane-8										630 J:Y			
TIC-Unknown C20H12-1													
TIC-Unknown C20H12-2													
TIC-Unknown C22H14													
TIC-Unknown Phthalate	230 J:Y												
TIC-Unknown-1	79 J:Y	140 J:Y	130 J:Y	3800 BJ:Z	75 J:Y	74 J:Y	93 J:Y	5800 BJ:Z	180 J:Y	99 J:Y	3300 BJ:Z	160 J:Y	120 J:Y
TIC-Unknown-10	220 J:Y	160 J:Y	110 J:Y	540 J:Z	140 J:Y	200 J:Y	160 J:Y	160 J:Z		2500 J:Y	240 J:Z		
TIC-Unknown-11	200 J:Y	210 J:Y	170 J:Y	380 J:Z	99 J:Y	110 J:Y	770 J:Y	220 J:Z		580 J:Y	300 J:Z		
TIC-Unknown-12		120 J:Y	320 J:Y	99 J:Z	81 J:Y	87 J:Y	240 J:Y	160 J:Z		180 J:Y			
TIC-Unknown-13	930 J:Z		280 J:Y	100 J:Y	320 J:Z				280 J:Z				
TIC-Unknown-14	760 J:Z		150 J:Y		560 J:Z				110 J:Z				
TIC-Unknown-15				140 J:Z									
TIC-Unknown-16				100 J:Z									
TIC-Unknown-17	1300 J:Z												
TIC-Unknown-18													
TIC-Unknown-19	580 J:Z												
TIC-Unknown-2	200 J:Y	100 J:Y	270 J:Y	500 J:Z	140 J:Y	120 J:Y	120 J:Y	80 J:Z	93 J:Y	100 J:Y	330 J:Z	84 J:Y	84 J:Y
TIC-Unknown-20													
TIC-Unknown-3	120 J:Y	77 J:Y	110 J:Y	150 J:Z	110 J:Y	76 J:Y	130 J:Y	380 BJ:Z		560 J:Y	340 J:Z		84 J:Y
TIC-Unknown-4	77 J:Y	93 J:Y	230 J:Y	120 J:Z	130 J:Y	110 J:Y	370 J:Y	120 J:Z		170 J:Y	380 J:Z		140 J:Y
TIC-Unknown-5	150 J:Y	87 J:Y	130 J:Y	120 J:Z	120 J:Y	80 J:Y	98 J:Y	94 J:Z		82 J:Y	310 BJ:Z		180 J:Y
TIC-Unknown-6	270 J:Y	250 J:Y	270 J:Y	5000 BJ:Z	170 J:Y	120 J:Y	110 J:Y	160 J:Z		84 J:Y	140 BJ:Z		86 J:Y
TIC-Unknown-7	450 J:Y	230 J:Y	280 J:Y	120 J:Z	110 J:Y	110 J:Y	130 J:Y	150 J:Z		93 J:Y	150 BJ:Z		890 J:Y
TIC-Unknown-8	270 J:Y	370 J:Y	190 J:Y	150 J:Z	260 J:Y	100 J:Y	100 J:Y	120 J:Z		210 J:Y	180 J:Z		380 J:Y
TIC-Unknown-9	170 J:Y	200 J:Y	110 J:Y	460 J:Z	210 J:Y	230 J:Y	320 J:Y	98 J:Z		840 J:Y	2300 J:Z		
Test Group:VOACLP Units: µg/kg													
TIC-Unknown			10 BJ:Z	14 J:Z		6 J:Z			6 J:Z				7 J:Z
TIC-Unknown Alkane-1				10 J:Z									
TIC-Unknown Alkane-2				6 J:Z									
TIC-Unknown-1													
TIC-Unknown-2													

TABLE B-17
Surface Soil TIC Results*
OU14 - IHSS 164.2

Sample Location:	SS458794	SS458894	SS458994	SS459094	SS459194	SS459294	SS459394	SS459494
Sample Identification Number:	SSG2482JE	SSG2483JE	SSG2484JE	SSG2485JE	SSG2486JE	SSG2487JE	SSG2488JE	SSG2489JE
Date Sampled:	24-Oct-94	19-Oct-94	12-Oct-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	11-Oct-94
Test Group:BNACLP Units: µg/kg								
1,1,2,2-Tetrachloroethane	83 J:Y							
Octyl Phenol Isomer								
Phenol, 4,4'-(1-methylethylide								
TIC-Aldol Condensation	2300 BJ:Y	6100 BJ:Y				4000 BJ:Z	4100 BJ:Z	3300 BJ:Z
TIC-Nonylphenol Isomer-1								
TIC-Nonylphenol Isomer-2								
TIC-Nonylphenol Isomer-3								
TIC-Unknown								
TIC-Unknown Adipate							140 J:Z	76 J:Z
TIC-Unknown Alkane								
TIC-Unknown Alkane-1		100 J:Y	120 J:Z	110 J:Z	150 J:Z	170 J:Z	140 J:Z	87 J:Z
TIC-Unknown Alkane-2		92 J:Y	170 BJ:Z	200 BJ:Z	230 BJ:Z	130 J:Z	140 J:Z	97 J:Z
TIC-Unknown Alkane-3		210 BJ:Y	170 BJ:Z	220 BJ:Z	240 BJ:Z	180 J:Z	130 J:Z	110 J:Z
TIC-Unknown Alkane-4		160 J:Y	310 BJ:Z	360 BJ:Z	350 BJ:Z	380 J:Z	440 J:Z	250 J:Z
TIC-Unknown Alkane-5		250 J:Y	500 J:Z	430 J:Z	230 BJ:Z	1200 J:Z	280 J:Z	150 J:Z
TIC-Unknown Alkane-6		87 J:Y	630 J:Z	430 J:Z	850 BJ:Z	270 J:Z	960 J:Z	480 J:Z
TIC-Unknown Alkane-7		310 J:Y			180 BJ:Z	1900 J:Z	200 J:Z	100 J:Z
TIC-Unknown Alkane-8					770 J:Z		850 J:Z	480 J:Z
TIC-Unknown C20H12-1								
TIC-Unknown C20H12-2								
TIC-Unknown C22H14								
TIC-Unknown Phthalate								
TIC-Unknown-1	88 J:Y	110 J:Y	3700 BJ:Z	6400 BJ:Z	7300 BJ:Z	160 J:Z	220 J:Z	98 J:Z
TIC-Unknown-10			370 J:Z	140 J:Z	110 J:Z	650 J:Z	3700 J:Z	1800 J:Z
TIC-Unknown-11			96 BJ:Z	290 J:Z	170 J:Z	290 J:Z	1900 J:Z	310 J:Z
TIC-Unknown-12			400 J:Z	440 J:Z	1700 J:Z	1100 J:Z	270 J:Z	
TIC-Unknown-13				180 J:Z	310 J:Z	1300 J:Z	1100 J:Z	
TIC-Unknown-14				870 J:Z	680 J:Z	260 J:Z	260 J:Z	
TIC-Unknown-15			740 J:Z	570 J:Z				
TIC-Unknown-16			190 J:Z	120 J:Z				
TIC-Unknown-17								
TIC-Unknown-18								
TIC-Unknown-19								
TIC-Unknown-2	120 J:Y	96 J:Y	240 BJ:Z	1500 BJ:Z	97 BJ:Z	180 J:Z	440 J:Z	140 J:Z
TIC-Unknown-20								
TIC-Unknown-3	92 J:Y	150 J:Y	590 J:Z	360 J:Z	660 J:Z	290 J:Z	91 J:Z	76 J:Z
TIC-Unknown-4		92 J:Y	93 J:Z	420 J:Z	210 BJ:Z	180 J:Z	440 J:Z	190 J:Z
TIC-Unknown-5		3100 J:Y	490 J:Z	420 J:Z	780 J:Z	280 J:Z	98 J:Z	140 J:Z
TIC-Unknown-6		890 J:Y	470 J:Z	200 J:Z	110 J:Z	120 J:Z	110 J:Z	110 J:Z
TIC-Unknown-7		200 J:Y	270 J:Z	180 J:Z	130 J:Z	1000 J:Z	130 J:Z	140 J:Z
TIC-Unknown-8			210 J:Z	140 J:Z	100 J:Z	540 J:Z	140 J:Z	1000 J:Z
TIC-Unknown-9			220 J:Z	210 J:Z	330 J:Z	140 BJ:Z	300 J:Z	3900 J:Z
Test Group:VOACLP Units: µg/kg								
TIC-Unknown					14 J:Z			
TIC-Unknown Alkane-1								
TIC-Unknown Alkane-2								
TIC-Unknown-1								
TIC-Unknown-2								

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TIC = tentatively identified compound
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organics
Y = Validation Qualifier: in the process of being validated
Z = Validation Qualifier: validation not requested or performed
? = Data has not been through the validation process
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-18
Surface Soil Results*
OU14 - IHSS 164.3

Sample Location:	SS462094	SS462194	SS462294	SS462394	SS462494	SS462594	SS462694	SS462794	SS462894	SS462994
Sample Identification Number:	SSG2515JE	SSG2516JE	SSG2517JE	SSG2518JE	SSG2519JE	SSG2520JE	SSG2521JE	SSG2522JE	SSG2523JE	SSG2524JE
Date Sampled:	28-Sep-94	28-Sep-94	30-Sep-94	30-Sep-94	30-Sep-94	30-Sep-94	30-Sep-94	30-Sep-94	27-Sep-94	27-Sep-94
Test Group:TRADS Units: pCi/g										
AMERICIUM-241	.019(.012) U:Y	.012(.004) J:Y	.024(.012) :Y	.038(.013) :Y	.045(.016) :Y	.048(.016) :Y	.042(.012) :Y	.024(.01) :Y	.058(.016) :Y	.009(.011) U:Y
GROSS ALPHA	11(2.9) :Y	18(3.7) :Y	14(3.2) :Y	19(3.5) :Y	18(3.7) :Y	25(4.3) :Y	17(3.6) :Y	19(3.6) :Y	18(3.8) :Y	13(3.5) :Y
GROSS BETA	24(3.3) :Y	26(3.4) :Y	24(3.3) :Y	23(3.3) :Y	25(4.8) :Y	27(4.7) :Y	28(4.1) :Y	21(4.5) :Y	28(3.6) :Y	30(3.5) :Y
PLUTONIUM-239/240	.1(.017) :Y	.035(.009) :Y	.082(.012) :Y	.12(.016) :Y	.11(.014) :Y	.13(.015) :Y	.069(.011) :Y	.12(.014) :Y	.12(.016) :Y	.052(.01) :Y
URANIUM-233,-234	.58(.086) :Y	.62(.12) :Y	.66(.13) :Y	.85(.2) :Y	.78(.14) :Y	.85(.14) :Y	.64(.13) :Y	.67(.14) :Y	.73(.12) :Y	.81(.11) :Y
URANIUM-235	.043(.026) J:Y	.055(.033) J:Y	.019(.025) U:Y	.038(.05) U:Y	.024(.036) U:Y	.012(.037) U:Y	.067(.04) J:Y	.052(.039) J:Y	.059(.032) J:Y	.042(.03) J:Y
URANIUM-238	.68(.093) :Y	.69(.12) :Y	.65(.12) :Y	.78(.2) :Y	.69(.13) :Y	.95(.15) :Y	.73(.14) :Y	.94(.15) :Y	.98(.15) :Y	.84(.11) :Y

Sample Location:	SS463094	SS463194	SS463294	SS463394	SS463494	SS463494	SS463594	SS463694	SS463794	SS463894
Sample Identification Number:	SSG2525JE	SSG2526JE	SSG2527JE	SSG2528JE	SSG2529JE	SSG2614JE	SSG2530JE	SSG2531JE	SSG2532JE	SSG2533JE
Date Sampled:	28-Sep-94	29-Sep-94	4-Oct-94	4-Oct-94	4-Oct-94	4-Oct-94	4-Oct-94	30-Sep-94	30-Sep-94	27-Sep-94
Test Group:TRADS Units: pCi/g										
AMERICIUM-241	.018(.005) J:Y	.017(.008) J:Y	.024(.009) :Y	.007(.005) J:Y	.011(.005) J:Y	.017(.011) J:Y	.014(.007) J:Y	.047(.014) :Y	.09(.021) :Y	.11(.009) :Y
GROSS ALPHA	9.9(3.2) :Y	17(3.6) :Y	12(2.7) :Y	24(3.8) :Y	30(4.1) :Y	14(3.1) :Y	12(3.2) :Y	15(3.2) :Y	26(4.1) :Y	21(4.1) :Y
GROSS BETA	24(3.2) :Y	25(3.3) :Y	23(3.2) :Y	33(3.8) :Y	24(4.4) :Y	21(3.3) :Y	17(3.5) :Y	26(3.5) :Y	42(4) :Y	48(4.2) :Y
PLUTONIUM-239/240	.098(.015) :Y	.1(.021) :Y	.064(.012) :Y	.028(.008) J:Y	.02(.007) J:Y	.026(.007) J:Y	.054(.011) :Y	.17(.017) :Y	.4(.028) :Y	.32(.03) :Y
URANIUM-233,-234	.53(.093) :Y	.71(.16) :Y	.55(.15) :Y	1.4(.24) :Y	2.4(.33) :Y	.71(.14) :Y	.79(.17) :Y	.92(.14) :Y	1.7(.27) :Y	3.9(.31) :Y
URANIUM-235	.004(.016) U:Y	.056(.056) U:Y	.033(.045) U:Y	.18(.076) J:Y	.14(.073) J:Y	.044(.044) U:Y	.06(.052) U:Y	.057(.042) J:Y	.21(.093) J:Y	.4(.085) :Y
URANIUM-238	.57(.094) :Y	.73(.16) :Y	.64(.16) :Y	4.7(.54) :Y	5.1(.56) :Y	.85(.16) :Y	1(.19) :Y	1.2(.16) :Y	11(1) :Y	14(.88) :Y

Sample Location:	SS463994	SS464094	SS464194	SS464294	SS464394	SS464394	SS464494	SS464594	SS464694	SS464794
Sample Identification Number:	SSG2534JE	SSG2535JE	SSG2536JE	SSG2537JE	BFG0134JE	SSG2538JE	SSG2539JE	SSG2540JE	SSG2541JE	SSG2542JE
Date Sampled:	27-Sep-94	28-Sep-94	4-Oct-94	19-Oct-94	19-Oct-94	19-Oct-94	10-Oct-94	27-Sep-94	27-Sep-94	28-Sep-94
Test Group:TRADS Units: pCi/g										
AMERICIUM-241	.012(.015) U:Y	.011(.003) J:Y	.082(.015) :Y	.29(.033) :Y	(.001) U:V	-.001(.001) U:Y	.015(.01) J:Y	.052(.015) :Y	.046(.015) :Y	.004(.002) J:Y
GROSS ALPHA	14(3.3) :Y	13(3.1) :Y	18(3.4) :Y	22(3.8) :Y	12(3.1) :R	16(3.3) :Y	13(3.2) :Y	21(3.8) :Y	12(3.1) :Y	7.4(2.5) :Y
GROSS BETA	28(3.4) :Y	23(3.4) :Y	25(3.3) :Y	27(3.6) :Y	21(3.2) :A	26(3.4) :Y	30(3.4) :Y	28(3.7) :Y	26(3.5) :Y	29(3.6) :Y
PLUTONIUM-239/240	.062(.012) :Y	.017(.007) J:Y	.31(.029) :Y	1.1(.056) :Y	.003(.004) U:V	.004(.003) U:Y	.005(.005) U:Y	.22(.025) :Y	.12(.02) :Y	.011(.005) J:Y
URANIUM-233,-234	3.8(.33) :Y	.68(.096) :Y	.67(.17) :Y	3.2(.41) :Y	.48(.11) :V	.61(.16) :Y	.75(.16) :Y	1.9(.19) :Y	.81(.12) :Y	.8(.13) :Y
URANIUM-235	.082(.039) J:Y	.036(.029) J:Y	.032(.043) U:Y	.18(.076) J:Y	.017(.022) U:V	.034(.046) U:Y	.037(.037) U:Y	.16(.05) J:Y	.017(.025) U:Y	.015(.02) U:Y
URANIUM-238	.86(.13) :Y	.61(.09) :Y	.78(.17) :Y	3.6(.44) :Y	.54(.11) :V	.63(.16) :Y	1.1(.2) :Y	3.2(.27) :Y	1.1(.14) :Y	.72(.12) :Y

TABLE B-18
Surface Soil Results*
OU14 - IHSS 164.3

Sample Location:	SS464794	SS464894	SS464994	SS464994	SS465094	SS465194	SS465194	SS465294	SS465394	SS465494
Sample Identification Number:	SSG2599JE	SSG2543JE	BFG0131JE	SSG2544JE	SSG2545JE	BFG0132JE	SSG2546JE	SSG2547JE	SSG2548JE	SSG2549JE
Date Sampled:	28-Sep-94	29-Sep-94	5-Oct-94	5-Oct-94	5-Oct-94	6-Oct-94	6-Oct-94	6-Oct-94	6-Oct-94	6-Oct-94
Test Group:TRADS Units: pCi/g										
AMERICIUM-241	.006(.002) J:Y	.019(.006) J:Y	.001(.01) U:V	.012(.01) J:Y	-.004(.008) U:Y	.004(.009) U:V	.019(.009) J:Y	.16(.024) :Y	.084(.018) :Y	.009(.011) U:Y
GROSS ALPHA	9(2.7) :Y	17(3.9) :Y	23(3.9) :A	14(3) :Y	35(4.9) :Y	29(5.1) :A	14(3.2) :Y	20(3.8) :Y	14(3.8) :Y	47(6.5) :Y
GROSS BETA	30(3.5) :Y	36(3.9) :Y	36(4.1) :A	16(4.2) :Y	36(4.9) :Y	37(3.8) :A	22(3.2) :Y	25(3.5) :Y	23(3.5) :Y	48(4.1) :Y
PLUTONIUM-239/240	.016(.008) J:Y	.067(.015) :Y	.007(.006) U:V	.047(.012) :Y	.014(.007) J:Y	.008(.005) J:V	.089(.014) :Y	.75(.045) :Y	.4(.032) :Y	.003(.006) U:Y
URANIUM-233,-234	.71(.12) :Y	1.1(.23) :Y	.74(.16) :V	.65(.16) :Y	1.1(.19) :Y	1(.24) :V	.71(.17) :Y	1.3(.25) :Y	1(.21) :Y	1.1(.21) :Y
URANIUM-235	.037(.038) U:Y	.084(.064) J:Y	(.019) U:V	.049(.04) U:Y	.053(.053) U:Y	.061(.049) U:V	.043(.043) U:Y	.045(.045) U:Y	.043(.043) U:Y	.082(.062) J:Y
URANIUM-238	.81(.13) :Y	1(.21) :Y	.79(.17) :V	.65(.16) :Y	1.1(.19) :Y	.85(.2) :V	.75(.17) :Y	.91(.2) :Y	.93(.19) :Y	1.1(.22) :Y

Sample Location:	SS465594	SS465694	SS465794	SS465894	SS465994	SS466094	SS466194	SS466294	SS466594
Sample Identification Number:	SSG2550JE	SSG2551JE	SSG2552JE	SSG2553JE	SSG2554JE	SSG2555JE	SSG2556JE	SSG2557JE	SSG2560JE
Date Sampled:	6-Oct-94	6-Oct-94	28-Sep-94	29-Sep-94	4-Oct-94	4-Oct-94	10-Oct-94	10-Oct-94	4-Oct-94
Test Group:TRADS Units: pCi/g									
AMERICIUM-241	-.001(.01) U:Y	-.001(.012) U:Y	.04(.008) :Y	.014(.008) J:Y	.24(.036) :Y	.36(.031) :Y	.007(.008) U:Y	.034(.015) :Y	.011(.015) U:Y
GROSS ALPHA	24(4.4) :Y	28(4.5) :Y	8(2.8) :Y	9.7(3.2) :Y	24(4.1) :Y	18(3.2) :Y	19(3.7) :Y	15(3.2) :Y	11(3.5) :Y
GROSS BETA	34(3.7) :Y	33(3.8) :Y	29(3.4) :Y	35(3.6) :Y	26(3.4) :Y	29(3.5) :Y	41(4) :Y	23(3.4) :Y	23(3.2) :Y
PLUTONIUM-239/240	-.001(.002) U:Y	.001(.001) U:Y	.17(.022) :Y	.065(.011) :Y	1.4(.054) :Y	2.2(.083) :Y	.011(.008) J:Y	.13(.019) :Y	.13(.018) :Y
URANIUM-233,-234	.88(.21) :Y	.63(.16) :Y	.83(.12) :Y	.66(.15) :Y	.74(.19) :Y	.47(.14) :Y	.51(.13) :Y	.75(.16) :Y	.83(.2) :Y
URANIUM-235	.058(.047) U:Y	.035(.047) U:Y	.065(.035) J:Y	.01(.019) U:Y	.037(.049) U:Y	.04(.04) U:Y	.017(.034) U:Y	.018(.035) U:Y	.045(.045) U:Y
URANIUM-238	.92(.21) :Y	.82(.19) :Y	.84(.12) :Y	1.2(.22) :Y	.69(.17) :Y	.64(.16) :Y	.54(.13) :Y	.68(.15) :Y	.71(.18) :Y

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995,data extraction from RFEDS

TABLE B-19
Surface Soil Data Summary - All Results***
OU14 - IHSS 164.3

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.03	**	**	**	**	-.004(.008) U:Y	SS465094 (1)	.36(.031) :Y	SS466094 (1)	52	52	0.0424
GROSS ALPHA	4	**	**	**	**	7.4(2.5) :Y	SS464794 (1)	47(6.5) :Y	SS465494 (1)	50	50	18.4
GROSS BETA	4	**	**	**	**	16(4.2) :Y	SS464994 (1)	48(4.2) :Y	SS463894 (2)	52	52	28.4231
PLUTONIUM-239/240	0.005	**	**	**	**	-.001(.002) U:Y	SS465594 (1)	2.2(.083) :Y	SS466094 (1)	52	52	0.1845
URANIUM-233,-234	0.07	**	**	**	**	.47(.14) :Y	SS466094 (1)	3.9(.31) :Y	SS463894 (1)	52	52	1.0083
URANIUM-235	0.09	**	**	**	**	(.019) U:V:Y	SS464994 (2)	.4(.085) :Y	SS463894 (1)	52	52	0.0597
URANIUM-238	0.07	**	**	**	**	.54(.11) :V	SS464394 (3)	14(.88) :Y	SS463894 (1)	52	52	1.5187

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS430994	SS430994	SS432094	SS432094	SS434894	SS434894	SS436194	SS436194	SS436494	SS436494
Sample Identification Number:			SSG2204JE	SSG2666JE	SSG2215JE	SSG2664JE	SSG2243JE	SSG2598JE	SSG2256JE	SSG2610JE	SSG2259JE	SSG2655JE
Date Sampled:	MDL	PRG / BKGND	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	27-Sep-94	27-Sep-94	3-Oct-94	3-Oct-94	3-Nov-94	3-Nov-94
Test Group:BNACLP Units: µg/kg												
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0	53 J:Y-									
ACENAPHTHENE	330	1.65E 7 / 0.00E 0	490 :Y	380 J:Y								
ANTHRACENE	330	8.23E 7 / 0.00E 0	640 :Y	460 J:Y								
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0	1400 :Y*	1200 :Y*								
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0	1200 :Y*	860 :Y*								
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0	2500 :Y*	1900 :Y*								
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0										
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0	780 :Y	620 J:Y								
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0	100 J:Y	150 J:Y								
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0	69 BJ:Y									
CHRYSENE	330	8.77E 4 / 0.00E 0	1500 :Y	1400 :Y								
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0		120 J:Y								
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0	160 J:Y*	110 J:Y*								
DIBENZOFURAN	330	0.00E 0 / 0.00E 0	140 J:Y-	120 J:Y-								
FLUORANTHENE	330	1.10E 7 / 0.00E 0	3400 E:Y	2900 :Y								
FLUORENE	330	1.10E 7 / 0.00E 0	420 :Y	330 J:Y								
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0	440 :Y	320 J:Y								
NAPHTHALENE	330	1.10E 7 / 0.00E 0	81 J:Y	75 J:Y								
PHENANTHRENE	330	0.00E 0 / 0.00E 0	3000 E:Y-	2300 :Y-								
PYRENE	330	8.23E 6 / 0.00E 0	3700 E:Y	3100 :Y								
Test Group:METADD Units: mg/kg												
LITHIUM	100	5.49E 3 / 20.00E 0	4 B:V	7.8 B:V								
MOLYBDENUM	200	1.37E 3 / 40.00E 0										
STRONTIUM	200	1.65E 5 / 90.10E 0	15.2 B:V	18.2 B:V								
TIN	200	0.00E 0 / 75.90E 0		4.6 B:V								
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	7.96E 5 / 21915.40E 0	5030 :JA	7270 :JA								
ANTIMONY	60	1.10E 2 / 50.00E 0										
ARSENIC	10	3.66E-1 / 12.90E 0	2.9 :V*	3.2 :V*								
BARIUM	200	1.91E 4 / 528.00E 0	41.5 :V	80.8 :V								
BERYLLIUM	5	1.49E-1 / 5.20E 0	.35 B:V*	.45 B:V*								
CADMIUM	5	1.37E 2 / 5.00E 0	.63 B:V	.55 B:V								
CALCIUM	5000	0.00E 0 / 13573.30E 0	3510 I:JA	3520 I:JA								
CHROMIUM	10	9.39E 2 / 24.80E 0	12.7 :V	11.2 :V								
COBALT	50	1.65E 4 / 24.80E 0	3.8 B:JA	29.7 :JA#								
COPPER	25	1.10E 4 / 27.30E 0	10.7 :JA	74.1 :JA#								
IRON	100	0.00E 0 / 28160.40E 0	7630 :V	10700 :V								
LEAD	3	0.00E 0 / 61.40E 0	8.8 :V	17.6 :V								
MAGNESIUM	5000	0.00E 0 / 7011.50E 0	1270 :V	1940 :V								
MANGANESE	15	1.36E 3 / 2253.50E 0	82.7 :JA	210 :JA								
MERCURY	0.2	8.23E 1 / 0.20E 0		.056 B:V								
NICKEL	40	5.49E 3 / 26.90E 0	6.4 B:V	9.4 :V								
POTASSIUM	5000	0.00E 0 / 5256.80E 0	1310 :V	1400 :V								
SILVER	10	1.37E 3 / 10.00E 0		4.1 :JA								
SODIUM	5000	0.00E 0 / 1108.00E 0		150 B:V								
VANADIUM	50	1.92E 3 / 55.60E 0	15.4 :V	21 :V								
ZINC	20	8.23E 4 / 86.60E 0	73.2 :V	54 :V								
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0	2.37E 0 / 6.34E-2						.006(.005) J:V				
GROSS ALPHA	0	0.00E 0 / 44.56E 0			12(2.8) :Y	14(3.1) :Y	16(3.6) :A	22(4.4) :A	3.6(2) J:Y	12(3.1) :Y	8.4(2.3) :Y	8(2.5) :Y
GROSS BETA	0	0.00E 0 / 55.35E 0			32(3.7) :Y	34(3.6) :Y	39(3.8) :A	35(3.7) :A	22(3.4) :Y	28(3.4) :Y	20(3.4) :Y	22(3.2) :Y
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2				.036(.017) :Y	.006(.004) J:V					
URANIUM, TOTAL	0	E 0 / E 0										

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS430994	SS430994	SS432094	SS432094	SS434894	SS434894	SS436194	SS436194	SS436494	SS436494
Sample Identification Number:			SSG2204JE	SSG2666JE	SSG2215JE	SSG2664JE	SSG2243JE	SSG2598JE	SSG2256JE	SSG2610JE	SSG2259JE	SSG2655JE
Date Sampled:	MDL	PRG / BKGND	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	27-Sep-94	27-Sep-94	3-Oct-94	3-Oct-94	3-Nov-94	3-Nov-94
URANIUM-233,-234	0	4.47E 1 / 17.69E-1			.41(.13) :Y	.41(.14) :Y	.74(.2) :V	.74(.2) :V	.5(.13) :Y	.84(.18) :Y	.62(.21) :Y	.45(.19) :Y
URANIUM-235	0	1.73E-1 / 19.83E-2							.082(.055) J:Y	.12(.062) J:Y		
URANIUM-238	0	8.00E-1 / 19.12E-1			.4(.13) :Y	.46(.14) :Y	.75(.18) :V	.75(.19) :V	.54(.14) :Y	.74(.18) :Y	.54(.18) :Y	.67(.22) :Y
Test Group:VOACLP Units: µg/kg												
ACETONE	10	2.74E 7 / 0.00E 0	30 B:Y	53 B:Y								
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0	2 BJ:Y	3 J:Y								
TETRACHLOROETHENE	5	1.23E 4 / 0.00E 0	120 :Y	140 :Y								
TOLUENE	5	5.49E 7 / 0.00E 0		3 J:Y								
UNKNOWN TIC	0	E 0 / E 0		6 J:Y-								
UNKNOWN TIC ; ALDOL CONDENSATION	0	E 0 / E 0		8 J:Y-								
UNKNOWN TIC ; ALKANE	0	E 0 / E 0		6 J:Y-								
UNKNOWN TIC ; C5H10	0	E 0 / E 0		6 J:Y-								
UNKNOWN TIC ; C9H12	0	E 0 / E 0		21 J:Y-								

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TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS436994	SS436994	SS437694	SS437694	SS438294	SS438294	SS439394	SS439394	SS439694
Sample Identification Number:			SSG2264JE	SSG2611JE	SSG2271JE	SSG2661JE	SSG2277JE	SSG2604JE	SSG2288JE	SSG2642JE	SSG2291JE
Date Sampled:	MDL	PRG / BKGND	3-Oct-94	3-Oct-94	10-Nov-94	10-Nov-94	29-Sep-94	29-Sep-94	20-Oct-94	20-Oct-94	5-Oct-94
Test Group:BNACLP Units: µg/kg											
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0									
ACENAPHTHENE	330	1.65E 7 / 0.00E 0									
ANTHRACENE	330	8.23E 7 / 0.00E 0									
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0									
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0									
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0									
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0									
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0									
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0									
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0									
CHRYSENE	330	8.77E 4 / 0.00E 0									
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0									
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0									
DIBENZOFURAN	330	0.00E 0 / 0.00E 0									
FLUORANTHENE	330	1.10E 7 / 0.00E 0									
FLUORENE	330	1.10E 7 / 0.00E 0									
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0									
NAPHTHALENE	330	1.10E 7 / 0.00E 0									
PHENANTHRENE	330	0.00E 0 / 0.00E 0									
PYRENE	330	8.23E 6 / 0.00E 0									
Test Group:METADD Units: mg/kg											
LITHIUM	100	5.49E 3 / 20.00E 0									
MOLYBDENUM	200	1.37E 3 / 40.00E 0									
STRONTIUM	200	1.65E 5 / 90.10E 0									
TIN	200	0.00E 0 / 75.90E 0									
Test Group:SMETCLP Units: mg/kg											
ALUMINUM	200	7.96E 5 / 21915.40E 0									
ANTIMONY	60	1.10E 2 / 50.00E 0									
ARSENIC	10	3.66E-1 / 12.90E 0									
BARIUM	200	1.91E 4 / 528.00E 0									
BERYLLIUM	5	1.49E-1 / 5.20E 0									
CADMIUM	5	1.37E 2 / 5.00E 0									
CALCIUM	5000	0.00E 0 / 13573.30E 0									
CHROMIUM	10	9.39E 2 / 24.80E 0									
COBALT	50	1.65E 4 / 24.80E 0									
COPPER	25	1.10E 4 / 27.30E 0									
IRON	100	0.00E 0 / 28160.40E 0									
LEAD	3	0.00E 0 / 61.40E 0									
MAGNESIUM	5000	0.00E 0 / 7011.50E 0									
MANGANESE	15	1.36E 3 / 2253.50E 0									
MERCURY	0.2	8.23E 1 / 0.20E 0									
NICKEL	40	5.49E 3 / 26.90E 0									
POTASSIUM	5000	0.00E 0 / 5256.80E 0									
SILVER	10	1.37E 3 / 10.00E 0									
SODIUM	5000	0.00E 0 / 1108.00E 0									
VANADIUM	50	1.92E 3 / 55.60E 0									
ZINC	20	8.23E 4 / 86.60E 0									
Test Group:TRADS Units: pCi/g											
AMERICIUM-241	0	2.37E 0 / 6.34E-2					.025(.013) :Y	.021(.011) :Y			.019(.01) J:Y
GROSS ALPHA	0	0.00E 0 / 44.56E 0	16(3.3) :Y	29(4.7) :Y	18(3.4) :Y	14(3.1) :Y	24(4.3) :Y	13(3.1) :Y	28(4) :Y	26(4.1) :Y	14(3.4) :Y
GROSS BETA	0	0.00E 0 / 55.35E 0	27(3.4) :Y	26(3.4) :Y	29(3.4) :Y	30(3.7) :Y	31(3.6) :Y	26(3.6) :Y	32(3.5) :Y	30(3.7) :Y	25(3.3) :Y
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2	.026(.009) J:Y	.01(.005) J:Y	.018(.009) J:Y	.011(.008) J:Y	.06(.016) :Y	.086(.016) :Y	.011(.005) J:Y	.023(.009) J:Y	.12(.019) :Y
URANIUM, TOTAL	0	E 0 / E 0									

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TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS436994	SS436994	SS437694	SS437694	SS438294	SS438294	SS439394	SS439394	SS439694
Sample Identification Number:			SSG2264JE	SSG2611JE	SSG2271JE	SSG2661JE	SSG2277JE	SSG2604JE	SSG2288JE	SSG2642JE	SSG2291JE
Date Sampled:	MDL	PRG / BKGND	3-Oct-94	3-Oct-94	10-Nov-94	10-Nov-94	29-Sep-94	29-Sep-94	20-Oct-94	20-Oct-94	5-Oct-94
URANIUM-233,-234	0	4.47E 1 / 17.69E-1	.87(.18) :Y	.92(.24) :Y	.75(.19) :Y	.83(.22) :Y	.84(.19) :Y	.85(.13) :Y	.96(.22) :Y	1(.22) :Y	.66(.16) :Y
URANIUM-235	0	1.73E-1 / 19.83E-2						.063(.039) J:Y		.098(.074) J:Y	
URANIUM-238	0	8.00E-1 / 19.12E-1	.86(.18) :Y	.73(.21) :Y	.78(.19) :Y	.66(.2) :Y	.66(.17) :Y	.76(.12) :Y	1.2(.25) :Y	.96(.22) :Y	.82(.18) :Y
Test Group:VOACLP Units: µg/kg											
ACETONE	10	2.74E 7 / 0.00E 0									
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0									
TETRACHLOROETHENE	5	1.23E 4 / 0.00E 0									
TOLUENE	5	5.49E 7 / 0.00E 0									
UNKNOWN TIC	0	E 0 / E 0									
UNKNOWN TIC ; ALDOL CONDENSATION	0	E 0 / E 0									
UNKNOWN TIC ; ALKANE	0	E 0 / E 0									
UNKNOWN TIC ; C5H10	0	E 0 / E 0									
UNKNOWN TIC ; C9H12	0	E 0 / E 0									

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TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS439694	SS440094	SS440094	SS440294	SS440294	SS440894	SS440894	SS443194	SS443194	SS443394
Sample Identification Number:			SSG2616JE	SSG2295JE	SSG2565JE	SSG2297JE	SSG2562JE	SSG2303JE	SSG2568JE	SSG2326JE	SSG2573JE	SSG2328JE
Date Sampled:	MDL	PRG / BKGND	5-Oct-94	31-Aug-94	31-Aug-94	29-Aug-94	29-Aug-94	2-Sep-94	2-Sep-94	8-Sep-94	8-Sep-94	16-Sep-94
Test Group:BNACLP Units: µg/kg												
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0										
ACENAPHTHENE	330	1.65E 7 / 0.00E 0										
ANTHRACENE	330	8.23E 7 / 0.00E 0										
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0										
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0										
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0										
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0										
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0										
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0										
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0										
CHRYSENE	330	8.77E 4 / 0.00E 0										
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0										
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0										
DIBENZOFURAN	330	0.00E 0 / 0.00E 0										
FLUORANTHENE	330	1.10E 7 / 0.00E 0										
FLUORENE	330	1.10E 7 / 0.00E 0										
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0										
NAPHTHALENE	330	1.10E 7 / 0.00E 0										
PHENANTHRENE	330	0.00E 0 / 0.00E 0										
PYRENE	330	8.23E 6 / 0.00E 0										
Test Group:METADD Units: mg/kg												
LITHIUM	100	5.49E 3 / 20.00E 0		9.3 B:JA	16.6 B:JA	5.5 B:JA	4.1 B:JA	3.9 B:JA	3.8 B:JA			3.9 B:JA
MOLYBDENUM	200	1.37E 3 / 40.00E 0		5 B:JA	4.5 B:JA							
STRONTIUM	200	1.65E 5 / 90.10E 0		18.5 B:JA	18.1 B:JA	14.4 B:JA	8.3 B:JA	17.8 B:JA	17.8 B:JA			12.3 B:JA
TIN	200	0.00E 0 / 75.90E 0										
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	7.96E 5 / 21915.40E 0		8240 :V	8610 :V	3970 :V	3140 :V	4180 :V	3930 :V			3550 :V
ANTIMONY	60	1.10E 2 / 50.00E 0										3.4 B:JA
ARSENIC	10	3.66E-1 / 12.90E 0		3.2 :V*	3 :V*	3 :V*	1.9 B:V*	3.3 :V*	3 :V*			2.2 :JA*
BARIUM	200	1.91E 4 / 528.00E 0		103 :V	97.3 :V	49.8 :V	39.6 B:V	37.4 B:V	38.2 B:V			40.3 :V
BERYLLIUM	5	1.49E-1 / 5.20E 0		.75 B:V*	.85 B:V*	.37 B:V*	.25 B:V*	.27 B:V*	.2 B:V*			.26 B:V*
CADMIUM	5	1.37E 2 / 5.00E 0										
CALCIUM	5000	0.00E 0 / 13573.30E 0		13400 :V	13500 :V	5740 :V	1490 :V	4640 I:JA	4610 I:JA			2920 :V
CHROMIUM	10	9.39E 2 / 24.80E 0		8.3 :JA	7.8 :JA	10.6 :V	13.1 :V	6.7 :V	10.3 :V			5.4 :V
COBALT	50	1.65E 4 / 24.80E 0		13.8 :V	15.6 :V	4.3 B:V	3.5 B:V	3.5 B:V	3.5 B:V			3 B:V
COPPER	25	1.10E 4 / 27.30E 0		26.9 :V	39.7 :V#	15.3 :V	10.7 :V	19.7 :JA	14.8 :JA			12.1 :V
IRON	100	0.00E 0 / 28160.40E 0		27600 :V	27700 :V	8630 :V	6870 :V	8070 :V	7540 :V			7380 :V
LEAD	3	0.00E 0 / 61.40E 0		4.5 :JA	5 :JA	11.8 :V	56.6 :V	16.3 :V	10.9 :V			11.4 :V
MAGNESIUM	5000	0.00E 0 / 7011.50E 0		5850 :V	7830 :V#	1510 :V	1610 :V	2350 :V	2320 :V			1620 :V
MANGANESE	15	1.36E 3 / 2253.50E 0		635 :V	655 :V	168 :JA	169 :JA	159 :V	158 :V			157 :V
MERCURY	0.2	8.23E 1 / 0.20E 0				.12 :V						
NICKEL	40	5.49E 3 / 26.90E 0		8.4 B:V	11.5 :V	8.3 B:V	5.7 B:V	6.4 B:V	6 B:V			3 B:V
POTASSIUM	5000	0.00E 0 / 5256.80E 0		3760 :V	3130 :V	1000 B:V	927 B:V	971 B:V	958 B:V			1130 :V
SILVER	10	1.37E 3 / 10.00E 0		3.6 :JA	2.8 :JA							
SODIUM	5000	0.00E 0 / 1108.00E 0		174 B:JA	166 :JA	289 B:V	160 B:V	308 B:V	247 B:V			116 B:V
VANADIUM	50	1.92E 3 / 55.60E 0		45.6 :V	43.7 :V	16.8 :V	12.2 :V	16 :V	14.1 :V			11.9 :V
ZINC	20	8.23E 4 / 86.60E 0		73.3 :V	78.6 :V	42.3 :JA	60.9 :JA	40.7 :V	40.2 :V			35.6 :V
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0	2.37E 0 / 6.34E-2	.035(.012) :Y									
GROSS ALPHA	0	0.00E 0 / 44.56E 0	15(3.1) :Y	9.3(3.4) :A	15(3.8) :A	6.3(2.8) :A	8.2(2.8) :A	9(3.7) :A	8.9(3.8) :A	17(3.6) :Y	22(3.9) :Y	8.9(2.4) :A
GROSS BETA	0	0.00E 0 / 55.35E 0	25(3.3) :Y	27(2.5) :A	29(2.6) :A	28(3.4) :A	35(3.6) :A	24(3.6) :A	26(3.7) :A	32(3.6) :Y	34(3.6) :Y	28(3.5) :A
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2	.14(.018) :Y	.023(.007) J:V	.019(.006) J:V	.025(.011) J:V	.052(.01) :V	.049(.011) :V	.048(.009) :V	9(.66) :Y	10(.29) :Y	.028(.007) J:V
URANIUM, TOTAL	0	E 0 / E 0		1.6 :Y-	2 :Y-	1.4 :Y-	1.2 :Y-	1.4 :Y-	1.7 :Y-	2.4 :Y-	1.9 :Y-	1.9 :Y-

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS439694	SS440094	SS440094	SS440294	SS440294	SS440894	SS440894	SS443194	SS443194	SS443394
Sample Identification Number:			SSG2616JE	SSG2295JE	SSG2565JE	SSG2297JE	SSG2562JE	SSG2303JE	SSG2568JE	SSG2326JE	SSG2573JE	SSG2328JE
Date Sampled:	MDL	PRG / BKGND	5-Oct-94	31-Aug-94	31-Aug-94	29-Aug-94	29-Aug-94	2-Sep-94	2-Sep-94	8-Sep-94	8-Sep-94	16-Sep-94
URANIUM-233,-234	0	4.47E 1 / 17.69E-1	.62(.16) :Y									
URANIUM-235	0	1.73E-1 / 19.83E-2										
URANIUM-238	0	8.00E-1 / 19.12E-1	.85(.18) :Y									
Test Group:VOACLP Units: µg/kg												
ACETONE	10	2.74E 7 / 0.00E 0										
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0										
TETRACHLOROETHENE	5	1.23E 4 / 0.00E 0										
TOLUENE	5	5.49E 7 / 0.00E 0										
UNKNOWN TIC	0	E 0 / E 0										
UNKNOWN TIC ; ALDOL CONDENSATION	0	E 0 / E 0										
UNKNOWN TIC ; ALKANE	0	E 0 / E 0										
UNKNOWN TIC ; C5H10	0	E 0 / E 0										
UNKNOWN TIC ; C9H12	0	E 0 / E 0										

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TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS443394	SS444094	SS444094	SS444294	SS444294	SS444594	SS444594	SS444994	SS444994	SS450494
Sample Identification Number:			SSG2584JE	SSG2335JE	SSG2575JE	SSG2337JE	SSG2585JE	SSG2340JE	SSG2580JE	SSG2344JE	SSG2576JE	SSG2399JE
Date Sampled:	MDL	PRG / BKGND	16-Sep-94	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	13-Sep-94	13-Sep-94	8-Sep-94	8-Sep-94	21-Sep-94
Test Group:BNACLP Units: µg/kg												
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0										
ACENAPHTHENE	330	1.65E 7 / 0.00E 0										
ANTHRACENE	330	8.23E 7 / 0.00E 0										
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0										
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0										
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0										
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0										
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0										
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0										
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0										
CHRYSENE	330	8.77E 4 / 0.00E 0										
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0										
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0										
DIBENZOFURAN	330	0.00E 0 / 0.00E 0										
FLUORANTHENE	330	1.10E 7 / 0.00E 0										
FLUORENE	330	1.10E 7 / 0.00E 0										
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0										
NAPHTHALENE	330	1.10E 7 / 0.00E 0										
PHENANTHRENE	330	0.00E 0 / 0.00E 0										
PYRENE	330	8.23E 6 / 0.00E 0										
Test Group:METADD Units: mg/kg												
LITHIUM	100	5.49E 3 / 20.00E 0	3.7 B:JA			4.2 B:JA	4.4 B:JA					
MOLYBDENUM	200	1.37E 3 / 40.00E 0										
STRONTIUM	200	1.65E 5 / 90.10E 0	12.4 B:JA			12.2 B:JA	12.7 B:JA					
TIN	200	0.00E 0 / 75.90E 0										
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	7.96E 5 / 21915.40E 0	3310 :V			4340 :V	4740 :V					
ANTIMONY	60	1.10E 2 / 50.00E 0				2.6 B:JA						
ARSENIC	10	3.66E-1 / 12.90E 0	2.4 :JA*			3 :JA*	3.2 :V*					
BARIUM	200	1.91E 4 / 528.00E 0	40.3 :V			47.6 :V	49.4 :V					
BERYLLIUM	5	1.49E-1 / 5.20E 0	.23 B:V*			.33 B:V*	.31 B:V*					
CADMIUM	5	1.37E 2 / 5.00E 0										
CALCIUM	5000	0.00E 0 / 13573.30E 0	2650 :V			2850 :V	2300 :V					
CHROMIUM	10	9.39E 2 / 24.80E 0	5 :V			7.5 :V	7.9 :V					
COBALT	50	1.65E 4 / 24.80E 0	2.7 B:V			3.1 B:V	3.7 B:V					
COPPER	25	1.10E 4 / 27.30E 0	11.4 :V			13.8 :V	17.4 :V					
IRON	100	0.00E 0 / 28160.40E 0	7130 :V			8030 :V	8530 :V					
LEAD	3	0.00E 0 / 61.40E 0	11.6 :V			13.3 :V	13.5 :V					
MAGNESIUM	5000	0.00E 0 / 7011.50E 0	1580 :V			1590 :V	1640 :V					
MANGANESE	15	1.36E 3 / 2253.50E 0	157 :V			180 :V	182 :V					
MERCURY	0.2	8.23E 1 / 0.20E 0										
NICKEL	40	5.49E 3 / 26.90E 0	3.1 B:V			4.5 B:V	4.9 B:V					
POTASSIUM	5000	0.00E 0 / 5256.80E 0	1070 :V			1100 :V	1130 :V					
SILVER	10	1.37E 3 / 10.00E 0				.82 B:JA	.78 B:JA					
SODIUM	5000	0.00E 0 / 1108.00E 0	121 B:V			94.9 B:V	78 B:V					
VANADIUM	50	1.92E 3 / 55.60E 0	11 :V			14.6 :V	15.9 :V					
ZINC	20	8.23E 4 / 86.60E 0	39 :V			41.3 :V	41.1 :V					
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0	2.37E 0 / 6.34E-2										
GROSS ALPHA	0	0.00E 0 / 44.56E 0	8(2.4) :A	16(3.5) :Y	12(2.9) :Y	9.3(2.8) :A	17(3.4) :A	13(2.2) :A	19(4.2) :A	16(3.6) :Y	15(3.4) :Y	14(4) :A
GROSS BETA	0	0.00E 0 / 55.35E 0	28(3.6) :A	29(3.6) :Y	35(3.9) :Y	30(3.4) :A	31(3.4) :A	35(2.6) :A	30(3.6) :A	33(3.5) :Y	34(3.6) :Y	26(3.3) :A
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2	.032(.007) :V	4.2(.14) B:Y	12(.35) B:Y	.039(.008) :V	.028(.007) J:V	.006(.004) J:V		2.8(.1) B:Y	2.1(.083) B:Y	.012(.005) J:V
URANIUM, TOTAL	0	E 0 / E 0	1.7 :Y-	2 :Y-	1.8 :Y-	2.2 :Y-	2.5 :Y-	2.5 :Y-	2.4 :Y-	2.1 :Y-	1.7 :Y-	2.6 :Y-

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS443394	SS444094	SS444094	SS444294	SS444294	SS444594	SS444594	SS444994	SS444994	SS450494
Sample Identification Number:			SSG2584JE	SSG2335JE	SSG2575JE	SSG2337JE	SSG2585JE	SSG2340JE	SSG2580JE	SSG2344JE	SSG2576JE	SSG2399JE
Date Sampled:	MDL	PRG / BKGND	16-Sep-94	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	13-Sep-94	13-Sep-94	8-Sep-94	8-Sep-94	21-Sep-94
URANIUM-233,-234	0	4.47E 1 / 17.69E-1										
URANIUM-235	0	1.73E-1 / 19.83E-2										
URANIUM-238	0	8.00E-1 / 19.12E-1										
Test Group:VOACLP Units: µg/kg												
ACETONE	10	2.74E 7 / 0.00E 0										
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0										
TETRACHLOROETHENE	5	1.23E 4 / 0.00E 0										
TOLUENE	5	5.49E 7 / 0.00E 0										
UNKNOWN TIC	0	E 0 / E 0										
UNKNOWN TIC ; ALDOL CONDENSATION	0	E 0 / E 0										
UNKNOWN TIC ; ALKANE	0	E 0 / E 0										
UNKNOWN TIC ; C5H10	0	E 0 / E 0										
UNKNOWN TIC ; C9H12	0	E 0 / E 0										

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS450494	SS450794	SS450794	SS450894	SS450894	SS452394	SS452394	SS452694	SS452694	SS454194
Sample Identification Number:			SSG2591JE	SSG2402JE	SSG2588JE	SSG2403JE	SSG2589JE	SSG2418JE	SSG2629JE	SSG2421JE	SSG2626JE	SSG2436JE
Date Sampled:	MDL	PRG / BKGND	21-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	29-Sep-94
Test Group:BNACLP Units: µg/kg												
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0										
ACENAPHTHENE	330	1.65E 7 / 0.00E 0										
ANTHRACENE	330	8.23E 7 / 0.00E 0										
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0										
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0										
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0										
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0										
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0										
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0										
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0										
CHRYSENE	330	8.77E 4 / 0.00E 0										
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0										
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0										
DIBENZOFURAN	330	0.00E 0 / 0.00E 0										
FLUORANTHENE	330	1.10E 7 / 0.00E 0										
FLUORENE	330	1.10E 7 / 0.00E 0										
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0										
NAPHTHALENE	330	1.10E 7 / 0.00E 0										
PHENANTHRENE	330	0.00E 0 / 0.00E 0										
PYRENE	330	8.23E 6 / 0.00E 0										
Test Group:METADD Units: mg/kg												
LITHIUM	100	5.49E 3 / 20.00E 0										
MOLYBDENUM	200	1.37E 3 / 40.00E 0										
STRONTIUM	200	1.65E 5 / 90.10E 0										
TIN	200	0.00E 0 / 75.90E 0										
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	7.96E 5 / 21915.40E 0										
ANTIMONY	60	1.10E 2 / 50.00E 0										
ARSENIC	10	3.66E-1 / 12.90E 0										
BARIUM	200	1.91E 4 / 528.00E 0										
BERYLLIUM	5	1.49E-1 / 5.20E 0										
CADMIUM	5	1.37E 2 / 5.00E 0										
CALCIUM	5000	0.00E 0 / 13573.30E 0										
CHROMIUM	10	9.39E 2 / 24.80E 0										
COBALT	50	1.65E 4 / 24.80E 0										
COPPER	25	1.10E 4 / 27.30E 0										
IRON	100	0.00E 0 / 28160.40E 0										
LEAD	3	0.00E 0 / 61.40E 0										
MAGNESIUM	5000	0.00E 0 / 7011.50E 0										
MANGANESE	15	1.36E 3 / 2253.50E 0										
MERCURY	0.2	8.23E 1 / 0.20E 0										
NICKEL	40	5.49E 3 / 26.90E 0										
POTASSIUM	5000	0.00E 0 / 5256.80E 0										
SILVER	10	1.37E 3 / 10.00E 0										
SODIUM	5000	0.00E 0 / 1108.00E 0										
VANADIUM	50	1.92E 3 / 55.60E 0										
ZINC	20	8.23E 4 / 86.60E 0										
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0	2.37E 0 / 6.34E-2								.008(.007) J:Y		.22(.024) :Y
GROSS ALPHA	0	0.00E 0 / 44.56E 0	15(3.9) :A	12(3.7) :A	13(2.9) :A	11(2.7) :A	21(3.8) :A	16(4.5) :Y	14(3.5) :Y	14(3.1) :Y	10(2.9) :Y	20(4.4) :Y
GROSS BETA	0	0.00E 0 / 55.35E 0	25(3.4) :A	34(4) :A	32(3.5) :A	29(3.6) :A	35(3.8) :A	28(3.5) :Y	28(3.5) :Y	21(3.2) :Y	17(3.4) :Y	34(3.6) :Y
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2	.012(.006) J:V		.004(.003) J:V	.007(.004) J:V	.009(.005) J:V			.023(.007) J:Y	.02(.007) J:Y	1.5(.061) :Y
URANIUM, TOTAL	0	E 0 / E 0	2.9 :Y-	2.5 :Y-	1.7 :Y-	2.1 :Y-	2.5 :Y-					

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS450494	SS450794	SS450794	SS450894	SS450894	SS452394	SS452394	SS452694	SS452694	SS454194
Sample Identification Number:			SSG2591JE	SSG2402JE	SSG2588JE	SSG2403JE	SSG2589JE	SSG2418JE	SSG2629JE	SSG2421JE	SSG2626JE	SSG2436JE
Date Sampled:	MDL	PRG / BKGND	21-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	29-Sep-94
URANIUM-233,-234	0	4.47E 1 / 17.69E-1						.8(.18) :Y	.88(.2) :Y	1(.23) :Y	1(.21) :Y	.79(.15) :Y
URANIUM-235	0	1.73E-1 / 19.83E-2										
URANIUM-238	0	8.00E-1 / 19.12E-1						.83(.18) :Y	.94(.2) :Y	1(.23) :Y	1.1(.22) :Y	.94(.15) :Y
Test Group:VOACLP Units: µg/kg												
ACETONE	10	2.74E 7 / 0.00E 0										
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0										
TETRACHLOROETHENE	5	1.23E 4 / 0.00E 0										
TOLUENE	5	5.49E 7 / 0.00E 0										
UNKNOWN TIC	0	E 0 / E 0										
UNKNOWN TIC ; ALDOL CONDENSATION	0	E 0 / E 0										
UNKNOWN TIC ; ALKANE	0	E 0 / E 0										
UNKNOWN TIC ; C5H10	0	E 0 / E 0										
UNKNOWN TIC ; C9H12	0	E 0 / E 0										

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS454194	SS456794	SS456794	SS457894	SS457894	SS459694	SS459694	SS460494	SS460494	SS461094
Sample Identification Number:			SSG2606JE	SSG2462JE	SSG2634JE	SSG2473JE	SSG2644JE	SSG2491JE	SSG2640JE	SSG2499JE	SSG2623JE	SSG2505JE
Date Sampled:	MDL	PRG / BKGND	29-Sep-94	18-Oct-94	18-Oct-94	24-Oct-94	24-Oct-94	19-Oct-94	19-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94
Test Group:BNACLP Units: µg/kg												
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0										
ACENAPHTHENE	330	1.65E 7 / 0.00E 0										
ANTHRACENE	330	8.23E 7 / 0.00E 0										
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0		73 J:Y	74 J:Y							
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0		100 J:Y*	93 J:Y*							
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0		140 J:Y	130 J:Y							
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0		75 J:Y-	57 J:Y-							
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0		49 J:Y	50 J:Y							
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0		320 J:Y	110 J:Y							
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0										
CHRYSENE	330	8.77E 4 / 0.00E 0		97 J:Y	93 J:Y							
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0										
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0										
DIBENZOFURAN	330	0.00E 0 / 0.00E 0										
FLUORANTHENE	330	1.10E 7 / 0.00E 0		200 J:Y	200 J:Y							
FLUORENE	330	1.10E 7 / 0.00E 0										
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0		77 J:Y	62 J:Y							
NAPHTHALENE	330	1.10E 7 / 0.00E 0										
PHENANTHRENE	330	0.00E 0 / 0.00E 0		110 J:Y-	110 J:Y-							
PYRENE	330	8.23E 6 / 0.00E 0		150 J:Y	150 J:Y							
Test Group:METADD Units: mg/kg												
LITHIUM	100	5.49E 3 / 20.00E 0		5.2 B:V	5.2 B:V	7.3 B:V	7.1 B:V					
MOLYBDENUM	200	1.37E 3 / 40.00E 0										
STRONTIUM	200	1.65E 5 / 90.10E 0		24.7 :V	25.3 B:V	10 B:V	9.7 B:V					
TIN	200	0.00E 0 / 75.90E 0										
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	7.96E 5 / 21915.40E 0		5080 :V	4790 :V	4750 :V	4680 :V					
ANTIMONY	60	1.10E 2 / 50.00E 0										
ARSENIC	10	3.66E-1 / 12.90E 0		2.3 :V*	1.6 B:V*	1.6 B:V*	2 B:V*					
BARIUM	200	1.91E 4 / 528.00E 0		53.6 :V	43.7 :V	52.2 :V	51.5 :V					
BERYLLIUM	5	1.49E-1 / 5.20E 0		.48 B:V*	.54 B:V*							
CADMIUM	5	1.37E 2 / 5.00E 0										
CALCIUM	5000	0.00E 0 / 13573.30E 0		14700 :V#	20100 :V#	1430 :V	1270 :V					
CHROMIUM	10	9.39E 2 / 24.80E 0		6.5 :V	6.6 :V	7.9 :V	7.9 :V					
COBALT	50	1.65E 4 / 24.80E 0		6.4 B:V	6 B:V	9.3 B:V	12.5 :V					
COPPER	25	1.10E 4 / 27.30E 0		50.5 :V#	27.8 :V#	17.2 :V	18.2 :V					
IRON	100	0.00E 0 / 28160.40E 0		18200 :V	17900 :V	8680 :V	9250 :V					
LEAD	3	0.00E 0 / 61.40E 0		11.9 :V	9.3 :V	6.2 :V	6.8 :V					
MAGNESIUM	5000	0.00E 0 / 7011.50E 0		5560 :V	6040 :V	2030 :V	1980 :V					
MANGANESE	15	1.36E 3 / 2253.50E 0		582 :JA	633 :JA	147 :V	161 :V					
MERCURY	0.2	8.23E 1 / 0.20E 0										
NICKEL	40	5.49E 3 / 26.90E 0		3.6 B:V	3.7 B:V	6.7 B:V	6.3 B:V					
POTASSIUM	5000	0.00E 0 / 5256.80E 0		2760 :V	2800 :V	1940 :V	1870 :V					
SILVER	10	1.37E 3 / 10.00E 0		1.7 B:JA	1.6 B:JA							
SODIUM	5000	0.00E 0 / 1108.00E 0		292 B:V	171 B:V	138 B:V	125 B:V					
VANADIUM	50	1.92E 3 / 55.60E 0		20.9 :V	19.2 :V	13.5 :V	14.3 :V					
ZINC	20	8.23E 4 / 86.60E 0		69.5 I:JA	70 I:JA	24.5 :V	24.2 :V					
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0	2.37E 0 / 6.34E-2	.26(.03) :Y	.013(.008) J:Y				.008(.005) J:Y	.005(.004) J:Y	.059(.015) :Y	.038(.014) :Y	.09(.015) :Y
GROSS ALPHA	0	0.00E 0 / 44.56E 0	22(4.3) :Y	9.2(2.9) :Y	12(1.5) :Y			13(3) :Y	16(3.4) :Y	20(3.4) :Y	22(3.9) :Y	20(3.8) :Y
GROSS BETA	0	0.00E 0 / 55.35E 0	35(3.7) :Y	22(3.4) :Y	25(1.4) :Y			30(3.5) :Y	27(3.6) :Y	25(3.5) :Y	27(3.4) :Y	25(3.3) :Y
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2	1.3(.056) :Y	.021(.012) J:Y	.028(.013) J:Y			.061(.018) :Y	.018(.008) J:Y	.15(.022) :Y	.12(.019) :Y	.24(.024) :Y
URANIUM, TOTAL	0	E 0 / E 0										

TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS454194	SS456794	SS456794	SS457894	SS457894	SS459694	SS459694	SS460494	SS460494	SS461094
Sample Identification Number:			SSG2606JE	SSG2462JE	SSG2634JE	SSG2473JE	SSG2644JE	SSG2491JE	SSG2640JE	SSG2499JE	SSG2623JE	SSG2505JE
Date Sampled:	MDL	PRG / BKGND	29-Sep-94	18-Oct-94	18-Oct-94	24-Oct-94	24-Oct-94	19-Oct-94	19-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94
URANIUM-233,-234	0	4.47E 1 / 17.69E-1	.76(.13) :Y	.68(.15) :Y	.79(.17) :Y			.78(.18) :Y	.98(.15) :Y	.84(.21) :Y	1.1(.24) :Y	.79(.2) :Y
URANIUM-235	0	1.73E-1 / 19.83E-2		.06(.045) J:Y				.081(.061) J:Y		.13(.081) J:Y		
URANIUM-238	0	8.00E-1 / 19.12E-1	.89(.14) :Y	.75(.15) :Y	.84(.17) :Y			.66(.16) :Y	.95(.15) :Y	.79(.21) :Y	1(.24) :Y	.85(.21) :Y
Test Group:VOACLP Units: µg/kg												
ACETONE	10	2.74E 7 / 0.00E 0										
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0				8 :V	11 :V					
TETRACHLOROETHENE	5	1.23E 4 / 0.00E 0										
TOLUENE	5	5.49E 7 / 0.00E 0										
UNKNOWN TIC	0	E 0 / E 0										
UNKNOWN TIC ; ALDOL CONDENSATION	0	E 0 / E 0										
UNKNOWN TIC ; ALKANE	0	E 0 / E 0										
UNKNOWN TIC ; C5H10	0	E 0 / E 0										
UNKNOWN TIC ; C9H12	0	E 0 / E 0										

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TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS461094	SS461194	SS461194	SS463494	SS463494	SS464794	SS464794
Sample Identification Number:			SSG2621JE	SSG2506JE	SSG2646JE	SSG2529JE	SSG2614JE	SSG2542JE	SSG2599JE
Date Sampled:	MDL	PRG / BKGND	10-Oct-94	25-Oct-94	25-Oct-94	4-Oct-94	4-Oct-94	28-Sep-94	28-Sep-94
Test Group:BNACLP Units: µg/kg									
2-METHYLNAPHTHALENE	330	0.00E 0 / 0.00E 0							
ACENAPHTHENE	330	1.65E 7 / 0.00E 0							
ANTHRACENE	330	8.23E 7 / 0.00E 0							
BENZO(a)ANTHRACENE	330	8.77E 2 / 0.00E 0							
BENZO(a)PYRENE	330	8.77E 1 / 0.00E 0							
BENZO(b)FLUORANTHENE	330	8.77E 2 / 0.00E 0							
BENZO(ghi)PERYLENE	330	0.00E 0 / 0.00E 0							
BENZO(k)FLUORANTHENE	330	8.77E 3 / 0.00E 0							
BIS(2-ETHYLHEXYL)PHTHALATE	330	4.57E 4 / 0.00E 0							
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0							
CHRYSENE	330	8.77E 4 / 0.00E 0							
DI-n-OCTYL PHTHALATE	330	4.57E 4 / 0.00E 0							
DIBENZO(a,h)ANTHRACENE	330	8.77E 1 / 0.00E 0							
DIBENZOFURAN	330	0.00E 0 / 0.00E 0							
FLUORANTHENE	330	1.10E 7 / 0.00E 0							
FLUORENE	330	1.10E 7 / 0.00E 0							
INDENO(1,2,3-cd)PYRENE	330	8.77E 2 / 0.00E 0							
NAPHTHALENE	330	1.10E 7 / 0.00E 0							
PHENANTHRENE	330	0.00E 0 / 0.00E 0							
PYRENE	330	8.23E 6 / 0.00E 0							
Test Group:METADD Units: mg/kg									
LITHIUM	100	5.49E 3 / 20.00E 0							
MOLYBDENUM	200	1.37E 3 / 40.00E 0							
STRONTIUM	200	1.65E 5 / 90.10E 0							
TIN	200	0.00E 0 / 75.90E 0							
Test Group:SMETCLP Units: mg/kg									
ALUMINUM	200	7.96E 5 / 21915.40E 0							
ANTIMONY	60	1.10E 2 / 50.00E 0							
ARSENIC	10	3.66E-1 / 12.90E 0							
BARIUM	200	1.91E 4 / 528.00E 0							
BERYLLIUM	5	1.49E-1 / 5.20E 0							
CADMIUM	5	1.37E 2 / 5.00E 0							
CALCIUM	5000	0.00E 0 / 13573.30E 0							
CHROMIUM	10	9.39E 2 / 24.80E 0							
COBALT	50	1.65E 4 / 24.80E 0							
COPPER	25	1.10E 4 / 27.30E 0							
IRON	100	0.00E 0 / 28160.40E 0							
LEAD	3	0.00E 0 / 61.40E 0							
MAGNESIUM	5000	0.00E 0 / 7011.50E 0							
MANGANESE	15	1.36E 3 / 2253.50E 0							
MERCURY	0.2	8.23E 1 / 0.20E 0							
NICKEL	40	5.49E 3 / 26.90E 0							
POTASSIUM	5000	0.00E 0 / 5256.80E 0							
SILVER	10	1.37E 3 / 10.00E 0							
SODIUM	5000	0.00E 0 / 1108.00E 0							
VANADIUM	50	1.92E 3 / 55.60E 0							
ZINC	20	8.23E 4 / 86.60E 0							
Test Group:TRADS Units: pCi/g									
AMERICIUM-241	0	2.37E 0 / 6.34E-2	.11(.017) :Y	.01(.01) J:Y		.011(.005) J:Y	.017(.011) J:Y	.004(.002) J:Y	.006(.002) J:Y
GROSS ALPHA	0	0.00E 0 / 44.56E 0	23(3.8) :Y	26(4.3) :Y	30(4.6) :Y	30(4.1) :Y	14(3.1) :Y	7.4(2.5) :Y	9(2.7) :Y
GROSS BETA	0	0.00E 0 / 55.35E 0	28(3.5) :Y	32(3.7) :Y	33(3.6) :Y	24(4.4) :Y	21(3.3) :Y	29(3.6) :Y	30(3.5) :Y
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2	.51(.04) :Y	.022(.01) J:Y		.02(.007) J:Y	.026(.007) J:Y	.011(.005) J:Y	.016(.008) J:Y
URANIUM, TOTAL	0	E 0 / E 0							

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TABLE B-20
OU14 Surface Soil
Duplicate Detectable Concentration Results*

Sample Location:			SS461094	SS461194	SS461194	SS463494	SS463494	SS464794	SS464794
Sample Identification Number:			SSG2621JE	SSG2506JE	SSG2646JE	SSG2529JE	SSG2614JE	SSG2542JE	SSG2599JE
Date Sampled:	MDL	PRG / BKGND	10-Oct-94	25-Oct-94	25-Oct-94	4-Oct-94	4-Oct-94	28-Sep-94	28-Sep-94
URANIUM-233,-234	0	4.47E 1 / 17.69E-1	.73(.16) :Y	.8(.19) :Y	.92(.21) :Y	2.4(.33) :Y	.71(.14) :Y	.8(.13) :Y	.71(.12) :Y
URANIUM-235	0	1.73E-1 / 19.83E-2				.14(.073) J:Y			
URANIUM-238	0	8.00E-1 / 19.12E-1	.82(.18) :Y	.72(.19) :Y	1.1(.24) :Y	5.1(.56) :Y	.85(.16) :Y	.72(.12) :Y	.81(.13) :Y
Test Group:VOACLP Units: µg/kg									
ACETONE	10	2.74E 7 / 0.00E 0							
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0							
TETRACHLOROETHENE	5	1.23E 4 / 0.00E 0							
TOLUENE	5	5.49E 7 / 0.00E 0							
UNKNOWN TIC	0	E 0 / E 0							
UNKNOWN TIC ; ALDOL CONDENSATION	0	E 0 / E 0							
UNKNOWN TIC ; ALKANE	0	E 0 / E 0							
UNKNOWN TIC ; C5H10	0	E 0 / E 0							
UNKNOWN TIC ; C9H12	0	E 0 / E 0							

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

No TIC Results Were Reported for IHSS 164.3

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TABLE B-21
OU14 Surface Soil
Duplicate Detectable Concentration Results Data Summary**

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/kg												
2-METHYLNAPHTHALENE	330	350	SS457894 (2)	710	SS430994 (1)	53 J:Y	SS430994 (1)	53 J:Y	SS430994 (1)	1	6	188.3333
ACENAPHTHENE	330	350	SS457894 (2)	360	SS456794 (2)	380 J:Y	SS430994 (1)	490 :Y	SS430994 (1)	2	6	263.3333
ANTHRACENE	330	350	SS457894 (2)	360	SS456794 (2)	460 J:Y	SS430994 (1)	640 :Y	SS430994 (1)	2	6	301.6667
BENZO(a)ANTHRACENE	330	350	SS457894 (2)	350	SS457894 (2)	73 J:Y	SS456794 (1)	1400 :Y	SS430994 (1)	4	6	516.1667
BENZO(a)PYRENE	330	350	SS457894 (2)	350	SS457894 (2)	93 J:Y	SS456794 (1)	1200 :Y	SS430994 (1)	4	6	433.8333
BENZO(b)FLUORANTHENE	330	350	SS457894 (2)	350	SS457894 (2)	130 J:Y	SS456794 (1)	2500 :Y	SS430994 (1)	4	6	836.6667
BENZO(ghi)PERYLENE	330	350	SS457894 (2)	710	SS430994 (1)	57 J:Y	SS456794 (1)	75 J:Y	SS456794 (1)	2	6	169.5
BENZO(k)FLUORANTHENE	330	350	SS457894 (2)	350	SS457894 (2)	49 J:Y	SS456794 (1)	780 :Y	SS430994 (1)	4	6	308.1667
BIS(2-ETHYLHEXYL)PHTHALATE	330	350	SS457894 (2)	350	SS457894 (2)	93 J:Y	SS430994 (1)	320 J:Y	SS456794 (1)	5	7	160.4286
BUTYL BENZYL PHTHALATE	330	350	SS457894 (2)	710	SS430994 (1)	69 BJ:Y	SS430994 (1)	81 BJ:Y	SS430994 (1)	2	7	173.5714
CHRYSENE	330	350	SS457894 (2)	350	SS457894 (2)	93 J:Y	SS456794 (1)	1500 :Y	SS430994 (1)	5	7	662.8571
DI-n-OCTYL PHTHALATE	330	350	SS457894 (2)	360	SS430994 (4)	120 J:Y	SS430994 (1)	120 J:Y	SS430994 (1)	1	7	170
DIBENZO(a,h)ANTHRACENE	330	350	SS457894 (2)	360	SS430994 (3)	110 J:Y	SS430994 (1)	160 J:Y	SS430994 (1)	2	7	165.7143
DIBENZOFURAN	330	350	SS457894 (2)	360	SS456794 (2)	120 J:Y	SS430994 (1)	140 J:Y	SS430994 (1)	3	7	157.1429
FLUORANTHENE	330	350	SS457894 (2)	350	SS457894 (2)	200 J:Y	SS456794 (2)	3400 E:Y	SS430994 (1)	4	6	1175
FLUORENE	330	350	SS457894 (2)	360	SS456794 (2)	330 J:Y	SS430994 (1)	420 :Y	SS430994 (1)	2	6	243.3333
INDENO(1,2,3-cd)PYRENE	330	350	SS457894 (2)	350	SS457894 (2)	62 J:Y	SS456794 (1)	440 :Y	SS430994 (1)	4	6	208.1667
NAPHTHALENE	330	350	SS457894 (2)	360	SS456794 (2)	75 J:Y	SS430994 (1)	81 J:Y	SS430994 (1)	2	6	144.3333
PHENANTHRENE	330	350	SS457894 (2)	350	SS457894 (2)	110 J:Y	SS456794 (2)	3000 E:Y	SS430994 (1)	4	6	978.3333
PYRENE	330	350	SS457894 (2)	350	SS457894 (2)	150 J:Y	SS456794 (2)	3700 E:Y	SS430994 (1)	4	6	1241.667
Test Group:METADD Units: mg/kg												
LITHIUM	100	**	**	**	**	3.7 B:J	SS443394 (1)	16.6 B:J	SS440094 (1)	16	16	6
MOLYBDENUM	200	0.49	SS430994 (1)	2.1	SS444294 (1)	4.5 B:J	SS440094 (1)	5 B:J	SS440094 (1)	2	16	1.2059
STRONTIUM	200	**	**	**	**	8.3 B:J	SS440294 (1)	25.3 B:V	SS456794 (1)	16	16	15.475
TIN	200	2	SS430994 (5)	2.7	SS440094 (1)	4.6 B:V	SS430994 (1)	4.6 B:V	SS430994 (1)	1	16	1.2844
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	**	**	**	**	3140 :V	SS440294 (1)	8610 :V	SS440094 (1)	16	16	4975.625
ANTIMONY	60	2.2	SS457894 (1)	2.8	SS440094 (2)	2.6 B:J	SS444294 (1)	3.4 B:J	SS443394 (1)	2	14	1.525
ARSENIC	10	**	**	**	**	1.6 B:V	SS456794 (2)	3.3 :V	SS440894 (1)	16	16	2.6125
BARIUM	200	**	**	**	**	37.4 B:V	SS440894 (1)	103 :V	SS440094 (1)	16	16	54.1375
BERYLLIUM	5	0.18	SS457894 (1)	0.2	SS457894 (1)	.2 B:V	SS440894 (1)	.85 B:V	SS440094 (1)	14	16	0.3644
CADMIUM	5	0.15	SS443394 (1)	0.34	SS444294 (1)	.55 B:V	SS430994 (1)	.63 B:V	SS430994 (1)	2	16	0.1718
CALCIUM	5000	**	**	**	**	1270 :V	SS457894 (1)	20100 :V	SS456794 (1)	16	16	6164.375
CHROMIUM	10	**	**	**	**	5 :V	SS443394 (1)	13.1 :V	SS440294 (1)	16	16	8.4625
COBALT	50	**	**	**	**	2.7 B:V	SS443394 (1)	29.7 :J	SS430994 (1)	16	16	7.775
COPPER	25	**	**	**	**	10.7 :J	SS430994 (2)	74.1 :J	SS430994 (1)	16	16	23.7688
IRON	100	**	**	**	**	6870 :V	SS440294 (1)	27700 :V	SS440094 (1)	16	16	11865
LEAD	3	**	**	**	**	4.5 :J	SS440094 (1)	56.6 :V	SS440294 (1)	16	16	13.4688
MAGNESIUM	5000	**	**	**	**	1270 :V	SS430994 (1)	7830 :V	SS440094 (1)	16	16	2920
MANGANESE	15	**	**	**	**	82.7 :J	SS430994 (1)	655 :V	SS440094 (1)	16	16	277.2313
MERCURY	0.2	0.05	SS440894 (1)	0.07	SS456794 (1)	.056 B:V	SS430994 (1)	.12 :V	SS440294 (1)	2	16	0.0342
NICKEL	40	**	**	**	**	3 B:V	SS443394 (1)	11.5 :V	SS440094 (1)	16	16	6.1187
POTASSIUM	5000	**	**	**	**	927 B:V	SS440294 (1)	3760 :V	SS440094 (1)	16	16	1703.5
SILVER	10	0.79	SS443394 (1)	2.6	SS430994 (1)	.78 B:J	SS444294 (1)	4.1 :J	SS430994 (1)	7	16	1.2944
SODIUM	5000	92.4	SS430994 (1)	92.4	SS430994 (1)	78 B:V	SS444294 (1)	308 B:V	SS440894 (1)	15	16	167.2563
VANADIUM	50	**	**	**	**	11 :V	SS443394 (1)	45.6 :V	SS440094 (1)	16	16	19.1313
ZINC	20	**	**	**	**	24.2 :V	SS457894 (1)	78.6 :V	SS440094 (1)	16	16	50.525
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.002	**	**	**	**	-.22(.024) :Y	SS454194 (1)	.26(.03) :Y	SS454194 (1)	38	38	0.003
GROSS ALPHA	3	**	**	**	**	-26(4.1) :Y	SS439394 (2)	30(4.6) :Y	SS461194 (2)	62	62	2.1371
GROSS BETA	4	**	**	**	**	-35(3.7) :A	SS434894 (1)	39(3.8) :A	SS434894 (1)	62	62	1.2742
PLUTONIUM-239/240	0.008	**	**	**	**	-9(.66) :Y:Y	SS443194 (1)	12(.35) B:Y:Y	SS444094 (1)	62	62	0.1651
URANIUM, TOTAL	0.08	**	**	**	**	-2.6 :Y	SS450494 (1)	2.9 :Y	SS450494 (1)	24	24	0.1708
URANIUM-233,-234	0.07	**	**	**	**	-1(.21) :YY	SS452694 (1)	2.4(.33) :Y	SS463494 (1)	38	38	0.0887
URANIUM-235	0.05	**	**	**	**	-.084(.073) U:Y	SS461194 (1)	.14(.073) J:Y	SS463494 (1)	38	38	0.0032
URANIUM-238	0.04	**	**	**	**	-1(.23) :YY	SS452694 (1)	5.1(.56) :Y	SS463494 (1)	38	38	0.1739

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TABLE B-21
OU14 Surface Soil
Duplicate Detectable Concentration Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:VOACLP Units: µg/kg												
ACETONE	10	16	SS457894 (1)	69	SS456794 (1)	30 B:Y	SS430994 (1)	53 B:Y	SS430994 (1)	2	6	26
METHYLENE CHLORIDE	5	5	SS456794 (2)	5	SS456794 (2)	2 BJ:Y	SS430994 (1)	11 :V	SS457894 (1)	4	6	4.8333
TETRACHLOROETHENE	5	5	SS456794 (4)	5	SS456794 (4)	120 :Y	SS430994 (1)	140 :Y	SS430994 (1)	2	6	45
TOLUENE	5	5	SS430994 (5)	5	SS430994 (5)	3 J:Y	SS430994 (1)	3 J:Y	SS430994 (1)	1	6	2.5833
UNKNOWN TIC	0	**	**	**	**	6 J:Y	SS430994 (1)	20 J:Y	SS430994 (1)	3	3	13.3333
UNKNOWN TIC ; ALDOL CONDENSATION	0	**	**	**	**	8 J:Y	SS430994 (1)	8 J:Y	SS430994 (1)	1	1	8
UNKNOWN TIC ; ALKANE	0	**	**	**	**	6 J:Y	SS430994 (1)	6 J:Y	SS430994 (1)	1	1	6
UNKNOWN TIC ; C5H10	0	**	**	**	**	6 J:Y	SS430994 (1)	6 J:Y	SS430994 (1)	1	1	6
UNKNOWN TIC ; C9H12	0	**	**	**	**	21 J:Y	SS430994 (1)	21 J:Y	SS430994 (1)	1	1	21
Test Group:WQPL Units: pH												
pH	0.01	**	**	**	**	9 :V	SS440894 (2)	9 :V	SS440894 (2)	2	2	9

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
= Indicates compound exceeds background
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS430994	SS430994	SS432094	SS432094	SS434894	SS434894	SS436194	SS436194	SS436494	SS436494	SS436994	SS436994	SS437694
Sample Identification Number:	SSG2204JE	SSG2666JE	SSG2215JE	SSG2664JE	SSG2243JE	SSG2598JE	SSG2256JE	SSG2610JE	SSG2259JE	SSG2655JE	SSG2264JE	SSG2611JE	SSG2271JE
Date Sampled:	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	27-Sep-94	27-Sep-94	3-Oct-94	3-Oct-94	3-Nov-94	3-Nov-94	3-Oct-94	3-Oct-94	10-Nov-94
Test Group:BNACLP Units: µg/kg													
1,2,4-TRICHLOROBENZENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	53 J:Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	< 720 :Y	< 1400 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	490 :Y	380 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	640 :Y	460 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	1400 :Y	1200 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	1200 :Y	860 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	2500 :Y	1900 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	780 :Y	620 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	100 J:Y	150 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	69 BJ:Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	1500 :Y	1400 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	< 360 :Y	120 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	160 J:Y	110 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	140 J:Y	120 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	3400 E:Y	2900 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	420 :Y	330 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	440 :Y	320 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS430994	SS430994	SS432094	SS432094	SS434894	SS434894	SS436194	SS436194	SS436494	SS436494	SS436994	SS436994	SS437694
Sample Identification Number:	SSG2204JE	SSG2666JE	SSG2215JE	SSG2664JE	SSG2243JE	SSG2598JE	SSG2256JE	SSG2610JE	SSG2259JE	SSG2655JE	SSG2264JE	SSG2611JE	SSG2271JE
Date Sampled:	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	27-Sep-94	27-Sep-94	3-Oct-94	3-Oct-94	3-Nov-94	3-Nov-94	3-Oct-94	3-Oct-94	10-Nov-94
N-NITROSO-DI-n-PROPYLAMINE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	81 J:Y	75 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	< 1700 :Y	< 3500 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	3000 E:Y	2300 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	3700 E:Y	3100 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	< 360 :Y	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: mg/kg													
CESIUM	< 8.2 :J	< 8.9 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	4 B:V	7.8 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	< .49 :V	< 1.1 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	15.2 B:V	18.2 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	< 2 :V	4.6 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	5030 :J	7270 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	< 2.3 :J	< 2.5 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	2.9 :V	3.2 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	41.5 :V	80.8 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	.35 B:V	.45 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	.63 B:V	.55 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	3510 I:J	3520 I:J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	12.7 :V	11.2 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	3.8 B:J	29.7 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	10.7 :J	74.1 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	7630 :V	10700 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	8.8 :V	17.6 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	1270 :V	1940 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	82.7 :J	210 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	< .053 :V	.056 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	6.4 B:V	9.4 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	1310 :V	1400 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	< .51 :V	< .56 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	< 2.6 :J	4.1 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	< 92.4 :J	150 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	< .35 :V	< .38 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	15.4 :V	21 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	73.2 :V	54 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	NA	NA	-.005(.008) U:Y	.002(.009) U:Y	-.001(.004) U:V	.006(.005) J:V	.001(.007) U:Y	-.001(.002) U:Y	-.006(.009) U:Y	.004(.005) U:Y	.006(.007) U:Y	-.007(.007) U:Y	.003(.004) U:Y
GROSS ALPHA	NA	NA	-12(2.8) :Y	14(3.1) :Y	-16(3.6) :A	22(4.4) :A	-3.6(2) J:Y	12(3.1) :Y	8.4(2.3) :Y	-8(2.5) :Y	-16(3.3) :Y	29(4.7) :Y	18(3.4) :Y
GROSS BETA	NA	NA	-32(3.7) :Y	34(3.6) :Y	39(3.8) :A	-35(3.7) :A	-22(3.4) :Y	28(3.4) :Y	-20(3.4) :Y	22(3.2) :Y	27(3.4) :Y	-26(3.4) :Y	-29(3.4) :Y
PLUTONIUM-239/240	NA	NA	-.012(.014) U:Y	.036(.017) :Y	.006(.004) J:V	-.003(.004) U:V	.003(.004) U:Y	-.004(.003) U:Y	(.006) U:Y	(.002) U:Y	.026(.009) J:Y	-.01(.005) J:Y	.018(.009) J:Y
URANIUM, TOTAL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	NA	NA	.41(.13) :Y	-.41(.14) :Y	.74(.2) :V	-.74(.2) :V	-.5(.13) :Y	.84(.18) :Y	.62(.21) :Y	-.45(.19) :Y	-.87(.18) :Y	.92(.24) :Y	-.75(.19) :Y
URANIUM-235	NA	NA	.038(.051) U:Y	-.04(.054) U:Y	-.038(.051) U:V	.026(.052) U:V	-.082(.055) J:Y	.12(.062) J:Y	-.051(.069) U:Y	(.037) U:Y	.037(.037) U:Y	-.06(.06) U:Y	-.04(.053) U:Y
URANIUM-238	NA	NA	-.4(.13) :Y	.46(.14) :Y	.75(.18) :V	-.75(.19) :V	-.54(.14) :Y	.74(.18) :Y	-.54(.18) :Y	.67(.22) :Y	.86(.18) :Y	-.73(.21) :Y	.78(.19) :Y
Test Group:VOACLP Units: µg/kg													
1,1,1-TRICHLOROETHANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS430994	SS430994	SS432094	SS432094	SS434894	SS434894	SS436194	SS436194	SS436494	SS436494	SS436994	SS436994	SS437694
Sample Identification Number:	SSG2204JE	SSG2666JE	SSG2215JE	SSG2664JE	SSG2243JE	SSG2598JE	SSG2256JE	SSG2610JE	SSG2259JE	SSG2655JE	SSG2264JE	SSG2611JE	SSG2271JE
Date Sampled:	15-Nov-94	15-Nov-94	14-Nov-94	14-Nov-94	27-Sep-94	27-Sep-94	3-Oct-94	3-Oct-94	3-Nov-94	3-Nov-94	3-Oct-94	3-Oct-94	10-Nov-94
2-BUTANONE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	30 B:Y	53 B:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	2 BJ:Y	3 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	120 :Y	140 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	< 5 :Y	3 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC	NA	6 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALDOL CONDENSATION	NA	8 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALKANE	NA	6 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C5H10	NA	6 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C9H12	NA	21 J:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	< 11 :Y	< 11 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	< 5 :Y	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units: pH													
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS437694	SS438294	SS438294	SS439394	SS439394	SS439694	SS439694	SS440094	SS440094	SS440294	SS440294	SS440894	SS440894
Sample Identification Number:	SSG2661JE	SSG2277JE	SSG2604JE	SSG2288JE	SSG2642JE	SSG2291JE	SSG2616JE	SSG2295JE	SSG2565JE	SSG2297JE	SSG2562JE	SSG2303JE	SSG2568JE
Date Sampled:	10-Nov-94	29-Sep-94	29-Sep-94	20-Oct-94	20-Oct-94	5-Oct-94	5-Oct-94	31-Aug-94	31-Aug-94	29-Aug-94	29-Aug-94	2-Sep-94	2-Sep-94
Test Group:BNACLP Units: µg/kg													
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS437694	SS438294	SS438294	SS439394	SS439394	SS439694	SS439694	SS440094	SS440094	SS440294	SS440294	SS440894	SS440894
Sample Identification Number:	SSG2661JE	SSG2277JE	SSG2604JE	SSG2288JE	SSG2642JE	SSG2291JE	SSG2616JE	SSG2295JE	SSG2565JE	SSG2297JE	SSG2562JE	SSG2303JE	SSG2568JE
Date Sampled:	10-Nov-94	29-Sep-94	29-Sep-94	20-Oct-94	20-Oct-94	5-Oct-94	5-Oct-94	31-Aug-94	31-Aug-94	29-Aug-94	29-Aug-94	2-Sep-94	2-Sep-94
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: mg/kg													
CESIUM	NA	NA	NA	NA	NA	NA	NA	< 12.7 :J	< 10.2 :J	< 4.2 :J	< 4.2 :J	< 8 :J	< 8 :J
LITHIUM	NA	NA	NA	NA	NA	NA	NA	9.3 B:J	16.6 B:J	5.5 B:J	4.1 B:J	3.9 B:J	3.8 B:J
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	5 B:J	4.5 B:J	< 1.5 :J	< 1.2 :J	< 1.3 :J	< 1.2 :J
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	18.5 B:J	18.1 B:J	14.4 B:J	8.3 B:J	17.8 B:J	17.8 B:J
TIN	NA	NA	NA	NA	NA	NA	NA	< 2.2 :J	< 2.7 :J	< 2.2 :J	< 2.2 :J	< 2.1 :J	< 2.1 :J
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	8240 :V	8610 :V	3970 :V	3140 :V	4180 :V	3930 :V
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	< 2.8 :J	< 2.7 :J	< 2.8 :J	< 2.7 :J	< 2.6 :J	< 2.6 :J
ARSENIC	NA	NA	NA	NA	NA	NA	NA	3.2 :V	3 :V	3 :V	1.9 B:V	3.3 :V	3 :V
BARIUM	NA	NA	NA	NA	NA	NA	NA	103 :V	97.3 :V	49.8 :V	39.6 B:V	37.4 B:V	38.2 B:V
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	.75 B:V	.85 B:V	.37 B:V	.25 B:V	.27 B:V	.2 B:V
CADMIUM	NA	NA	NA	NA	NA	NA	NA	< .17 :V	< .16 :V	< .17 :V	< .17 :V	< .16 :V	< .16 :V
CALCIUM	NA	NA	NA	NA	NA	NA	NA	13400 :V	13500 :V	5740 :V	1490 :V	4640 I:J	4610 I:J
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	8.3 :J	7.8 :J	10.6 :V	13.1 :V	6.7 :V	10.3 :V
COBALT	NA	NA	NA	NA	NA	NA	NA	13.8 :V	15.6 :V	4.3 B:V	3.5 B:V	3.5 B:V	3.5 B:V
COPPER	NA	NA	NA	NA	NA	NA	NA	26.9 :V	39.7 :V	15.3 :V	10.7 :V	19.7 :J	14.8 :J
IRON	NA	NA	NA	NA	NA	NA	NA	27600 :V	27700 :V	8630 :V	6870 :V	8070 :V	7540 :V
LEAD	NA	NA	NA	NA	NA	NA	NA	4.5 :J	5 :J	11.8 :V	56.6 :V	16.3 :V	10.9 :V
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	5850 :V	7830 :V	1510 :V	1610 :V	2350 :V	2320 :V
MANGANESE	NA	NA	NA	NA	NA	NA	NA	635 :V	655 :V	168 :J	169 :J	159 :V	158 :V
MERCURY	NA	NA	NA	NA	NA	NA	NA	< .05 :V	< .05 :V	.12 :V	< .051 :V	< .046 :V	< .053 :V
NICKEL	NA	NA	NA	NA	NA	NA	NA	8.4 B:V	11.5 :V	8.3 B:V	5.7 B:V	6.4 B:V	6 B:V
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	3760 :V	3130 :V	1000 B:V	927 B:V	971 B:V	958 B:V
SELENIUM	NA	NA	NA	NA	NA	NA	NA	< .59 :V	< .57 :V	< .59 :V	< .59 :V	< .56 :V	< .56 :V
SILVER	NA	NA	NA	NA	NA	NA	NA	3.6 :J	2.8 :J	< .87 :V	< .86 :V	< 1.4 :J	< 1.2 :J
SODIUM	NA	NA	NA	NA	NA	NA	NA	174 B:J	166 :J	289 B:V	160 B:V	308 B:V	247 B:V
THALLIUM	NA	NA	NA	NA	NA	NA	NA	< .46 :V	< .45 :V	< .47 :V	< .46 :V	< .44 :V	< .44 :V
VANADIUM	NA	NA	NA	NA	NA	NA	NA	45.6 :V	43.7 :V	16.8 :V	12.2 :V	16 :V	14.1 :V
ZINC	NA	NA	NA	NA	NA	NA	NA	73.3 :V	78.6 :V	42.3 :J	60.9 :J	40.7 :V	40.2 :V
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	-.008(.008) U:Y	.025(.013) :Y	-.021(.011) :Y	-.007(.007) U:Y	.004(.007) U:Y	-.019(.01) J:Y	.035(.012) :Y	NA	NA	NA	NA	NA	NA
GROSS ALPHA	-14(3.1) :Y	24(4.3) :Y	-13(3.1) :Y	28(4) :Y	-26(4.1) :Y	-14(3.4) :Y	15(3.1) :Y	-9.3(3.4) :A	15(3.8) :A	-6.3(2.8) :A	8.2(2.8) :A	9(3.7) :A	-8.9(3.8) :A
GROSS BETA	30(3.7) :Y	31(3.6) :Y	-26(3.6) :Y	32(3.5) :Y	-30(3.7) :Y	25(3.3) :Y	-25(3.3) :Y	-27(2.5) :A	29(2.6) :A	-28(3.4) :A	35(3.6) :A	-24(3.6) :A	26(3.7) :A
PLUTONIUM-239/240	-.011(.008) J:Y	-.06(.016) :Y	.086(.016) :Y	-.011(.005) J:Y	.023(.009) J:Y	-.12(.019) :Y	.14(.018) :Y	.023(.007) J:V	-.019(.006) J:V	-.025(.011) J:V	.052(.01) :V	.049(.011) :V	-.048(.009) :V
URANIUM, TOTAL	NA	NA	NA	NA	NA	NA	NA	-1.6 :Y	2 :Y	1.4 :Y	-1.2 :Y	-1.4 :Y	1.7 :Y
URANIUM-233,-234	.83(.22) :Y	-.84(.19) :Y	.85(.13) :Y	-.96(.22) :Y	1(.22) :Y	.66(.16) :Y	-.62(.16) :Y	NA	NA	NA	NA	NA	NA
URANIUM-235	(.028) U:Y	-.036(.047) U:Y	.063(.039) J:Y	-.014(.027) U:Y	.098(.074) J:Y	.027(.036) U:Y	-.052(.062) U:Y	NA	NA	NA	NA	NA	NA
URANIUM-238	-.66(.2) :Y	-.66(.17) :Y	.76(.12) :Y	1.2(.25) :Y	-.96(.22) :Y	-.82(.18) :Y	.85(.18) :Y	NA	NA	NA	NA	NA	NA
Test Group:VOACLP Units: µg/kg													
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS437694	SS438294	SS438294	SS439394	SS439394	SS439694	SS439694	SS440094	SS440094	SS440294	SS440294	SS440894	SS440894
Sample Identification Number:	SSG2661JE	SSG2277JE	SSG2604JE	SSG2288JE	SSG2642JE	SSG2291JE	SSG2816JE	SSG2295JE	SSG2565JE	SSG2297JE	SSG2562JE	SSG2303JE	SSG2568JE
Date Sampled:	10-Nov-94	29-Sep-94	29-Sep-94	20-Oct-94	20-Oct-94	5-Oct-94	5-Oct-94	31-Aug-94	31-Aug-94	29-Aug-94	29-Aug-94	2-Sep-94	2-Sep-94
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALDOL CONDENSATION	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALKANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C5H10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C9H12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units: pH													
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9 :V	9 :V

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS443194	SS443194	SS443394	SS443394	SS444094	SS444094	SS444294	SS444294	SS444594	SS444594	SS444994	SS444994	SS450494	SS450494
Sample Identification Number:	SSG2326JE	SSG2573JE	SSG2328JE	SSG2584JE	SSG2335JE	SSG2575JE	SSG2337JE	SSG2585JE	SSG2340JE	SSG2580JE	SSG2344JE	SSG2576JE	SSG2399JE	SSG2591JE
Date Sampled:	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	13-Sep-94	13-Sep-94	8-Sep-94	8-Sep-94	21-Sep-94	21-Sep-94
Test Group:BNACLP Units: µg/kg														
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS443194	SS443194	SS443394	SS443394	SS444094	SS444094	SS444294	SS444294	SS444594	SS444594	SS444994	SS444994	SS450494	SS450494
Sample Identification Number:	SSG2326JE	SSG2573JE	SSG2328JE	SSG2584JE	SSG2335JE	SSG2575JE	SSG2337JE	SSG2585JE	SSG2340JE	SSG2580JE	SSG2344JE	SSG2576JE	SSG2399JE	SSG2591JE
Date Sampled:	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	13-Sep-94	13-Sep-94	8-Sep-94	8-Sep-94	21-Sep-94	21-Sep-94
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: mg/kg														
CESIUM	NA	NA	< 3.9 :J	< 3.9 :J	NA	NA	< 3.9 :J	< 3.8 :J	NA	NA	NA	NA	NA	NA
LITHIUM	NA	NA	3.9 B:J	3.7 B:J	NA	NA	4.2 B:J	4.4 B:J	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	< 1.6 :J	< 1.4 :J	NA	NA	< 2 :J	< 2.1 :J	NA	NA	NA	NA	NA	NA
STRONTIUM	NA	NA	12.3 B:J	12.4 B:J	NA	NA	12.2 B:J	12.7 B:J	NA	NA	NA	NA	NA	NA
TIN	NA	NA	< 2 :J	< 2 :J	NA	NA	< 2.1 :J	< 2 :J	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg														
ALUMINUM	NA	NA	3550 :V	3310 :V	NA	NA	4340 :V	4740 :V	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	3.4 B:J	< 2.6 :J	NA	NA	2.6 B:J	< 2.5 :J	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	2.2 :J	2.4 :J	NA	NA	3 :J	3.2 :V	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	40.3 :V	40.3 :V	NA	NA	47.6 :V	49.4 :V	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	.26 B:V	.23 B:V	NA	NA	.33 B:V	.31 B:V	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	< .15 :V	< .29 :J	NA	NA	< .18 :J	< .34 :J	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	2920 :V	2650 :V	NA	NA	2850 :V	2300 :V	NA	NA	NA	NA	NA	NA
CHROMIUM	NA	NA	5.4 :V	5 :V	NA	NA	7.5 :V	7.9 :V	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	3 B:V	2.7 B:V	NA	NA	3.1 B:V	3.7 B:V	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	12.1 :V	11.4 :V	NA	NA	13.8 :V	17.4 :V	NA	NA	NA	NA	NA	NA
IRON	NA	NA	7380 :V	7130 :V	NA	NA	8030 :V	8530 :V	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	11.4 :V	11.6 :V	NA	NA	13.3 :V	13.5 :V	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	1620 :V	1580 :V	NA	NA	1590 :V	1640 :V	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	157 :V	157 :V	NA	NA	180 :V	182 :V	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	< .049 :V	< .049 :V	NA	NA	< .049 :V	< .049 :V	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	3 B:V	3.1 B:V	NA	NA	4.5 B:V	4.9 B:V	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	1130 :V	1070 :V	NA	NA	1100 :V	1130 :V	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	< .54 :V	< .55 :V	NA	NA	< .55 :V	< .53 :V	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	< .79 :V	< .8 :V	NA	NA	.82 B:J	.78 B:J	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	116 B:V	121 B:V	NA	NA	94.9 B:V	78 B:V	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	< .42 :V	< .43 :V	NA	NA	< .43 :V	< .42 :V	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	11.9 :V	11 :V	NA	NA	14.6 :V	15.9 :V	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	35.6 :V	39 :V	NA	NA	41.3 :V	41.1 :V	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g														
AMERICIUM-241	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GROSS ALPHA	-17(3.6) :Y	22(3.9) :Y	8.9(2.4) :A	-8(2.4) :A	16(3.5) :Y	-12(2.9) :Y	-9.3(2.8) :A	17(3.4) :A	-13(2.2) :A	19(4.2) :A	16(3.6) :Y	-15(3.4) :Y	-14(4) :A	15(3.9) :A
GROSS BETA	-32(3.6) :Y	34(3.6) :Y	28(3.5) :A	-28(3.6) :A	-29(3.6) :Y	35(3.9) :Y	-30(3.4) :A	31(3.4) :A	35(2.6) :A	-30(3.6) :A	-33(3.5) :Y	34(3.6) :Y	26(3.3) :A	-25(3.4) :A
PLUTONIUM-239/240	-9(.66) :Y	10(.29) :Y	-.028(.007) J:V	.032(.007) :V	-4.2(.14) B:Y	12(.35) B:Y	.039(.008) :V	-.028(.007) J:V	.006(.004) J:V	-.002(.003) U:V	2.8(.1) B:Y	-2.1(.083) B:Y	.012(.005) J:V	-.012(.006) J:V
URANIUM, TOTAL	2.4 :Y	-1.9 :Y	1.9 :Y	-1.7 :Y	2 :Y	-1.8 :Y	-2.2 :Y	2.5 :Y	2.5 :Y	-2.4 :Y	2.1 :Y	-1.7 :Y	-2.6 :Y	2.9 :Y
URANIUM-233,-234	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:VOACLP Units: µg/kg														
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS443194	SS443194	SS443394	SS443394	SS444094	SS444094	SS444294	SS444294	SS444594	SS444594	SS444994	SS444994	SS450494	SS450494
Sample Identification Number:	SSG2326JE	SSG2573JE	SSG2328JE	SSG2584JE	SSG2335JE	SSG2575JE	SSG2337JE	SSG2585JE	SSG2340JE	SSG2580JE	SSG2344JE	SSG2576JE	SSG2399JE	SSG2591JE
Date Sampled:	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	8-Sep-94	8-Sep-94	16-Sep-94	16-Sep-94	13-Sep-94	13-Sep-94	8-Sep-94	8-Sep-94	21-Sep-94	21-Sep-94
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALDOL CONDENSATION	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALKANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C5H10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C9H12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units: pH														
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS450794	SS450794	SS450894	SS450894	SS452394	SS452394	SS452694	SS452694	SS454194	SS454194	SS456794	SS456794	SS457894
Sample Identification Number:	SSG2402JE	SSG2588JE	SSG2403JE	SSG2589JE	SSG2418JE	SSG2629JE	SSG2421JE	SSG2626JE	SSG2436JE	SSG2606JE	SSG2462JE	SSG2634JE	SSG2473JE
Date Sampled:	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	29-Sep-94	29-Sep-94	18-Oct-94	18-Oct-94	24-Oct-94
Test Group:BNACLP Units: µg/kg													
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 710 :Y	< 720 :Y	< 710 :Y
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73 J:Y	74 J:Y	< 350 :Y
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100 J:Y	93 J:Y	< 350 :Y
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	140 J:Y	130 J:Y	< 350 :Y
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75 J:Y	57 J:Y	< 350 :Y
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49 J:Y	50 J:Y	< 350 :Y
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	320 J:Y	110 J:Y	< 350 :Y
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	97 J:Y	93 J:Y	< 350 :Y
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200 J:Y	200 J:Y	< 350 :Y
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77 J:Y	62 J:Y	< 350 :Y
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS450794	SS450794	SS450894	SS450894	SS452394	SS452394	SS452694	SS452694	SS454194	SS454194	SS456794	SS456794	SS457894
Sample Identification Number:	SSG2402JE	SSG2588JE	SSG2403JE	SSG2589JE	SSG2418JE	SSG2629JE	SSG2421JE	SSG2626JE	SSG2436JE	SSG2606JE	SSG2462JE	SSG2634JE	SSG2473JE
Date Sampled:	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	29-Sep-94	29-Sep-94	18-Oct-94	18-Oct-94	24-Oct-94
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1700 :Y	< 1700 :Y	< 1700 :Y
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 J:Y	110 J:Y	< 350 :Y
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	150 J:Y	150 J:Y	< 350 :Y
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 360 :Y	< 360 :Y	< 350 :Y
Test Group:METADD Units: mg/kg													
CESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15.1 :J	< 12.9 :J	< 5.9 :J
LITHIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2 B:V	5.2 B:V	7.3 B:V
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4 :J	< 1.3 :J	< 1.7 :J
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.7 :V	25.3 B:V	10 B:V
TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1 :V	< 2.1 :V	< 2 :V
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5080 :V	4790 :V	4750 :V
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.4 :R	< 2.4 :R	< 2.2 :J
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.3 :V	1.6 B:V	1.6 B:V
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.6 :V	43.7 :V	52.2 :V
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	.48 B:V	.54 B:V	< .18 :J
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .3 :V	< .3 :V	< .28 :V
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14700 :V	20100 :V	1430 :V
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.5 :V	6.6 :V	7.9 :V
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.4 B:V	6 B:V	9.3 B:V
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.5 :V	27.8 :V	17.2 :V
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18200 :V	17900 :V	8680 :V
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.9 :V	9.3 :V	6.2 :V
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5560 :V	6040 :V	2030 :V
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	582 :J	633 :J	147 :V
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .064 :J	< .071 :J	< .054 :V
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6 B:V	3.7 B:V	6.7 B:V
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2760 :V	2800 :V	1940 :V
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .54 :V	< .54 :V	< .49 :V
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7 B:J	1.6 B:J	< 1 :J
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	292 B:V	171 B:V	138 B:V
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .37 :V	< .36 :V	< .34 :V
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.9 :V	19.2 :V	13.5 :V
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	69.5 I:J	70 I:J	24.5 :V
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	NA	NA	NA	NA	.001(.005) U:Y	-.009(.009) U:Y	.008(.007) J:Y	-.004(.004) U:Y	-.22(.024) :Y	.26(.03) :Y	.013(.008) J:Y	-.004(.007) U:Y	NA
GROSS ALPHA	-12(3.7) :A	13(2.9) :A	-11(2.7) :A	21(3.8) :A	16(4.5) :Y	-14(3.5) :Y	14(3.1) :Y	-10(2.9) :Y	-20(4.4) :Y	22(4.3) :Y	-9.2(2.9) :Y	12(1.5) :Y	NA
GROSS BETA	34(4) :A	-32(3.5) :A	-29(3.6) :A	35(3.8) :A	28(3.5) :Y	-28(3.5) :Y	21(3.2) :Y	-17(3.4) :Y	-34(3.6) :Y	35(3.7) :Y	-22(3.4) :Y	25(1.4) :Y	NA
PLUTONIUM-239/240	-.006(.005) U:V	.004(.003) J:V	-.007(.004) J:V	.009(.005) J:V	-.002(.005) U:Y	.006(.008) U:Y	.023(.007) J:Y	-.02(.007) J:Y	1.5(.061) :Y	-1.3(.056) :Y	-.021(.012) J:Y	.028(.013) J:Y	NA
URANIUM, TOTAL	2.5 :Y	1.7 :Y	-2.1 :Y	2.5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	NA	NA	NA	NA	-.8(.18) :Y	.88(.2) :Y	1(.23) :Y	-1(.21) :Y	.79(.15) :Y	-.76(.13) :Y	-.68(.15) :Y	.79(.17) :Y	NA
URANIUM-235	NA	NA	NA	NA	.018(.018) U:Y	-.062(.041) U:Y	.038(.051) U:Y	-.069(.059) U:Y	-.006(.026) U:Y	.022(.033) U:Y	.06(.045) J:Y	-.029(.039) U:Y	NA
URANIUM-238	NA	NA	NA	NA	-.83(.18) :Y	.94(.2) :Y	-1(.23) :Y	1.1(.22) :Y	.94(.15) :Y	-.89(.14) :Y	-.75(.15) :Y	.84(.17) :Y	NA
Test Group:VOACLP Units: µg/kg													
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS450794	SS450794	SS450894	SS450894	SS452394	SS452394	SS452694	SS452694	SS454194	SS454194	SS456794	SS456794	SS457894
Sample Identification Number:	SSG2402JE	SSG2588JE	SSG2403JE	SSG2589JE	SSG2418JE	SSG2629JE	SSG2421JE	SSG2626JE	SSG2436JE	SSG2606JE	SSG2462JE	SSG2634JE	SSG2473JE
Date Sampled:	20-Sep-94	20-Sep-94	20-Sep-94	20-Sep-94	12-Oct-94	12-Oct-94	11-Oct-94	11-Oct-94	29-Sep-94	29-Sep-94	18-Oct-94	18-Oct-94	24-Oct-94
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 42 :J	< 69 :J	< 16 :J
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	8 :V
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
UNKNOWN TIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALDOL CONDENSATION	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALKANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C5H10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C9H12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11 :V	< 11 :V	< 11 :V
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :V	< 5 :V	< 5 :V
Test Group:WQPL Units: pH													
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS457894	SS459694	SS459694	SS460494	SS460494	SS461094	SS461094	SS461194	SS461194	SS463494	SS463494	SS464794	SS464794
Sample Identification Number:	SSG2644JE	SSG2491JE	SSG2640JE	SSG2499JE	SSG2623JE	SSG2505JE	SSG2621JE	SSG2506JE	SSG2646JE	SSG2529JE	SSG2614JE	SSG2542JE	SSG2599JE
Date Sampled:	24-Oct-94	19-Oct-94	19-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	25-Oct-94	25-Oct-94	4-Oct-94	4-Oct-94	28-Sep-94	28-Sep-94
Test Group:BNACLP Units: µg/kg													
1,2,4-TRICHLOROBENZENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	< 710 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROETHANE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS457894	SS459694	SS459694	SS460494	SS460494	SS461094	SS461094	SS461194	SS461194	SS463494	SS463494	SS464794	SS464794
Sample Identification Number:	SSG2644JE	SSG2491JE	SSG2640JE	SSG2499JE	SSG2623JE	SSG2505JE	SSG2621JE	SSG2506JE	SSG2646JE	SSG2529JE	SSG2614JE	SSG2542JE	SSG2599JE
Date Sampled:	24-Oct-94	19-Oct-94	19-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	25-Oct-94	25-Oct-94	4-Oct-94	4-Oct-94	28-Sep-94	28-Sep-94
N-NITROSO-DI-n-PROPYLAMINE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	< 1700 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	< 350 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: mg/kg													
CESIUM	< 8.4 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	7.1 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	< 1.3 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	9.7 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	< 2.1 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: mg/kg													
ALUMINUM	4680 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	< 2.4 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	2 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	51.5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	< .2 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	< .3 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	1270 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	7.9 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	12.5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	18.2 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	9250 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	6.8 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	1980 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	161 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	< .054 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	6.3 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	1870 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	< .53 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	< 1.1 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	125 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	< .36 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	14.3 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	24.2 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/g													
AMERICIUM-241	NA	.008(.005) J:Y	-.005(.004) J:Y	.059(.015) :Y	-.038(.014) :Y	-.09(.015) :Y	.11(.017) :Y	.01(.01) J:Y	-.003(.006) U:Y	-.011(.005) J:Y	.017(.011) J:Y	-.004(.002) J:Y	.006(.002) J:Y
GROSS ALPHA	NA	-13(3) :Y	16(3.4) :Y	-20(3.4) :Y	22(3.9) :Y	-20(3.8) :Y	23(3.8) :Y	-26(4.3) :Y	30(4.6) :Y	30(4.1) :Y	-14(3.1) :Y	-7.4(2.5) :Y	9(2.7) :Y
GROSS BETA	NA	30(3.5) :Y	-27(3.6) :Y	-25(3.5) :Y	27(3.4) :Y	-25(3.3) :Y	28(3.5) :Y	-32(3.7) :Y	33(3.6) :Y	24(4.4) :Y	-21(3.3) :Y	-29(3.6) :Y	30(3.5) :Y
PLUTONIUM-239/240	NA	.061(.018) :Y	-.018(.008) J:Y	.15(.022) :Y	-.12(.019) :Y	-.24(.024) :Y	.51(.04) :Y	.022(.01) J:Y	-.009(.008) U:Y	-.02(.007) J:Y	.026(.007) J:Y	-.011(.005) J:Y	.016(.008) J:Y
URANIUM, TOTAL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	NA	-.78(.18) :Y	.98(.15) :Y	-.84(.21) :Y	1.1(.24) :Y	.79(.2) :Y	-.73(.16) :Y	-.8(.19) :Y	.92(.21) :Y	2.4(.33) :Y	-.71(.14) :Y	.8(.13) :Y	-.71(.12) :Y
URANIUM-235	NA	.081(.061) J:Y	-.042(.036) U:Y	.13(.081) J:Y	-.052(.053) U:Y	.051(.051) U:Y	-.065(.056) U:Y	-.084(.073) U:Y	.06(.048) U:Y	.14(.073) J:Y	-.044(.044) U:Y	.015(.02) U:Y	-.037(.038) U:Y
URANIUM-238	NA	-.66(.16) :Y	.95(.15) :Y	-.79(.21) :Y	1(.24) :Y	.85(.21) :Y	-.82(.18) :Y	-.72(.19) :Y	1.1(.24) :Y	5.1(.56) :Y	-.85(.16) :Y	-.72(.12) :Y	.81(.13) :Y
Test Group:VOACLP Units: µg/kg													
1,1,1-TRICHLOROETHANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-22
OU14 Surface Soil
All Duplicates Results*

Sample Location:	SS457894	SS459694	SS459694	SS460494	SS460494	SS461094	SS461094	SS461194	SS461194	SS463494	SS463494	SS464794	SS464794
Sample Identification Number:	SSG2644JE	SSG2491JE	SSG2640JE	SSG2499JE	SSG2623JE	SSG2505JE	SSG2621JE	SSG2506JE	SSG2646JE	SSG2529JE	SSG2614JE	SSG2542JE	SSG2599JE
Date Sampled:	24-Oct-94	19-Oct-94	19-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	10-Oct-94	25-Oct-94	25-Oct-94	4-Oct-94	4-Oct-94	28-Sep-94	28-Sep-94
2-BUTANONE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	< 19 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALDOL CONDENSATION	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; ALKANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C5H10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UNKNOWN TIC ; C9H12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	< 11 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	< 5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:WQPL Units: pH													
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
ERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-23
OU14 Surface Soil
All Duplicates Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/kg												
1,2,4-TRICHLOROBENZENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
1,2-DICHLOROBENZENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
1,3-DICHLOROBENZENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
1,4-DICHLOROBENZENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2,4,5-TRICHLOROPHENOL	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
2,4,6-TRICHLOROPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2,4-DICHLOROPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2,4-DIMETHYLPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2,4-DINITROPHENOL	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
2,4-DINITROTOLUENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2,6-DINITROTOLUENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2-CHLORONAPHTHALENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2-CHLOROPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2-METHYLNAPHTHALENE	330	350	SS457894 (2)	710	SS430994 (1)	53 J:Y	SS430994 (1)	53 J:Y	SS430994 (1)	1	6	186.3333
2-METHYLPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
2-NITROANILINE	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
2-NITROPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	7	0
3,3'-DICHLOROBENZIDINE	660	710	SS456794 (3)	1400	SS430994 (1)					0	6	0
3-NITROANILINE	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
4,6-DINITRO-2-METHYLPHENOL	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
4-CHLORO-3-METHYLPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
4-CHLOROANILINE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
4-CHLOROPHENYL PHENYL ETHER	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
4-METHYLPHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
4-NITROANILINE	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
4-NITROPHENOL	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
ACENAPHTHENE	330	350	SS457894 (2)	360	SS456794 (2)	380 J:Y	SS430994 (1)	490 :Y	SS430994 (1)	2	6	263.3333
ACENAPHTHYLENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
ANTHRACENE	330	350	SS457894 (2)	360	SS456794 (2)	460 J:Y	SS430994 (1)	640 :Y	SS430994 (1)	2	6	301.6667
BENZO(a)ANTHRACENE	330	350	SS457894 (2)	350	SS457894 (2)	73 J:Y	SS456794 (1)	1400 :Y	SS430994 (1)	4	6	516.1667
BENZO(a)PYRENE	330	350	SS457894 (2)	350	SS457894 (2)	93 J:Y	SS456794 (1)	1200 :Y	SS430994 (1)	4	6	433.8333
BENZO(b)FLUORANTHENE	330	350	SS457894 (2)	350	SS457894 (2)	130 J:Y	SS456794 (1)	2500 :Y	SS430994 (1)	4	6	836.6667
BENZO(ghi)PERYLENE	330	350	SS457894 (2)	710	SS430994 (1)	57 J:Y	SS456794 (1)	75 J:Y	SS456794 (1)	2	6	169.5
BENZO(k)FLUORANTHENE	330	350	SS457894 (2)	350	SS457894 (2)	49 J:Y	SS456794 (1)	780 :Y	SS430994 (1)	4	6	308.1667
BENZOIC ACID	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
BENZYL ALCOHOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
BIS(2-CHLOROETHOXY)METHANE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
BIS(2-CHLOROETHYL)ETHER	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
BIS(2-CHLOROISOPROPYL)ETHER	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
BIS(2-ETHYLHEXYL)PHTHALATE	330	350	SS457894 (2)	350	SS457894 (2)	93 J:Y	SS430994 (1)	320 J:Y	SS456794 (1)	5	7	160.4286
BUTYL BENZYL PHTHALATE	330	350	SS457894 (2)	710	SS430994 (1)	69 BJ:Y	SS430994 (1)	81 BJ:Y	SS430994 (1)	2	7	173.5714
CHRYSENE	330	350	SS457894 (2)	350	SS457894 (2)	93 J:Y	SS456794 (1)	1500 :Y	SS430994 (1)	5	7	662.8571
DI-n-BUTYL PHTHALATE	330	350	SS457894 (2)	710	SS430994 (1)					0	7	0
DI-n-OCTYL PHTHALATE	330	350	SS457894 (2)	360	SS430994 (4)	120 J:Y	SS430994 (1)	120 J:Y	SS430994 (1)	1	7	170
DIBENZO(a,h)ANTHRACENE	330	350	SS457894 (2)	360	SS430994 (3)	110 J:Y	SS430994 (1)	160 J:Y	SS430994 (1)	2	7	165.7143
DIBENZOFURAN	330	350	SS457894 (2)	360	SS456794 (2)	120 J:Y	SS430994 (1)	140 J:Y	SS430994 (1)	3	7	157.1429
DIETHYL PHTHALATE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
DIMETHYL PHTHALATE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
FLUORANTHENE	330	350	SS457894 (2)	350	SS457894 (2)	200 J:Y	SS456794 (2)	3400 E:Y	SS430994 (1)	4	6	1175
FLUORENE	330	350	SS457894 (2)	360	SS456794 (2)	330 J:Y	SS430994 (1)	420 :Y	SS430994 (1)	2	6	243.3333
HEXACHLOROBENZENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
HEXACHLOROBUTADIENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
HEXACHLOROCYCLOPENTADIENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
HEXACHLOROETHANE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
INDENO(1,2,3-cd)PYRENE	330	350	SS457894 (2)	350	SS457894 (2)	62 J:Y	SS456794 (1)	440 :Y	SS430994 (1)	4	6	208.1667
ISOPHORONE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
N-NITROSO-DI-n-PROPYLAMINE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0

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TABLE B-23
OU14 Surface Soil
All Duplicates Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
N-NITROSODIPHENYLAMINE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
NAPHTHALENE	330	350	SS457894 (2)	360	SS456794 (2)	75 J:Y	SS430994 (1)	81 J:Y	SS430994 (1)	2	6	144.3333
NITROBENZENE	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
PENTACHLOROPHENOL	1600	1700	SS430994 (5)	3500	SS430994 (1)					0	6	0
PHENANTHRENE	330	350	SS457894 (2)	350	SS457894 (2)	110 J:Y	SS456794 (2)	3000 E:Y	SS430994 (1)	4	6	978.3333
PHENOL	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
PYRENE	330	350	SS457894 (2)	350	SS457894 (2)	150 J:Y	SS456794 (2)	3700 E:Y	SS430994 (1)	4	6	1241.667
p-BROMODIPHENYL ETHER	330	350	SS457894 (2)	710	SS430994 (1)					0	6	0
Test Group:METADD Units: mg/kg												
CESIUM	1000	3.8	SS444294 (1)	15.1	SS456794 (1)					0	16	0
LITHIUM	100	**	**	**	**	3.7 B:J	SS443394 (1)	16.6 B:J	SS440094 (1)	16	16	6
MOLYBDENUM	200	0.49	SS430994 (1)	2.1	SS444294 (1)	4.5 B:J	SS440094 (1)	5 B:J	SS440094 (1)	2	16	1.2059
STRONTIUM	200	**	**	**	**	8.3 B:J	SS440294 (1)	25.3 B:V	SS456794 (1)	16	16	15.475
TIN	200	2	SS430994 (5)	2.7	SS440094 (1)	4.6 B:V	SS430994 (1)	4.6 B:V	SS430994 (1)	1	16	1.2844
Test Group:SMETCLP Units: mg/kg												
ALUMINUM	200	**	**	**	**	3140 :V	SS440294 (1)	8610 :V	SS440094 (1)	16	16	4975.625
ANTIMONY	60	2.2	SS457894 (1)	2.8	SS440094 (2)	2.6 B:J	SS444294 (1)	3.4 B:J	SS443394 (1)	2	14	1.525
ARSENIC	10	**	**	**	**	1.6 B:V	SS456794 (2)	3.3 :V	SS440894 (1)	16	16	2.6125
BARIUM	200	**	**	**	**	37.4 B:V	SS440894 (1)	103 :V	SS440094 (1)	16	16	54.1375
BERYLLIUM	5	0.18	SS457894 (1)	0.2	SS457894 (1)	.2 B:V	SS440894 (1)	.85 B:V	SS440094 (1)	14	16	0.3644
CADMIUM	5	0.15	SS443394 (1)	0.34	SS444294 (1)	.55 B:V	SS430994 (1)	.63 B:V	SS430994 (1)	2	16	0.1716
CALCIUM	5000	**	**	**	**	1270 :V	SS457894 (1)	20100 :V	SS456794 (1)	16	16	6164.375
CHROMIUM	10	**	**	**	**	5 :V	SS443394 (1)	13.1 :V	SS440294 (1)	16	16	8.4625
COBALT	50	**	**	**	**	2.7 B:V	SS443394 (1)	29.7 :J	SS430994 (1)	16	16	7.775
COPPER	25	**	**	**	**	10.7 :J	SS430994 (2)	74.1 :J	SS430994 (1)	16	16	23.7688
IRON	100	**	**	**	**	6870 :V	SS440294 (1)	27700 :V	SS440094 (1)	16	16	11865
LEAD	3	**	**	**	**	4.5 :J	SS440094 (1)	56.6 :V	SS440294 (1)	16	16	13.4688
MAGNESIUM	5000	**	**	**	**	1270 :V	SS430994 (1)	7830 :V	SS440094 (1)	16	16	2920
MANGANESE	15	**	**	**	**	82.7 :J	SS430994 (1)	655 :V	SS440094 (1)	16	16	277.2313
MERCURY	0.2	0.05	SS440894 (1)	0.07	SS456794 (1)	.056 B:V	SS430994 (1)	.12 :V	SS440294 (1)	2	16	0.0342
NICKEL	40	**	**	**	**	3 B:V	SS443394 (1)	11.5 :V	SS440094 (1)	16	16	6.1187
POTASSIUM	5000	**	**	**	**	927 B:V	SS440294 (1)	3760 :V	SS440094 (1)	16	16	1703.5
SELENIUM	5	0.49	SS457894 (1)	0.59	SS440094 (3)					0	16	0
SILVER	10	0.79	SS443394 (1)	2.6	SS430994 (1)	.78 B:J	SS444294 (1)	4.1 :J	SS430994 (1)	7	16	1.2944
SODIUM	5000	92.4	SS430994 (1)	92.4	SS430994 (1)	78 B:V	SS444294 (1)	308 B:V	SS440894 (1)	15	16	167.2563
THALLIUM	10	0.34	SS457894 (1)	0.47	SS440294 (1)					0	16	0
VANADIUM	50	**	**	**	**	11 :V	SS443394 (1)	45.6 :V	SS440094 (1)	16	16	19.1313
ZINC	20	**	**	**	**	24.2 :V	SS457894 (1)	78.6 :V	SS440094 (1)	16	16	50.525
Test Group:TRADS Units: pCi/g												
AMERICIUM-241	0.002	**	**	**	**	-.22(.024) :Y	SS454194 (1)	.26(.03) :Y	SS454194 (1)	38	38	0.003
GROSS ALPHA	3	**	**	**	**	-26(4.1) :Y	SS439394 (2)	30(4.6) :Y	SS461194 (2)	62	62	2.1371
GROSS BETA	4	**	**	**	**	-35(3.7) :A	SS434894 (1)	39(3.8) :A	SS434894 (1)	62	62	1.2742
PLUTONIUM-239/240	0.008	**	**	**	**	-9(.66) :Y:Y	SS443194 (1)	12(.35) B:Y:Y	SS444094 (1)	62	62	0.1651
URANIUM, TOTAL	0.08	**	**	**	**	-2.6 :Y	SS450494 (1)	2.9 :Y	SS450494 (1)	24	24	0.1708
URANIUM-233,-234	0.07	**	**	**	**	-1(.21) :YY	SS452694 (1)	2.4(.33) :Y	SS463494 (1)	38	38	0.0887
URANIUM-235	0.05	**	**	**	**	-.084(.073) U:Y	SS461194 (1)	.14(.073) J:Y	SS463494 (1)	38	38	0.0032
URANIUM-238	0.04	**	**	**	**	-1(.23) :YY	SS452694 (1)	5.1(.56) :Y	SS463494 (1)	38	38	0.1739
Test Group:VOACLP Units: µg/kg												
1,1,1-TRICHLOROETHANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
1,1,2,2-TETRACHLOROETHANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
1,1,2-TRICHLOROETHANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
1,1-DICHLOROETHANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
1,1-DICHLOROETHENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
1,2-DICHLOROETHANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
1,2-DICHLOROETHENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
1,2-DICHLOROPROPANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
2-BUTANONE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0
2-HEXANONE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0

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TABLE B-23
OU14 Surface Soil
All Duplicates Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
4-METHYL-2-PENTANONE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0
ACETONE	10	16	SS457894 (1)	69	SS456794 (1)	30 B:Y	SS430994 (1)	53 B:Y	SS430994 (1)	2	6	26
BENZENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
BROMODICHLOROMETHANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
BROMOFORM	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
BROMOMETHANE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0
CARBON DISULFIDE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
CARBON TETRACHLORIDE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
CHLOROBENZENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
CHLOROETHANE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0
CHLOROFORM	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
CHLOROMETHANE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0
DIBROMOCHLOROMETHANE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
ETHYLBENZENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
METHYLENE CHLORIDE	5	5	SS456794 (2)	5	SS456794 (2)	2 BJ:Y	SS430994 (1)	11 :V	SS457894 (1)	4	6	4.8333
STYRENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
TETRACHLOROETHENE	5	5	SS456794 (4)	5	SS456794 (4)	120 :Y	SS430994 (1)	140 :Y	SS430994 (1)	2	6	45
TOLUENE	5	5	SS430994 (5)	5	SS430994 (5)	3 J:Y	SS430994 (1)	3 J:Y	SS430994 (1)	1	6	2.5833
TOTAL XYLENES	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
TRICHLOROETHENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
UNKNOWN TIC	0	**	**	**	**	6 J:Y	SS430994 (1)	20 J:Y	SS430994 (1)	3	3	13.3333
UNKNOWN TIC ; ALDOL CONDENSATION	0	**	**	**	**	8 J:Y	SS430994 (1)	8 J:Y	SS430994 (1)	1	1	8
UNKNOWN TIC ; ALKANE	0	**	**	**	**	6 J:Y	SS430994 (1)	6 J:Y	SS430994 (1)	1	1	6
UNKNOWN TIC ; C5H10	0	**	**	**	**	6 J:Y	SS430994 (1)	6 J:Y	SS430994 (1)	1	1	6
UNKNOWN TIC ; C9H12	0	**	**	**	**	21 J:Y	SS430994 (1)	21 J:Y	SS430994 (1)	1	1	21
VINYL ACETATE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0
VINYL CHLORIDE	10	11	SS430994 (6)	11	SS430994 (6)					0	6	0
cis-1,3-DICHLOROPROPENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
trans-1,3-DICHLOROPROPENE	5	5	SS430994 (6)	5	SS430994 (6)					0	6	0
Test Group:WQPL Units: pH												
pH	0.01	**	**	**	**	9 :V	SS440894 (2)	9 :V	SS440894 (2)	2	2	9

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-24
OU14 Surface Soil
Duplicate TIC Results*

Sample Location:	SS430994	SS430994	SS456794	SS456794	SS457894	SS457894
Sample Identification Number:	SSG2204JE	SSG2666JE	SSG2462JE	SSG2634JE	SSG2473JE	SSG2644JE
Date Sampled:	15-Nov-94	15-Nov-94	18-Oct-94	18-Oct-94	24-Oct-94	24-Oct-94
Test Group:BNACLP Units: µg/kg						
1,1,2,2-Tetrachloroethane					160 J:Y	170 J:Y
1-Methylnaphthalene	67 J:Y					
4H-Cyclopenta(def)phenanthrene	400 J:Y	440 J:Y				
9,10-Anthracenedione	160 J:Y	350 J:Y				
Carbazole	230 J:Y	180 J:Y				
TIC-Aldol Condensation	35000 BJ:Y		12000 BJ:Y	12000 BJ:Y	5800 BJ:Y	6600 BJ:Y
TIC-Unknown Adipate		160 BJ:Y	120 J:Y	190 J:Y		
TIC-Unknown Alkane					90 J:Y	
TIC-Unknown Alkane-1			73 J:Y	89 J:Y		
TIC-Unknown Alkane-2			89 J:Y	120 J:Y		
TIC-Unknown Alkane-3			88 J:Y	160 J:Y		
TIC-Unknown Alkane-4			120 J:Y	300 J:Y		
TIC-Unknown Alkane-5			170 J:Y	390 J:Y		
TIC-Unknown C15H10	400 J:Y					
TIC-Unknown C15H12 PAH		240 J:Y				
TIC-Unknown C15H12 PAH-1	180 J:Y					
TIC-Unknown C15H12 PAH-2	180 J:Y					
TIC-Unknown C15H12 PAH-3	140 J:Y					
TIC-Unknown C15H12-1	190 J:Y					
TIC-Unknown C15H12-2	120 J:Y					
TIC-Unknown C16H12	180 J:Y					
TIC-Unknown C16H12 PAH	180 J:Y					
TIC-Unknown C17H12 PAH-1	75 J:Y	470 J:Y				
TIC-Unknown C17H12 PAH-2	77 J:Y	280 J:Y				
TIC-Unknown C17H12 PAH-3	200 J:Y	230 J:Y				
TIC-Unknown C17H12 PAH-4	170 J:Y					
TIC-Unknown C17H12 PAH-5	160 J:Y					
TIC-Unknown C17H12-1	290 J:Y					
TIC-Unknown C17H12-2	190 J:Y					
TIC-Unknown C17H12-3	110 J:Y					
TIC-Unknown C18H12 PAH-1	99 J:Y					
TIC-Unknown C18H12 PAH-2	97 J:Y					
TIC-Unknown C19H14	87 J:Y					
TIC-Unknown C20H12	2000 J:Y					
TIC-Unknown C20H12 PAH	690 J:Y					
TIC-Unknown C22H14			110 J:Y			
TIC-Unknown-1	200 J:Y	240 J:Y	110 J:Y	100 J:Y	75 J:Y	74 J:Y
TIC-Unknown-10	1300 J:Y	160 J:Y	120 J:Y		140 J:Y	200 J:Y
TIC-Unknown-11		760 J:Y			99 J:Y	110 J:Y
TIC-Unknown-12		820 J:Y			81 J:Y	87 J:Y

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TABLE B-24
OU14 Surface Soil
Duplicate TIC Results*

Sample Location:	SS430994	SS430994	SS456794	SS456794	SS457894	SS457894
Sample Identification Number:	SSG2204JE	SSG2666JE	SSG2462JE	SSG2634JE	SSG2473JE	SSG2644JE
Date Sampled:	15-Nov-94	15-Nov-94	18-Oct-94	18-Oct-94	24-Oct-94	24-Oct-94
Test Group:BNACLP Units: µg/kg						
TIC-Unknown-13		1000 J:Y				
TIC-Unknown-14		760 J:Y				
TIC-Unknown-15		910 J:Y				
TIC-Unknown-2	120 J:Y	230 J:Y	100 J:Y	73 J:Y	140 J:Y	120 J:Y
TIC-Unknown-3	99 J:Y	290 J:Y	80 J:Y	88 J:Y	110 J:Y	76 J:Y
TIC-Unknown-4	140 J:Y	270 J:Y	72 J:Y	83 J:Y	130 J:Y	110 J:Y
TIC-Unknown-5	630 J:Y	180 J:Y	98 J:Y	85 J:Y	120 J:Y	80 J:Y
TIC-Unknown-6	680 J:Y	190 J:Y	380 J:Y	77 J:Y	170 J:Y	120 J:Y
TIC-Unknown-7	710 J:Y	180 J:Y	150 J:Y	82 J:Y	110 J:Y	110 J:Y
TIC-Unknown-8	1400 J:Y	180 J:Y	83 J:Y	140 J:Y	260 J:Y	100 J:Y
TIC-Unknown-9	1300 J:Y	310 J:Y	120 J:Y	110 J:Y	210 J:Y	230 J:Y
Test Group:VOACLP Units: µg/kg						
TIC-Unknown				13 BJ:Z		6 J:Z
TIC-Unknown Alkane-1				6 J:Z		
TIC-Unknown Alkane-2				6 J:Z		
TIC-Unknown-1			17 BJ:Z			
TIC-Unknown-2			7 J:Z			

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
METADD = Additional Metals
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TIC = tentatively identified compound
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organics
Y = Validation Qualifier: in the process of being validated
Z = Validation Qualifier: validation not requested or performed
? = Data has not been through the validation process
µg/kg = microgram per kilogram
* = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-25
OU14 Surface Soil
Rinsates Detectable Concentration Results***

Sample Location:			SS430594	SS432294	SS432394	SS432694	SS433194	SS434794	SS437294	SS438794	SS440094	SS440294
Sample Identification Number:			SSG2665JE	SSG2662JE	SSG2653JE	SSG2663JE	SSG2658JE	SSG2593JE	SSG2596JE	SSG2632JE	SSG2564JE	SSG2561JE
Date Sampled:	MDL	PRG / BKGND	15-Nov-94	11-Nov-94	2-Nov-94	14-Nov-94	8-Nov-94	22-Sep-94	27-Sep-94	18-Oct-94	31-Aug-94	29-Aug-94
Test Group:BNACLP Units: µg/L												
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0		97 :Y								
Test Group:METADD Units: µg/L												
LITHIUM	100	5.49E 6 / 20.00E 3										
STRONTIUM	200	1.65E 8 / 90.10E 3										
Test Group:SMETCLP Units: µg/L												
ALUMINUM	200	7.96E 8 / 21915.40E 3	42.8 B:JA	54.5 B:JA		30 B:V						
ARSENIC	10	3.66E 2 / 12.90E 3		1.7 B:JA								
BARIUM	200	1.91E 7 / 528.00E 3		2.4 B:JA	.92 B:JA							1.8 B:JA
CADMIUM	5	1.37E 5 / 5.00E 3										
CALCIUM	5000	0.00E 0 / 13573.30E 3		620 B:JA	82.3 B:JA	405 B:V						
IRON	100	0.00E 0 / 28160.40E 3	48.3 B:JA	91.6 B:JA		41.2 B:V						43.9 B:JA
LEAD	3	0.00E 0 / 61.40E 3	1.9 B:JA	3.5 :JA	5.2 :JA	2.4 B:JA					2.7 B:JA	14.6 :JA
MAGNESIUM	5000	0.00E 0 / 7011.50E 3	30.2 B:JA	63.2 B:JA	35.5 B:JA	56.5 B:V						44.4 B:JA
MANGANESE	15	1.36E 6 / 2253.50E 3		2 B:JA		.92 B:V						
POTASSIUM	5000	0.00E 0 / 5256.80E 3	550 B:JA	1250 B:JA	597 B:JA	152 B:V					580 B:V	
SODIUM	5000	0.00E 0 / 1108.00E 3	867 B:JA	1260 B:JA	703 B:JA						1050 B:V	
VANADIUM	50	1.92E 6 / 55.60E 3										
ZINC	20	8.23E 7 / 86.60E 3			7.4 B:JA							
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	0	2.37E 0 / 6.34E-2						.005(.004) J:Y				
GROSS ALPHA	0	0.00E 0 / 44.56E 0								.43(.3) J:Y		
GROSS BETA	0	0.00E 0 / 55.35E 0							1.3(.91) J:A			
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2								.005(.004) J:Y	.004(.003) J:V	
URANIUM-233,-234	0	4.47E 1 / 17.69E-1					.11(.082) J:Y					
Test Group:VOACLP Units: µg/L												
1,1-DICHLOROETHENE	0	E 0 / E 0										
ACETONE	10	2.74E 7 / 0.00E 0				2 J:Y						
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0		2 BJ:Y	12 B:Y							

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TABLE B-25
OU14 Surface Soil
Rinsates Detectable Concentration Results***

Sample Location:			SS440594	SS440894	SS441094	SS441894	SS442294	SS442694	SS443094	SS443394	SS447094	SS448794
Sample Identification Number:			SSG2571JE	SSG2567JE	SSG2566JE	SSG2578JE	SSG2574JE	SSG2569JE	SSG2563JE	SSG2583JE	SSG2582JE	SSG2586JE
Date Sampled:	MDL	PRG / BKGND	7-Sep-94	2-Sep-94	1-Sep-94	12-Sep-94	8-Sep-94	6-Sep-94	30-Aug-94	16-Sep-94	15-Sep-94	19-Sep-94
Test Group:BNACLP Units: µg/L												
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0										
Test Group:METADD Units: µg/L												
LITHIUM	100	5.49E 6 / 20.00E 3										
STRONTIUM	200	1.65E 8 / 90.10E 3			.62 B:JA							
Test Group:SMETCLP Units: µg/L												
ALUMINUM	200	7.96E 8 / 21915.40E 3										
ARSENIC	10	3.66E 2 / 12.90E 3										
BARIUM	200	1.91E 7 / 528.00E 3					1.1 B:V					
CADMIUM	5	1.37E 5 / 5.00E 3									1.6 B:V	
CALCIUM	5000	0.00E 0 / 13573.30E 3										
IRON	100	0.00E 0 / 28160.40E 3				25.5 B:V	44.8 B:V			17.7 B:V	27.4 B:V	13.3 B:V
LEAD	3	0.00E 0 / 61.40E 3	4.5 :V	4 :JA	5.3 :V	3.3 :V	8.9 :V	3.6 :V	2.4 B:JA	2.8 B:JA	3.1 B:JA	2.6 B:JA
MAGNESIUM	5000	0.00E 0 / 7011.50E 3										
MANGANESE	15	1.36E 6 / 2253.50E 3										
POTASSIUM	5000	0.00E 0 / 5256.80E 3		694 B:JA	115 B:V					85.9 B:V	890 B:V	
SODIUM	5000	0.00E 0 / 1108.00E 3		1110 B:JA		107 B:V	82.7 B:V			95.4 B:V	1350 B:V	104 B:V
VANADIUM	50	1.92E 6 / 55.60E 3		2.2 B:JA								
ZINC	20	8.23E 7 / 86.60E 3					8.3 B:V					13.5 B:V
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	0	2.37E 0 / 6.34E-2										
GROSS ALPHA	0	0.00E 0 / 44.56E 0										
GROSS BETA	0	0.00E 0 / 55.35E 0										
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2			.005(.003) J:V							
URANIUM-233,-234	0	4.47E 1 / 17.69E-1										
Test Group:VOACLP Units: µg/L												
1,1-DICHLOROETHENE	0	E 0 / E 0										
ACETONE	10	2.74E 7 / 0.00E 0										
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0										

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TABLE B-25
OU14 Surface Soil
Rinsates Detectable Concentration Results***

Sample Location:			SS449494	SS453094	SS455294	SS456794	SS457194	SS457194	SS457394	SS457894	SS457994	SS459194
Sample Identification Number:			SSG2590JE	SSG2670JE	SSG2656JE	SSG2633JE	SSG2622JE	SSG2637JE	SSG2624JE	SSG2643JE	SSG2635JE	SSG2627JE
Date Sampled:	MDL	PRG / BKGND	21-Sep-94	1-Dec-94	3-Nov-94	18-Oct-94	10-Oct-94	19-Oct-94	11-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94
Test Group:BNACLP Units: µg/L												
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0										
Test Group:METADD Units: µg/L												
LITHIUM	100	5.49E 6 / 20.00E 3										1.2 B:V
STRONTIUM	200	1.65E 8 / 90.10E 3										1.4 B:V
Test Group:SMETCLP Units: µg/L												
ALUMINUM	200	7.96E 8 / 21915.40E 3				39.3 B:JA	23.1 B:V		71.4 B:V			91.7 B:V
ARSENIC	10	3.66E 2 / 12.90E 3										
BARIUM	200	1.91E 7 / 528.00E 3										1.4 B:JA
CADMIUM	5	1.37E 5 / 5.00E 3										
CALCIUM	5000	0.00E 0 / 13573.30E 3		78.3 B:JA		117 B:JA						
IRON	100	0.00E 0 / 28160.40E 3							95.8 B:V			114 :V
LEAD	3	0.00E 0 / 61.40E 3		1.5 B:JA					30.5 :V		2.7 B:JA	21.3 :V
MAGNESIUM	5000	0.00E 0 / 7011.50E 3							46.7 B:V			
MANGANESE	15	1.36E 6 / 2253.50E 3					1.4 B:V		1.8 B:V			2.2 B:V
POTASSIUM	5000	0.00E 0 / 5256.80E 3				408 B:JA	399 B:V		2630 B:V	211 B:JA	130 B:JA	194 B:V
SODIUM	5000	0.00E 0 / 1108.00E 3				444 B:JA	480 B:V		2690 B:V	285 B:V	301 B:V	253 B:V
VANADIUM	50	1.92E 6 / 55.60E 3										
ZINC	20	8.23E 7 / 86.60E 3										
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	0	2.37E 0 / 6.34E-2										
GROSS ALPHA	0	0.00E 0 / 44.56E 0										
GROSS BETA	0	0.00E 0 / 55.35E 0	2.6(.92) J:A									
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2										
URANIUM-233,-234	0	4.47E 1 / 17.69E-1			.11(.095) J:Y						.45(.24) J:Y	
Test Group:VOACLP Units: µg/L												
1,1-DICHLOROETHENE	0	E 0 / E 0								3 BJ:Y-		
ACETONE	10	2.74E 7 / 0.00E 0				14 :JA						
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0						15 :V			12 :V	

TABLE B-25
OU14 Surface Soil
Rinsates Detectable Concentration Results***

Sample Location:			SS460294	SS462294	SS466194
Sample Identification Number:			SSG2645JE	SSG2607JE	SSG2620JE
Date Sampled:	MDL	PRG / BKGND	25-Oct-94	30-Sep-94	10-Oct-94
Test Group:BNACLP Units: µg/L					
BUTYL BENZYL PHTHALATE	330	5.49E 7 / 0.00E 0			
Test Group:METADD Units: µg/L					
LITHIUM	100	5.49E 6 / 20.00E 3			
STRONTIUM	200	1.65E 8 / 90.10E 3			
Test Group:SMETCLP Units: µg/L					
ALUMINUM	200	7.96E 8 / 21915.40E 3	26.9 B:V		
ARSENIC	10	3.66E 2 / 12.90E 3			
BARIUM	200	1.91E 7 / 528.00E 3			
CADMIUM	5	1.37E 5 / 5.00E 3			
CALCIUM	5000	0.00E 0 / 13573.30E 3			
IRON	100	0.00E 0 / 28160.40E 3			
LEAD	3	0.00E 0 / 61.40E 3			
MAGNESIUM	5000	0.00E 0 / 7011.50E 3			
MANGANESE	15	1.36E 6 / 2253.50E 3			
POTASSIUM	5000	0.00E 0 / 5256.80E 3			
SODIUM	5000	0.00E 0 / 1108.00E 3			
VANADIUM	50	1.92E 6 / 55.60E 3			
ZINC	20	8.23E 7 / 86.60E 3			
Test Group:TRADS Units: pCi/L					
AMERICIUM-241	0	2.37E 0 / 6.34E-2			.011(.008) :Y
GROSS ALPHA	0	0.00E 0 / 44.56E 0			
GROSS BETA	0	0.00E 0 / 55.35E 0			
PLUTONIUM-239/240	0	3.42E 0 / 13.21E-2			
URANIUM-233,-234	0	4.47E 1 / 17.69E-1		.11(.087) J:Y	.49(.23) J:Y
Test Group:VOACLP Units: µg/L					
1,1-DICHLOROETHENE	0	E 0 / E 0			
ACETONE	10	2.74E 7 / 0.00E 0			
METHYLENE CHLORIDE	5	8.54E 4 / 0.00E 0			

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
*** = Based on March 17, 1995, data extraction from RFEDS

TABLE B-26
OU14 Surface Soil
Rinsate Detectable Concentration Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/L												
BUTYL BENZYL PHTHALATE	10	10	SS430594 (11)	10	SS430594 (11)	97 :Y	SS432294 (1)	97 :Y	SS432294 (1)	1	12	12.6667
Test Group:METADD Units: µg/L												
LITHIUM	100	1.1	SS430594 (9)	2.6	SS440894 (1)	1.2 B:V	SS459194 (1)	1.2 B:V	SS459194 (1)	1	24	0.7354
STRONTIUM	200	0.6	SS440094 (10)	1.4	SS432294 (1)	.62 B:J	SS441094 (1)	1.4 B:V	SS459194 (1)	2	24	0.4363
Test Group:PESTCLP Units: µg/L												
Test Group:SMETCLP Units: µg/L												
ALUMINUM	200	17	SS440094 (9)	37.6	SS440294 (1)	23.1 B:V	SS457194 (1)	91.7 B:V	SS459194 (1)	8	23	23.0781
ARSENIC	10	1.7	SS430594 (10)	2.6	SS440094 (12)	1.7 B:J	SS432294 (1)	1.7 B:J	SS432294 (1)	1	24	1.1188
BARIUM	200	0.4	SS457894 (2)	2.4	SS453094 (1)	.92 B:J	SS432394 (1)	2.4 B:J	SS432294 (1)	5	24	0.7467
CADMIUM	5	0.8	SS440094 (10)	1.4	SS430594 (12)	1.6 B:V	SS447094 (1)	1.6 B:V	SS447094 (1)	1	24	0.6017
CALCIUM	5000	73.4	SS457894 (3)	407	SS457394 (1)	78.3 B:J	SS453094 (1)	620 B:J	SS432294 (1)	5	24	116.8083
IRON	100	7.4	SS440594 (1)	65.4	SS432394 (1)	13.3 B:V	SS448794 (1)	114 :V	SS459194 (1)	11	24	30.3104
LEAD	3	2.2	SS457894 (1)	3.5	SS457194 (1)	1.5 B:J	SS453094 (1)	30.5 :V	SS457394 (1)	20	24	5.5312
MAGNESIUM	5000	19.8	SS457894 (3)	65.3	SS459194 (1)	30.2 B:J	SS430594 (1)	63.2 B:J	SS432294 (1)	6	24	21.6833
MANGANESE	15	0.9	SS430594 (17)	2.2	SS456794 (1)	.92 B:V	SS432694 (1)	2.2 B:V	SS459194 (1)	5	24	0.7342
POTASSIUM	5000	54.3	SS460294 (1)	171	SS440294 (1)	85.9 B:V	SS443394 (1)	2630 B:V	SS457394 (1)	15	24	385.7479
SODIUM	5000	80	SS453094 (2)	199	SS440294 (1)	82.7 B:V	SS442294 (1)	2690 B:V	SS457394 (1)	16	24	486.4
VANADIUM	50	2.1	SS440094 (11)	2.3	SS430594 (12)	2.2 B:J	SS440894 (1)	2.2 B:J	SS440894 (1)	1	24	1.1479
ZINC	20	6.3	SS430594 (5)	22.9	SS459194 (1)	7.4 B:J	SS432394 (1)	13.5 B:V	SS448794 (1)	3	24	5.6729
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	0.01	**	**	**	**	-.003(.006) U:Y	SS455294 (2)	.011(.008) :Y	SS466194 (1)	48	48	0.0017
GROSS ALPHA	0.7	**	**	**	**	-.51(.99) U:Y	SS457894 (2)	.53(.72) U:A	SS445494 (1)	68	68	0.0153
GROSS BETA	1	**	**	**	**	-.69(.74) U:A	SS436294 (1)	2.6(.92) J:A	SS449494 (1)	68	68	0.0421
PLUTONIUM-239/240	0.006	**	**	**	**	-.003(.004) U:Y	SS454994 (1)	.007(.007) U:Y	SS456794 (1)	68	68	0.001
URANIUM-233,-234	0.2	**	**	**	**	-.05(.05) U:Y	SS431994 (2)	.49(.23) J:Y	SS466194 (1)	48	48	0.0457
URANIUM-235	0.2	**	**	**	**	-.038(.076) U:Y	SS432294 (1)	.087(.12) U:Y	SS454994 (1)	48	48	0.0165
URANIUM-238	0.2	**	**	**	**	-.029(.029) U:Y	SS455994 (1)	.088(.088) U:Y	SS457194 (1)	48	48	0.0178
Test Group:VOACLP Units: µg/L												
1,1-DICHLOROETHENE	5	5	SS430594 (11)	5	SS430594 (11)	3 BJ:Y	SS457894 (1)	3 BJ:Y	SS457894 (1)	1	12	2.5417
ACETONE	10	10	SS430594 (10)	10	SS430594 (10)	2 J:Y	SS432694 (1)	14 :J	SS456794 (1)	2	12	5.5
METHYLENE CHLORIDE	5	5	SS430594 (7)	6	SS456794 (1)	2 BJ:Y	SS432294 (1)	15 :V	SS457194 (1)	4	12	5.125

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS430194			SS430594	SS431994	SS432294	SS432394	SS432694	SS432994	SS433194	SS433794	SS434194
Sample Identification Number:	SSG2650JE			SSG2665JE	SSG2631JE	SSG2662JE	SSG2653JE	SSG2663JE	SSG2594JE	SSG2658JE	SSG2659JE	SSG2647JE
Date Sampled:	28-Oct-94			15-Nov-94	17-Oct-94	11-Nov-94	2-Nov-94	14-Nov-94	23-Sep-94	8-Nov-94	9-Nov-94	26-Oct-94
Test Group:BNACLP Units: µg/L												
1,2,4-TRICHLOROBENZENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2,4-DINITROPHENOL	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2-CHLOROPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2-METHYLPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2-NITROANILINE	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
2-NITROPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA			< 20 :Y	NA	< 20 :Y	< 20 :Y	< 20 :Y	NA	NA	NA	NA
3-NITROANILINE	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
4-CHLOROANILINE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
4-METHYLPHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
4-NITROANILINE	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
4-NITROPHENOL	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
ACENAPHTHENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
ACENAPHTHYLENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
ANTHRACENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BENZO(a)PYRENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BENZOIC ACID	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
BENZYL ALCOHOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA			< 10 :Y	NA	97 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
CHRYSENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
DIBENZOFURAN	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
DIETHYL PHTHALATE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
FLUORANTHENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
FLUORENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
HEXACHLOROBENZENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS430194			SS430594	SS431994	SS432294	SS432394	SS432694	SS432994	SS433194	SS433794	SS434194
Sample Identification Number:	SSG2650JE			SSG2665JE	SSG2631JE	SSG2662JE	SSG2653JE	SSG2663JE	SSG2594JE	SSG2658JE	SSG2659JE	SSG2647JE
Date Sampled:	28-Oct-94			15-Nov-94	17-Oct-94	11-Nov-94	2-Nov-94	14-Nov-94	23-Sep-94	8-Nov-94	9-Nov-94	26-Oct-94
HEXACHLOROETHANE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
ISOPHORONE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
NAPHTHALENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
NITROBENZENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
PENTACHLOROPHENOL	NA			< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	NA	NA	NA	NA
PHENANTHRENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
PHENOL	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
PYRENE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
Test Group:METADD Units: µg/L												
CESIUM	NA			< 20 :J	NA	< 20 :J	< 20 :J	< 12.9 :V	NA	NA	NA	NA
LITHIUM	NA			< 1.1 :J	NA	< 1.1 :J	< 1.1 :J	< 1.1 :V	NA	NA	NA	NA
MOLYBDENUM	NA			< 2.4 :J	NA	< 2.4 :J	< 2.4 :J	< 2.4 :V	NA	NA	NA	NA
STRONTIUM	NA			< 1.1 :J	NA	< 1.4 :J	< .85 :J	< 1.1 :J	NA	NA	NA	NA
TIN	NA			< 9.9 :J	NA	< 9.9 :J	< 9.9 :J	< 9.9 :V	NA	NA	NA	NA
Test Group:PESTCLP Units: µg/L												
4,4'-DDD	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
ALDRIN	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-CHLORDANE	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (LINDANE)	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-CHLORDANE	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: µg/L												
ALUMINUM	NA			42.8 B:J	NA	54.5 B:J	< 22.4 :R	30 B:V	NA	NA	NA	NA
ANTIMONY	NA			< 11.2 :J	NA	< 11.2 :J	< 11.2 :J	< 11.2 :V	NA	NA	NA	NA
ARSENIC	NA			< 1.7 :J	NA	1.7 B:J	< 1.7 :J	< 1.7 :V	NA	NA	NA	NA
BARIUM	NA			< .92 :J	NA	2.4 B:J	.92 B:J	< .85 :J	NA	NA	NA	NA
BERYLLIUM	NA			< .3 :J	NA	< .3 :J	< .3 :J	< .3 :V	NA	NA	NA	NA
CADMIUM	NA			< 1.4 :J	NA	< 1.4 :J	< 1.4 :J	< 1.4 :V	NA	NA	NA	NA
CALCIUM	NA			< 79.4 :J	NA	620 B:J	82.3 B:J	405 B:V	NA	NA	NA	NA

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS430194			SS430594	SS431994	SS432294	SS432394	SS432694	SS432994	SS433194	SS433794	SS434194
Sample Identification Number:	SSG2650JE			SSG2665JE	SSG2631JE	SSG2662JE	SSG2653JE	SSG2663JE	SSG2594JE	SSG2658JE	SSG2659JE	SSG2647JE
Date Sampled:	28-Oct-94			15-Nov-94	17-Oct-94	11-Nov-94	2-Nov-94	14-Nov-94	23-Sep-94	8-Nov-94	9-Nov-94	26-Oct-94
CHROMIUM	NA			< 1.7 :J	NA	< 1.7 :J	< 1.7 :J	< 1.7 :R	NA	NA	NA	NA
COBALT	NA			< 2.3 :J	NA	< 2.3 :J	< 2.3 :J	< 2.3 :V	NA	NA	NA	NA
COPPER	NA			< 5.2 :J	NA	< 14.2 :J	< 4.5 :J	< 7.6 :J	NA	NA	NA	NA
IRON	NA			48.3 B:J	NA	91.6 B:J	< 65.4 :J	41.2 B:V	NA	NA	NA	NA
LEAD	NA			1.9 B:J	NA	3.5 :J	5.2 :J	2.4 B:J	NA	NA	NA	NA
MAGNESIUM	NA			30.2 B:J	NA	63.2 B:J	35.5 B:J	56.5 B:V	NA	NA	NA	NA
MANGANESE	NA			< .9 :J	NA	2 B:J	< .9 :J	.92 B:V	NA	NA	NA	NA
MERCURY	NA			< .2 :J	NA	< .2 :J	< .2 :J	< .2 :V	NA	NA	NA	NA
NICKEL	NA			< 3.5 :J	NA	< 3.5 :J	< 3.5 :J	< 3.5 :V	NA	NA	NA	NA
POTASSIUM	NA			550 B:J	NA	1250 B:J	597 B:J	152 B:V	NA	NA	NA	NA
SELENIUM	NA			< 2.5 :J	NA	< 2.5 :J	< 2.5 :J	< 2.5 :J	NA	NA	NA	NA
SILVER	NA			< 2.4 :J	NA	< 2.4 :J	< 2.4 :J	< 2.4 :V	NA	NA	NA	NA
SODIUM	NA			867 B:J	NA	1260 B:J	703 B:J	< 132 :J	NA	NA	NA	NA
THALLIUM	NA			< 1.7 :J	NA	< 1.7 :J	< 1.7 :J	< 1.7 :V	NA	NA	NA	NA
VANADIUM	NA			< 2.3 :J	NA	< 2.3 :J	< 2.3 :J	< 2.3 :V	NA	NA	NA	NA
ZINC	NA			< 6.3 :J	NA	< 21.1 :J	7.4 B:J	< 6.3 :V	NA	NA	NA	NA
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	(.004) U:Y			-.002(.003) U:Y	.001(.002) U:Y	(.003) U:Y	.001(.005) U:Y	.002(.003) U:Y	-.001(.003) U:Y	.002(.004) U:Y	.001(.004) U:Y	-.002(.007) U:Y
GROSS ALPHA	.3(.71) U:Y			-.013(.36) U:Y	.092(.37) U:Y	.42(.45) U:Y	-.057(.44) U:Y	-.11(.31) U:Y	.052(.54) U:A	-.24(.42) U:Y	.15(.36) U:Y	-.029(.86) U:Y
GROSS BETA	.23(.78) U:Y			-.42(.83) U:Y	.44(.76) U:Y	-.13(.86) U:Y	-.19(.65) U:Y	-.24(.69) U:Y	-.087(.77) U:A	.027(.88) U:Y	-.15(.79) U:Y	-.5(.73) U:Y
PLUTONIUM-239/240	-.002(.003) U:Y			-.002(.005) U:Y	.001(.004) U:Y	.003(.004) U:Y	-.002(.003) U:Y	(.002) U:Y	(.001) U:Y	(.003) U:Y	.001(.004) U:Y	(.005) U:Y
URANIUM, TOTAL	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	-.019(.078) U:Y			-.022(.043) U:Y	-.05(.05) U:Y	(.13) U:Y	-.035(.07) U:Y	(.11) U:Y	-.042(.057) U:Y	.11(.082) J:Y	.03(.09) U:Y	-.05(.15) U:Y
URANIUM-235	(.047) U:Y			.026(.052) U:Y	-.03(.061) U:Y	-.038(.076) U:Y	.042(.085) U:Y	(.13) U:Y	-.017(.034) U:Y	(.033) U:Y	.018(.036) U:Y	.061(.12) U:Y
URANIUM-238	.039(.039) U:Y			.043(.043) U:Y	(.05) U:Y	(.062) U:Y	.035(.07) U:Y	.054(.11) U:Y	(.028) U:Y	.014(.027) U:Y	.045(.06) U:Y	(.05) U:Y
Test Group:VOACLP Units: µg/L												
1,1,1-TRICHLOROETHANE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA			< 5 :Y	NA	< 5 :Y	NA	< 5 :Y	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
1,2-DICHLOROETHENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
2-BUTANONE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
2-HEXANONE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
ACETONE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	2 J:Y	NA	NA	NA	NA
BENZENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
BROMOFORM	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
BROMOMETHANE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
CARBON DISULFIDE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
CHLOROBENZENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
CHLOROETHANE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
CHLOROFORM	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
CHLOROMETHANE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
ETHYLBENZENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
METHYLENE CHLORIDE	NA			< 5 :Y	NA	2 BJ:Y	12 B:Y	< 5 :Y	NA	NA	NA	NA
STYRENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
TETRACHLOROETHENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
TOLUENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS430194			SS430594	SS431994	SS432294	SS432394	SS432694	SS432994	SS433194	SS433794	SS434194
Sample Identification Number:	SSG2650JE			SSG2665JE	SSG2631JE	SSG2662JE	SSG2653JE	SSG2663JE	SSG2594JE	SSG2658JE	SSG2659JE	SSG2647JE
Date Sampled:	28-Oct-94			15-Nov-94	17-Oct-94	11-Nov-94	2-Nov-94	14-Nov-94	23-Sep-94	8-Nov-94	9-Nov-94	28-Oct-94
TOTAL XYLENES	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
TRICHLOROETHENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
VINYL ACETATE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
VINYL CHLORIDE	NA			< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA			< 5 :Y	NA	< 5 :Y	< 5 :Y	< 5 :Y	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS434794	SS435594	SS436294	SS436994	SS437294	SS437794	SS438094	SS438194	SS438794	SS439094	SS439194	SS439394
Sample Identification Number:	SSG2593JE	SSG2654JE	SSG2595JE	SSG2609JE	SSG2596JE	SSG2660JE	SSG2608JE	SSG2602JE	SSG2632JE	SSG2612JE	SSG2630JE	SSG2641JE
Date Sampled:	22-Sep-94	3-Nov-94	26-Sep-94	3-Oct-94	27-Sep-94	10-Nov-94	3-Oct-94	29-Sep-94	18-Oct-94	4-Oct-94	13-Oct-94	20-Oct-94
Test Group:BNACLP Units: µg/L												
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS434794	SS435594	SS436294	SS436994	SS437294	SS437794	SS438094	SS438194	SS438794	SS439094	SS439194	SS439394
Sample Identification Number:	SSG2593JE	SSG2654JE	SSG2595JE	SSG2609JE	SSG2596JE	SSG2660JE	SSG2608JE	SSG2602JE	SSG2632JE	SSG2612JE	SSG2630JE	SSG2641JE
Date Sampled:	22-Sep-94	3-Nov-94	26-Sep-94	3-Oct-94	27-Sep-94	10-Nov-94	3-Oct-94	29-Sep-94	18-Oct-94	4-Oct-94	13-Oct-94	20-Oct-94
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: µg/L												
CESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:PESTCLP Units: µg/L												
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: µg/L												
ALUMINUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS434794	SS435594	SS436294	SS436994	SS437294	SS437794	SS438094	SS438194	SS438794	SS439094	SS439194	SS439394
Sample Identification Number:	SSG2593JE	SSG2654JE	SSG2595JE	SSG2609JE	SSG2596JE	SSG2660JE	SSG2608JE	SSG2602JE	SSG2632JE	SSG2612JE	SSG2630JE	SSG2641JE
Date Sampled:	22-Sep-94	3-Nov-94	26-Sep-94	3-Oct-94	27-Sep-94	10-Nov-94	3-Oct-94	29-Sep-94	18-Oct-94	4-Oct-94	13-Oct-94	20-Oct-94
CHROMIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	.005(.004) J:Y	.007(.007) U:Y	.001(.004) U:Y	.001(.003) U:Y	.001(.002) U:Y	.003(.004) U:Y	.001(.004) U:Y	.002(.003) U:Y	.001(.004) U:Y	.001(.003) U:Y	.002(.004) U:Y	.004(.005) U:Y
GROSS ALPHA	.14(.42) U:A	.031(.49) U:Y	-.29(.39) U:A	-.066(.44) U:A	-.079(.46) U:A	.3(.6) U:Y	-.18(.41) U:A	.13(.53) U:A	.43(.3) J:Y	-.35(.42) U:A	.083(.31) U:Y	-.44(1.1) U:Y
GROSS BETA	-.31(.76) U:A	-.16(.74) U:Y	-.69(.74) U:A	-.42(.75) U:A	1.3(.91) J:A	.075(.75) U:Y	-.41(.75) U:A	-.44(.76) U:A	.013(.76) U:Y	.12(.86) U:A	-.22(.78) U:Y	-.35(.91) U:Y
PLUTONIUM-239/240	(.003) U:Y	.006(.006) U:Y	.001(.001) U:Y	-.001(.001) U:Y	(.004) U:Y	-.002(.002) U:Y	-.001(.003) U:Y	.002(.004) U:Y	.005(.004) J:Y	(.001) U:Y	(.002) U:Y	.003(.003) U:Y
URANIUM, TOTAL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	-.012(.072) U:Y	.066(.13) U:Y	(.18) U:Y	(.13) U:Y	.026(.1) U:Y	.055(.11) U:Y	.037(.055) U:Y	.019(.038) U:Y	.073(.098) U:Y	.009(.035) U:Y	(.13) U:Y	.096(.083) U:Y
URANIUM-235	-.015(.029) U:Y	(.053) U:Y	.036(.14) U:Y	(.054) U:Y	.031(.12) U:Y	.022(.088) U:Y	(.022) U:Y	.012(.023) U:Y	(.059) U:Y	(.021) U:Y	(.053) U:Y	(.033) U:Y
URANIUM-238	(.024) U:Y	.022(.087) U:Y	(.059) U:Y	(.044) U:Y	.077(.1) U:Y	-.018(.037) U:Y	.018(.018) U:Y	(.019) U:Y	.024(.049) U:Y	(.017) U:Y	.022(.044) U:Y	.027(.028) U:Y
Test Group:VOACLP Units: µg/L												
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS434794	SS435594	SS436294	SS436994	SS437294	SS437794	SS438094	SS438194	SS438794	SS439094	SS439194	SS439394
Sample Identification Number:	SSG2593JE	SSG2654JE	SSG2595JE	SSG2609JE	SSG2596JE	SSG2660JE	SSG2608JE	SSG2602JE	SSG2632JE	SSG2612JE	SSG2630JE	SSG2641JE
Date Sampled:	22-Sep-94	3-Nov-94	26-Sep-94	3-Oct-94	27-Sep-94	10-Nov-94	3-Oct-94	29-Sep-94	18-Oct-94	4-Oct-94	13-Oct-94	20-Oct-94
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All RInsates Results*

Sample Location:	SS439694	SS440094	SS440294	SS440594	SS440894	SS441094	SS441894	SS442294	SS442694	SS443094	SS443394	SS444594
Sample Identification Number:	SSG2615JE	SSG2564JE	SSG2561JE	SSG2571JE	SSG2567JE	SSG2566JE	SSG2578JE	SSG2574JE	SSG2569JE	SSG2563JE	SSG2583JE	SSG2579JE
Date Sampled:	5-Oct-94	31-Aug-94	29-Aug-94	7-Sep-94	2-Sep-94	1-Sep-94	12-Sep-94	8-Sep-94	6-Sep-94	30-Aug-94	16-Sep-94	13-Sep-94
Test Group:BNACLP Units: µg/L												
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS439694	SS440094	SS440294	SS440594	SS440894	SS441094	SS441894	SS442294	SS442694	SS443094	SS443394	SS444594
Sample Identification Number:	SSG2615JE	SSG2564JE	SSG2561JE	SSG2571JE	SSG2567JE	SSG2566JE	SSG2578JE	SSG2574JE	SSG2569JE	SSG2563JE	SSG2583JE	SSG2579JE
Date Sampled:	5-Oct-94	31-Aug-94	29-Aug-94	7-Sep-94	2-Sep-94	1-Sep-94	12-Sep-94	8-Sep-94	6-Sep-94	30-Aug-94	16-Sep-94	13-Sep-94
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: µg/L												
CESIUM	NA	< 20 :J	< 20 :J	< 30 :J	< 20 :J	< 20 :J	< 30 :J	< 40 :J	< 30 :J	< 30 :J	< 20 :J	NA
LITHIUM	NA	< 1.5 :V	< 1.5 :J	< 1.6 :J	< 2.6 :J	< 1.5 :J	< 1.5 :V	< 1.5 :V	< 1.7 :J	< 1.5 :V	< 1.5 :V	NA
MOLYBDENUM	NA	< 3.3 :V	< 3.3 :J	< 3.3 :V	< 3.3 :J	< 3.3 :V	< 3.3 :V	< 3.3 :V	< 3.3 :V	< 3.3 :V	< 3.3 :V	NA
STRONTIUM	NA	< .6 :V	< .6 :J	< .6 :V	< .6 :J	.62 B:J	< .6 :V	< .73 :J	< .6 :V	< .6 :V	< .6 :V	NA
TIN	NA	< 10.5 :V	< 10.5 :J	< 10.5 :V	< 10.5 :J	< 10.5 :J	< 10.5 :V	< 10.5 :V	< 10.5 :V	< 10.5 :V	< 10.5 :V	NA
Test Group:PESTCLP Units: µg/L												
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: µg/L												
ALUMINUM	NA	< 17 :V	< 37.6 :J	< 17 :V	< 25.2 :J	< 19.1 :J	< 17 :V	< 17 :V	< 17 :V	< 17 :V	< 17 :V	NA
ANTIMONY	NA	< 13.1 :V	< 13.1 :J	< 13.1 :V	< 13.1 :J	< 13.1 :V	< 13.1 :V	< 13.1 :J	< 13.1 :V	< 13.1 :V	< 13.1 :V	NA
ARSENIC	NA	< 2.6 :V	< 2.6 :J	< 2.6 :V	< 2.6 :J	< 2.6 :V	< 2.6 :V	< 2.6 :V	< 2.6 :V	< 2.6 :V	< 2.6 :V	NA
BARIUM	NA	< 1 :V	1.8 B:J	< 1 :V	< 1.2 :J	< 1 :V	< 1 :V	1.1 B:V	< 1 :V	< 1 :V	< 1 :V	NA
BERYLLIUM	NA	< .3 :V	< .3 :J	< .3 :V	< .3 :J	< .3 :V	< .33 :J	< .3 :V	< .3 :V	< .3 :V	< .3 :V	NA
CADMIUM	NA	< .8 :V	< .8 :J	< .8 :V	< .8 :J	< .88 :J	< .8 :V	< .8 :V	< .8 :V	< .8 :V	< .8 :V	NA
CALCIUM	NA	< 109 :V	< 332 :J	< 208 :J	< 175 :J	< 109 :V	< 154 :J	< 109 :V	< 111 :J	< 109 :V	< 109 :V	NA

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TABLE B-27
OU14 Surface Soil
All RInsates Results*

Sample Location:	SS439694	SS440094	SS440294	SS440594	SS440894	SS441094	SS441894	SS442294	SS442694	SS443094	SS443394	SS444594
Sample Identification Number:	SSG2615JE	SSG2564JE	SSG2561JE	SSG2571JE	SSG2567JE	SSG2566JE	SSG2578JE	SSG2574JE	SSG2569JE	SSG2563JE	SSG2583JE	SSG2579JE
Date Sampled:	5-Oct-94	31-Aug-94	29-Aug-94	7-Sep-94	2-Sep-94	1-Sep-94	12-Sep-94	8-Sep-94	6-Sep-94	30-Aug-94	16-Sep-94	13-Sep-94
CHROMIUM	NA	< 2.2 :V	< 2.2 :J	< 2.2 :V	< 2.2 :J	< 2.2 :V	< 2.2 :V	< 2.2 :V	< 2.2 :V	< 2.2 :V	< 2.2 :V	NA
COBALT	NA	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.4 :J	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V	NA
COPPER	NA	< 2.8 :J	< 6.9 :J	< 7.2 :J	< 6 :J	< 4.8 :J	< 3.7 :J	< 15.5 :J	< 3.9 :J	< 3.7 :J	< 2.2 :J	NA
IRON	NA	< 16.6 :J	43.9 B:J	< 7.4 :V	< 17.2 :J	< 15.3 :J	25.5 B:V	44.8 B:V	< 11.1 :J	< 39 :J	17.7 B:V	NA
LEAD	NA	2.7 B:J	14.6 :J	4.5 :V	4 :J	5.3 :V	3.3 :V	8.9 :V	3.6 :V	2.4 B:J	2.8 B:J	NA
MAGNESIUM	NA	< 23.4 :V	44.4 B:J	< 23.4 :V	< 23.4 :J	< 23.4 :V	< 23.4 :V	< 23.4 :V	< 23.4 :V	< 31.5 :J	< 23.4 :V	NA
MANGANESE	NA	< .9 :V	< 1.1 :J	< .9 :V	< .9 :J	< .9 :V	< .9 :V	< .9 :V	< .9 :V	< .9 :V	< .9 :V	NA
MERCURY	NA	< .1 :J	< .1 :J	< .1 :V	< .1 :J	< .1 :V	< .1 :V	< .1 :V	< .1 :V	< .1 :V	< .1 :V	NA
NICKEL	NA	< 4.2 :V	< 4.2 :J	< 4.2 :V	< 4.2 :J	< 4.2 :V	< 4.2 :V	< 4.2 :V	< 4.2 :V	< 4.2 :V	< 4.2 :V	NA
POTASSIUM	NA	580 B:V	< 171 :J	< 65.3 :V	694 B:J	115 B:V	< 65.3 :V	< 65.3 :V	< 65.3 :V	< 65.3 :V	85.9 B:V	NA
SELENIUM	NA	< 2.8 :V	< 2.8 :J	< 2.8 :V	< 2.8 :J	< 2.8 :V	< 2.8 :V	< 2.8 :V	< 2.8 :V	< 2.8 :V	< 2.8 :V	NA
SILVER	NA	< 4.1 :V	< 4.1 :J	< 4.1 :V	< 4.1 :J	< 4.1 :V	< 4.1 :V	< 4.1 :V	< 4.1 :V	< 4.1 :V	< 4.1 :V	NA
SODIUM	NA	1050 B:V	< 199 :J	< 110 :J	1110 B:J	< 166 :J	107 B:V	82.7 B:V	< 108 :J	< 108 :J	95.4 B:V	NA
THALLIUM	NA	< 2.2 :V	< 2.2 :J	< 2.2 :V	< 2.2 :J	< 2.2 :J	< 2.2 :V	< 2.2 :V	< 2.2 :V	< 2.2 :V	< 2.2 :V	NA
VANADIUM	NA	< 2.1 :V	< 2.1 :J	< 2.1 :V	2.2 B:J	< 2.1 :J	< 2.1 :V	< 2.1 :V	< 2.1 :V	< 2.1 :V	< 2.1 :V	NA
ZINC	NA	< 7.5 :V	< 20 :J	< 7.5 :V	< 7.9 :J	< 8.4 :J	< 7.5 :V	8.3 B:V	< 7.5 :V	< 7.5 :V	< 7.5 :V	NA
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	.003(.006) U:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GROSS ALPHA	-.076(.71) U:Y	.22(.55) U:A	.28(.66) U:A	.28(.57) U:A	-.053(.59) U:A	-.019(.73) U:A	-.13(.54) U:A	-.33(.54) U:A	.21(.56) U:A	.14(.61) U:A	.11(.24) U:A	.007(.31) U:A
GROSS BETA	.39(.9) U:Y	.13(.89) U:A	.14(.76) U:A	.85(.83) U:A	.19(.9) U:A	-.27(.8) U:A	-.17(.77) U:A	-.4(.77) U:A	.56(.91) U:A	.29(.89) U:A	.01(.58) U:A	.15(.78) U:A
PLUTONIUM-239/240	(.003) U:Y	.004(.003) J:V	.001(.003) U:V	.002(.003) U:V	.001(.002) U:V	.005(.003) J:V	.002(.004) U:V	.003(.003) U:V	.002(.002) U:V	.004(.003) U:V	-.001(.004) U:V	.002(.003) U:V
URANIUM, TOTAL	NA	NA	< .02 :Y	NA	NA	NA	NA	NA	NA	NA	< .1 :Y	< .1 :Y
URANIUM-233,-234	-.022(.087) U:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-235	-.026(.053) U:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-238	(.043) U:Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:VOACLP Units: µg/L												
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS439694	SS440094	SS440294	SS440594	SS440894	SS441094	SS441894	SS442294	SS442694	SS443094	SS443394	SS444594
Sample Identification Number:	SSG2615JE	SSG2564JE	SSG2561JE	SSG2571JE	SSG2567JE	SSG2566JE	SSG2578JE	SSG2574JE	SSG2569JE	SSG2563JE	SSG2583JE	SSG2579JE
Date Sampled:	5-Oct-94	31-Aug-94	29-Aug-94	7-Sep-94	2-Sep-94	1-Sep-94	12-Sep-94	8-Sep-94	6-Sep-94	30-Aug-94	16-Sep-94	13-Sep-94
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS445494	SS447094	SS447594	SS447994	SS448794	SS449394	SS449494	SS449794	SS452194	SS452594	SS452794	SS453094
Sample Identification Number:	SSG2570JE	SSG2582JE	SSG2577JE	SSG2572JE	SSG2586JE	SSG2581JE	SSG2590JE	SSG2592JE	SSG2587JE	SSG2628JE	SSG2625JE	SSG2670JE
Date Sampled:	6-Sep-94	15-Sep-94	9-Sep-94	7-Sep-94	19-Sep-94	14-Sep-94	21-Sep-94	22-Sep-94	20-Sep-94	12-Oct-94	11-Oct-94	1-Dec-94
Test Group:BNACLP Units: µg/L												
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2-CHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
2-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20 :Y
3-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
4-CHLOROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
4-NITROANILINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
4-NITROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BENZO(a)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BENZOIC ACID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
BENZYL ALCOHOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
DIBENZOFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS445494	SS447094	SS447594	SS447994	SS448794	SS449394	SS449494	SS449794	SS452194	SS452594	SS452794	SS453094
Sample Identification Number:	SSG2570JE	SSG2582JE	SSG2577JE	SSG2572JE	SSG2586JE	SSG2581JE	SSG2590JE	SSG2592JE	SSG2587JE	SSG2628JE	SSG2625JE	SSG2670JE
Date Sampled:	6-Sep-94	15-Sep-94	9-Sep-94	7-Sep-94	19-Sep-94	14-Sep-94	21-Sep-94	22-Sep-94	20-Sep-94	12-Oct-94	11-Oct-94	1-Dec-94
HEXACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
ISOPHORONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
N-NITROSO-Di-n-PROPYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
NITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 :Y
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
PHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
Test Group:METADD Units: µg/L												
CESIUM	NA	< 20 :J	NA	NA	< 16 :V	NA	NA	NA	NA	NA	NA	< 12.9 :J
LITHIUM	NA	< 1.5 :V	NA	NA	< 1.5 :V	NA	NA	NA	NA	NA	NA	< 1.8 :J
MOLYBDENUM	NA	< 3.3 :V	NA	NA	< 3.3 :V	NA	NA	NA	NA	NA	NA	< 2.4 :J
STRONTIUM	NA	< .6 :V	NA	NA	< .6 :V	NA	NA	NA	NA	NA	NA	< .7 :J
TIN	NA	< 10.5 :V	NA	NA	< 10.5 :V	NA	NA	NA	NA	NA	NA	< 9.9 :J
Test Group:PESTCLP Units: µg/L												
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 :Y
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 :Y
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .1 :Y
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 :Y
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
alpha-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
gamma-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .05 :Y
gamma-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< .5 :Y
Test Group:SMETCLP Units: µg/L												
ALUMINUM	NA	< 17 :V	NA	NA	< 17 :V	NA	NA	NA	NA	NA	NA	< 22.4 :J
ANTIMONY	NA	< 13.1 :V	NA	NA	< 13.1 :V	NA	NA	NA	NA	NA	NA	< 11.2 :J
ARSENIC	NA	< 2.6 :V	NA	NA	< 2.6 :V	NA	NA	NA	NA	NA	NA	< 1.7 :J
BARIUM	NA	< 1 :V	NA	NA	< 1 :V	NA	NA	NA	NA	NA	NA	< 2.4 :J
BERYLLIUM	NA	< .3 :V	NA	NA	< .3 :V	NA	NA	NA	NA	NA	NA	< .3 :J
CADMIUM	NA	1.6 B:V	NA	NA	< .8 :V	NA	NA	NA	NA	NA	NA	< 1.4 :J
CALCIUM	NA	< 109 :V	NA	NA	< 109 :V	NA	NA	NA	NA	NA	NA	78.3 B:J

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS445494	SS447094	SS447594	SS447994	SS448794	SS449394	SS449494	SS449794	SS452194	SS452594	SS452794	SS453094
Sample Identification Number:	SSG2570JE	SSG2582JE	SSG2577JE	SSG2572JE	SSG2586JE	SSG2581JE	SSG2590JE	SSG2592JE	SSG2587JE	SSG2628JE	SSG2625JE	SSG2670JE
Date Sampled:	6-Sep-94	15-Sep-94	9-Sep-94	7-Sep-94	19-Sep-94	14-Sep-94	21-Sep-94	22-Sep-94	20-Sep-94	12-Oct-94	11-Oct-94	1-Dec-94
CHROMIUM	NA	< 2.2 :V	NA	NA	< 2.2 :V	NA	NA	NA	NA	NA	NA	< 1.7 :J
COBALT	NA	< 2.4 :V	NA	NA	< 2.4 :V	NA	NA	NA	NA	NA	NA	< 2.3 :J
COPPER	NA	< 6.6 :J	NA	NA	< 9.8 :J	NA	NA	NA	NA	NA	NA	< 5.3 :J
IRON	NA	27.4 B:V	NA	NA	13.3 B:V	NA	NA	NA	NA	NA	NA	< 12.7 :J
LEAD	NA	3.1 B:J	NA	NA	2.6 B:J	NA	NA	NA	NA	NA	NA	1.5 B:J
MAGNESIUM	NA	< 23.4 :V	NA	NA	< 23.4 :V	NA	NA	NA	NA	NA	NA	< 37.8 :J
MANGANESE	NA	< .9 :V	NA	NA	< .9 :V	NA	NA	NA	NA	NA	NA	< .9 :J
MERCURY	NA	< .1 :V	NA	NA	< .1 :V	NA	NA	NA	NA	NA	NA	< .2 :J
NICKEL	NA	< 4.2 :V	NA	NA	< 4.2 :V	NA	NA	NA	NA	NA	NA	< 3.5 :J
POTASSIUM	NA	890 B:V	NA	NA	< 65.3 :V	NA	NA	NA	NA	NA	NA	< 127 :J
SELENIUM	NA	< 2.8 :V	NA	NA	< 2.8 :V	NA	NA	NA	NA	NA	NA	< 3 :J
SILVER	NA	< 4.1 :V	NA	NA	< 4.1 :V	NA	NA	NA	NA	NA	NA	< 2.6 :J
SODIUM	NA	1350 B:V	NA	NA	104 B:V	NA	NA	NA	NA	NA	NA	< 80 :J
THALLIUM	NA	< 2.2 :V	NA	NA	< 2.2 :J	NA	NA	NA	NA	NA	NA	< 1.7 :J
VANADIUM	NA	< 2.1 :V	NA	NA	< 2.1 :V	NA	NA	NA	NA	NA	NA	< 2.3 :J
ZINC	NA	< 7.5 :V	NA	NA	13.5 B:V	NA	NA	NA	NA	NA	NA	< 6.3 :J
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	NA	NA	NA	NA	NA	NA	NA	NA	NA	.003(.004) U:Y	.008(.007) U:Y	NA
GROSS ALPHA	.53(.72) U:A	.26(.39) U:A	-.23(.77) U:A	-.16(.58) U:A	.097(.53) U:A	.064(.56) U:A	.11(.52) U:A	.17(.43) U:A	.37(.45) U:A	-.13(.31) U:Y	.089(.37) U:Y	NA
GROSS BETA	-.099(.76) U:A	-.089(.86) U:A	-.23(.82) U:A	-.14(.77) U:A	-.14(.81) U:A	-.096(.81) U:A	2.6(.92) J:A	-.33(.85) U:A	-.2(.85) U:A	.52(.85) U:Y	-.54(.88) U:Y	NA
PLUTONIUM-239/240	.002(.002) U:V	.002(.002) U:V	.001(.002) U:V	(.002) U:V	(.002) U:V	.001(.003) U:V	.001(.001) U:V	(.003) U:V	.001(.001) U:V	.001(.001) U:Y	.002(.005) U:Y	NA
URANIUM, TOTAL	NA	< .1 :Y	NA	NA	< .1 :Y	< .1 :Y	< .1 :Y	< .1 :Y	< .1 :Y	NA	NA	NA
URANIUM-233,-234	NA	NA	NA	NA	NA	NA	NA	NA	NA	.022(.086) U:Y	.071(.14) U:Y	NA
URANIUM-235	NA	NA	NA	NA	NA	NA	NA	NA	NA	(.052) U:Y	.043(.087) U:Y	NA
URANIUM-238	NA	NA	NA	NA	NA	NA	NA	NA	NA	.022(.043) U:Y	(.071) U:Y	NA
Test Group:VOACLP Units: µg/L												
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
2-BUTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
2-HEXANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
ACETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
BROMOFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
BROMOMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
CHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
CHLOROFORM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
STYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
TOLUENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS445494	SS447094	SS447594	SS447994	SS448794	SS449394	SS449494	SS449794	SS452194	SS452594	SS452794	SS453094
Sample Identification Number:	SSG2570JE	SSG2582JE	SSG2577JE	SSG2572JE	SSG2586JE	SSG2581JE	SSG2590JE	SSG2592JE	SSG2587JE	SSG2628JE	SSG2625JE	SSG2670JE
Date Sampled:	6-Sep-94	15-Sep-94	9-Sep-94	7-Sep-94	19-Sep-94	14-Sep-94	21-Sep-94	22-Sep-94	20-Sep-94	12-Oct-94	11-Oct-94	1-Dec-94
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
VINYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10 :Y
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 :Y

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS454494	SS454694	SS454994	SS455294	SS455994	SS456794	SS457194	SS457194	SS457394	SS457894	SS457994	SS459194
Sample Identification Number:	SSG2603JE	SSG2651JE	SSG2657JE	SSG2656JE	SSG2648JE	SSG2633JE	SSG2622JE	SSG2637JE	SSG2624JE	SSG2643JE	SSG2635JE	SSG2627JE
Date Sampled:	29-Sep-94	31-Oct-94	7-Nov-94	3-Nov-94	27-Oct-94	18-Oct-94	10-Oct-94	19-Oct-94	11-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94
Test Group:BNACLP Units: µg/L												
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2,4,5-TRICHLOROPHENOL	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
2,4,6-TRICHLOROPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2,4-DICHLOROPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2,4-DIMETHYLPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2,4-DINITROPHENOL	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
2,4-DINITROTOLUENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2,6-DINITROTOLUENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2-CHLORONAPHTHALENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2-CHLOROPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2-METHYLNAPHTHALENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2-METHYLPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
2-NITROANILINE	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
2-NITROPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
3,3'-DICHLOROBENZIDINE	NA	NA	NA	NA	NA	< 20 :Y	NA	< 20 :Y	< 20 :Y	< 20 :Y	< 20 :Y	< 20 :Y
3-NITROANILINE	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
4,6-DINITRO-2-METHYLPHENOL	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
4-CHLORO-3-METHYLPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
4-CHLOROANILINE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
4-CHLOROPHENYL PHENYL ETHER	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
4-METHYLPHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
4-NITROANILINE	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
4-NITROPHENOL	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
ACENAPHTHENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
ACENAPHTHYLENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
ANTHRACENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BENZO(a)ANTHRACENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BENZO(a)PYRENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BENZO(b)FLUORANTHENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BENZO(ghi)PERYLENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BENZO(k)FLUORANTHENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BENZOIC ACID	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
BENZYL ALCOHOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BIS(2-CHLOROETHOXY)METHANE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BIS(2-CHLOROETHYL)ETHER	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BIS(2-CHLOROISOPROPYL)ETHER	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 3 :Y	< 10 :Y
BUTYL BENZYL PHTHALATE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
CHRYSENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
DI-n-BUTYL PHTHALATE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
DI-n-OCTYL PHTHALATE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
DIBENZO(a,h)ANTHRACENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
DIBENZOFURAN	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
DIETHYL PHTHALATE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
DIMETHYL PHTHALATE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
FLUORANTHENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
FLUORENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
HEXACHLOROBENZENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
HEXACHLOROCYCLOPENTADIENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS454494	SS454694	SS454994	SS455294	SS455994	SS456794	SS457194	SS457194	SS457394	SS457894	SS457994	SS459194
Sample Identification Number:	SSG2603JE	SSG2651JE	SSG2657JE	SSG2656JE	SSG2648JE	SSG2633JE	SSG2622JE	SSG2637JE	SSG2624JE	SSG2643JE	SSG2635JE	SSG2627JE
Date Sampled:	29-Sep-94	31-Oct-94	7-Nov-94	3-Nov-94	27-Oct-94	18-Oct-94	10-Oct-94	19-Oct-94	11-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94
HEXACHLOROETHANE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
INDENO(1,2,3-cd)PYRENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
ISOPHORONE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
N-NITROSO-DI-n-PROPYLAMINE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
N-NITROSODIPHENYLAMINE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
NAPHTHALENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
NITROBENZENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
PENTACHLOROPHENOL	NA	NA	NA	NA	NA	< 50 :Y	NA	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y	< 50 :Y
PHENANTHRENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
PHENOL	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
PYRENE	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
p-BROMODIPHENYL ETHER	NA	NA	NA	NA	NA	< 10 :Y	NA	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y	< 10 :Y
Test Group:METADD Units: µg/L												
CESIUM	NA	NA	NA	NA	NA	< 20 :J	< 30 :J	NA	< 30 :J	< 30 :J	< 20 :J	< 30 :J
LITHIUM	NA	NA	NA	NA	NA	< 1.1 :J	< 1.1 :J	NA	< 1.8 :J	< 1.1 :V	< 1.1 :V	1.2 B:V
MOLYBDENUM	NA	NA	NA	NA	NA	< 2.4 :J	< 3.6 :J	NA	< 2.4 :V	< 2.4 :V	< 2.4 :V	< 2.4 :V
STRONTIUM	NA	NA	NA	NA	NA	< .75 :J	< .72 :J	NA	< 1.3 :J	< .7 :V	< .7 :V	1.4 B:V
TIN	NA	NA	NA	NA	NA	< 9.9 :J	< 9.9 :V	NA	< 9.9 :V	< 9.9 :V	< 9.9 :V	< 9.9 :V
Test Group:PESTCLP Units: µg/L												
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: µg/L												
ALUMINUM	NA	NA	NA	NA	NA	39.3 B:J	23.1 B:V	NA	71.4 B:V	< 22.4 :V	< 22.4 :V	91.7 B:V
ANTIMONY	NA	NA	NA	NA	NA	< 11.2 :J	< 11.2 :V	NA	< 17 :J	< 11.2 :V	< 11.2 :V	< 11.2 :V
ARSENIC	NA	NA	NA	NA	NA	< 1.7 :J	< 1.7 :V	NA	< 1.7 :J	< 1.7 :V	< 1.7 :V	< 1.7 :V
BARIUM	NA	NA	NA	NA	NA	< 1.1 :J	< 2 :J	NA	< 1.8 :J	< .4 :V	< .53 :J	1.4 B:J
BERYLLIUM	NA	NA	NA	NA	NA	< .3 :J	< .3 :V	NA	< .3 :V	< .3 :V	< .3 :V	< .3 :J
CADMIUM	NA	NA	NA	NA	NA	< 1.4 :J	< 1.4 :V	NA	< 1.4 :V	< 1.4 :V	< 1.4 :V	< 1.4 :V
CALCIUM	NA	NA	NA	NA	NA	117 B:J	< 229 :J	NA	< 407 :J	< 73.4 :V	< 73.4 :J	< 323 :J

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS454494	SS454694	SS454994	SS455294	SS455994	SS456794	SS457194	SS457194	SS457394	SS457894	SS457994	SS459194
Sample Identification Number:	SSG2603JE	SSG2651JE	SSG2657JE	SSG2656JE	SSG2648JE	SSG2633JE	SSG2622JE	SSG2637JE	SSG2624JE	SSG2643JE	SSG2635JE	SSG2627JE
Date Sampled:	29-Sep-94	31-Oct-94	7-Nov-94	3-Nov-94	27-Oct-94	18-Oct-94	10-Oct-94	19-Oct-94	11-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94
CHROMIUM	NA	NA	NA	NA	NA	< 2.2 :J	< 2.9 :J	NA	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :V
COBALT	NA	NA	NA	NA	NA	< 2.3 :J	< 2.3 :V	NA	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V
COPPER	NA	NA	NA	NA	NA	< 8.1 :J	< 7.2 :J	NA	< 14.5 :J	< 4.5 :J	< 4.4 :J	< 24.6 :J
IRON	NA	NA	NA	NA	NA	< 37.6 :J	< 43 :J	NA	95.8 B:V	< 20.8 :J	< 10.2 :J	114 :V
LEAD	NA	NA	NA	NA	NA	< 3.3 :J	< 3.5 :J	NA	30.5 :V	< 2.2 :J	2.7 B:J	21.3 :V
MAGNESIUM	NA	NA	NA	NA	NA	< 27.1 :J	< 32.7 :J	NA	46.7 B:V	< 19.8 :V	< 19.8 :V	< 65.3 :J
MANGANESE	NA	NA	NA	NA	NA	< 2.2 :J	1.4 B:V	NA	1.8 B:V	< .9 :V	< .9 :V	2.2 B:V
MERCURY	NA	NA	NA	NA	NA	< .2 :J	< .2 :V	NA	< .2 :V	< .2 :V	< .2 :V	< .2 :V
NICKEL	NA	NA	NA	NA	NA	< 3.5 :J	< 3.5 :V	NA	< 3.5 :V	< 3.5 :V	< 3.5 :V	< 3.5 :V
POTASSIUM	NA	NA	NA	NA	NA	408 B:J	399 B:V	NA	2630 B:V	211 B:J	130 B:J	194 B:V
SELENIUM	NA	NA	NA	NA	NA	< 2.5 :J	< 2.5 :V	NA	< 2.5 :V	< 2.5 :V	< 2.5 :V	< 2.5 :V
SILVER	NA	NA	NA	NA	NA	< 2.4 :J	< 2.4 :V	NA	< 2.4 :V	< 3.1 :J	< 2.4 :V	< 2.4 :V
SODIUM	NA	NA	NA	NA	NA	444 B:J	480 B:V	NA	2690 B:V	285 B:V	301 B:V	253 B:V
THALLIUM	NA	NA	NA	NA	NA	< 1.7 :J	< 1.7 :V	NA	< 1.7 :V	< 1.7 :V	< 1.7 :V	< 1.7 :V
VANADIUM	NA	NA	NA	NA	NA	< 2.3 :J	< 2.3 :V	NA	< 2.3 :V	< 2.3 :V	< 2.3 :V	< 2.3 :V
ZINC	NA	NA	NA	NA	NA	< 10.7 :J	< 10.5 :J	NA	< 13.3 :J	< 15.1 :J	< 6.3 :V	< 22.9 :J
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	.001(.004) U:Y	.001(.006) U:Y	(.007) U:Y	-.003(.006) U:Y	(.006) U:Y	-.003(.007) U:Y	(.008) U:Y	NA	.003(.006) U:Y	.002(.008) U:Y	(.006) U:Y	.003(.004) U:Y
GROSS ALPHA	-.15(.54) U:A	-.087(.33) U:Y	-.16(.42) U:Y	.003(.39) U:Y	-.2(.78) U:Y	-.003(.36) U:Y	-.006(.22) U:Y	NA	-.11(.31) U:Y	-.51(.99) U:Y	-.037(.45) U:Y	-.038(.32) U:Y
GROSS BETA	.13(.87) U:A	-.11(.76) U:Y	.1(.73) U:Y	.4(.79) U:Y	.21(.75) U:Y	.25(.91) U:Y	-.062(.75) U:Y	NA	-.18(.89) U:Y	-.1(.81) U:Y	-.48(.72) U:Y	.041(.74) U:Y
PLUTONIUM-239/240	.002(.002) U:Y	-.001(.002) U:Y	-.003(.004) U:Y	.002(.003) U:Y	.002(.003) U:Y	.007(.007) U:Y	.002(.004) U:Y	NA	.001(.001) U:Y	.001(.003) U:Y	.003(.003) U:Y	-.001(.002) U:Y
URANIUM, TOTAL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	-.011(.044) U:Y	.012(.049) U:Y	-.024(.048) U:Y	.11(.095) J:Y	.058(.12) U:Y	.13(.13) U:Y	.11(.13) U:Y	NA	.054(.11) U:Y	.036(.072) U:Y	.45(.24) J:Y	.094(.14) U:Y
URANIUM-235	(.054) U:Y	.03(.03) U:Y	.087(.12) U:Y	.019(.038) U:Y	.035(.071) U:Y	.076(.1) U:Y	(.053) U:Y	NA	.033(.065) U:Y	.022(.044) U:Y	(.058) U:Y	(.057) U:Y
URANIUM-238	.011(.022) U:Y	.012(.024) U:Y	(.048) U:Y	.016(.031) U:Y	-.029(.029) U:Y	(.042) U:Y	.088(.088) U:Y	NA	(.054) U:Y	(.036) U:Y	.024(.048) U:Y	.071(.094) U:Y
Test Group:VOACLP Units: µg/L												
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	NA	< 5 :V	< 5 :V
1,1,2-TRICHLOROETHANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	3 BJ:Y	< 5 :V	< 5 :V
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
2-BUTANONE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :R	< 10 :V	< 10 :Y	< 10 :R	< 10 :V
2-HEXANONE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :V	< 10 :V	< 10 :Y	< 10 :V	< 10 :V
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :V	< 10 :R	< 10 :Y	< 10 :V	< 10 :V
ACETONE	NA	NA	NA	NA	NA	14 :J	NA	< 10 :V	< 10 :J	< 10 :Y	< 10 :V	< 10 :J
BENZENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
BROMOFORM	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
BROMOMETHANE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :V	< 10 :V	< 10 :Y	< 10 :V	< 10 :V
CARBON DISULFIDE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
CHLOROBENZENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
CHLOROETHANE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :V	< 10 :V	< 10 :Y	< 10 :V	< 10 :V
CHLOROFORM	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
CHLOROMETHANE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :V	< 10 :V	< 10 :Y	< 10 :V	< 10 :V
DIBROMOCHLOROMETHANE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
ETHYLBENZENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	< 6 :J	NA	15 :V	< 5 :V	< 5 :Y	12 :V	< 5 :V
STYRENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
TETRACHLOROETHENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
TOLUENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS454494	SS454694	SS454994	SS455294	SS455994	SS456794	SS457194	SS457194	SS457394	SS457894	SS457994	SS459194
Sample Identification Number:	SSG2603JE	SSG2651JE	SSG2657JE	SSG2656JE	SSG2648JE	SSG2633JE	SSG2622JE	SSG2637JE	SSG2624JE	SSG2643JE	SSG2635JE	SSG2627JE
Date Sampled:	29-Sep-94	31-Oct-94	7-Nov-94	3-Nov-94	27-Oct-94	18-Oct-94	10-Oct-94	19-Oct-94	11-Oct-94	24-Oct-94	19-Oct-94	12-Oct-94
TOTAL XYLENES	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
TRICHLOROETHENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
VINYL ACETATE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :V	< 10 :V	< 10 :Y	< 10 :V	< 10 :V
VINYL CHLORIDE	NA	NA	NA	NA	NA	< 10 :V	NA	< 10 :V	< 10 :V	< 10 :Y	< 10 :V	< 10 :V
cis-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V
trans-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	< 5 :V	NA	< 5 :V	< 5 :V	< 5 :Y	< 5 :V	< 5 :V

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS460294	SS461094	SS461294	SS462294	SS463194	SS463594	SS464394	SS464594	SS465094	SS465194	SS465794	SS466194
Sample Identification Number:	SSG2645JE	SSG2619JE	SSG2601JE	SSG2607JE	SSG2605JE	SSG2613JE	SSG2636JE	SSG2597JE	SSG2617JE	SSG2618JE	SSG2600JE	SSG2620JE
Date Sampled:	25-Oct-94	10-Oct-94	28-Sep-94	30-Sep-94	29-Sep-94	4-Oct-94	19-Oct-94	27-Sep-94	5-Oct-94	6-Oct-94	28-Sep-94	10-Oct-94
Test Group:BNACLP Units: µg/L												
1,2,4-TRICHLOROBENZENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-NITROPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	< 20 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROANILINE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROPHENOL	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)ANTHRACENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(a)PYRENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(b)FLUORANTHENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(ghi)PERYLENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(k)FLUORANTHENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZOIC ACID	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY)METHANE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL)ETHER	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYL BENZYL PHTHALATE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-BUTYL PHTHALATE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DI-n-OCTYL PHTHALATE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(a,h)ANTHRACENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZOFURAN	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIETHYL PHTHALATE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS460294	SS461094	SS461294	SS462294	SS463194	SS463594	SS464394	SS464594	SS465094	SS465194	SS465794	SS466194
Sample Identification Number:	SSG2645JE	SSG2619JE	SSG2601JE	SSG2607JE	SSG2605JE	SSG2613JE	SSG2636JE	SSG2597JE	SSG2617JE	SSG2618JE	SSG2600JE	SSG2620JE
Date Sampled:	25-Oct-94	10-Oct-94	28-Sep-94	30-Sep-94	29-Sep-94	4-Oct-94	19-Oct-94	27-Sep-94	5-Oct-94	6-Oct-94	28-Sep-94	10-Oct-94
HEXACHLOROETHANE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-cd)PYRENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPHORONE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSO-DI-n-PROPYLAMINE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL	< 50 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENOL	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-BROMODIPHENYL ETHER	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:METADD Units: µg/L												
CESIUM	< 30 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LITHIUM	< 1.1 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	< 2.4 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRONTIUM	< .85 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TIN	< 9.9 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:PESTCLP Units: µg/L												
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIELDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN SULFATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDRIN KETONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR EPOXIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOXAPHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (LINDANE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-CHLORDANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:SMETCLP Units: µg/L												
ALUMINUM	26.9 B:V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	< 11.2 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	< 2.1 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	< .4 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	< .3 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	< 1.4 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	< 73.4 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS460294	SS461094	SS461294	SS462294	SS463194	SS463594	SS464394	SS464594	SS465094	SS465194	SS465794	SS466194
Sample Identification Number:	SSG2645JE	SSG2619JE	SSG2601JE	SSG2607JE	SSG2605JE	SSG2613JE	SSG2636JE	SSG2597JE	SSG2617JE	SSG2618JE	SSG2600JE	SSG2620JE
Date Sampled:	25-Oct-94	10-Oct-94	28-Sep-94	30-Sep-94	29-Sep-94	4-Oct-94	19-Oct-94	27-Sep-94	5-Oct-94	6-Oct-94	28-Sep-94	10-Oct-94
CHROMIUM	< 1.7 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	< 2.3 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	< 9.5 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	< 31.6 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	< 2.9 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	< 19.8 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	< .9 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MERCURY	< .2 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	< 3.5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	< 54.3 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	< 2.5 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	< 2.4 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	< 80 :J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	< 1.7 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	< 2.3 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	< 6.3 :V	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	.004(.006) U:Y	.007(.01) U:Y	.002(.003) U:Y	.001(.003) U:Y	.002(.004) U:Y	.004(.004) U:Y	.002(.003) U:Y	.001(.004) U:Y	-.001(.008) U:Y	(.003) U:Y	.002(.003) U:Y	.011(.008) :Y
GROSS ALPHA	.24(.65) U:Y	.17(.27) U:Y	.091(.45) U:A	.31(.49) U:A	-.28(.34) U:A	.12(.42) U:A	.063(.34) U:Y	.15(.4) U:A	-.51(.74) U:Y	.12(.34) U:Y	-.38(.49) U:A	.16(.37) U:Y
GROSS BETA	-.41(.83) U:Y	.44(.85) U:Y	-.048(.77) U:A	.46(.76) U:A	.35(.87) U:A	.52(.88) U:A	.31(.77) U:Y	-.21(.84) U:A	.21(.78) U:Y	-.4(.8) U:Y	.51(.76) U:A	.32(.75) U:Y
PLUTONIUM-239/240	(.002) U:Y	.002(.003) U:Y	-.001(.004) U:Y	.001(.001) U:Y	-.002(.002) U:Y	.002(.002) U:Y	.002(.005) U:Y	.003(.002) U:Y	-.002(.004) U:Y	-.001(.002) U:Y	.002(.003) U:Y	.001(.003) U:Y
URANIUM, TOTAL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
URANIUM-233,-234	-.02(.04) U:Y	.14(.12) U:Y	(.034) U:Y	.11(.087) J:Y	.05(.06) U:Y	.016(.032) U:Y	(.093) U:Y	-.029(.12) U:Y	-.023(.14) U:Y	.056(.052) U:Y	.023(.047) U:Y	.49(.23) J:Y
URANIUM-235	.048(.048) U:Y	.025(.05) U:Y	.01(.02) U:Y	-.013(.026) U:Y	.048(.048) U:Y	.01(.019) U:Y	.028(.056) U:Y	.07(.07) U:Y	.055(.055) U:Y	-.01(.021) U:Y	.028(.038) U:Y	.027(.11) U:Y
URANIUM-238	.02(.04) U:Y	.021(.041) U:Y	.008(.017) U:Y	.022(.043) U:Y	.01(.04) U:Y	.008(.016) U:Y	.023(.046) U:Y	.029(.058) U:Y	(.046) U:Y	-.004(.017) U:Y	.055(.047) U:Y	.045(.045) U:Y
Test Group:VOACLP Units: µg/L												
1,1,1-TRICHLOROETHANE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHANE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROETHENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-BUTANONE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-HEXANONE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-METHYL-2-PENTANONE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMODICHLOROMETHANE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOFORM	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMOMETHANE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROBENZENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROMETHANE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBROMOCHLOROMETHANE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETHYLBENZENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STYRENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-27
OU14 Surface Soil
All Rinsates Results*

Sample Location:	SS460294	SS461094	SS461294	SS462294	SS463194	SS463594	SS464394	SS464594	SS465094	SS465194	SS465794	SS466194
Sample Identification Number:	SSG2645JE	SSG2619JE	SSG2601JE	SSG2607JE	SSG2605JE	SSG2613JE	SSG2636JE	SSG2597JE	SSG2617JE	SSG2618JE	SSG2600JE	SSG2620JE
Date Sampled:	25-Oct-94	10-Oct-94	28-Sep-94	30-Sep-94	29-Sep-94	4-Oct-94	19-Oct-94	27-Sep-94	5-Oct-94	6-Oct-94	28-Sep-94	10-Oct-94
TOTAL XYLENES	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	< 10 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-DICHLOROPROPENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-DICHLOROPROPENE	< 5 :Y	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
NACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier; concentration exceeds calibration range of instrument-organic
RB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
ETADD = Additional Metals
mg/kg = milligram per kilogram
NA = Not Analyzed
ESTCLP = EPA Pesticide/PCB
ETCLP = EPA - CLP Metals
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
OACLP = EPA - CLP Volatile Organics
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram

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TABLE B-28
OU14 Surface Soil
All Rinsates Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
Test Group:BNACLP Units: µg/L												
1,2,4-TRICHLOROBENZENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
1,2-DICHLOROBENZENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
1,3-DICHLOROBENZENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
1,4-DICHLOROBENZENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2,4,5-TRICHLOROPHENOL	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
2,4,6-TRICHLOROPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2,4-DICHLOROPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2,4-DIMETHYLPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2,4-DINITROPHENOL	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
2,4-DINITROTOLUENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2,6-DINITROTOLUENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2-CHLORONAPHTHALENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2-CHLOROPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2-METHYLNAPHTHALENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2-METHYLPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
2-NITROANILINE	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
2-NITROPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
3,3'-DICHLOROBENZIDINE	20	20	SS430594 (12)	20	SS430594 (12)					0	12	0
3-NITROANILINE	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
4,6-DINITRO-2-METHYLPHENOL	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
4-CHLORO-3-METHYLPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
4-CHLOROANILINE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
4-CHLOROPHENYL PHENYL ETHER	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
4-METHYLPHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
4-NITROANILINE	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
4-NITROPHENOL	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
ACENAPHTHENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
ACENAPHTHYLENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
ANTHRACENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BENZO(a)ANTHRACENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BENZO(a)PYRENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BENZO(b)FLUORANTHENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BENZO(ghi)PERYLENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BENZO(k)FLUORANTHENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BENZOIC ACID	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
BENZYL ALCOHOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BIS(2-CHLOROETHOXY)METHANE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BIS(2-CHLOROETHYL)ETHER	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BIS(2-CHLOROISOPROPYL)ETHER	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
BIS(2-ETHYLHEXYL)PHTHALATE	10	3	SS457994 (1)	10	SS430594 (11)					0	12	0
BUTYL BENZYL PHTHALATE	10	10	SS430594 (11)	10	SS430594 (11)	97 :Y	SS432294 (1)	97 :Y	SS432294 (1)	1	12	12.6667
CHRYSENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
DI-n-BUTYL PHTHALATE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
DI-n-OCTYL PHTHALATE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
DIBENZO(a,h)ANTHRACENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
DIBENZOFURAN	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
DIETHYL PHTHALATE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
DIMETHYL PHTHALATE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
FLUORANTHENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
FLUORENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
HEXACHLOROBENZENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
HEXACHLOROBUTADIENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0

TABLE B-28
OU14 Surface Soil
All Rinsates Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
HEXACHLOROCYCLOPENTADIENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
HEXACHLOROETHANE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
INDENO(1,2,3-cd)PYRENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
ISOPHORONE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
N-NITROSO-DI-n-PROPYLAMINE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
N-NITROSODIPHENYLAMINE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
NAPHTHALENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
NITROBENZENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
PENTACHLOROPHENOL	50	50	SS430594 (12)	50	SS430594 (12)					0	12	0
PHENANTHRENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
PHENOL	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
PYRENE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
p-BROMODIPHENYL ETHER	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
Test Group:METADD Units: µg/L												
CESIUM	1000	12.9	SS432694 (2)	40	SS442294 (1)					0	24	0
LITHIUM	100	1.1	SS430594 (9)	2.6	SS440894 (1)	1.2 B:V	SS459194 (1)	1.2 B:V	SS459194 (1)	1	24	0.7354
MOLYBDENUM	200	2.4	SS430594 (11)	3.6	SS457194 (1)					0	24	0
STRONTIUM	200	0.6	SS440094 (10)	1.4	SS432294 (1)	.62 B:J	SS441094 (1)	1.4 B:V	SS459194 (1)	2	24	0.4363
TIN	200	9.9	SS430594 (12)	10.5	SS440094 (12)					0	24	0
Test Group:PESTCLP Units: µg/L												
4,4'-DDD	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
4,4'-DDE	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
4,4'-DDT	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
ALDRIN	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
AROCLOR-1016	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
AROCLOR-1221	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
AROCLOR-1232	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
AROCLOR-1242	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
AROCLOR-1248	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
AROCLOR-1254	1	1	SS453094 (1)	1	SS453094 (1)					0	1	0
AROCLOR-1260	1	1	SS453094 (1)	1	SS453094 (1)					0	1	0
DIELDRIN	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
ENDOSULFAN I	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
ENDOSULFAN II	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
ENDOSULFAN SULFATE	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
ENDRIN	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
ENDRIN KETONE	0.1	0.1	SS453094 (1)	0.1	SS453094 (1)					0	1	0
HEPTACHLOR	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
HEPTACHLOR EPOXIDE	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
METHOXYCHLOR	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
TOXAPHENE	1	1	SS453094 (1)	1	SS453094 (1)					0	1	0
alpha-BHC	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
alpha-CHLORDANE	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
beta-BHC	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
delta-BHC	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
gamma-BHC (LINDANE)	0.05	0.05	SS453094 (1)	0.05	SS453094 (1)					0	1	0
gamma-CHLORDANE	0.5	0.5	SS453094 (1)	0.5	SS453094 (1)					0	1	0
Test Group:SMETCLP Units: µg/L												
ALUMINUM	200	17	SS440094 (9)	37.6	SS440294 (1)	23.1 B:V	SS457194 (1)	91.7 B:V	SS459194 (1)	8	23	23.0761
ANTIMONY	60	11.2	SS430594 (11)	17	SS457394 (1)					0	24	0
ARSENIC	10	1.7	SS430594 (10)	2.6	SS440094 (12)	1.7 B:J	SS432294 (1)	1.7 B:J	SS432294 (1)	1	24	1.1188
BARIUM	200	0.4	SS457894 (2)	2.4	SS453094 (1)	.92 B:J	SS432394 (1)	2.4 B:J	SS432294 (1)	5	24	0.7467
BERYLLIUM	5	0.3	SS430594 (23)	0.33	SS441894 (1)					0	24	0

TABLE B-28
OU14 Surface Soil
All Rinsates Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
CADMIUM	5	0.8	SS440094 (10)	1.4	SS430594 (12)	1.6 B:V	SS447094 (1)	1.6 B:V	SS447094 (1)	1	24	0.6017
CALCIUM	5000	73.4	SS457894 (3)	407	SS457394 (1)	78.3 B:J	SS453094 (1)	620 B:J	SS432294 (1)	5	24	116.8083
CHROMIUM	10	1.7	SS430594 (9)	2.9	SS457194 (1)					0	23	0
COBALT	50	2.3	SS430594 (12)	2.4	SS440094 (12)					0	24	0
COPPER	25	2.2	SS443394 (1)	24.6	SS450194 (1)					0	24	0
IRON	100	7.4	SS440594 (1)	65.4	SS432394 (1)	13.3 B:V	SS448794 (1)	114 :V	SS459194 (1)	11	24	30.3104
LEAD	3	2.2	SS457894 (1)	3.5	SS457194 (1)	1.5 B:J	SS453094 (1)	30.5 :V	SS457394 (1)	20	24	5.5312
MAGNESIUM	5000	19.8	SS457894 (3)	65.3	SS459194 (1)	30.2 B:J	SS430594 (1)	63.2 B:J	SS432294 (1)	6	24	21.6833
MANGANESE	15	0.9	SS430594 (17)	2.2	SS456794 (1)	.92 B:V	SS432694 (1)	2.2 B:V	SS459194 (1)	5	24	0.7342
MERCURY	0.2	0.1	SS440094 (12)	0.2	SS430594 (12)					0	24	0
NICKEL	40	3.5	SS430594 (12)	4.2	SS440094 (12)					0	24	0
POTASSIUM	5000	54.3	SS460294 (1)	171	SS440294 (1)	85.9 B:V	SS443394 (1)	2630 B:V	SS457394 (1)	15	24	385.7479
SELENIUM	5	2.5	SS430594 (11)	3	SS453094 (1)					0	24	0
SILVER	10	2.4	SS430594 (10)	4.1	SS440094 (12)					0	24	0
SODIUM	5000	80	SS453094 (2)	199	SS440294 (1)	82.7 B:V	SS442294 (1)	2690 B:V	SS457394 (1)	16	24	486.4
THALLIUM	10	1.7	SS430594 (12)	2.2	SS440094 (12)					0	24	0
VANADIUM	50	2.1	SS440094 (11)	2.3	SS430594 (12)	2.2 B:J	SS440894 (1)	2.2 B:J	SS440894 (1)	1	24	1.1479
ZINC	20	6.3	SS430594 (5)	22.9	SS459194 (1)	7.4 B:J	SS432394 (1)	13.5 B:V	SS448794 (1)	3	24	5.6729
Test Group:TRADS Units: pCi/L												
AMERICIUM-241	0.01	**	**	**	**	-.003(.006) U:Y	SS455294 (2)	.011(.008) :Y	SS466194 (1)	48	48	0.0017
GROSS ALPHA	0.7	**	**	**	**	-.51(.99) U:Y	SS457894 (2)	.53(.72) U:A	SS445494 (1)	68	68	0.0153
GROSS BETA	1	**	**	**	**	-.69(.74) U:A	SS436294 (1)	2.6(.92) J:A	SS449494 (1)	68	68	0.0421
PLUTONIUM-239/240	0.006	**	**	**	**	-.003(.004) U:Y	SS454994 (1)	.007(.007) U:Y	SS456794 (1)	68	68	0.001
URANIUM, TOTAL	0.1	0.02	SS440294 (1)	0.1	SS443394 (8)					0	9	0
URANIUM-233,-234	0.2	**	**	**	**	-.05(.05) U:Y	SS431994 (2)	.49(.23) J:Y	SS466194 (1)	48	48	0.0457
URANIUM-235	0.2	**	**	**	**	-.038(.076) U:Y	SS432294 (1)	.087(.12) U:Y	SS454994 (1)	48	48	0.0165
URANIUM-238	0.2	**	**	**	**	-.029(.029) U:Y	SS455994 (1)	.088(.088) U:Y	SS457194 (1)	48	48	0.0178
Test Group:VOACLP Units: µg/L												
1,1,1-TRICHLOROETHANE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
1,1,2,2-TETRACHLOROETHANE	5	5	SS430594 (9)	5	SS430594 (9)					0	9	0
1,1,2-TRICHLOROETHANE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
1,1-DICHLOROETHANE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
1,1-DICHLOROETHENE	5	5	SS430594 (11)	5	SS430594 (11)	3 BJ:Y	SS457894 (1)	3 BJ:Y	SS457894 (1)	1	12	2.5417
1,2-DICHLOROETHANE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
1,2-DICHLOROETHENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
1,2-DICHLOROPROPANE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
2-BUTANONE	10	10	SS430594 (10)	10	SS430594 (10)					0	10	0
2-HEXANONE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
4-METHYL-2-PENTANONE	10	10	SS430594 (11)	10	SS430594 (11)					0	11	0
ACETONE	10	10	SS430594 (10)	10	SS430594 (10)	2 J:Y	SS432694 (1)	14 :J	SS456794 (1)	2	12	5.5
BENZENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
BROMODICHLOROMETHANE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
BROMOFORM	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
BROMOMETHANE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
CARBON DISULFIDE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
CARBON TETRACHLORIDE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
CHLOROBENZENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
CHLOROETHANE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
CHLOROFORM	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
CHLOROMETHANE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
DIBROMOCHLOROMETHANE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
ETHYLBENZENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
METHYLENE CHLORIDE	5	5	SS430594 (7)	6	SS456794 (1)	2 BJ:Y	SS432294 (1)	15 :V	SS457194 (1)	4	12	5.125

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TABLE B-28
OU14 Surface Soil
All Rinsates Results Data Summary***

	MDL	SQL Minimum Value	SQL Minimum Location *	SQL Maximum Value	SQL Maximum Location *	Minimum Concentration	Minimum Concentration Location *	Maximum Concentration	Maximum Concentration Location *	Number of Detects	Total Number of Samples	Average Concentration
STYRENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
TETRACHLOROETHENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
TOLUENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
TOTAL XYLENES	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
TRICHLOROETHENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
VINYL ACETATE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
VINYL CHLORIDE	10	10	SS430594 (12)	10	SS430594 (12)					0	12	0
cis-1,3-DICHLOROPROPENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0
trans-1,3-DICHLOROPROPENE	5	5	SS430594 (12)	5	SS430594 (12)					0	12	0

Notes:

A = Validation Qualifier; laboratory qualifier considered acceptable
B = Laboratory Qualifier; detected in blank
BNACLP = EPA - CLP Semivolatile Organic Compounds
E = Laboratory Qualifier: concentration exceeds calibration range of instrument-organic
G = Native analyte greater than four times spike added - inorganics
HERB8150 = EPA Chlorinated Herbicides
J = Laboratory Qualifier; estimated value
MDL = Method Detection Limit
METADD = Additional Metals
mg/kg = milligram per kilogram
PESTCLP = EPA Pesticide/PCB
SMETCLP = EPA - CLP Metals
SQL = Sample Quantitation Limit
TRADS = Total radionuclides
U = Undetected
V = Validation Qualifier; valid data
VOACLP = EPA - CLP Volatile Organic Compounds
Y = Validation Qualifier: in the process of being validated
µg/g = microgram per gram
µg/kg = microgram per kilogram
* = The number of sample locations at that value is shown in parenthesis
** = All samples reported with positive results; no nondetects reported
*** = Based on March 17, 1995, data extraction from RFEDS

APPENDIX C

Soil-Gas Analytical Data Tables

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Sample Location: Sample Identification Number: Date Sampled:	SG220194 SGG2201JE 9/26/94	SG220194 SGG2356JE 9/26/94	SG220294 SGG2202JE 9/26/94	SG220394 SGG2203JE 9/26/94	SG220494 SGG2204JE 9/26/94	SG220494 SGG2204JE* 9/26/94	SG220494 SGG2357JE 9/26/94	SG220594 SGG2205JE 9/26/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,1-Dichloroethane	< .03	< .03	0.07	< .03	< .03	< .3	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .5	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .4	< .04	< .04
1,2,4-Trimethylbenzene	0.15	< .01	0.06	0.03	0.16	< .1	0.15	0.03
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,3,5-Trimethylbenzene	0.07	< .01	0.02	< .01	0.07	< .1	0.06	< .01
1,3-Dichlorobenzene	0.19	< .01	0.01	< .01	< .01	< .1	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,4-Dichlorobenzene	1.1	< .02	0.04	< .02	< .02	< .2	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
2-Butanone	0.13	< .04	0.15	0.13	0.32	< .4	0.22	0.35
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .1	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .1	< .01	< .01
Acetone	0.51	0.06	0.35	< .03	< .03	< .3	< .03	< .03
Benzene	0.6	< .03	0.41	0.35	0.71	< .3	0.48	0.87
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .1	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .2	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Carbon Disulfide	< .04	< .04	0.06	< .04	0.09	< .4	0.06	0.26
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Chlorobenzene	0.52	< .01	0.03	< .01	< .01	< .1	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .81	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Chloromethane	< .03	< .03	0.03	0.04	0.07	< .3	0.03	0.04
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Dichlorodifluoromethane	0.04	< .04	< .04	0.07	0.05	< .4	< .04	< .04
Ethylbenzene	1.1	< .01	0.21	0.39	0.29	< .1	0.21	0.16
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .4	< .04	< .04
Isopropylbenzene	0.05	< .01	0.03	0.02	0.09	< .1	0.06	0.01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Napthalene	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Styrene	< .04	< .04	< .04	< .04	< .04	< .4	< .04	0.05
Tetrachloroethene	< .02	< .02	0.08	0.07	< .02	< .2	< .02	< .02
Toluene	1.5	< .11	0.69	1.9	2.6 J	< 1.11	2	1.8
Total Xylenes	3.1	< 2	0.68	2.45	0.92	< 2	0.66	0.37
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Trichlorofluoromethane	< .05	< .05	< .05	46 J	10 J	< .5	< .05	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .71	< .07	8.6 J
cis-1,2-Dichloroethene	< .03	< .03	0.05	< .03	< .03	< .3	< .03	0.15
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
m & p-Xylenes	1.9	< .04	0.45	1.7	0.4	< .4	0.29	0.21
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .2	< .02	< .02
n-Propylbenzene	< .01	< .01	0.04	0.03	0.11	< .1	0.08	0.02
o-Xylene	1.2	< .01	0.23	0.75	0.52	< .1	0.37	0.16
p-Isopropyltoluene	0.42	< .02	0.02	< .02	< .02	< .2	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	0.04	< .1	0.04	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .1	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .5	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane			190	30	240	240	240	1980

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Sample Location:	SG220594	SG220694	SG220794	SG220794	SG220794	SG220894	SG220994	SG221094
Sample Identification Number:	SGG2205JE*	SGG2206JE	SGG2207JE	SGG2354JE	SGG2355JE	SGG2208JE	SGG2209JE	SGG2210JE
Date Sampled:	9/26/94	9/23/94	9/23/94	9/23/94	9/23/94	9/22/94	10/6/94	10/6/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .5	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	< .1	< .01	< .01	< .01	< .01	0.03	0.01	< .01
1,2-Dibromo-3-chloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .1	< .01	< .01	< .01	< .01	0.01	< .01	< .01
1,3-Dichlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .4	0.09	0.05	< .04	0.07	0.11	< .04	< .04
2-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .3	< .03	0.14	< .03	< .03	0.48	0.07	0.16
Benzene	0.75	0.45	0.13	< .03	0.18	0.32	0.03	0.07
Bromobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .4	0.22	< .04	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .81	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	0.3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	< .1	0.1	0.04	0.01	0.03	0.12	< .01	0.01
Hexachlorobutadiene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .1	< .01	< .01	< .01	< .01	0.02	< .01	< .01
Methylene Chloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	< .3	< .03	< .03	< .03	< .03	0.04	< .03	0.08
Styrene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .2	0.11	0.22	0.04	0.02	< .02	< .02	< .02
Toluene	1.1	0.34	< .11	< .11	0.14	0.24	< .11	< .11
Total Xylenes	< .12	0.1	0.08	0.05	0.07	0.12	< 2	< 2
Trichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	19	0.41	< .05	< .05	0.05	< .05	< .05	< .05
Vinyl Chloride	8.5	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .4	0.07	0.06	0.04	0.05	0.09	< .04	< .04
n-Butylbenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .1	< .01	< .01	< .01	< .01	0.03	< .01	< .01
o-Xylene	0.12	0.03	0.02	0.01	0.02	0.03	< .01	< .01
p-Isopropyltoluene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .5	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	1980	80				20		

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Sample Location:	SG221094	SG221194	SG221294	SG221394	SG221394	SG221394	SG221494
Sample Identification Number:	SGG2366JE	SGG2211JE	SGG2212JE	SGG2213JE	SGG2213JE*R	SGG2377JE	SGG2214JE
Date Sampled:	10/6/94	9/26/94	9/26/94	9/23/94	10/13/94	10/13/94	9/23/94
Test Group:GC/MS Units:µg/L							
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,1,1-Trichloroethane	< .03	0.06	< .03	< .03	< .3	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .51	< .05	0.33
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .4	< .04	< .04
1,2,4-Trimethylbenzene	< .01	0.02	0.03	0.02	< .1	0.02	0.02
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .2	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	0.01	< .1	< .01	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .1	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .2	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
2-Butanone	< .04	< .04	< .04	0.75	< .4	< .04	0.21
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .1	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .1	< .01	< .01
Acetone	< .03	< .03	< .03	1.4	< .3	0.06	< .03
Benzene	< .03	0.26	0.14	0.72	< .3	< .03	1.1
Bromobenzene	< .01	< .01	< .01	< .01	< .1	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .2	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Carbon Disulfide	< .04	< .04	< .04	0.15	< .4	< .04	0.06
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .1	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .81	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Chloromethane	< .03	< .03	< .03	< .03	< .3	< .03	0.03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .4	< .04	< .04
Ethylbenzene	< .01	0.05	0.03	3.3 J	0.37	0.01	0.82
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .4	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	0.04	< .1	< .01	0.01
Methylene Chloride	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Napthalene	0.03	< .03	< .03	0.04	< .3	0.03	< .03
Styrene	< .04	< .04	< .04	0.06	< .4	< .04	0.04
Tetrachloroethene	< .02	0.09	< .02	1.2	< .2	< .02	29 J
Toluene	< .11	0.23	< .11	9.5 J	< 1.11	< .11	4.2 J
Total Xylenes	< 2	0.12	0.08	13.4 J	1.33	0.05	3.32
Trichloroethene	< .03	< .03	< .03	< .03	< .3	< .03	2.5 J
Trichlorofluoromethane	1.2	< .05	< .05	4.1 J	< .51	< .05	2 J
Vinyl Chloride	< .07	< .07	< .07	< .07	< .71	< .07	26 J
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .3	< .03	12 J
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .3	< .03	< .03
m & p-Xylenes	< .04	0.09	0.06	9.2 J	1.1	0.04	2.5
n-Butylbenzene	< .02	< .02	< .02	< .02	< .2	< .02	< .02
n-Propylbenzene	< .01	< .01	0.01	0.03	< .1	< .01	0.01
o-Xylene	< .01	0.03	0.02	4.2 J	0.23	0.01	0.82
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .2	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .1	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .1	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .51	< .05	0.28
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .3	< .03	< .03
Test Group:Gastech Units:ppm							
Hydrogen Sulfide				970	1370		290
Methane							

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Sample Location: Sample Identification Number: Date Sampled:	SG221494 SGG2214JE**R 10/13/94	SG221494 SGG2214JE*R 10/13/94	SG221594 SGG2215JE 9/23/94	SG221694 SGG2216JE 9/23/94	SG221694 SGG2216JE*R 10/13/94	SG221794 SGG2217JE 9/22/94	SG221894 SGG2218JE 9/27/94
Test Group:GC/MS Units:µg/L							
1,1,1,2-Tetrachloroethane	< 2	< .2	< .02	< .02	< .2	< .02	< .02
1,1,1-Trichloroethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,1,2,2-Tetrachloroethane	< 2	< .2	< .02	< .02	< .2	< .02	< .02
1,1,2-Trichloroethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,1-Dichloroethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,1-Dichloroethene	< 5	< .51	< .05	< .05	< .5	< .05	< .05
1,1-Dichloropropene	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,2,3-Trichlorobenzene	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,2,3-Trichloropropane	< 2	< .2	< .02	< .02	< .2	< .02	< .02
1,2,4-Trichlorobenzene	< 4	< .4	< .04	< .04	< .4	< .04	< .04
1,2,4-Trimethylbenzene	< 1	0.58	0.01	0.02	< .1	0.02	0.02
1,2-Dibromo-3-chloropropane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,2-Dibromoethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,2-Dichlorobenzene	< 2	< .2	< .02	< .02	< .2	< .02	< .02
1,2-Dichloroethane	< 2	< .2	< .02	< .02	< .2	< .02	< .02
1,2-Dichloropropane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,3,5-Trimethylbenzene	< 1	0.42	< .01	< .01	< .1	< .01	< .01
1,3-Dichlorobenzene	< 1	< .1	< .01	< .01	< .1	< .01	< .01
1,3-Dichloropropane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
1,4-Dichlorobenzene	< 2	< .2	< .02	< .02	< .2	< .02	< .02
2,2-Dichloropropane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
2-Butanone	< 4	< .4	0.14	0.21	< .4	0.07	0.11
2-Chlorotoluene	< 1	< .1	< .01	< .01	< .1	< .01	< .01
4-Chlorotoluene	< 1	< .1	< .01	< .01	< .1	< .01	< .01
Acetone	3.2	< .3	< .03	0.51	< .3	< .03	< .03
Benzene	< 3	1.2	1	0.73	0.74	0.15	0.44
Bromobenzene	< 1	< .1	< .01	< .01	< .1	< .01	< .01
Bromochloromethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Bromodichloromethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Bromoform	< 2	< .2	< .02	< .02	< .2	< .02	< .02
Bromomethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Carbon Disulfide	< 4	< .4	< .04	0.06	< .4	< .04	< .04
Carbon Tetrachloride	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Chlorobenzene	< 1	< .1	< .01	< .01	< .1	< .01	< .01
Chloroethane	< 8	< .81	< .08	< .08	< .81	< .08	< .08
Chloroform	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Chloromethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Dibromochloromethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Dibromromethane	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Dichlorodifluoromethane	< 4	< .4	< .04	< .04	< .4	< .04	< .04
Ethylbenzene	3.4	4.3	0.22	1.7	0.28	0.07	0.07
Hexachlorobutadiene	< 4	< .4	< .04	< .04	< .4	< .04	< .04
Isopropylbenzene	< 1	0.17	0.01	0.02	< .1	0.01	< .01
Methylene Chloride	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Napthalene	< 3	< .3	< .03	< .03	< .3	0.05	< .03
Styrene	< 4	< .4	0.07	0.04	< .4	< .04	< .04
Tetrachloroethene	43	68 J	0.49	< .02	1.8	< .02	< .02
Toluene	< 11	1.2	0.71	6.3 J	< 1.11	0.14	0.27
Total Xylenes	10.9	12.5	0.71	7.3 J	0.76	0.07	0.09
Trichloroethene	< 3	1.2	< .03	< .03	< .3	< .03	< .03
Trichlorofluoromethane	45	< .51	1.1	7.4 J	< .5	< .05	1.3
Vinyl Chloride	< 7	8.3	< .07	< .07	< .71	< .07	< .07
cis-1,2-Dichloroethene	6.2	8.2	< .03	< .03	< .3	< .03	< .03
cis-1,3-Dichloropropene	< 3	< .3	< .03	< .03	< .3	< .03	< .03
m & p-Xylenes	8.7	10	0.5	5.4 J	0.59	0.05	0.06
n-Butylbenzene	< 2	< .2	< .02	< .02	< .2	< .02	< .02
n-Propylbenzene	< 1	0.38	0.02	0.03	< .1	0.02	0.02
o-Xylene	2.2	2.5	0.21	1.9	0.17	0.02	0.03
p-Isopropyltoluene	< 2	< .2	< .02	< .02	< .2	< .02	< .02
s-Butylbenzene	< 1	< .1	< .01	< .01	< .1	< .01	< .01
t-Butylbenzene	< 1	< .1	< .01	< .01	< .1	< .01	< .01
trans-1,2-Dichloroethene	< 5	< .51	< .05	< .05	< .5	< .05	< .05
trans-1,3-Dichloropropene	< 3	< .3	< .03	< .03	< .3	< .03	< .03
Test Group:Gastech Units:ppm							
Hydrogen Sulfide							
Methane	150	150			70		20

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Sample Location:	SG221994	SG222094	SG222094	SG222194	SG222294	SG222294	SG222394	SG222494
Sample Identification Number:	SGG2219JE	SGG2220JE	SGG2362JE	SGG2221JE	SGG2222JE	SGG2353JE	SGG2223JE	SGG2224JE
Date Sampled:	10/6/94	10/4/94	10/4/94	9/28/94	9/23/94	9/23/94	9/23/94	9/23/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.03	< .01	0.01	0.01	0.02	0.01	0.04	0.02
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	0.01	< .01	< .01	< .01	< .01	< .01	0.02	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .04	< .04	< .04	0.06	0.08	< .04	0.21	0.23
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	< .03	< .03	0.25	0.28	0.19	< .03	< .03
Benzene	0.24	0.12	< .03	0.46	0.04	< .03	0.6	0.47
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	0.05	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .03	< .03	< .03	< .03	0.23	< .03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.05	0.01	< .01	0.03	0.03	0.03	0.46	1.6
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	0.01	0.02
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	0.1	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Styrene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02	0.03	< .02
Toluene	0.18	< .11	< .11	0.2	< .11	< .11	2.1	8.9 J
Total Xylenes	0.1	< 2	< 2	< .01	0.06	< .03	2.27	6.7 J
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .05	0.2	< .05	1.4	< .05	< .05	< .05	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	0.07	< .04	< .04	< .04	0.05	0.03	1.7	5.1 J
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	0.02	< .01	< .01	< .01	< .01	< .01	0.02	0.02
o-Xylene	0.03	< .01	< .01	0.01	0.01	< .01	0.57	1.6
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	40	20		20	20		30	30

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Sample Location: Sample Identification Number: Date Sampled:	SG222494 SGG2224JE*R 10/13/94	SG222594 SGG2225JE 9/23/94	SG222594 SGG2225JE*R 10/13/94	SG222694 SGG2226JE 9/22/94	SG222794 SGG2227JE 9/27/94	SG222794 SGG2360JE 9/27/94	SG222894 SGG2228JE 10/6/94	SG222994 SGG2229JE 11/16/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .51	< .05	< .5	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .4	< .04	< .4	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	< .1	0.03	< .1	0.01	< .01	< .01	0.02	0.01
1,2-Dibromo-3-chloropropane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
1,3-Dichlorobenzene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .4	0.22	< .4	0.05	< .04	< .04	< .04	0.09
2-Chlorotoluene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
Acetone	0.46	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Benzene	< .3	0.96	1.2	0.53	< .03	< .03	0.17	0.45
Bromobenzene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Bromoform	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .4	0.04	< .4	0.08	< .04	< .04	< .04	0.08
Carbon Tetrachloride	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .81	< .08	< .8	< .08	< .08	< .08	< .08	< .08
Chloroform	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	0.03
Dibromochloromethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .4	< .04	< .4	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	< .1	0.57	0.28	0.09	< .01	< .01	0.02	0.03
Hexachlorobutadiene	< .4	< .04	< .4	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .1	0.01	< .1	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Napthalene	< .3	< .03	< .3	0.03	< .03	< .03	0.12	< .03
Styrene	< .4	0.06	< .4	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	0.26	< .02	0.53	< .02	< .02	< .02	< .02	< .02
Toluene	< 1.11	2.7 J	< 1.1	0.47	< .11	< .11	< .11	0.28
Total Xylenes	< 2	2.05	0.62	0.07	< 2	< 2	< 2	< .01
Trichloroethene	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .51	< .05	< .5	< .05	9.3 J	2	< .05	0.22
Vinyl Chloride	< .71	< .07	< .7	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .4	1.6	0.46	0.05	< .04	< .04	< .04	< .04
n-Butylbenzene	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .1	0.02	< .1	< .01	< .01	< .01	0.01	< .01
o-Xylene	< .1	0.45	0.16	0.02	< .01	< .01	< .01	0.01
p-Isopropyltoluene	< .2	< .02	< .2	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .1	< .01	< .1	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .51	< .05	< .5	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .3	< .03	< .3	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	20	30	110					

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Sample Location: Sample Identification Number: Date Sampled:	SG223094 SGG2230JE 9/28/94	SG223194 SGG2231JE 9/22/94	SG223294 SGG2232JE 9/22/94	SG223294 SGG2232JE*R 10/13/94	SG223294 SGG2352JE 9/22/94	SG223394 SGG2233JE 9/22/94	SG223394 SGG2233JE*R 10/13/94	SG223494 SGG2234JE 9/22/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .51	< .05	< .05	< .51	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .4	< .04	< .04	< .4	< .04
1,2,4-Trimethylbenzene	< .01	< .01	0.02	< .1	0.02	0.02	< .1	0.02
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
2-Butanone	0.08	0.12	0.15	< .4	0.1	0.24	< .4	0.11
2-Chlorotoluene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
Acetone	< .03	< .03	0.51	< .3	0.23	< .03	1	< .03
Benzene	0.31	1.1	0.34	0.63	0.2	0.72	0.43	0.56
Bromobenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
Bromochloromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Bromodichloromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Bromoform	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
Bromomethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Carbon Disulfide	< .04	0.04	< .04	< .4	< .04	0.08	< .4	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Chlorobenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
Chloroethane	< .08	< .08	< .08	< .81	< .08	< .08	< .81	< .08
Chloroform	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Chloromethane	< .03	< .03	< .03	< .3	< .03	0.03	< .3	< .03
Dibromochloromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Dibromromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .4	< .04	< .04	< .4	< .04
Ethylbenzene	0.05	0.67	0.2	< .1	0.13	2.6 J	0.22	0.33
Hexachlorobutadiene	< .04	< .04	< .04	< .4	< .04	< .04	< .4	< .04
Isopropylbenzene	< .01	0.01	< .01	< .1	< .01	0.03	< .1	< .01
Methylene Chloride	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Napthalene	< .03	0.07	0.08	< .3	0.04	0.04	< .3	0.05
Styrene	< .04	0.05	< .04	< .4	< .04	0.07	< .4	< .04
Tetrachloroethene	< .02	< .02	< .02	< .2	< .02	< .02	< .2	0.05
Toluene	0.18	0.89	3 J	< 1.11	1.8	12 J	< 1.11	2.3 J
Total Xylenes	0.07	1.71	0.55	< 2	0.33	6.5 J	1.06	0.96
Trichloroethene	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Trichlorofluoromethane	< .05	< .05	< .05	3.9	< .05	< .05	< .51	< .05
Vinyl Chloride	< .07	< .07	< .07	< .71	< .07	< .07	< .71	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
m & p-Xylenes	0.05	1.1	0.34	< .4	0.21	3.3 J	0.84	0.58
n-Butylbenzene	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
n-Propylbenzene	0.01	0.02	0.01	< .1	0.01	0.02	< .1	0.01
o-Xylene	0.02	0.61	0.21	< .1	0.12	3.2 J	0.22	0.38
p-Isopropyltoluene	< .02	< .02	< .02	< .2	< .02	< .02	< .2	< .02
s-Butylbenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
t-Butylbenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .1	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .51	< .05	< .05	< .51	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .3	< .03	< .03	< .3	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	20			50			30	

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Sample Location:	SG223494	SG223594	SG223694	SG223694	SG223794	SG223794	SG223894	SG223994
Sample Identification Number:	SGG2234JE*R	SGG2235JE	SGG2236JE	SGG2359JE	SGG2237JE	SGG2361JE	SGG2238JE	SGG2239JE
Date Sampled:	10/13/94	9/22/94	9/27/94	9/27/94	9/28/94	9/28/94	9/28/94	10/14/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .51	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.12	0.09	< .01	0.02	< .01	< .01	< .01	0.07
1,2-Dibromo-3-chloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .1	0.04	< .01	< .01	< .01	< .01	< .01	0.03
1,3-Dichlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .4	0.06	< .04	< .04	< .04	< .04	0.24	0.06
2-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	0.6	< .03	< .03	0.5	0.12	0.05	0.56	< .03
Benzene	0.31	0.31	0.08	0.18	0.08	< .03	0.21	0.23
Bromobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .3	0.03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .81	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	< .1	0.12	< .01	0.04	0.02	< .01	0.03	0.03
Hexachlorobutadiene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .1	0.01	< .01	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Styrene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .2	< .02	< .02	0.02	< .02	< .02	< .02	< .02
Toluene	< 1.11	0.28	< .11	0.22	< .11	< .11	< .11	0.12
Total Xylenes	< 2	0.12	< 2	0.09	< 2	< 2	< .01	0.07
Trichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .51	< .05	0.61	0.4	< .05	< .05	< .05	< .05
Vinyl Chloride	< .71	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .4	0.08	< .04	0.07	< .04	< .04	< .04	0.05
n-Butylbenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .1	0.03	< .01	< .01	< .01	< .01	< .01	< .01
o-Xylene	< .1	0.04	< .01	0.02	< .01	< .01	0.01	0.02
p-Isopropyltoluene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .1	0.02	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .51	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	130		20	20			50	40

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Sample Location: Sample Identification Number: Date Sampled:	SG224094 SGG2240JE 9/23/94	SG224194 SGG2241JE 9/22/94	SG224194 SGG2241JE*R 10/14/94	SG224294 SGG2242JE 9/22/94	SG224294 SGG2242JE*R 10/14/94	SG224294 SGG2351JE 9/22/94	SG224394 SGG2243JE 9/22/94
Test Group:GC/MS Units:µg/L							
1,1,1,2-Tetrachloroethane	< .02	< .02	< .2	< .02	< .2	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .2	< .02	< .2	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .51	< .05	< .51	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .2	< .02	< .2	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .4	< .04	< .4	< .04	< .04
1,2,4-Trimethylbenzene	0.01	0.02	< .1	0.05	0.21	0.03	0.07
1,2-Dibromo-3-chloropropane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .2	< .02	< .2	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .2	< .02	< .2	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .1	0.02	< .1	< .01	0.03
1,3-Dichlorobenzene	< .01	< .01	< .1	< .01	< .1	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .2	< .02	< .2	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
2-Butanone	0.09	0.13	< .4	0.06	< .4	< .04	0.1
2-Chlorotoluene	< .01	< .01	< .1	< .01	< .1	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .1	< .01	< .1	< .01	< .01
Acetone	< .03	< .03	< .3	0.37	< .3	< .03	< .03
Benzene	0.16	0.84	1.2	0.1	0.86	< .03	1
Bromobenzene	< .01	< .01	< .1	< .01	< .1	< .01	< .01
Bromochloromethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Bromodichloromethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Bromoform	< .02	< .02	< .2	< .02	< .2	< .02	< .02
Bromomethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Carbon Disulfide	< .04	< .04	< .4	< .04	< .4	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Chlorobenzene	< .01	< .01	< .1	< .01	< .1	< .01	< .01
Chloroethane	< .08	< .08	< .81	< .08	< .81	< .08	< .08
Chloroform	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Chloromethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Dibromochloromethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Dibromromethane	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Dichlorodifluoromethane	0.07	< .04	< .4	< .04	< .4	< .04	< .04
Ethylbenzene	0.09	1.4	< .1	0.32	0.12	0.04	0.46
Hexachlorobutadiene	< .04	< .04	< .4	< .04	< .4	< .04	< .04
Isopropylbenzene	< .01	0.01	< .1	< .01	< .1	< .01	0.02
Methylene Chloride	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Napthalene	< .03	0.06	< .3	0.06	< .3	0.05	< .03
Styrene	< .04	0.06	< .4	< .04	< .4	< .04	0.1
Tetrachloroethene	0.37	< .02	< .2	< .02	< .2	< .02	< .02
Toluene	0.2	0.84	< 1.1	4.3 J	< 1.1	< .11	3.5 J
Total Xylenes	0.4	3.7 J	< 2	1.28	< .11	0.05	1.58
Trichloroethene	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Trichlorofluoromethane	13 J	< .05	< .51	< .05	< .51	< .05	< .05
Vinyl Chloride	< .07	< .07	< .71	< .07	< .71	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .3	< .03	< .3	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .3	< .03	< .3	< .03	< .03
m & p-Xylenes	0.31	2.3 J	< .4	0.73	< .4	0.04	1.2
n-Butylbenzene	< .02	< .02	< .2	< .02	< .2	< .02	< .02
n-Propylbenzene	< .01	0.02	< .1	0.01	< .1	< .01	0.04
o-Xylene	0.09	1.4	< .1	0.55	0.11	0.01	0.38
p-Isopropyltoluene	< .02	< .02	< .2	< .02	< .2	< .02	< .02
s-Butylbenzene	< .01	< .01	< .1	< .01	< .1	< .01	0.01
t-Butylbenzene	< .01	< .01	< .1	< .01	< .1	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .51	< .05	< .51	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .3	< .03	< .3	< .03	< .03
Test Group:Gastech Units:ppm							
Hydrogen Sulfide							
Methane			370	20	290		30

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Sample Location: Sample Identification Number: Date Sampled:	SG224394 SGG2243JE*R 10/14/94	SG224494 SGG2244JE 9/22/94	SG224594 SGG2245JE 9/27/94	SG224694 SGG2246JE 10/4/94	SG224794 SGG2247JE 9/28/94	SG224894 SGG2248JE 10/12/94	SG224894 SGG2376JE 10/12/94	SG224994 SGG2249JE 10/6/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .51	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.22	0.03	0.02	0.01	< .01	0.01	< .01	< .01
1,2-Dibromo-3-chloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .1	0.01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .4	0.07	0.07	< .04	0.04	< .04	< .04	< .04
2-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .3	< .03	< .03	< .03	0.2	< .03	< .03	< .03
Benzene	1.8	0.31	0.3	0.08	0.1	0.25	0.19	< .03
Bromobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .81	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .3	< .03	0.03	< .03	< .03	< .03	< .03	< .03
Dibromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.2	0.08	0.05	< .01	0.02	0.02	0.05	< .01
Hexachlorobutadiene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	< .3	< .03	< .03	< .03	< .03	0.05	0.06	< .03
Styrene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	1.1	0.24	0.22	< .11	< .11	0.14	0.16	< .11
Total Xylenes	< .16	0.14	0.1	< 2	< 2	< .01	0.05	< 2
Trichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .51	< .05	0.59	0.53	< .05	< .05	< .05	0.08
Vinyl Chloride	< .71	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .4	0.1	0.07	< .04	< .04	< .04	0.04	< .04
n-Butylbenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .1	0.03	< .01	< .01	< .01	< .01	< .01	< .01
o-Xylene	0.16	0.04	0.03	< .01	< .01	0.01	0.01	< .01
p-Isopropyltoluene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .51	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	240	20	20	40				

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Sample Location: Sample Identification Number: Date Sampled:	SG225094 SGG2250JE 9/23/94	SG225194 SGG2251JE 9/23/94	SG225294 SGG2252JE 9/23/94	SG225294 SGG2252JE* 9/23/94	SG225394 SGG2253JE 9/26/94	SG225494 SGG2254JE 9/27/94	SG225594 SGG2255JE 10/4/94	SG225694 SGG2256JE 10/6/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .5	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .4	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	< .01	< .01	0.01	< .1	0.01	0.03	0.01	< .01
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
2-Butanone	0.07	< .04	0.17	< .4	< .04	0.05	0.1	< .04
2-Chlorotoluene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
Acetone	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Benzene	1	0.8	0.51	0.54	0.39	0.13	0.13	< .03
Bromobenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	0.04	< .4	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .81	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Chloromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .4	< .04	< .04	< .04	< .04
Ethylbenzene	0.08	0.07	2.4 J	2.6	0.02	0.03	0.01	< .01
Hexachlorobutadiene	< .04	< .04	< .04	< .4	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	0.02	< .1	< .01	< .01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Napthalene	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Styrene	< .04	< .04	< .04	< .4	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	0.07	0.12	< .2	< .02	< .02	< .02	< .02
Toluene	0.63	0.38	6.2 J	8.3	0.28	< .11	< .11	< .11
Total Xylenes	0.15	0.2	8 J	12.8	< .01	0.07	< 2	< 2
Trichloroethene	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Trichlorofluoromethane	0.38	0.13	1.3	< .5	2.9 J	0.67	0.46	< .05
Vinyl Chloride	< .07	< .07	< .07	< .71	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
m & p-Xylenes	0.11	0.18	6 J	10	< .04	0.05	< .04	< .04
n-Butylbenzene	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
n-Propylbenzene	< .01	< .01	0.01	< .1	< .01	< .01	< .01	< .01
o-Xylene	0.04	0.02	2	2.8	0.01	0.02	< .01	< .01
p-Isopropyltoluene	< .02	< .02	< .02	< .2	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .1	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .5	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .3	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane			20	20		20	50	

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Sample Location: Sample Identification Number: Date Sampled:	SG225694 SGG2365JE 10/6/94	SG225794 SGG2257JE 10/12/94	SG225894 SGG2258JE* 10/10/94	SG225894 SGG2368JE* 10/10/94	SG225994 SGG2259JE 10/10/94	SG226094 SGG2260JE 10/10/94	SG226194 SGG2261JE* 10/10/94	SG226294 SGG2262JE 9/26/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
1,1,1-Trichloroethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
1,1,2-Trichloroethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,1-Dichloroethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,1-Dichloroethene	< .05	< .05	< .5	< .5	< .05	< .05	< .5	< .05
1,1-Dichloropropene	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,2,3-Trichloropropane	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .4	< .4	< .04	< .04	< .4	< .04
1,2,4-Trimethylbenzene	< .01	0.06	0.21	0.33	0.28	< .01	1.3	0.01
1,2-Dibromo-3-chloropropane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,2-Dibromoethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,2-Dichlorobenzene	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
1,2-Dichloroethane	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
1,2-Dichloropropane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,3,5-Trimethylbenzene	< .01	0.01	< .1	0.13	0.08	< .01	0.41	< .01
1,3-Dichlorobenzene	< .01	< .01	< .1	< .1	< .01	< .01	< .1	< .01
1,3-Dichloropropane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
1,4-Dichlorobenzene	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
2,2-Dichloropropane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
2-Butanone	< .04	0.06	< .4	< .4	< .04	< .04	< .4	0.08
2-Chlorotoluene	< .01	< .01	< .1	< .1	< .01	< .01	< .1	< .01
4-Chlorotoluene	< .01	< .01	< .1	< .1	< .01	< .01	< .1	< .01
Acetone	0.04	< .03	0.63	0.51	< .03	< .03	0.5	< .03
Benzene	< .03	0.18	0.44	0.59	0.73	< .03	0.9	0.79
Bromobenzene	< .01	< .01	< .1	< .1	< .01	< .01	< .1	< .01
Bromochloromethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Bromodichloromethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Bromoform	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
Bromomethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Carbon Disulfide	< .04	< .04	< .4	< .4	< .04	< .04	< .4	< .04
Carbon Tetrachloride	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Chlorobenzene	< .01	< .01	< .1	< .1	< .01	< .01	< .1	< .01
Chloroethane	< .08	< .08	< .81	< .81	< .08	< .08	< .81	< .08
Chloroform	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Chloromethane	< .03	< .03	< .3	< .3	0.072	< .03	< .3	< .03
Dibromochloromethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Dibromromethane	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Dichlorodifluoromethane	< .04	< .04	< .4	< .4	< .04	< .04	< .4	< .04
Ethylbenzene	< .01	0.05	2.2	2.4	0.19	0.04	5.3	0.16
Hexachlorobutadiene	< .04	< .04	< .4	< .4	< .04	< .04	< .4	< .04
Isopropylbenzene	< .01	< .01	< .1	0.15	0.013	< .01	0.53	< .01
Methylene Chloride	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Napthalene	< .03	0.06	< .3	< .3	0.17	< .03	0.74	< .03
Styrene	< .04	< .04	< .4	< .4	< .04	< .04	< .4	< .04
Tetrachloroethene	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
Toluene	< .11	0.12	< 1.11	< 1.11	0.498	< .11	< 1.11	0.71
Total Xylenes	< 2	0.16	12	15	0.715	0.23	41	0.16
Trichloroethene	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Trichlorofluoromethane	< .05	< .05	< .5	< .5	< .05	0.92	< .5	< .05
Vinyl Chloride	< .07	< .07	< .71	< .71	< .07	< .07	< .71	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
m & p-Xylenes	< .04	0.12	8.6	10	0.52	0.17	29	0.12
n-Butylbenzene	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
n-Propylbenzene	< .01	0.02	< .1	0.12	0.039	< .01	0.79	0.01
o-Xylene	< .01	0.04	3.4	5	0.195	0.06	12	0.04
p-Isopropyltoluene	< .02	< .02	< .2	< .2	< .02	< .02	< .2	< .02
s-Butylbenzene	< .01	< .01	< .1	< .1	< .01	< .01	< .1	< .01
t-Butylbenzene	< .01	< .01	< .1	< .1	< .01	< .01	< .1	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .5	< .5	< .05	< .05	< .5	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .3	< .3	< .03	< .03	< .3	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane					90	20	30	

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Sample Location: Sample Identification Number: Date Sampled:	SG226394 SGG2263JE 9/27/94	SG226494 SGG2264JE 10/4/94	SG226594 SGG2265JE 10/10/94	SG226694 SGG2266JE 10/10/94	SG226794 SGG2267JE 10/10/94	SG226994 SGG2269JE 10/11/94	SG227094 SGG2270JE 10/11/94	SG227094 SGG2270JE* 10/11/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .5
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .4
1,2,4-Trimethylbenzene	< .01	< .01	0.06	0.03	0.18	0.39	2	2
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,3,5-Trimethylbenzene	< .01	< .01	0.02	< .01	0.05	0.17	0.87	0.76
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .1
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
2-Butanone	< .04	0.07	< .04	0.13	< .04	0.2	0.88	0.53
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .1
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .1
Acetone	< .03	0.16	< .03	0.29	< .03	< .03	2.1 J	2.6
Benzene	< .03	0.05	0.35	0.32	0.52	0.49	0.55	0.44
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .1
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Carbon Disulfide	< .04	< .04	0.05	< .04	< .04	0.09	0.11	< .4
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .1
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .81
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Chloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	0.33
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .4
Ethylbenzene	< .01	< .01	0.12	0.11	0.14	0.21	3.9 J	3.4
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .4
Isopropylbenzene	< .01	< .01	< .01	0.01	< .01	0.03	0.18	0.17
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Napthalene	< .03	< .03	0.6	0.2	0.09	0.07	0.09	< .3
Styrene	< .04	< .04	< .04	< .04	< .04	< .04	0.09	< .4
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
Toluene	< .11	< .11	0.21	0.21	0.17	0.35	7.1 J	6.4
Total Xylenes	< 2	< 2	0.35	0.23	0.65	1.28	15.5 J	25.7
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Trichlorofluoromethane	0.06	0.12	< .05	0.15	< .05	< .05	< .05	< .5
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .71
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
m & p-Xylenes	< .04	< .04	0.25	0.16	0.45	0.96	9.8 J	19
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .2
n-Propylbenzene	< .01	< .01	0.01	0.01	0.02	0.11	0.37	0.29
o-Xylene	< .01	< .01	0.1	0.07	0.2	0.32	5.7 J	6.7
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02	0.07	< .2
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	0.01	0.11	0.15
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .1
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .5
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .3
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane			120	60	90	20		

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Sample Location: Sample Identification Number: Date Sampled:	SG227194 SGG2271JE 10/6/94	SG227194 SGG2358JE 9/26/94	SG227294 SGG2272JE 10/4/94	SG227294 SGG2363JE 10/4/94	SG227394 SGG2273JE 10/10/94	SG227394 SGG2370JE 10/10/94	SG227494 SGG2274JE 10/10/94	SG227594 SGG2275JE 10/10/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	< .01	< .01	< .01	< .01	0.06	0.06	0.09	0.08
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .01	0.01	0.02	0.02	0.02
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	0.05	< .04	< .04	< .04	< .04	< .04	0.09	< .04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Benzene	0.16	< .03	0.18	0.13	0.28	0.16	0.75	0.42
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.02	< .01	0.02	0.02	0.17	0.23	0.19	0.2
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	0.01	0.02	< .01	0.01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	< .03	< .03	< .03	< .03	0.8	0.68	0.55	1.9
Styrene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	0.23	< .11	0.12	< .11	0.13	< .11	0.89	0.93
Total Xylenes	< .01	< 2	< 2	< 2	0.74	1.21	1.16	1.04
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	0.86	0.63	0.36	0.53	< .05	< .05	< .05	0.8
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .04	< .04	< .04	< .04	0.54	0.89	0.84	0.76
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	0.03
n-Propylbenzene	< .01	< .01	< .01	< .01	0.02	0.02	0.02	0.02
o-Xylene	0.01	< .01	< .01	< .01	0.2	0.32	0.32	0.28
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	70		30	30			60	

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Sample Location:	SG227794	SG227894	SG227994	SG228094	SG228194	SG228194	SG228294	SG228394
Sample Identification Number:	SGG2277JE	SGG2278JE	SGG2279JE	SGG2280JE	SGG2281JE	SGG2364JE	SGG2282JE	SGG2283JE
Date Sampled:	10/11/94	10/11/94	10/7/94	9/27/94	10/6/94	10/6/94	10/10/94	10/10/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.8	0.38	0.03	< .01	< .01	< .01	< .01	0.17
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	0.37	0.09	< .01	< .01	< .01	< .01	< .01	0.02
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	0.1	0.05	< .04	< .04	< .04	< .04	< .04	0.06
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	< .03	0.36	< .03	0.1	< .03	< .03	0.19
Benzene	0.39	0.5	0.2	< .03	0.07	< .03	< .03	0.19
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.15	0.15	0.33	< .01	0.01	< .01	< .01	0.16
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	0.03	0.01	0.02	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	0.07	0.08	0.04	< .03	0.15	< .03	< .03	3.6 J
Styrene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	0.03
Toluene	0.35	0.43	0.21	< .11	< .11	< .11	< .11	0.19
Total Xylenes	0.72	0.8	1.85	< 2	< 2	< 2	< 2	0.89
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .05	< .05	< .05	0.52	< .05	< .05	1.8	0.05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	0.51	0.55	1.3	< .04	< .04	< .04	< .04	0.61
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	0.2	0.04	0.02	< .01	< .01	< .01	< .01	0.02
o-Xylene	0.21	0.25	0.55	< .01	< .01	< .01	< .01	0.28
p-Isopropyltoluene	< .02	0.02	< .02	< .02	< .02	< .02	< .02	0.03
s-Butylbenzene	0.02	0.01	< .01	< .01	< .01	< .01	< .01	0.01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane			20	60			90	20

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Sample Location: Sample Identification Number: Date Sampled:	SG228394 SGG2283JE* 11/16/94	SG228394 SGG2369JE 10/10/94	SG228594 SGG2285JE 10/10/94	SG228694 SGG2286JE 10/11/94	SG228794 SGG2287JE 10/7/94	SG228794 SGG2367JE 10/7/94	SG228894 SGG2288JE 9/27/94	SG229694 SGG2296JE 10/14/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .5	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	< .1	0.01	0.09	0.67	0.04	0.04	< .01	0.05
1,2-Dibromo-3-chloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .1	< .01	0.04	0.22	0.01	0.01	< .01	0.02
1,3-Dichlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .4	< .04	0.18	0.06	0.07	< .04	< .04	0.1
2-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Benzene	< .3	< .03	0.68	0.72	0.53	0.5	0.08	1.2
Bromobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .4	< .04	0.05	< .04	0.06	0.07	< .04	0.05
Carbon Tetrachloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .81	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	0.37	< .03	0.04	< .03	0.05	0.05	< .03	0.03
Dibromochloromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.79	0.01	0.09	0.16	0.17	0.18	< .01	0.1
Hexachlorobutadiene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .1	< .01	0.01	0.02	0.01	0.01	< .01	< .01
Methylene Chloride	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	< .3	0.09	0.27	0.08	0.61	0.79	< .03	< .03
Styrene	< .4	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	< 1.11	< .11	0.34	0.44	0.35	0.31	< .11	0.72
Total Xylenes	4.7	0.09	0.32	0.72	0.71	0.83	< 2	0.21
Trichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	4.3	< .05	< .05	< .05	6.7 J	2.1 J	0.35	< .05
Vinyl Chloride	< .71	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .3	< .030	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	3.5	0.06	0.23	0.52	0.51	0.6	< .04	0.16
n-Butylbenzene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .1	< .01	0.03	0.1	0.02	0.02	< .01	< .01
o-Xylene	1.2	0.03	0.09	0.2	0.2	0.23	< .01	0.05
p-Isopropyltoluene	< .2	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .1	< .01	< .01	0.02	< .01	< .01	< .01	< .01
t-Butylbenzene	< .1	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .5	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .3	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane			100		30	30	30	

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Sample Location: Sample Identification Number: Date Sampled:	SG229794 SGG2297JE 10/10/94	SG229894 SGG2298JE 10/13/94	SG229994 SGG2299JE 11/16/94	SG230094 SGG2300JE 10/13/94	SG230194 SGG2301JE 10/14/94	SG230194 SGG2378JE 10/14/94	SG230294 SGG2302JE 10/12/94	SG230294 SGG2375JE 10/12/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.13	0.03	< .01	0.04	0.08	0.24	0.01	0.03
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	0.036	< .01	< .01	0.01	0.03	0.07	< .01	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .04	< .04	0.12	< .04	0.22	0.33	0.13	0.04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	< .03	< .03	0.25	1.5	0.89	< .03	< .03
Benzene	0.64	0.26	0.51	0.22	0.48	0.14	0.66	0.05
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	0.11	< .04	< .04	< .04	0.06	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	0.034	0.19	< .03	0.1	0.04	< .03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.14	0.04	< .01	0.03	0.13	0.09	0.1	0.02
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	0.013	< .01	< .01	< .01	0.01	0.01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	0.38	0.05	< .03	< .03	0.05	0.07	0.05	0.09
Styrene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	0.04	0.07	< .02	< .02
Toluene	0.49	0.18	0.28	0.13	0.31	0.14	0.53	< .11
Total Xylenes	0.68	0.11	< 2	0.11	0.52	0.36	0.12	0.08
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	4.4 J	0.49	< .05	0.1	< .05	< .05	< .05	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	0.47	0.08	< .04	0.08	0.39	0.25	0.08	0.06
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	0.028	< .01	< .01	< .01	0.02	0.04	0.01	< .01
o-Xylene	0.21	0.03	< .01	0.03	0.13	0.11	0.04	0.02
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	70				130	130		

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Sample Location: Sample Identification Number: Date Sampled:	SG230394 SGG2303JE 10/13/94	SG230494 SGG2304JE 11/16/94	SG230594 SGG2305JE 10/14/94	SG230694 SGG2306JE 10/12/94	SG230794 SGG2307JE 10/12/94	SG230794 SGG2374JE 10/12/94	SG230894 SGG2308JE 11/16/94	SG230994 SGG2309JE 10/12/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.03	0.01	0.12	0.02	0.03	0.02	0.01	0.02
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	0.04	< .01	< .01	< .01	< .01	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	< .04	0.13	< .04	0.15	< .04	< .04	< .04	< .04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	0.59	< .03	< .03	< .03	< .03	0.31	< .03
Benzene	0.2	0.27	0.07	0.99	0.26	0.26	0.16	0.08
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	0.07	< .04	< .04	0.07	0.06	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .03	< .03	< .03	0.03	< .03	0.03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.06	0.02	0.05	0.15	0.05	0.04	0.02	0.01
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	0.05	< .03	0.05	0.09	0.08	0.15	< .03	0.1
Styrene	0.05	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	0.16	0.17	< .11	0.84	0.36	0.44	< .11	< .11
Total Xylenes	0.09	0.05	0.25	0.19	0.12	0.1	< .01	0.05
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .05	0.1	< .05	< .05	< .05	< .05	0.19	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	0.06	0.04	0.19	0.13	0.08	0.07	< .04	0.04
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	0.01	< .01	0.02	0.01	0.01	0.01	< .01	< .01
o-Xylene	0.03	0.01	0.06	0.06	0.04	0.03	0.01	0.01
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane								

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Sample Location: Sample Identification Number: Date Sampled:	SG231094 SGG2310JE 10/12/94	SG231194 SGG2311JE 10/11/94	SG231294 SGG2312JE 10/11/94	SG231394 SGG2313JE 10/11/94	SG231494 SGG2314JE 10/12/94	SG231594 SGG2315JE 10/11/94	SG231694 SGG2316JE 10/11/94	SG231794 SGG2317JE 10/11/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.01	0.03	0.03	0.03	0.02	< .01	0.02	0.06
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	0.09	0.1	0.12	< .04	0.11	< .04	0.06	0.04
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	0.42	< .03	0.53	< .03	< .03	< .03	< .03	0.12
Benzene	0.2	0.2	0.25	0.13	0.26	< .03	0.16	0.14
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.03	0.05	0.05	0.03	0.09	< .01	0.02	0.05
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	0.06	0.13	0.09	0.13	0.07	< .03	0.08	0.83
Styrene	< .04	< .04	< .04	< .04	0.06	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	0.21	0.13	0.22	0.12	0.25	< .11	< .11	< .11
Total Xylenes	0.06	0.09	0.16	0.09	0.16	< 2	< .01	0.21
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .05	< .05	0.82	< .05	< .05	< .05	0.34	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	0.04	0.06	0.12	0.06	0.11	< .04	< .04	0.15
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .01	0.01	< .01	0.01	0.01	< .01	< .01	0.01
o-Xylene	0.02	0.03	0.04	0.03	0.05	< .01	0.01	0.06
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane					20			

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Sample Location: Sample Identification Number: Date Sampled:	SG231894 SGG2318JE 10/11/94	SG231894 SGG2372JE 10/11/94	SG231994 SGG2318JE 10/11/94	SG232094 SGG2320JE 10/12/94	SG232194 SGG2321JE 10/12/94	SG232294 SGG2322JE 10/12/94	SG232394 SGG2323JE 10/12/94	SG232494 SGG2324JE 10/12/94
Test Group:GC/MS Units:µg/L								
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.02	0.03	0.14	0.02	0.02	< .01	< .01	0.07
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	< .01	0.03	< .01	< .01	< .01	< .01	0.01
1,3-Dichlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
2-Butanone	0.11	< .04	0.05	0.06	0.12	0.06	0.05	0.14
2-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acetone	< .03	0.06	< .03	< .03	0.23	0.17	0.17	0.29
Benzene	0.22	< .03	0.22	0.09	0.13	0.08	0.05	0.08
Bromobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Carbon Disulfide	< .04	< .04	0.05	< .04	< .04	< .04	< .04	< .04
Carbon Tetrachloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Chloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromochloromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Ethylbenzene	0.04	0.01	0.07	0.02	0.03	0.02	0.01	0.05
Hexachlorobutadiene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Isopropylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Methylene Chloride	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Napthalene	0.09	0.18	0.1	0.08	0.12	0.09	0.17	0.35
Styrene	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04
Tetrachloroethene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
Toluene	0.12	< .11	0.15	< .11	< .11	< .11	< .11	< .11
Total Xylenes	< .02	0.05	0.25	< .02	0.06	< .01	< .01	0.21
Trichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Trichlorofluoromethane	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
Vinyl Chloride	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
m & p-Xylenes	< .04	0.04	0.16	< .04	0.04	< .04	< .04	0.15
n-Butylbenzene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
n-Propylbenzene	< .01	< .01	0.02	< .01	< .01	< .01	< .01	0.01
o-Xylene	0.02	0.01	0.09	0.02	0.02	0.01	0.01	0.06
p-Isopropyltoluene	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03
Test Group:Gastech Units:ppm								
Hydrogen Sulfide								
Methane	20							

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Sample Location: Sample Identification Number: Date Sampled:	SG239194 SGG2391JE* 3/9/95	SG239294 SGG2392JE** 3/9/95	SG239394 SGG2379JE* 3/9/95	SG239394 SGG2393JE* 3/9/95	SG239494 SGG2380JE 3/13/95	SG239494 SGG2394JE 3/13/95	SG239594 SGG2395JE** 3/13/95
Test Group:GC/MS Units:µg/L							
1,1,1,2-Tetrachloroethane	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
1,1,1-Trichloroethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,1,2,2-Tetrachloroethane	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
1,1,2-Trichloroethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,1-Dichloroethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,1-Dichloroethene	< .5	< 4.8	< .5	< .5	< .05	< .05	< 4.8
1,1-Dichloropropene	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,2,3-Trichlorobenzene	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,2,3-Trichloropropane	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
1,2,4-Trichlorobenzene	< .4	< 3.8	< .4	< .4	< .04	< .04	< 3.8
1,2,4-Trimethylbenzene	0.14	< 1	< .1	< .1	0.02	0.03	< 1
1,2-Dibromo-3-chloropropane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,2-Dibromoethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,2-Dichlorobenzene	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
1,2-Dichloroethane	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
1,2-Dichloropropane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,3,5-Trimethylbenzene	< .1	< 1	< .1	< .1	< .01	0.01	< 1
1,3-Dichlorobenzene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
1,3-Dichloropropane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
1,4-Dichlorobenzene	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
2,2-Dichloropropane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
2-Butanone	< .4	< 3.8	< .4	< .4	< .04	0.15	< 3.8
2-Chlorotoluene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
4-Chlorotoluene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
Acetone	< .3	< 2.9	0.82	< .3	< .03	< .03	< 2.9
Benzene	0.78	< 2.9	< .3	0.59	< .03	1.1	< 2.9
Bromobenzene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
Bromochloromethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Bromodichloromethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Bromoform	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
Bromomethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Carbon Disulfide	< .4	< 3.8	< .4	< .4	< .04	0.14	< 3.8
Carbon Tetrachloride	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Chlorobenzene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
Chloroethane	< .81	< 7.6	< .81	< .81	< .08	< .08	< 7.6
Chloroform	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Chloromethane	< .3	< 2.9	< .3	< .3	< .03	0.08	< 2.9
Dibromochloromethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Dibromromethane	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Dichlorodifluoromethane	< .4	< 3.8	< .4	< .4	< .04	< .04	< 3.8
Ethylbenzene	< .1	< 1	< .1	< .1	0.02	0.05	< 1
Hexachlorobutadiene	< .4	< 3.8	< .4	< .4	< .04	< .04	< 3.8
Isopropylbenzene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
Methylene Chloride	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Napthalene	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Styrene	< .4	< 3.8	< .4	< .4	< .04	< .04	< 3.8
Tetrachloroethene	< .2	< 1.9	< .2	< .2	< .02	< .02	99
Toluene	< 1.11	< 10	< 1.11	< 1.11	0.15	0.38	< 10.5
Total Xylenes	< 2	< 2	< 2	< 2	0.07	0.15	< 2
Trichloroethene	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Trichlorofluoromethane	< .5	< 4.8	< .5	< .5	< .05	< .05	< 4.8
Vinyl Chloride	11	95	3.7	2.2	< .07	3.2	< 6.7
cis-1,2-Dichloroethene	< .3	130	10	8.9	< .03	0.04	< 2.9
cis-1,3-Dichloropropene	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
m & p-Xylenes	< .4	< 3.8	< .4	< .4	0.05	0.11	< 3.8
n-Butylbenzene	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
n-Propylbenzene	< .1	< 1	< .1	< .1	< .01	0.01	< 1
o-Xylene	< .1	< 1	< .1	< .1	0.02	0.04	< 1
p-Isopropyltoluene	< .2	< 1.9	< .2	< .2	< .02	< .02	< 1.9
s-Butylbenzene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
t-Butylbenzene	< .1	< 1	< .1	< .1	< .01	< .01	< 1
trans-1,2-Dichloroethene	< .5	< 4.8	< .5	< .5	< .05	< .05	< 4.8
trans-1,3-Dichloropropene	< .3	< 2.9	< .3	< .3	< .03	< .03	< 2.9
Test Group:Gastech Units:ppm							
Hydrogen Sulfide							
Methane							

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Sample Location: Sample Identification Number: Date Sampled:	SG239694 SGG2396JE 3/13/95	SG239794 SGG2397JE 3/13/95	SG239894 SGG2398JE 3/13/95
Test Group:GC/MS Units:µg/L			
1,1,1,2-Tetrachloroethane	< .02	< .02	< .02
1,1,1-Trichloroethane	< .03	< .03	< .03
1,1,2,2-Tetrachloroethane	< .02	< .02	< .02
1,1,2-Trichloroethane	< .03	< .03	< .03
1,1-Dichloroethane	< .03	< .03	< .03
1,1-Dichloroethene	< .05	< .05	< .05
1,1-Dichloropropene	< .03	< .03	< .03
1,2,3-Trichlorobenzene	< .03	< .03	< .03
1,2,3-Trichloropropane	< .02	< .02	< .02
1,2,4-Trichlorobenzene	< .04	< .04	< .04
1,2,4-Trimethylbenzene	0.01	0.05	0.02
1,2-Dibromo-3-chloropropane	< .03	< .03	< .03
1,2-Dibromoethane	< .03	< .03	< .03
1,2-Dichlorobenzene	< .02	< .02	< .02
1,2-Dichloroethane	< .02	< .02	< .02
1,2-Dichloropropane	< .03	< .03	< .03
1,3,5-Trimethylbenzene	< .01	0.02	< .01
1,3-Dichlorobenzene	< .01	< .01	< .01
1,3-Dichloropropane	< .03	< .03	< .03
1,4-Dichlorobenzene	< .02	< .02	< .02
2,2-Dichloropropane	< .03	< .03	< .03
2-Butanone	< .04	0.15	< .04
2-Chlorotoluene	< .01	< .01	< .01
4-Chlorotoluene	< .01	< .01	< .01
Acetone	< .03	< .03	< .03
Benzene	0.59	2.2	0.2
Bromobenzene	< .01	< .01	< .01
Bromochloromethane	< .03	< .03	< .03
Bromodichloromethane	< .03	< .03	< .03
Bromoform	< .02	< .02	< .02
Bromomethane	< .03	< .03	< .03
Carbon Disulfide	< .04	0.14	< .04
Carbon Tetrachloride	< .03	< .03	< .03
Chlorobenzene	< .01	< .01	< .01
Chloroethane	< .08	< .08	< .08
Chloroform	< .03	< .03	< .03
Chloromethane	0.05	0.07	0.04
Dibromochloromethane	< .03	< .03	< .03
Dibromromethane	< .03	< .03	< .03
Dichlorodifluoromethane	< .04	< .04	< .04
Ethylbenzene	0.02	0.2	0.02
Hexachlorobutadiene	< .04	< .04	< .04
Isopropylbenzene	< .01	0.01	< .01
Methylene Chloride	< .03	< .03	< .03
Napthalene	< .03	< .03	< .03
Styrene	< .04	< .04	< .04
Tetrachloroethene	0.09	0.26	0.9
Toluene	0.29	1.3	0.26
Total Xylenes	< .01	0.27	0.09
Trichloroethene	< .03	< .03	< .03
Trichlorofluoromethane	< .05	0.07	< .05
Vinyl Chloride	< .07	< .07	< .07
cis-1,2-Dichloroethene	< .03	< .03	< .03
cis-1,3-Dichloropropene	< .03	< .03	< .03
m & p-Xylenes	< .04	0.19	0.07
n-Butylbenzene	< .02	< .02	< .02
n-Propylbenzene	< .01	0.03	< .01
o-Xylene	0.01	0.08	0.02
p-Isopropyltoluene	< .02	< .02	< .02
s-Butylbenzene	< .01	< .01	< .01
t-Butylbenzene	< .01	< .01	< .01
trans-1,2-Dichloroethene	< .05	< .05	< .05
trans-1,3-Dichloropropene	< .03	< .03	< .03
Test Group:Gastech Units:ppm			
Hydrogen Sulfide			
Methane			

Notes:
ppm = parts per million
µg/L = micrograms per Liter
* = 100 mL sample
** = 10 mL sample
R = Resampled

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APPENDIX D

Sodium Iodide Survey Field Forms

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Sodium Iodide Survey

OU14 IHSS 131

194

PRE-ACTIVITY CONTAMINATION SURVEY

FORM 1.1B

PAGE 1 OF 1

SITE NUMBER: 1211 14, 1445131 BK = 1241

DATE / TIME: 10/6/94; 1028

TECHNICIAN: R. Manolakis A. Kneebone-Marler

METER MODEL NO: BICRON ANALYST (FIDLER)

METER SERIAL NO: B388A A051M

DETECTOR MODEL NO: G5

DETECTOR SERIAL NO: B773K A0690

SCALER BACKGROUND (CPM): 1241 (10/6/94)

METER BACKGROUND (CPM): 1200 (10/6/94)

CAL DUE DATE: 9/95, 11/94

SURVEY TYPE: [XX] X-RAY

$1241 + 2(\sqrt{1241}) = 1311$

TECHNICIAN: N/A

SCALER MODEL NO: N/A

SCALER SERIAL NO: N/A

CALIBRATION DUE: N/A

Smear No:	Item Surveyed *	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) x-ray	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) x-ray	Direct Survey: Total Activity (dpm 100 cm2) α	Direct Survey: Total Activity (dpm 100 cm2) βγ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) βγ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) βγ	Smear Survey: Total Activity (dpm 100 cm2) α	Smear Survey: Total Activity (dpm 100 cm2) βγ	Release Yes	Release No
N/A	Soil Surface 10/6/94	SS430794	N/A	1256	N/A	+15										
	10/4/94 BK 1952 Soil Surface	SS438494		1835		-117										
	10/4/94 BK = 1952 Soil Surface	SS438394		1570		-382										
	10/4/94 BK 1952 Soil Surface	SS439094		1753		-199										
	Sub Soil Surface 10/4/94	SS439094		1793		-159										
	BK 1952 10/4/94 Soil Surface	SS438994		1707		-245										
	BK 2102 10/20/94 Soil Surface	SS434294		2424		+322										
	BK 1726 10/2 Soil Surface	SS435294		1651		-75										
	BK 1841 10/3/94 Soil Surface	SS437904		1710		-131										
	BK 1841 10/3/94 Soil Surface	SS438094		1531		-330										
	10/18/94 1522 Soil Surface	SS438794		1582		+60										
	Sub Soil Surface 1522	SS438794		1610		+88										
	Soil Surface 1519	SS438594		1467		-52										
	Sub Soil Surface 1519	SS438594		1672		+153										
	BK = 2102 10/20 Soil Surface	SS439394		2087		-15										
	BK 2102 10/20 Sub Soil Surface	SS439394		2105		+3										
	BK 2102 Soil Surface	SS439494		2124		+82										
	BK 2102 Soil Surface	SS439494		2087		-15										
	~~Soil Surface~~															
	Soil Surface					AKM										

N

A

Net Count Rate = Gross Count Rate Minus Background Count Rate

Performed by: [signature] Marler Date: 10/4/94

Reviewed By: [signature] Date: 1-5-94

* DATA [illegible]

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: R. Manolakis SSAN or Emp. # _____ Reviewed by: [signature]

Taken by: T. Bird Emp. # _____ SSO [signature] SSAN or Emp. # _____

Taken by: E. Deiner Emp. # _____ Name/Organization _____ Emp. # _____

Date: 11/15/94 Building: _____

Time: 1105 Room #: _____

Shift: _____

Survey Description: Surficial Soil sampling below asphalt OU 14, IHSS 131

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	R051M				
Date Perf. Ck:	11/15/94				
Date Calib'd:	11/94				
Cal. Due Date:	11/95				

SUB SURFACE (DRILL HOLE)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
SS430394	1.	NA	2200	2214	N
SS430594	2.	NA	2500	2495	N
SS430694	3.	NA	2500	2446	N
SS430794	4.	NA	2500	2486	N
SS430894	5.	NA	2500	2484	N
SS430994	6.	NA	2400	2366	N
	7.				
	8.				
	9.				
	10.				
	11.				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				

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FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: A-K-Marker SSAN or Emp. # _____ Reviewed by: [signature]

Taken by: A. Pastino Emp. # _____ SSO _____ SSAN or Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 11/2/94 Building: _____

Time: 0930 Room #: _____

Shift: _____

Survey Description: OU14 IHSS 131 Surficial soil sampling Below asphalt

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	A051M				
Date Perf. Ck:	11/2/94	NA		NA	
Date Calib'd:	11/94				
Cal. Due Date:	11/95				

	Sub surface		BKG	[Sub surface] c/m METER	SCALER	AREA POSTED (Y/N)			BKG	c/m METER	SCALER	AREA POSTED (Y/N)	
12/94	SS432394	1.	NA	* 2500	2512	N	SS431094	12.	NA	2600	2606	N	11/14/94
	SS431394	2.	NA	* 2300	2325			13.					
	SS432494	3.	NA	* 2700	2697			14.					
	SS431494	4.	NA	* 4300	4314			15.					
11/11/94	SS432294	5.	NA	2500	2528			16.					
	SS432194	6.	NA	2300	2286			17.					
	SS431594	7.	NA	2300	2316			18.					
	SS431294	8.	NA	2330	2331			19.					
11/14/94	SS431194	9.	NA	2500	2514			20.					
	SS432594	10.	NA	2700	2711			21.					
	SS432694	11.	NA	3000	3005	N		22.					

11/2/94

197 *Subsurface

(4006-123-0025) (EG&G6-6.ROI) (11-16-91) (2:32pm)lmb

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: R. Manolakis SSAN or Emp. # _____ Reviewed by: [signature] SSAN or Emp. # _____

Taken by: E. Detmer Emp. # _____ SSO _____

Taken by: J. Miyagishima Emp. # _____ Name/Organization _____ Emp. # _____

Date: 10/06/94 Building: _____

Time: 1015-1101 Room #: _____

Shift: _____

Survey Description: ASPHALT SAMPLE OU14, 1455 131

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	LUDLUM				
Serial #:	B388A				
Date Perf. Ck:	10/06/94		NA 10/06/94		
Date Calib'd:	09/19/94				
Cal. Due Date:	9/95				

SITE #		BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)	SITE #
SS432694	1.	1374	1400	1368	Y	12.	~~1474~~				~~SS4313 94~~ (40)
SS431094	2.	1376	1300	1316	Y	13.		1505	1476	Y	SS4306 94
SS430994	3.	1374	1300	1271	Y	14.		1450	1443	Y	SS4305 94
SS430894	4.	1374	1300	1267	Y	15.		1400	1401	Y	SS4304 94
SS431194	5.	1374	1300	1261	Y	16.		1300	1269	Y	SS4303 94
SS432594	6.	1374	1700	1671 ✓	Y	17.		1400	1361	Y	SS4302 94
SS431994	7.	1241	1300	1256	Y	18.		~~2080~~ 2100	2090 ✓	Y	SS4301 94
SS431294	8.		1200	1206	Y	19.		2310	2312	Y	SS4300 94
SS432494	9.		1300	1315	Y	20.		3000	3032	Y	SS4319 94
SS432394	10.		1350	1342	Y	21.		3000	2966	Y	SS4318 94
SS431394	11.	1241	1300	1295	Y	22.	1424	1450	1426	Y	SS4317 94

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FORM 6.6A (Continued)

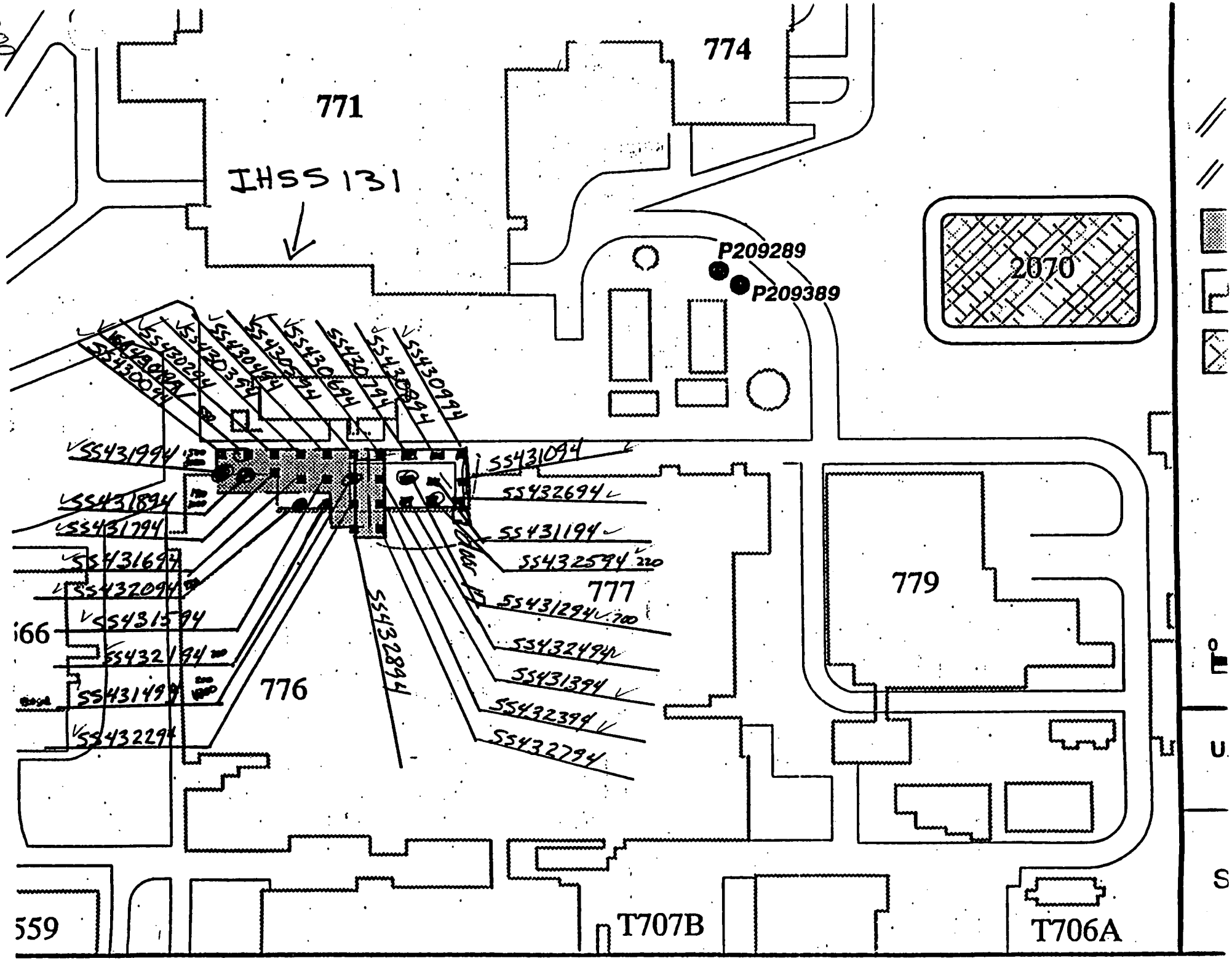
GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
S431694 23.	1474	1600	1560	Y
S432094 24.	↓	2000	1965	Y
S432194 25.	↓	1700	1730	Y
S431594 26.	↓	1600	1635	Y
S431494 27.	↓	1750	1750	Y
S432294 28.	1474	1600	1577	Y
29.				
30.				
31.				
32.				
33.				
34.				
35.				
36.				
37.				
38.				
39.				
40.				
41.				
42.				
43.				
44.				
45.				
46.				
47.				
48.				
49.				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
50.				
51.				
52.				
53.				
54.				
55.				
56.				
57.				
58.				
59.				
60.				
61.				
62.				
63.				
64.				
65.				
66.				
67.				
68.				
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				

199


774
771
IHSS 131
P209289
P209389
2070
SS430094
SS430294
SS430394
SS430494
SS430594
SS430694
SS430794
SS430894
SS430994
SS431994
SS431894
SS431794
SS431694
SS432094
SS431594
SS432194
SS431494
SS432294
SS431094
SS432694
SS431194
SS432594
SS431294
SS432494
SS431394
SS432394
SS432794
SS432894
777
779
776
666
559
T707B
T706A

Sodium Iodide Survey

OU14 IHSS 156.1

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: Tom Bond SSAN or [redacted] Emp. # _____ Reviewed by: _____ SSAN or [redacted]

Taken by: _____ Emp. # _____ SSO [signature] Emp. # [redacted]

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 12/5/94 Building: IHSS 156.1

Time: 0830 Room #: _____

Shift: _____

Survey Description: NaI survey OU14 IHSS156.1

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G5				
Serial #:	A851M				
Date Perf. Ck:	12/05/94			NA	
Date Calib'd:	11/11/94				
Cal. Due Date:	11/95				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
1.	2226	2100	2120	N	12.		2400	2396	N
2.		2200	2172		13.		2150	2126	
3.		1900	1858		14.		1900	1890	
4.		1800	1824		15.		1800	1765	
5.		1700	1695		16.		1700	1713	
6.		1300	1274		17.		1800	1806	
7.		1300	1302		18.		1500	1511	
8.		1350	1340		19.		1550	1525	
9.	1883	2200	2211		20.		1500	1486	
10.		2450	2446		21.		1700	1667	
11.		2550	2548	N	22.		1400	1433	N

(4006-123-0025) (EG&G6-6.ROI) (11-16-91) (2:32pm)lmb

202

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
23.		1400	1423	N	50.		1600	1611	N
24.		1700	1683		51.		2100	2081	
25.		1750	1743		52.		2200	2172	
26.		2250	2242		53.		1950	1927	
27.	1883	2250	2231		54.		2500	2481	
28.		2600	2616		55.		2000	2019	
29.		2000	2005		56.		2500	2470	
30.		1900	1902		57.		1900	1916	
31.		1850	1845		58.		1900	1847	
32.		2100	2102		59.		1900	1881	
33.		1500	1489		60.		1750	1721	
34.		2000	1957		61.		1700	1661	
35.		2200	2194		62.		1900	1916	
36.		2500	2469		63.		2500	2499	
37.		2550	2554		64.		2450	2451	
38.		2450	2442		65.		2550	2539	
39.		2000	1973		66.		2400	2406	
40.		2100	2114		67.		2000	1971	
41.		1600	1569		68.		2800	2794	
42.		1800	1794		69.		2500	2438	
43.		2000	1958		70.		2400	2395	
44.		1800	1808		71.		2350	2321	
45.		1900	1883		72.		1850	1846	
46.		1750	1741		73.		1850	1837	
47.		1900	1912		74.		1800	1794	
48.		1800	1791		75.		1850	1843	
49.		1700	1673	N	76.		1900	1882	N

203

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
77.		1900	1884	N
78.		1900	1804	
79.		1900	1895	
80.		1900	1805	
81.		1700	1656	
82.		2000	1958	
83.		2000	2038	
84.		2100	2063	
85.		2500	2448	
86.		2100	2585	
87.		1800	1779	
88.		2050	2036	
89.		1900	1798	
90.		1900	1803	
91.		2150	2147	
92.		2100	2074	
93.		1950	1945	
94.		1950	1938	
95.		2000	1988	
96.		2000	1964	
97.		2050	2032	
98.		2400	2410	
99.		2050	2065	
100.		2100	2080	
101.		2200	2154	
102.		2200	2161	
103.		2350	2344	N

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
104.		2300	2292	N
105.		1500	1493	
106.		2000	2017	
107.		2200	2201	
108.		2100	2114	
109.		2200	2192	
110.	2383	2200	2202	
111.		2100	2066	
112.		2000	1993	
113.		2447	2366	
114.		2200	2194	
115.		2300	2271	
116.		2250	2248	
117.		2300	2293	
118.	2230	2350	2335	N

NA

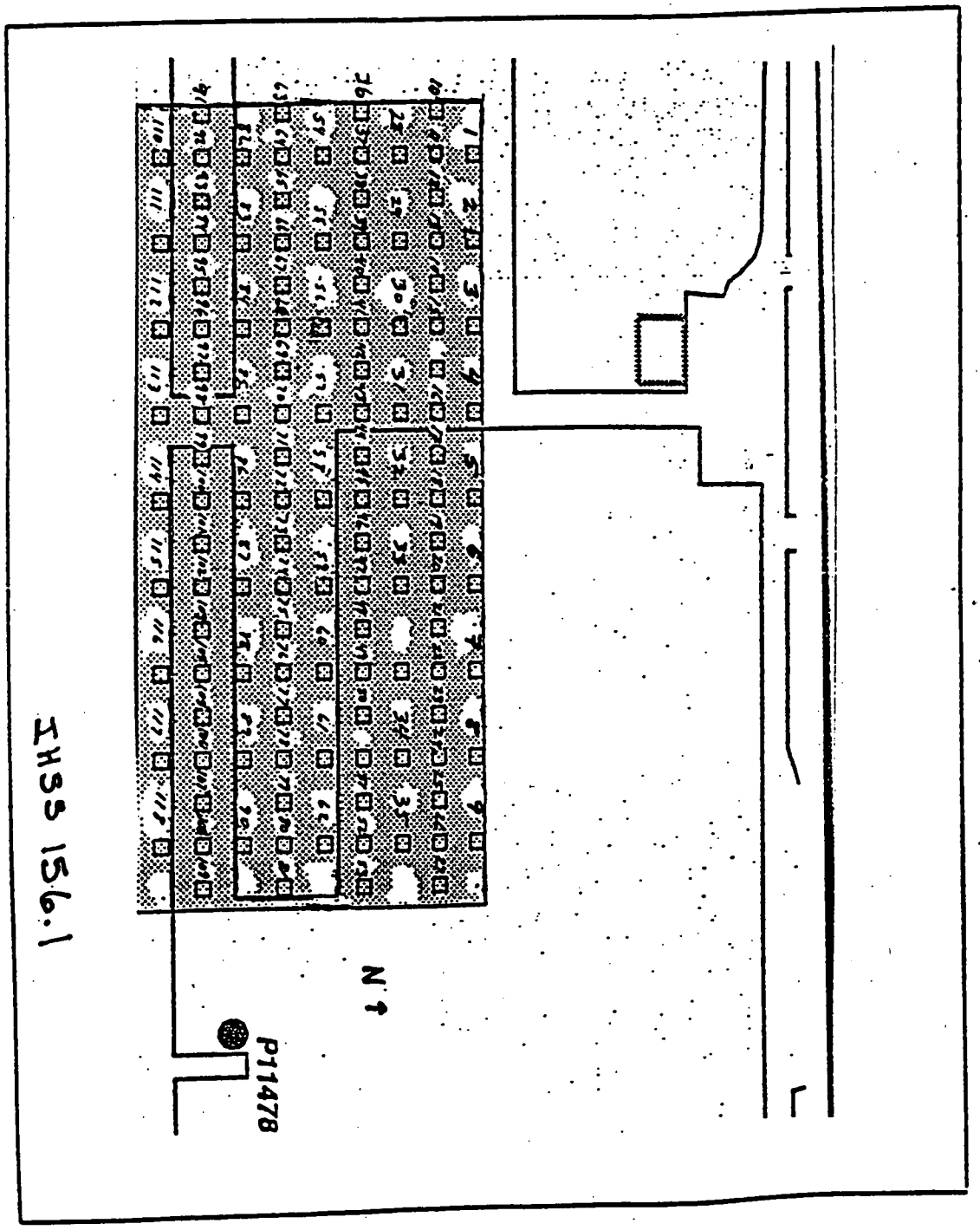
204

FORM 6.6A (Continued)

GAMMA SURVEY

CONTROL NO. SPECIAL

AREA OR EQUIPMENT DRAWING SHOWING SURVEY POINTS



205

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: Tom Bond SSAN or Emp. # [redacted] Reviewed by:

Taken by: _____ Emp. # _____ SSO _____ SSAN or Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 12/6/94 Building: IHSS 156.1

Time: 1230 Room #: _____

Shift: _____

Survey Description: Nal Survey

OU14 IHSS156.1

BICRON FIDLER

	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Mfg:					
Model:	05				
Serial #:	A051M				
Date Perf. Ck:	12/06/94				
Date Calib'd:	4/4/94				
Cal. Due Date:	11/95				

NA

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
1.		2250	2249	N	12.		2200	2180	N
2.		2050	2051		13.		2100	2064	
3.		2200	2189		14.		2050	2055	
4.		1950	1930		15.		2050	2055	
5.		2000	1990		16.	2016	2150	2153	
6.		2100	2083		17.	2203	2100	2107	
7.		2000	1960		18.	2157	2150	2139	
8.		2010	2010		19.		2100	2124	
9.		1850	1829		20.		2000	2009	
10.		2000	1953		21.		2000	1903	
11.	2099	2100	2099	N	22.		2100	2120	N

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
23.		2150	2157	N
24.		2100	2116	
25.		2150	2130	
26.		2050	2045	
27.		2100	2110	
28.		2000	1980	
29.		2150	2162	
30.		2100	2125	
31.		2000	1969	
32.	1953	2100	2113	
33.		2000	1989	
34.		1850	1853	
35.		1850	1855	
36.	2039	2100	2139	
37.		1900	1920	
38.		1950	1955	
39.		1900	1905	
40.		1900	1910	
41.		1950	1946	
42.		2050	2041	
43.		2000	1985	
44.		2050	2041	
45.		2050	2059	
46.		2150	2143	
47.		2200	2169	
48.		2000	1990	
49.		1950	1837	N

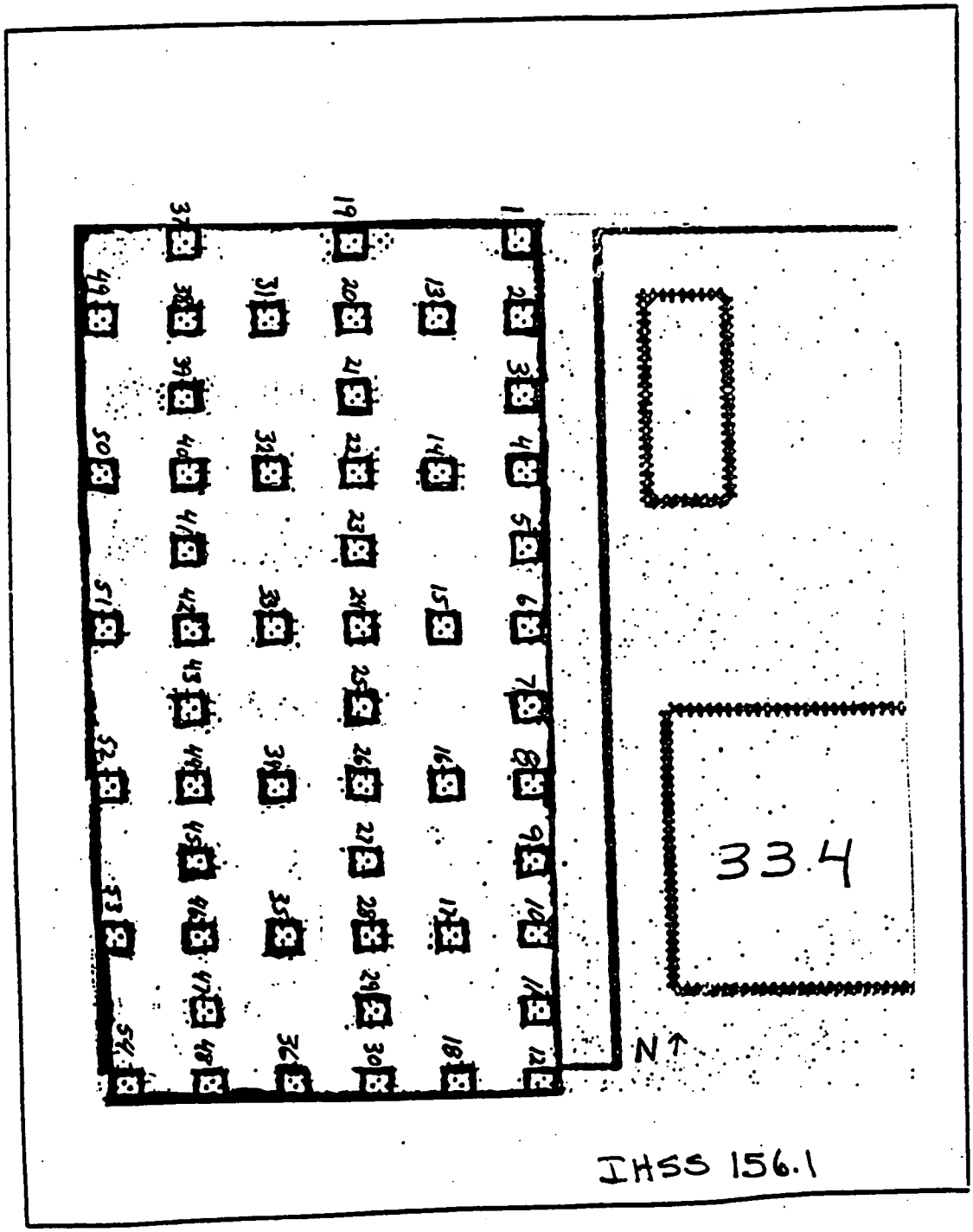
	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
50.		1800	1757	N
51.		1850	1831	
52.		1800	1806	
53.		1700	1692	
54.	1697	1850	1834	N
55.				
56.				
57.				
58.				
59.				
60.				
61.				
62.				
63.				
64.				
65.		N/A		
66.				
67.				
68.				
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				

207

GAMMA SURVEY

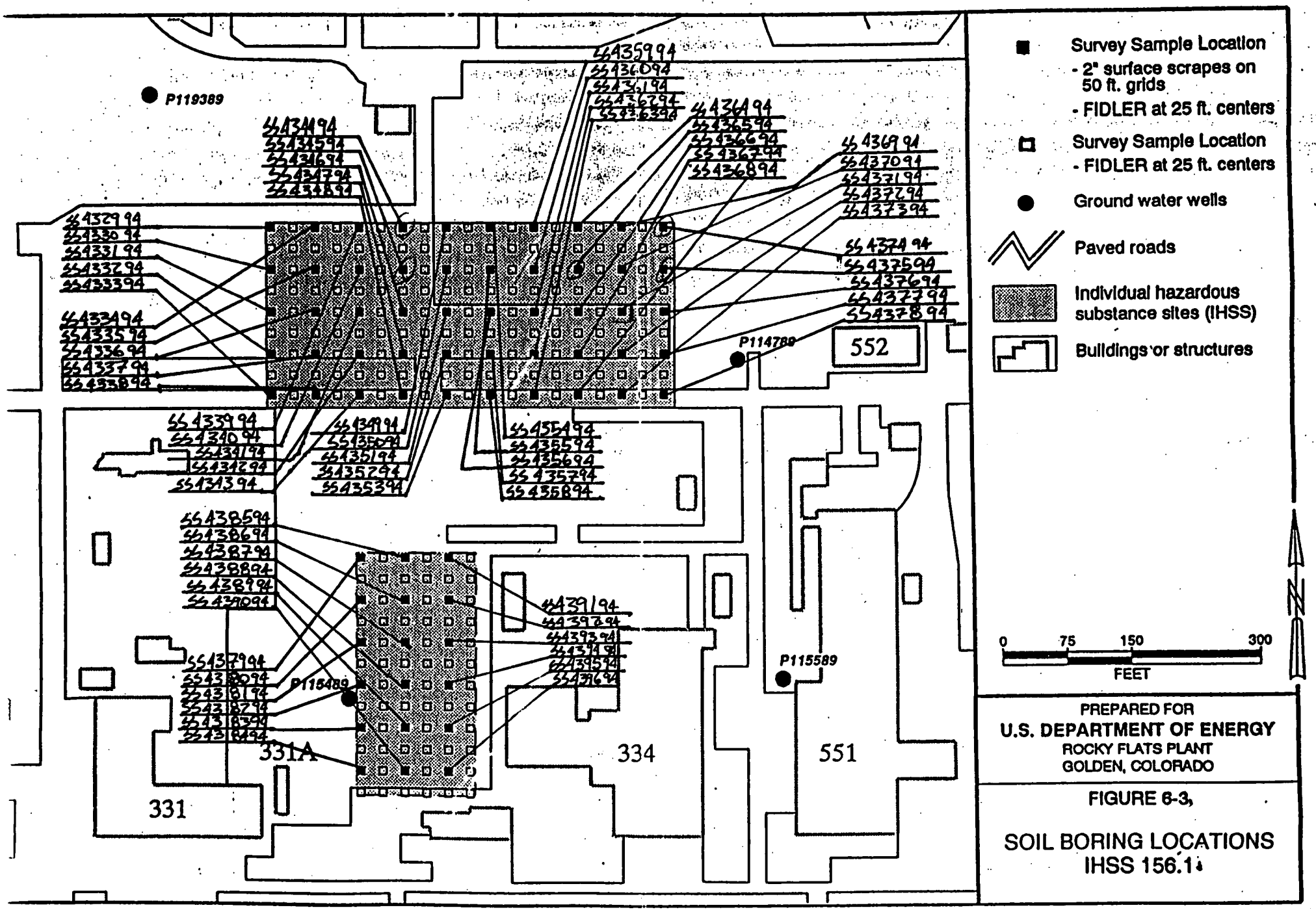
CONTROL NO. SPECIAL

AREA OR EQUIPMENT DRAWING SHOWING SURVEY POINTS



208

209



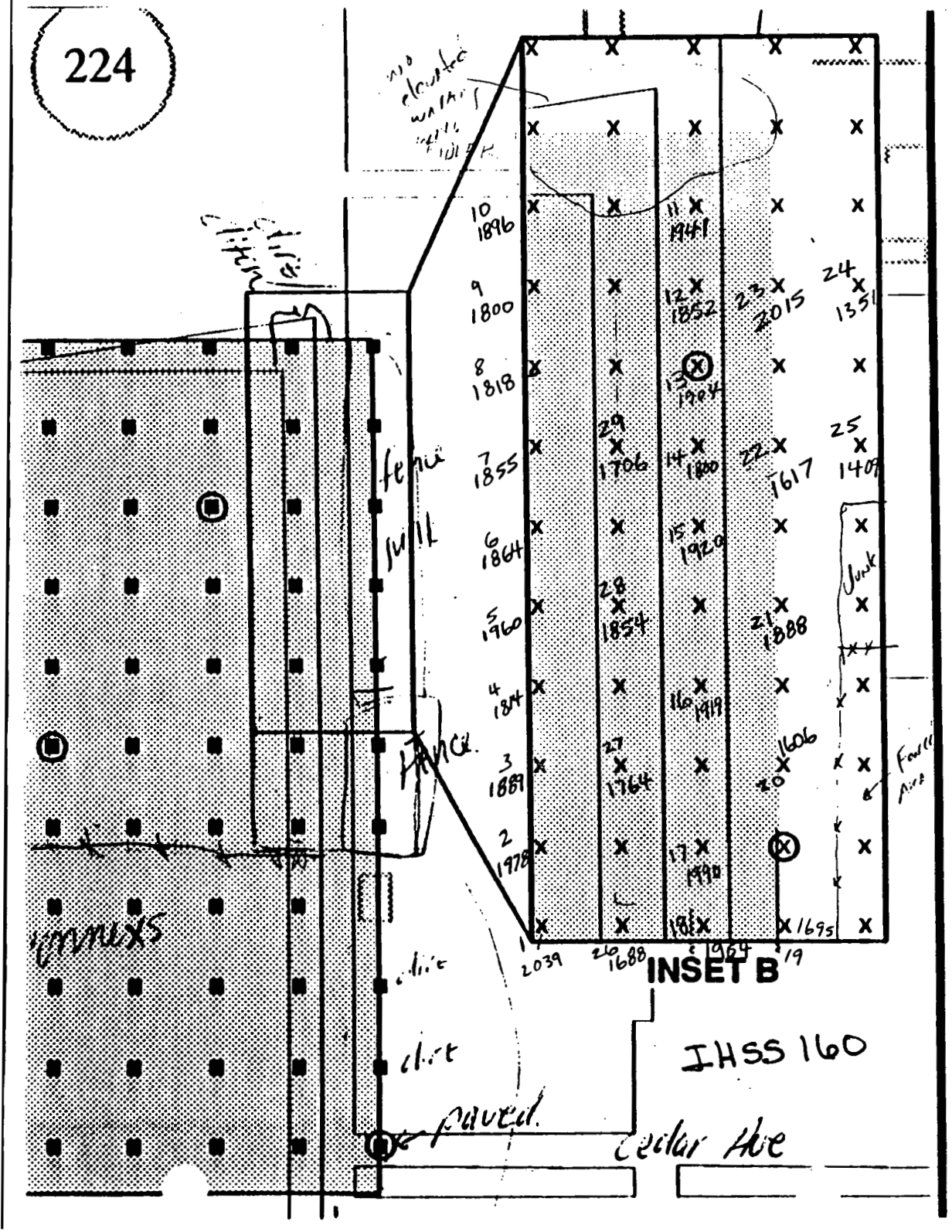
PREPARED FOR
U.S. DEPARTMENT OF ENERGY
ROCKY FLATS PLANT
GOLDEN, COLORADO

FIGURE 6-3,

SOIL BORING LOCATIONS
IHSS 156.1

Sodium Iodide Survey

OU14 IHSS 160



- Survey Sample Location
  - Soil Gas Samples at 50 ft. centers
  - Borehole randomly selected to samples 1 out of every 25 soil gas sample locations
  - 2" surface scrapes at 50 ft. centers (FIDLER)
- Concentrated Radiological Survey Sample Area at 25' centers based on Historical Information
- Ground water wells
- Paved roads
- Unimproved dirt roads
- Individual hazardous substance sites (IHSS)
- Buildings or structures

0 75 150 300

N

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: David Spruce SSAN Emp. [redacted] Reviewed by:

Taken by: _____ Emp. # _____ SSO _____ SSAN or Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 7-19-94 Building: 664 IHSS

Time: 0830 Room #: 160

Shift: Day

Survey Description: HP6E confirmation site #6990 N12R survey Area around Bld. 664 North surveys To Approx 75' 25ft Grid 1 survey per 25 ft Inset A

BICRON FIDLER

	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Mfg: Probe #					
Model: A0690	Bicron				
Serial #:	A05IM				
Date Perf. Ck:	7-19-94				
Date Calib'd:	11-93				
Cal. Due Date:	11-94				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
1.		3000	2681	N	12.		3500	3250	NO
2.		3500	3275		13.		3000	2792	
3.		3000	3078		14.		3500	3325	
4.		3000	2701		15.		3200	3185	
5.		3000	2681		16.		6000	5646	
6.		3500	3084		17.		10000	9056	
7.		3000	2880		18.		9000	8819	
8.		2500	2410		19.		11500	11210	
9.		2500	2607		20.		5500	5041	
10.		3000	2905		21.		4000	3990	
11.		3500	3111		22.		3100	3822	

Best Available Copy

7-19-94

Bld 664 I HSS 160

FORM 6.6A (Continued)

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
23.		4500	4626	NO
24.		3600	3562	
25.		3100	3128	
26.		2200	2135	
27.		1800	1797	
28.		2000	1945	
29.		2300	2301	
30.		2800	2924	
31.		4000	3974	
32.		3100	3098	
33.	6576		BK6	
34.		2200	2183	
35.		2500	2439	
36.		2400	2375	
37.		2200	2181	
38.				
39.				
40.				
41.				
42.				
43.				
44.				
45.				
46.				
47.				
48.				
49.				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
50.				
51.				
52.				
53.				
54.				
55.				
56.				
57.				
58.				
59.				
60.				
61.				
62.				
63.				
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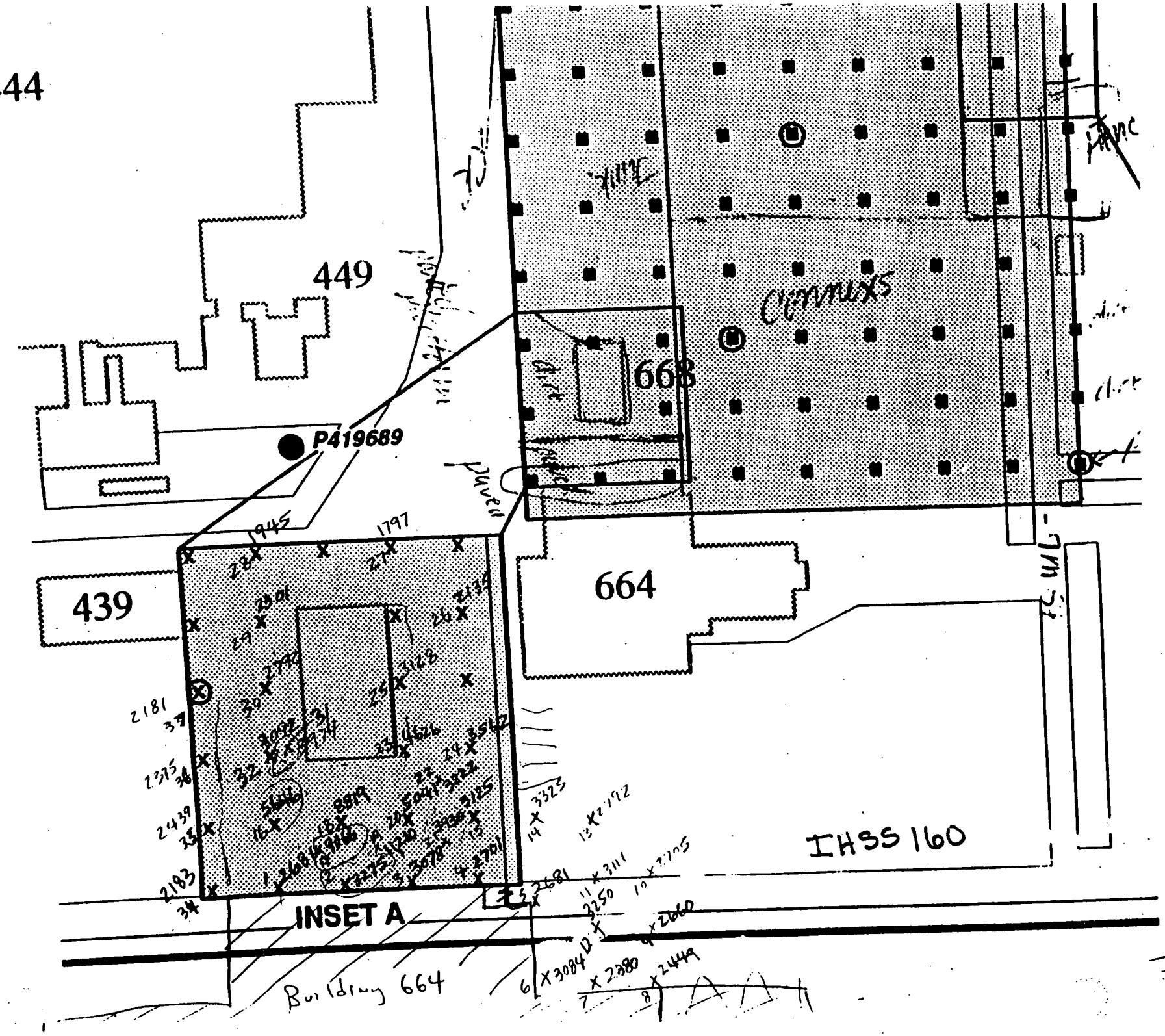
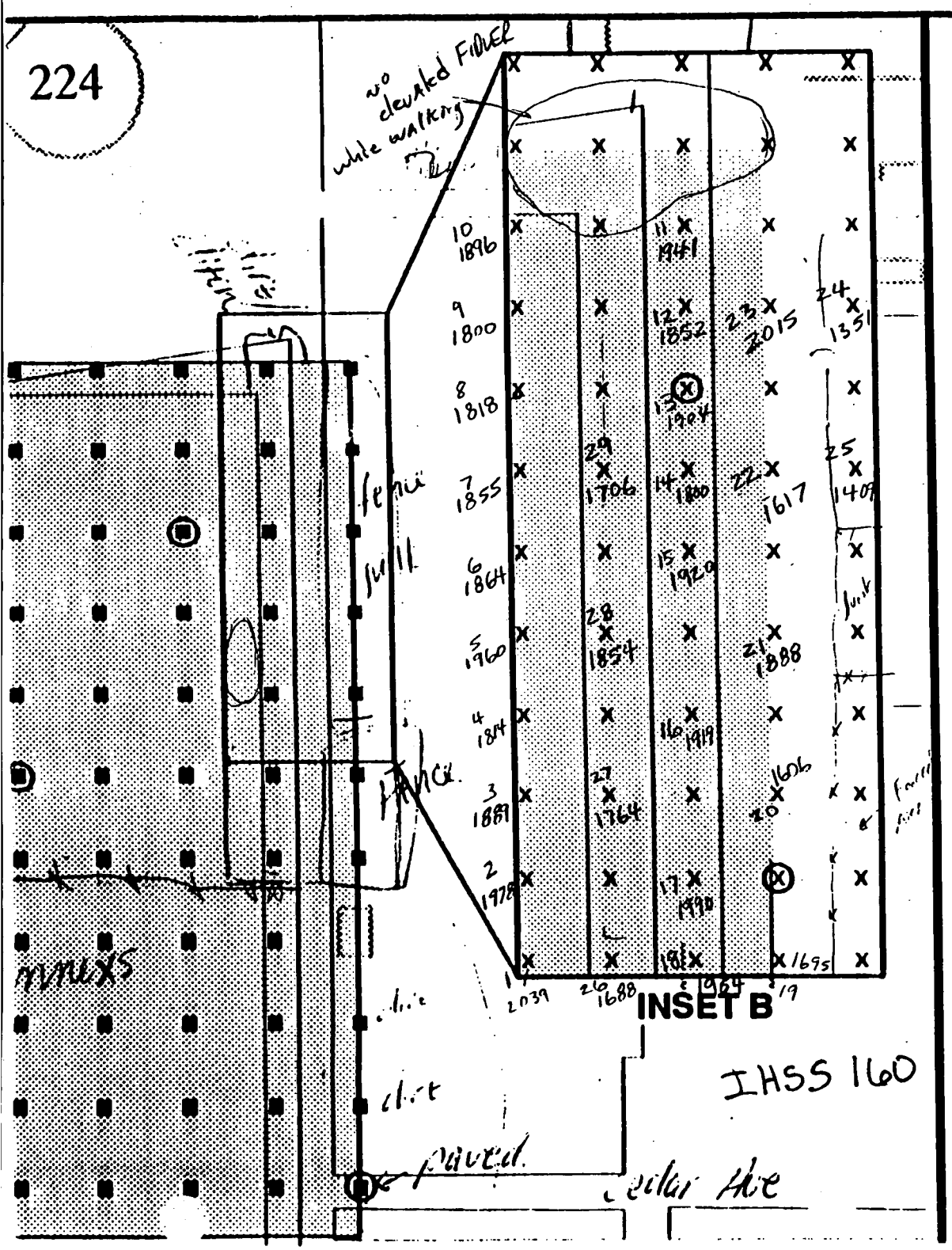
74.				
75.				
76.				

213



44
449
439
668
664
P419689
Commons
IHSS 160
INSET A
Building 664

224



Survey Sample Location
- Soil Gas Samples at 50 ft. centers
- Borehole randomly selected to samples 1 out of every 25 soil gas sample locations
- 2" surface scrapes at 50 ft. centers (FIDLER)

Concentrated Radiological Survey Sample Area at 25' centers based on Historical Information

Ground water wells

Paved roads

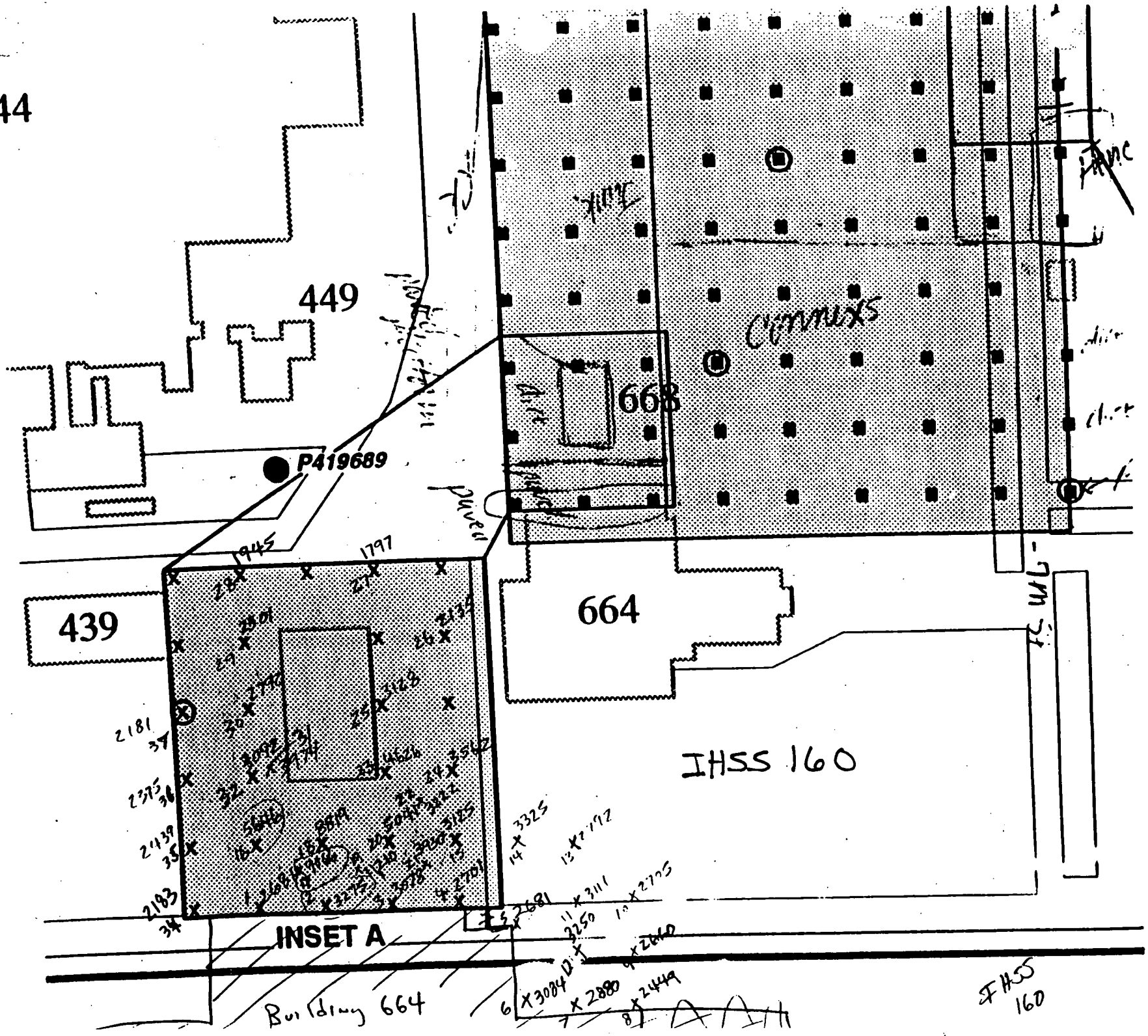
Unimproved dirt roads

Individual hazardous substance sites (IHSS)

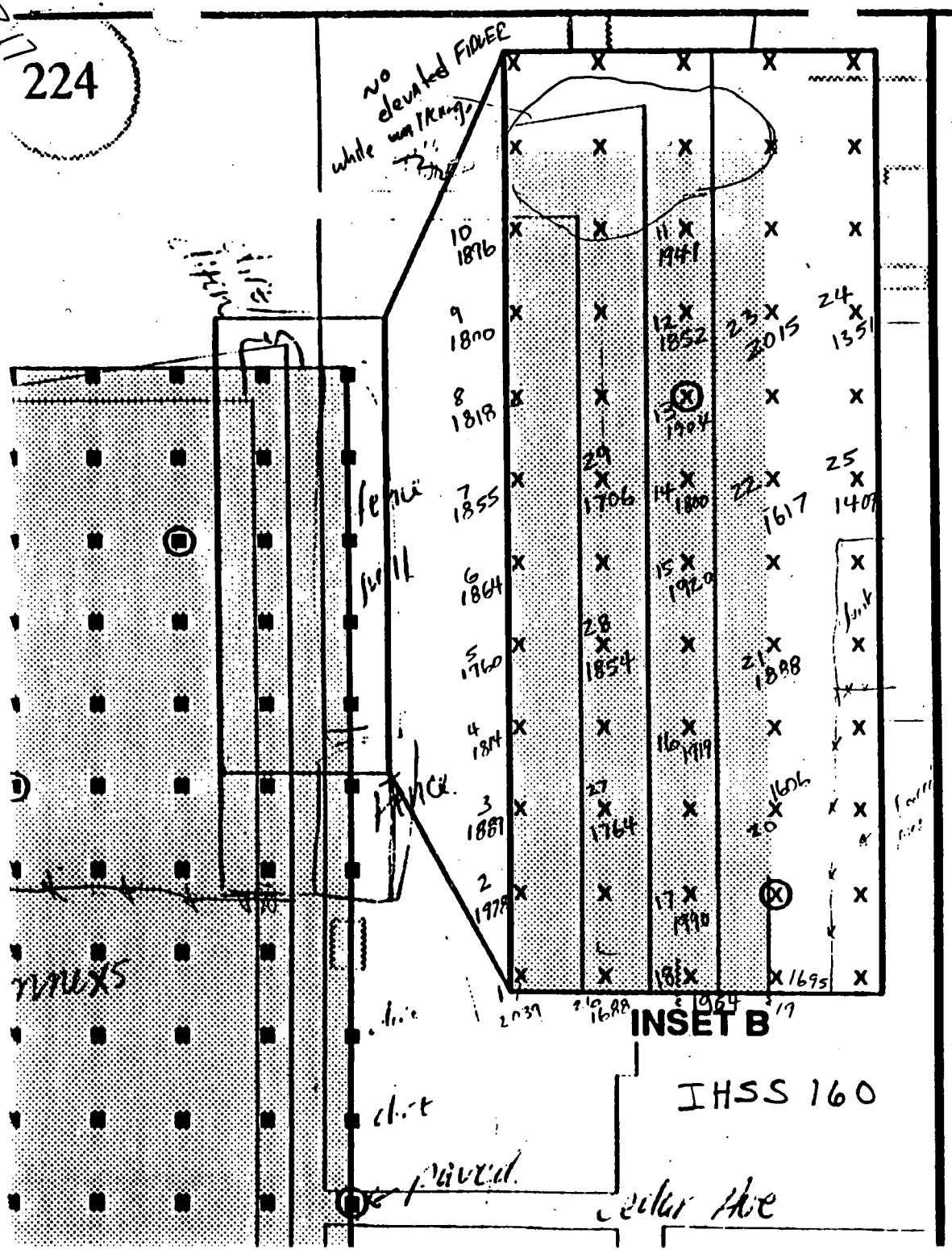
Buildings or structures

C12

N



44
449
P419689
668
Connexs
439
664
IHSS 160
INSET A
Building 664
IHSS 160



- Survey Sample Location
  - Soil Gas Samples at 50 ft. centers
  - Borehole randomly selected to samples 1 out of every 25 soil gas sample locations
  - 2" surface scrapes at 50 ft. centers (FIDLER)
- Concentrated Radiological Survey Sample Area at 25' centers based on Historical Information
- Ground water wells
- Paved roads
- Unimproved dirt roads
- Individual hazardous substance sites (IHSS)
- Buildings or structures

IHSS 160

N

FORM 6.6A

Parking Lot SW corner of Cottonwood and 7th street HPGE confirmation surveys. HPGE Sample Location Am site # 4I-14, 1240

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: DM Spruce SSAN Emp. [redacted] viewed by:

Taken by: _____ Emp. # _____ SSO David M Spruce SSAN or Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 7-19-94 Parking Lot ~~Building~~: _____

Time: _____ IHS ~~Room #~~: 160

Shift: _____

Survey Description: _____

Inset B

BICRON FIDLER

Mfg: Probe # A0690	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	Bicron				
Serial #:	A0SIM				
Date Perf. Ck:	7-19-94				
Date Calib'd:	11-93				
Cal. Due Date:	11-94				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
1.		2000	2039		12.		2000	1852	
2.		2K	1978		13.		1900 ~~1800~~	~~1800~~ 1904	
3.		1900	1889		14.		1800	1800	
4.		1800	1814		15.		1900	1920	
5.		1900	1960		16.		1900	1919	
6.		1800	1864		17.		1900	1980	
7.		1900	1855		18.		1900	1964	
8.		1800	1868		19.		1700	1695	
9.		1800	1890		20.		1600	1606	
10.		1900	1896		21.		1900	1888	
11.		1900	1952		22.		1700	1671	

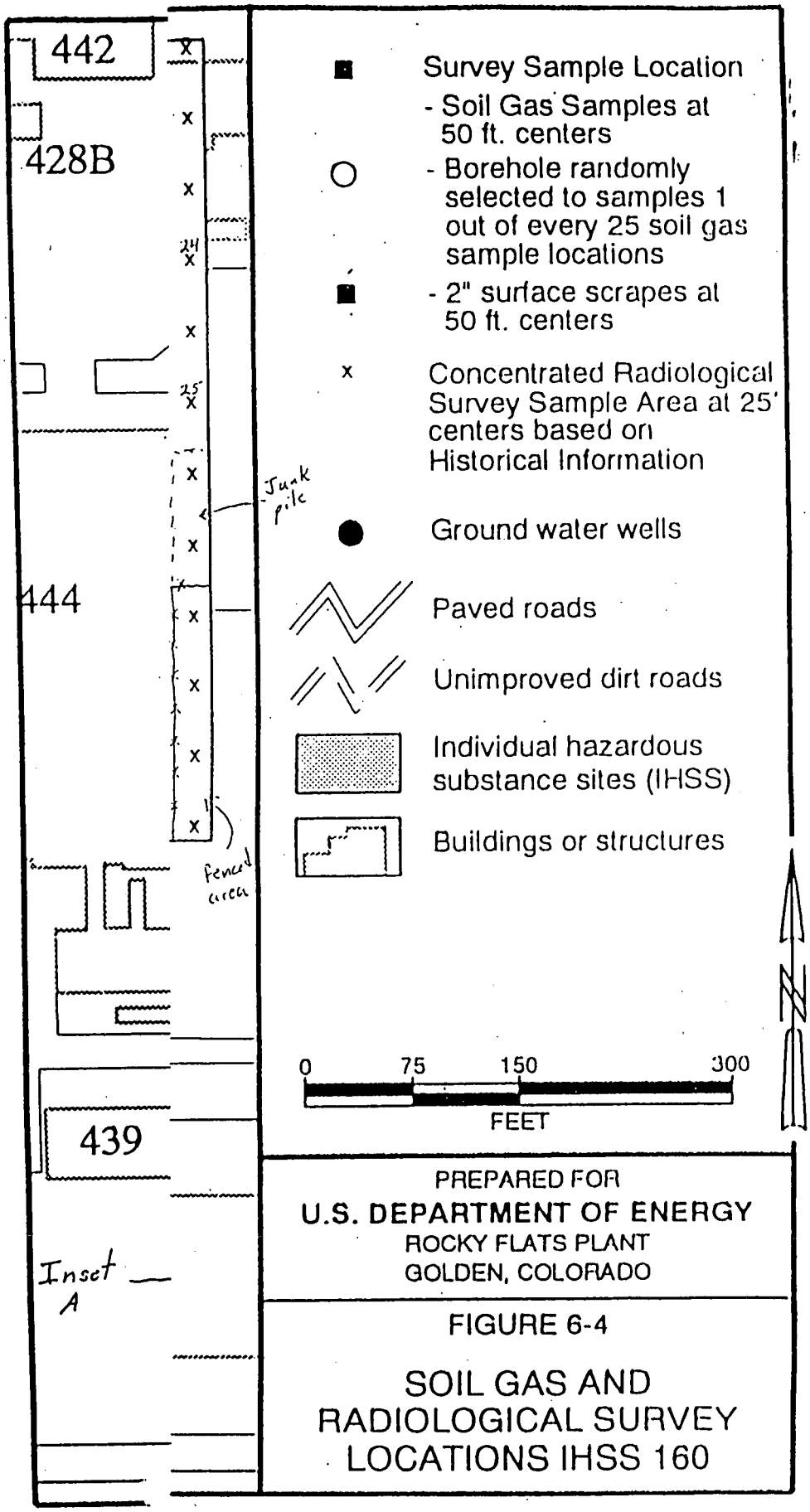
(4006-123-0025) (EG&G6-6.ROI) (11-16-91) (2:32pm)lmb

218

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
23.		2100	2015		50.				
24.	1351	1400	1351		51.				
25.		1500	1409		52.				
26.		1700	1688		53.				
27.		1800	1764		54.				
28.		1400	1854		55.				
29.		1800	1906		56.				
30.					57.				
31.					58.				
32.					59.				
33.					60.				
34.					61.				
35.					62.				
36.					63.				
37.					64.				
38.					65.				
39.					66.				
40.					67.				
41.					68.				
42.					69.				
43.					70.				
44.					71.				
45.					72.				
46.					73.				
47.					74.				
48.					75.				
49.					76.				



PREPARED FOR
U.S. DEPARTMENT OF ENERGY
ROCKY FLATS PLANT
GOLDEN, COLORADO

FIGURE 6-4

SOIL GAS AND RADIOLOGICAL SURVEY LOCATIONS IHSS 160

220

Sodium Iodide Survey

OU14 IHSS 161

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: JC Christman SSAN or Emp. # [redacted] Reviewed by: SSAN or Emp. [redacted]

Taken by: _____ Emp. # _____ SSO _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 10-11-94 Building: Bu 14 IHSS

Time: 1030 Room #: 1161

Shift: Day

Survey Description: _____

BICRON FIDLER

	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Mfg:					
Model:	C-5				
Serial #:	AC51m				
Date Perf. Ck:	10-11-94		JC 10-11-94		
Date Calib'd:	11-02-93				
Cal. Due Date:	11-94				

Site #	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
2319 1.	1516	1500	1447	N
2318 2.	1920	1800	1844	N
2317 3.	1917	1900	1900	N
2316 4.	1994	1900	1885	N
2315 5.	1497	1400	1393	N
2311 6.	1740	1800	1678	N
2313 7.	1397	1400	1387	N
2312 8.	1668	1700	1640	N
9.				
10.	JC 10-11-94			
11.				

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
12.				
13.				
14.				
15.				
16.				
17.		10-11-94		
18.	JC			
19.	JC			
20.				
21.				
22.				

222

FORM 6.6A

 JHC 10/12/94

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: JL Christman SSAN or Emp. # [redacted] Reviewed by: SSO [signature] SSAN or Emp. # [redacted]

Taken by: _____ Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 10-12-94 Building: 2114 + HSS

Time: 0740 Room #: 761

Shift: Day

Survey Description: _____

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G-5				
Serial #:	A051M				
Date Perf. Ck:	10-12-94				
Date Calib'd:	11-02-93				
Cal. Due Date:	11-94				

JHC 10-12-94

Site #	BKG	c/m METER	SCALER	AREA POSTED (Y/N)	Site #	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
2314 1.	1613	1600	1603	N	2320 12.	1317	1300	1283	N
2310 2.	1804	1800	1757	N	13.				
2309 3.	1647	1700	1638	N	14.				
2306 4.	2647	2700	2540	N	15.				
2307 5.	2727	2700	2583	N	16.				
2302 6.	2698	2600	2564	N	17.				
2325 7.	1191	1200	1160	N	18.				
2324 8.	1260	1300	1188	N	19.				
2323 9.	1233	1300	1220	N	20.				
2322 10.	1375	1400	1327	N	21.				
2321 11.	1364	1400	1335	N	22.				

JHC 10-12-94

223

FORM 6.6A

 JHC 10/13/94

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: J. Christman SSAN or Emp. [redacted] Reviewed by: [signature]

Taken by: _____ Emp. # _____ SSO [signature] SSAN or Emp. [redacted]

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 10-13-94 Building: OU 14 IHSS

Time: 0900 Room #: 141

Shift: Day

Survey Description: _____

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G-5				
Serial #:	A051M				
Date Perf. Ck:	10-13-94				
Date Calib'd:	11-2-93				
Cal. Due Date:	11-94				

JHC 10-13-94

Site #		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
2300	1.	1749	1700	1716	N
2298	2.	1607	1500	1598	N
2303	3.	1602	1500	1477	N
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				
	14.				
	15.				
	16.				
	17.				
	18.				
	19.				
	20.				
	21.				
	22.				

JHC 10-13-94

224

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: [signature] SSAN Emp. [redacted] Reviewed by: [signature] SSAN Emp. [redacted]

Taken by: _____ Emp. # _____ SSO _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 10-14-94 Building: OU 12 14

Time: 1200 Room #: #HSS 161 117.2

Shift: Day

Survey Description: _____

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G-5				
Serial #:	B388A				
Date Perf. Ck:	10-14-94				
Date Calib'd:	9-19-94				
Cal. Due Date:	9-95				

JDC 10-14-94

Site#		BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
2305	1.	1575	1600	1485	N	12.				
2301	2.	1418	1400	1414	N	13.				
1483	3.	1518	1500	1493	N	14.				
1482	4.	1665	1600	1600	N	15.				
1457	5.	1497	1500	1481	N	16.				
1481	6.	1588	1600	1558	N	17.				
1480	7.	1714	1800	1691	N	18.				
	8.					19.				
	9.					20.				
	10.					21.				
	11.					22.				

JDC 10-14-94

JDC 10-14-94

225

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: JH Christman SSA [redacted] Emp. [redacted] viewed by: SSA [redacted] Emp. [redacted]

Taken by: _____ Emp. # _____ SSO [signature] 11/21/94

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 11-16-94 Building: DU 13 E 14 IHSS 160

Time: 0900 Room #: 161 117.1

Shift: Days

Survey Description: _____

BICRON FIDLER

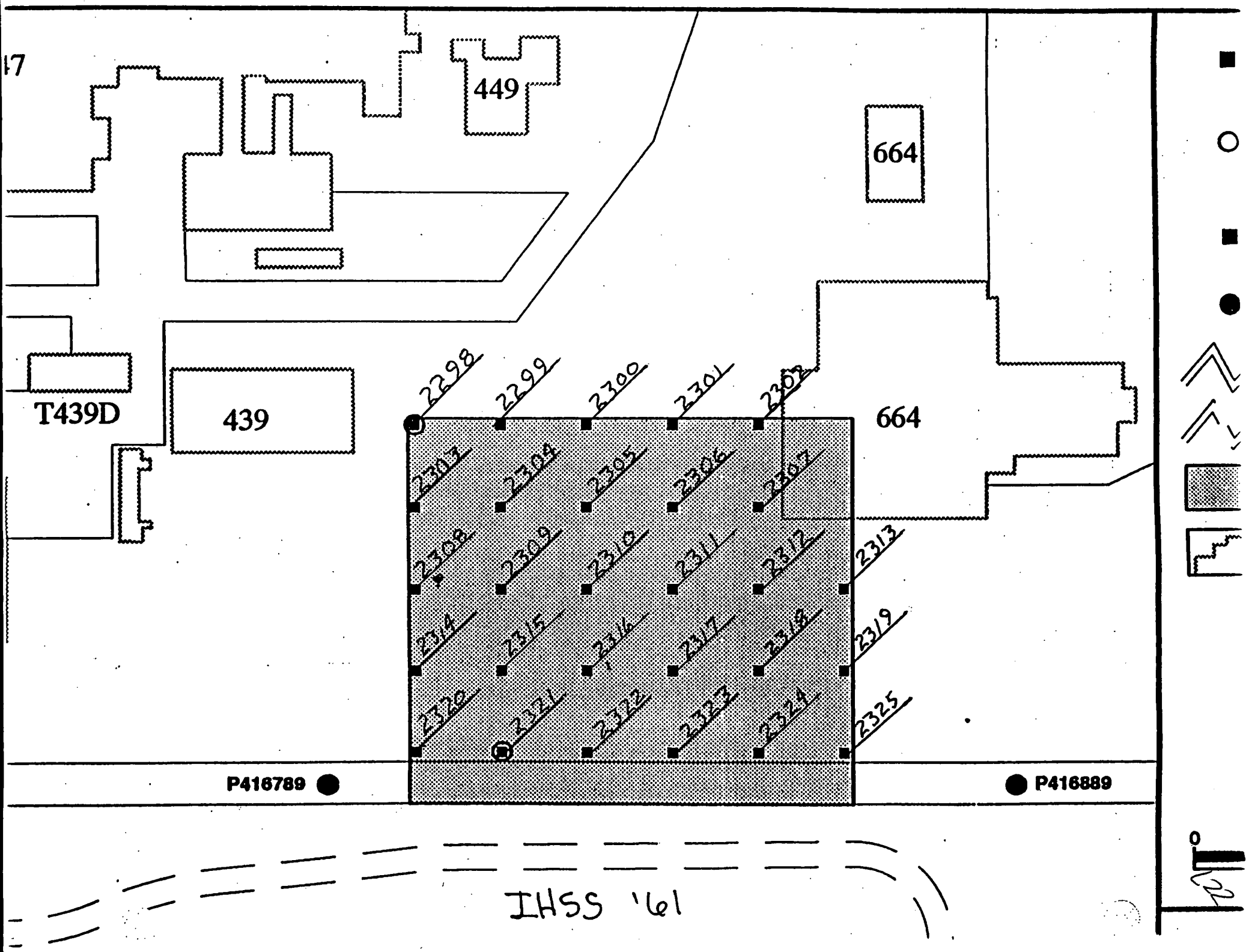
Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G-5				
Serial #:	B388A				
Date Perf. Ck:	11-16-94		JHC 11-16-94		
Date Calib'd:	9-19-94				
Cal. Due Date:	9-95				

Site #		BKG	c/m METER	SCALER	AREA POSTED (Y/N)		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
2304	1.	1466	1500	1462	N	12.				
2299	2.	1566	1600	1548	N	13.				
JHC ~~1342~~	3.					14.				
11/16/94 2308	4.	1342	1400	1434	N	15.				
2229	5.	1605	1600	1548	N	16.				
1267	6.	1249	1300	1314	N	17.				
1280	7.	1341	1400	1258	N	18.				
1279	8.	1412	1400	1334	N	19.				
1268	9.	1284	1300	1247	N	20.				
	10.					21.				
	11.					22.				

JHC 11/16/94

JHC 11-16-94

226


449
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2324
2325
P416789
P416889
IHSS '61

E [illegible] 4 SITE [illegible] SITE [illegible]

D 1889 SCALER BKGD 1922 SCALER BKGD 1923 SCALER

D 1900 METER BKGD 1900 METER BKGD 1900 METER

TE 09/19/94 / 1404 TIME DATE 09/19/94 / 1410 TIME DATE 9/22/94 TIME

PRE-ACTIVITY

CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician: P. Mandabis / C. Hannaman
Meter Model No.- S/N B388A
Detector Model No.- S/N B773K
Cal. Due Date 09/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Gross Count Rate (cpm) X-RAY	Net Count Rate (cpm) α	Net Count Rate (cpm) X-RAY	Total Activity (dpm 100 cm²) α	Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Gross Count Rate (cpm) β/γ	Net Count Rate (cpm) α	Net Count Rate (cpm) β/γ	Total Activity (dpm 100 cm²) α	Total Activity (dpm 100 cm²) β/γ	Rel Ye
N/A	SOIL SURFACE	SS451494 (1)	N/A	2706	N/A	817									
		(2)		2596		707									
		(3)		2564		675									
		(4)		2562		673									
		(5)		2466		577									
		SS451294 (1)		2696		774									
		(2)		2600		678									
		(3)		2620		698									
		(4)		2681		759									
		(5)		2537		615									
		SS450194 (1)		1903		-20									
		(2)		1706		-217									
		(3)		1844		-79									
		(4)		2010		+87									
N/A		(5)	N/A	1993	N/A	+70									

N/A

AM 9/18/94

[signature] HSS - 9-23-94

822

TE [illegible] 55449794
D 1742 SCALER
GD 1750 METER
ATE 09/20/94 / 1439 TIME

SITE
BKGD RM 9/20/94 SCALER
BKGD METER
DATE / 1444 TIME

SITE
BKGD RM 9/20/94 SCALER
BKGD METER
DATE / 1450 TIME

PRE-ACTIVITY
CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician
Meter Model No.- S/N
Detector Model No.- S/N
Cal. Due Date

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rel Ye
N/A	SOIL SURFACE	SS449794 (1)	N/A	1674	N/A	-68									
		(2)		1834		92									
		(3)		1767		25									
		(4)		1912		170									
		(5)		1805		63									
N/A			N/A		N/A										

RM 9/20/94

RM 9/20/94

N/A

[illegible] 9-24-94

E [illegible]	SITE [illegible]	SITE [illegible]
D 1852 SCALER	BKGD 2384 SCALER	BKGD 1696 SCALER
GD 1850 METER	BKGD 2400 METER	BKGD 1700 METER
TE 09/19/94 / 1300 TIME	DATE 09/19/94 / 1307 TIME	DATE 09/19/94 / 1315 TIME

PRE-ACTIVITY CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician: R. Mandelkiz P. Hanneman
Meter Model No.- S/N 3288A
Detector Model No.- S/N 3773K
Cal. Due Date 09/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rel Yes
N/A	SOIL SURFACE	SS451694 (1)	N/A	1687	N/A	-165									
		(2)		1808		-44									
		(3)		1692		-160									
		(4)		1767		-85									
		(5)		1665		-187									
		SS451794 (1)		1930		-454									
		(2)		1854		-530									
		(3)		1811		-573									
		(4)		1995		-389									
		(5)		1805		-579									
		SS451894 (1)		1751		55									
		(2)		1840		144									
		(3)		1650		-46									
		(4)		1642		-54									
N/A	SURFACE	(5)	N/A	1579	N/A	-117									

N/A

N/A 9/19/94

9-23-94

E SS45 4
D 1909 SCALER
GD 1900 METER
TE 09/19/94 / 1343 TIME

SITE SS451374
BKGD 2519 SCALER
BKGD 2500 METER
DATE 09/19/94 / 1350 TIME

SITE SS421174
BKGD 2117 SCALER
BKGD 2100 METER
DATE 09/19/94 / 1356 TIME

PRE-ACTIVITY

FORM 1

CONTAMINATION SURVEY

Site Number SEE ABOVE
Technician: B. Mandolakis / L. Hammerman
Meter Model No.- S/N B3884
Detector Model No.- S/N B773K
Cal. Due Date 09/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma βγ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) βγ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) βγ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) βγ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) βγ	Rel Yc
N/A	SOIL SURFACE	SS451594 (1)	N/A	2465	N/A	556									
		(2)		2260		351									
		(3)		2331		422									
		(4)		2318		409									
		(5)		2194		285									
		SS451394 (1)		2661		142									
		(2)		2805		286									
		(3)		2675		156									
		(4)		2579		60									
		(5)		2703		184									
		~~SS451194~~ (1)		2088		-29									
		(2)		1988		-129									
		(3)		2077		-40									
		(4)		1888		-229									
N/A	[illegible]	(5)	N/A	1977	N/A	-140									

N/A

9-24-94 RSS

E	[illegible]		SITE	[illegible]		SITE	[illegible]	
D	1873	SCALER	BKGD	1613	SCALER	BKGD	1527	SCALER
GD	1900	METER	BKGD	1600	METER	BKGD	1500	METER
ITE	09/20/94 / 1235	TIME	DATE	09/20/94 / 1241	TIME	DATE	09/20/94 / 1248	TIME

PRE-ACTIVITY

CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician: P. Manilakis P. Hanneman
Meter Model No.- S/N B388A
Detector Model No.- S/N B733K
Cal. Due Date 09/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rel Y
N/A	SOIL SURFACE	SS450794 (1)	N/A	1811	N/A	-62									
		(2)		1788		-85									
		(3)		1784		-89									
		(4)		1737		-136									
		(5)		1858		-15									
		SS450894 (1)		1832		219									
		(2)		1684		71									
		(3)		1817		204									
		(4)		1845		232									
		(5)		1865		252									
		SS450994 (1)		1730		203									
		(2)		1627		100									
		(3)		1668		141									
		(4)		1688		161									
N/A	[illegible]	(5)	N/A	1640	N/A	113									

N/A

RM 9/20/94

9-23-94 HSS

E 224 547
D 1739 SCALER
GO 1700 METER
TE 09/20/94 / 1417 TIME

SITE SS751074
BKGD 1784 SCALER
BKGD 1800 METER
DATE 09/20/94 / 1426 TIME

SITE SS750674
BKGD 1896 SCALER
BKGD 1900 METER
DATE 09/20/94 / 1433 TIME

PRE-ACTIVITY CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician: P. Hannemann, R. Mandelis
Meter Model No.- S/N B388A
Detector Model No.- S/N B273K
Cal. Due Date 07/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rel
N/A	SOIL SURFACE	SS450694 (1)	N/A	1468	N/A	-271									Ye
		(2)		1371		-368									
		(3)		1526		-213									
		(4)		1463		-276									
		(5)		1516		-223									
		SS457094 (1)		1599		-185									
		(2)		1689		-95									
		(3)		1609		-175									
		(4)		1646		-138									
		(5)		1598		-186									
		SS450694 (1)		1742		-154									
		(2)		1915		19									
		(3)		1872		-24									
		(4)		1858		-38									
N/A	SOIL SURFACE	(5)	N/A	1977	N/A	81									

N/A

PM 9/23/94

9-23-94

E [illegible] 14 | SITE [illegible] | SITE [illegible]

D 1624 SCALER | BKGD 1486 SCALER | BKGD 1375 SCALER

D 1600 METER | BKGD 1500 METER | BKGD 1400 METER

TE 09/21/94 / 0839 TIME | DATE 09/21/94 / 0845 TIME | DATE 09/21/94 / 0852 TIME

PRE-ACTIVITY

CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician: R. MANOLAKIS
Meter Model No.- S/N B388A
Detector Model No.- S/N B773K
Cal. Due Date 09/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rel Ye
N/A	SOIL SURFACE	SS449594 (1)	N/A	1386	N/A	-238									
		(2)		1385		-239									
		(3)		1550		-74									
		(4)		1482		-142									
		(5)		1402		-222									
		SS450094 (1)		1455		-31									
		(2)		1321		-165									
		(3)		1440		-46									
		(4)		1356		-130									
		(5)		1340		-146									
		SS449694 (1)		1306		-69									
		(2)		1389		14									
		(3)		1293		-82									
		(4)		1338		-37									
N/A	S	(5)	N/A	[illegible]	N/A	[illegible]									

N/A

[illegible] 9-24-94

TE	SS45 94	SITE	SS449994	SITE	SS449994
D	1312 SCALER	BKGD	1218 SCALER	BKGD	1390 SCALER
GD	1300 METER	BKGD	1200 METER	BKGD	1400 METER
ATE	09/21/94 / 0818 TIME	DATE	09/21/94 / 0825 TIME	DATE	09/21/94 / 0832 TIME

PRE-ACTIVITY
CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician : REBECCA MANOLAKIS
Meter Model No.- S/N B388A
Detector Model No.- S/N B773K
Cal. Due Date 09/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rel Yo
N/A	SOIL SURFACE	SS450494 (1)	N/A	1235	N/A	-77									
		(2)		1267		-45									
		(3)		1269		-43									
		(4)		1475		163									
		(5)		1300		-12									
		SS449994 (1)		1270		52									
		(2)		1248		30									
		(3)		1266		48									
		(4)		1304		86									
		(5)		1394		176									
		SS449494 (1)		1154		-236									
		(2)		1138		-252									
		(3)		1205		-185									
		(4)		1161		-269									
N/A		(5)	N/A	[illegible]	N/A	[illegible]									

N/A

LM 9/21/94

922

[signature] 9-24-94 [illegible]

E [illegible]
D 1878 SCALER
D 1900 METER
TE 09/19/94 / 1322 TIME

SITE [illegible]
BKGD 2977 SCALER
BKGD 3000 METER
DATE 09/19/94 / 1330 TIME

SITE [illegible]
BKGD 1923 SCALER
BKGD 1900 METER
DATE 09/19/94 / 1337 TIME

PRE-ACTIVITY
CONTAMINATION SURVEY

FORM 1

Site Number SEE ABOVE
Technician: R. Mandelco, P. Hannaman
Meter Model No.- S/N B388A
Detector Model No.- S/N B773K
Cal. Due Date 09/95

Date/Time SEE ABOVE
Scaler Background (cpm) SEE ABOVE
Meter Background (cpm) SEE ABOVE
Survey Type ☐ Alpha α ☐ Beta-Gamma β/γ ☒ X-Ray

Page 1 of 1
Technician
Scaler Model No. N/A
Scaler S/N
Cal. Due Date

Smear Number	Item Surveyed	Location Surveyed	Direct Survey: Gross Count Rate (cpm) α	Direct Survey: Gross Count Rate (cpm) X-RAY	Direct Survey: Net Count Rate (cpm) α	Direct Survey: Net Count Rate (cpm) X-RAY	Direct Survey: Total Activity (dpm 100 cm²) α	Direct Survey: Total Activity (dpm 100 cm²) β/γ	Smear Survey: Gross Count Rate (cpm) α	Smear Survey: Gross Count Rate (cpm) β/γ	Smear Survey: Net Count Rate (cpm) α	Smear Survey: Net Count Rate (cpm) β/γ	Smear Survey: Total Activity (dpm 100 cm²) α	Smear Survey: Total Activity (dpm 100 cm²) β/γ	Rel Yo
N/A	SOIL SURFACE	SS451994 (1)	N/A	2223	N/A	345									
		(2)		1779		-99									
		(3)		1669		-209									
		(4)		1706		-172									
		(5)		1719		-159									
		SS452094 (1)		1661		-1316									
		(2)		1752		-1225									
		(3)		1669		-1308									
		(4)		1660		-1317									
		(5)		1685		-1292									
		SS452194 (1)		1526		-397									
		(2)		1750		-173									
		(3)		1702		-221									
		(4)		1597		-326									
N/A	SURFACE	(5)	N/A	1905	N/A	-18									

N/A

RM 9/19/94

9-24-94

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: R. Manolakis SSAN or Emp. # _____ Reviewed by: [signature] SSAN or [redacted]

Taken by: _____ Emp. # _____ SSO [signature] Emp. # [redacted]

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 09/20/94 Building: 664 WOF

Time: 1445 Room #: _____

Shift: _____

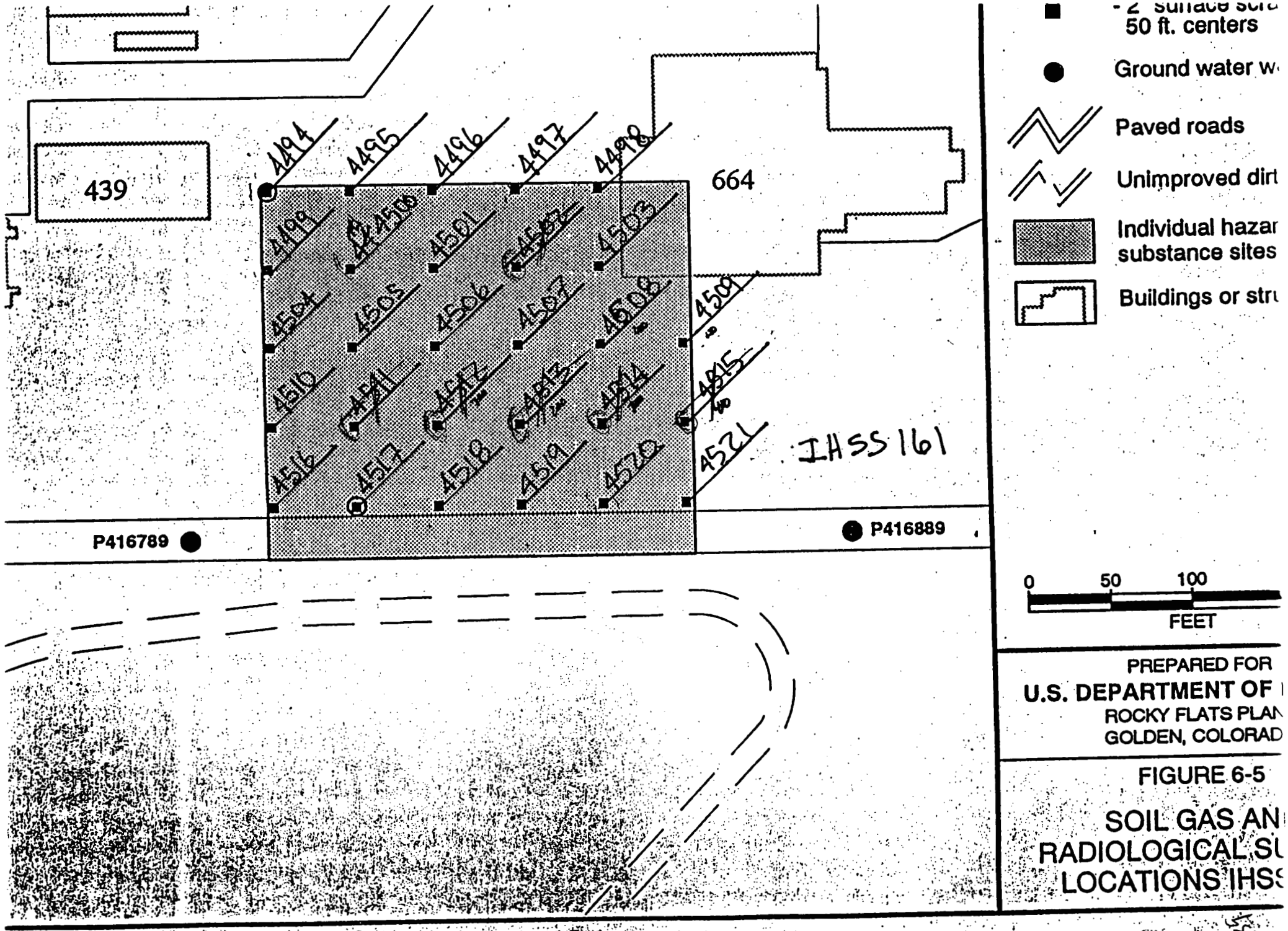
Survey Description: DU 14 IHSS 161

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	LVIDLUM				
Serial #:	B388A				
Date Perf. Ck:	09/20/94		9/20/94		
Date Calib'd:	09/19/94				
Cal. Due Date:	09/95				

SITE		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
SS450294	1.	1763	1763	2643	N
	2.				
	3.				
	4.				
	5.				
	6.		9/20/94		
	7.				
	8.				
	9.				
	10.				
	11.				
	12.				
	13.				
	14.				
	15.				
	16.				
	17.		9/20/94		
	18.				
	19.				
	20.				
	21.				
	22.				

238



PREPARED FOR
U.S. DEPARTMENT OF
ROCKY FLATS PLAN
GOLDEN, COLORAD

FIGURE 6-5

SOIL GAS AN
RADIOLOGICAL SU
LOCATIONS IHS

Sodium Iodide Survey

OU14 IHSS 162

240

ORIGINAL

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: T. Waddle SSAN or Emp. # [redacted] Reviewed by: SSAN or Emp. #

Taken by: J. Miyagishima Emp. # [redacted] SSO Emp. #

Taken by: Emp. # Name/Organization Emp. #

Date: 7-7-94 Building: 1HSS 162

Time: 0940 Room #:

Shift:

Survey Description:

BICRON FIDLER

	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Mfg:					
Model:	6-5				
Serial #:	6388A				
Date Perf. Ck:	7-7-94				
Date Calib'd:	9-20-93				
Cal. Due Date:	9-94				

	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE		BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
1.	2396	2900	2897	2600	12.	2981	1900	1976	2500
2.		2400	2392	2800	13.		2600	2619	3000
3.		2400	2425	3000	14.		2500	2482	4000
4.		2300	2279	2900	15.		5000	4615	9000
5.	2424	2400	2450	2700	16.	10206	6000	6072	9000
6.		2100	2287	2500	17.	N/A	8000	7901	10,000
7.		2200	2256	2600	18.		8000	6554	15,000
8.	2334	2300	2127	2600	19.		7000	7162	10,000
9.		2300	2366	~~2300~~ 2700	20.		2300	2255	N/A
10.		2400	2317	~~2300~~ 2500	21.		1800	1786	
11.		2100	2101	2500	22.		1800	1797	

Time 1345

241

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
23.	N/A	1900	1887	N/A
24.		2000	2053	
25.		2100	2153	
26.		1800	1827	
27.		2300	1923	
28.		1800	1842	
29.		2200	2197	
30.		2500	2340	
31.		3000	2675	
32.		4500	3968	
33.		2500	2438	
34.		5800	4154	
35.		4000	3986	
36.		3000	3261	
37.		2700	2697	
38.		2700	2765	
39.		3000 ~~3200~~	3003 ~~3265~~	
40.		3200	3263	
41.		3400	3400	
42.		3700	3765	
43.		3600	3492	
44.		3500	3328	
45.		5500	3854	
46.		3700	3708	
47.		2200	2210	
48.		2300	2220	
49.		1800	1692	

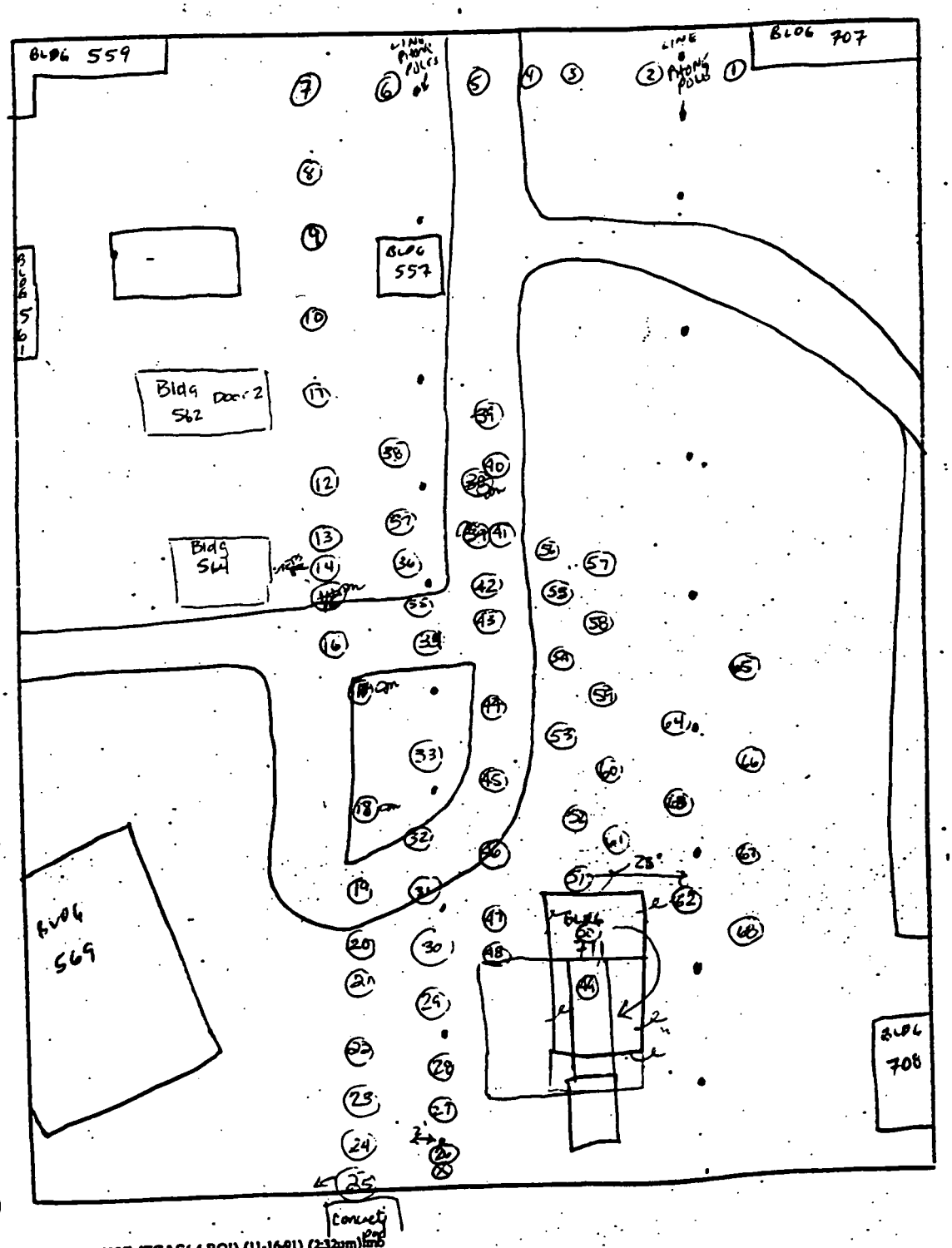
	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
50.	N/A	2300	2333	N/A
51.		2200	1889	
52.		2500	2726	
53.		2300	2325	
54.		2300	2343	
55.		1800	1878	
56.		2200	2400	
57.		2000	2098	
58.		2000	2170	
59.		2100	2140	
60.		1800	1896	
61.		1800	1845	
62.		1900	1928	
63.		1900	1991	
64.		2100	2175	
65.		2000	1989	
66.		2100	2150	
67.		2000	2006	
68.		2000	1974	
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				

242

GAMMA SURVEY

CONTROL NO. SPECIAL

AREA OR EQUIPMENT DRAWING SHOWING SURVEY POINTS



IHSS 162

243

ORIGINAL

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: T. Waddle SSAN or Emp. [redacted] Reviewed by: SSAN or

Taken by: J. Miyagishima Emp. [redacted] SSO _____ Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 7-7-94 Building: 1HSS 162

Time: 0940 Room #: _____

Shift: _____

Survey Description: _____

BICRON FIDLER

	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Mfg:					
Model:	6-5				
Serial #:	6358A				
Date Perf. Ck:	7-7-94				
Date Calib'd:	9-20-93				
Cal. Due Date:	9-94				

	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
1.	2396	2900	2897	2600
2.		2400	2392	2800
3.		2400	2425	3000
4.		2300	2279	2900
5.	2424	2400	2450	2700
6.		2100	2387	2500
7.		2300	2256	2600
8.	2334	2300	2127	2600
9.		2300	2366	~~2700~~ 2700
10.		2400	2317	~~2500~~ 2500
11.		2100	2101	2500

	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
12.	2481	1900	1976	2500
13.		2600	2619	3000
14.		2500	2482	4000
15.		5000	4615	9000
16.	10206	6000	6072	9000
17.	N/A	8000	7901	10,000
18.		8000	6354	15,000
19.		7000	7162	10,000
20.		2300	2255	N/A
21.		1800	1786	
22.		1800	1797	

Time 1345

244

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA ~~POSTED (Y/N)~~ RANGE
23.	N/A	1900	1887	N/A
24.		2000	2053	
25.		2100	2153	
26.		1800	1827	
27.		2300	1923	
28.		1800	1842	
29.		2200	2197	
30.		2500	2340	
31.		3000	2675	
32.		4500	3968	
33.		2500	2038	
34.		5800	4154	
35.		4000	3986	
36.		3000	3261	
37.		2700	2697	
38.		2700	2765	
39.		3000 3200	3003 3265	
40.		3200	3263	
41.		3400	3400	
42.		3700	3765	
43.		3600	3492	
44.		3500	3328	
45.		5500	3854	
46.		3700	3708	
47.		2200	2210	
48.		2300	2320	
49.		1800	1692	

	BKG	c/m METER	SCALER	AREA ~~POSTED (Y/N)~~ RANGE
50.	N/A	2300	2333	N/A
51.		2200	1885	
52.		2800	2726	
53.		2300	2325	
54.		2300	2243	
55.		1800	1878	
56.		2200	2400	
57.		2000	2098	
58.		2000	2170	
59.		2100	2140	
60.		1800	1896	
61.		1800	1845	
62.		1900	1928	
63.		1900	199[illegible]	
64.		2100	2175	
65.		2000	1989	
66.		2100	2150	
67.		2000	2006	
68.		1700	1974	
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				

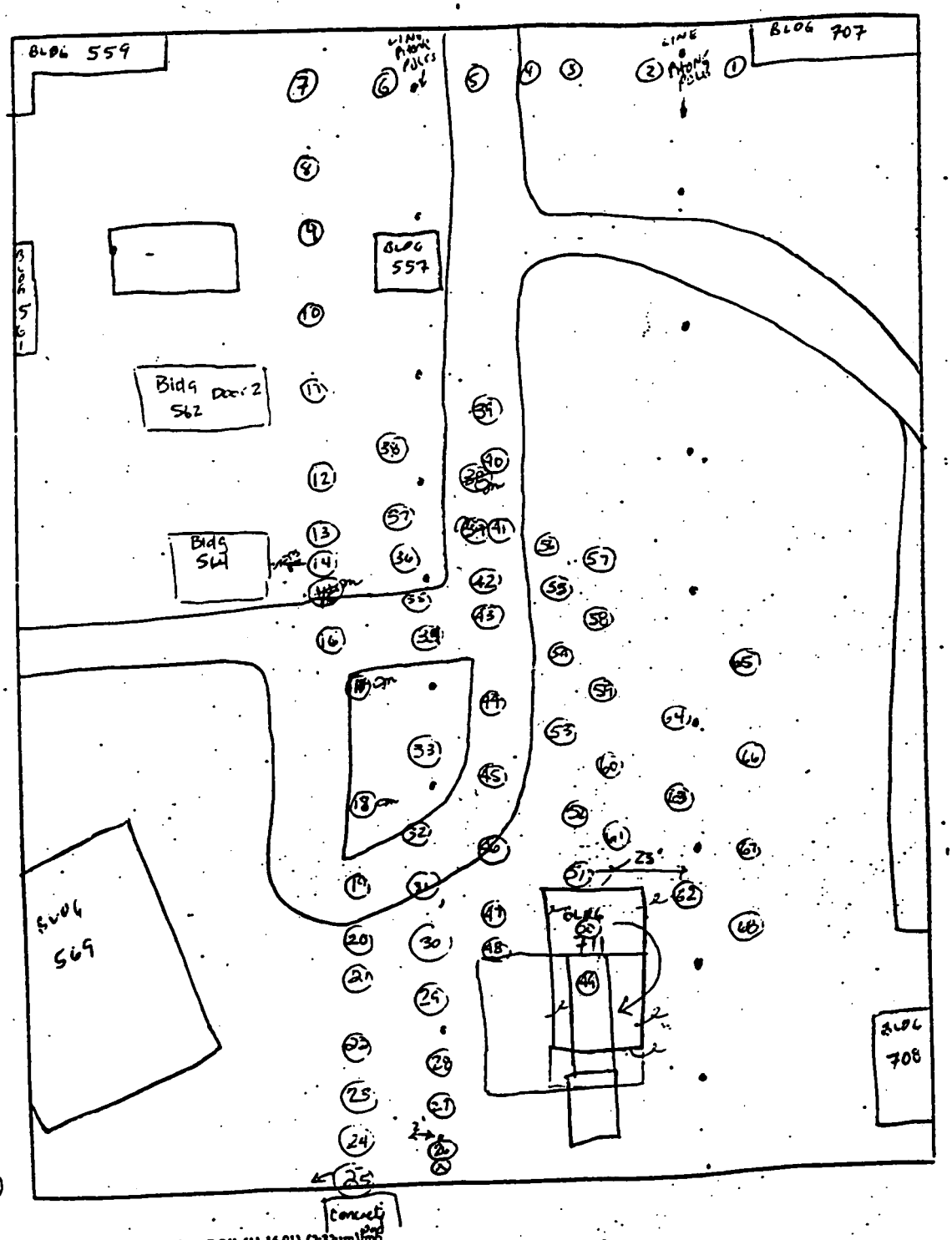
245

FORM 6.6A (Continued)

GAMMA SURVEY

CONTROL NO. SPECIAL

AREA OR EQUIPMENT DRAWING SHOWING SURVEY POINTS



JHSS 162

246

(4006-123-0025) (EG&G6&ROI) (11-16-91) (2:32pm)

ORIGINAL

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: T. Waddle SSAN or Emp. [redacted] Reviewed by:

Taken by: J. Miyagishima Emp. [redacted] SSO _____ SSAN or Emp. # _____

Taken by: _____ Emp. # _____ Name/Organization _____ Emp. # _____

Date: 7-7-94 Building: 11HSS 162

Time: 0940 Room #: _____

Shift: _____

Survey Description: _____

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	6-5				
Serial #:	6388A				
Date Perf. Ck:	7-7-94				
Date Calib'd:	9-20-93				
Cal. Due Date:	9-94				

	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE		BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
1.	2396	2900	2897	2600	12.	2481	1900	1976	2500
2.	↓	2400	2392	2800	13.	↓	2600	2619	3000
3.		2400	2425	3000	14.		2500	2482	4000
4.		2300	2279	2900	15.		5000	4615	9000
5.	2424	2400	2450	2700	16.	10206	6000	6072	9000
6.	↓	2100	2207	2500	17.	N/A	8000	7961	10,000
7.		2200	2256	2600	18.	↓	8000	6554	15,000
8.	2334	2300	2127	2600	19.		7000	7162	10,000
9.	↓	2300	2366	~~2700~~ 2700	20.		2300	2255	N/A
10.		2400	2317	~~2500~~ 2500	21.		1800	1786	↓
11.		2100	2101	2500	22.		1800	1797	

Time 1345

247

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
23.	N/A	1900	1887	N/A
24.		2000	2053	
25.		2100	2153	
26.		1800	1827	
27.		2300	1923	
28.		1800	1842	
29.		2200	2197	
30.		2500	2340	
31.		3000	2675	
32.		4500	3968	
33.		2500	2438	
34.		5800	4154	
35.		4000	3986	
36.		3000	3261	
37.		2700	2697	
38.		2700	2765	
39.		3000 ~~3200~~	3003 ~~3265~~	
40.		3200	3263	
41.		3400	3400	
42.		3700	3765	
43.		3600	3492	
44.		3500	3328	
45.		5500	3854	
46.		3700	3708	
47.		2200	2210	
48.		2300	2226	
49.		1800	1692	

	BKG	c/m METER	SCALER	AREA ~~POSTED~~ ~~(Y/N)~~ RANGE
50.	N/A	2300	2333	N/A
51.		2200	1889	
52.		2800	2721	
53.		2300	2325	
54.		2300	2243	
55.		1800	1878	
56.		2200	2400	
57.		2000	2098	
58.		2000	2170	
59.		2100	2140	
60.		1800	1896	
61.		1800	1845	
62.		1900	1928	
63.		1900	1991	
64.		2100	2175	
65.		2000	1989	
66.		2100	2150	
67.		2000	2006	
68.		1900	1974	
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				

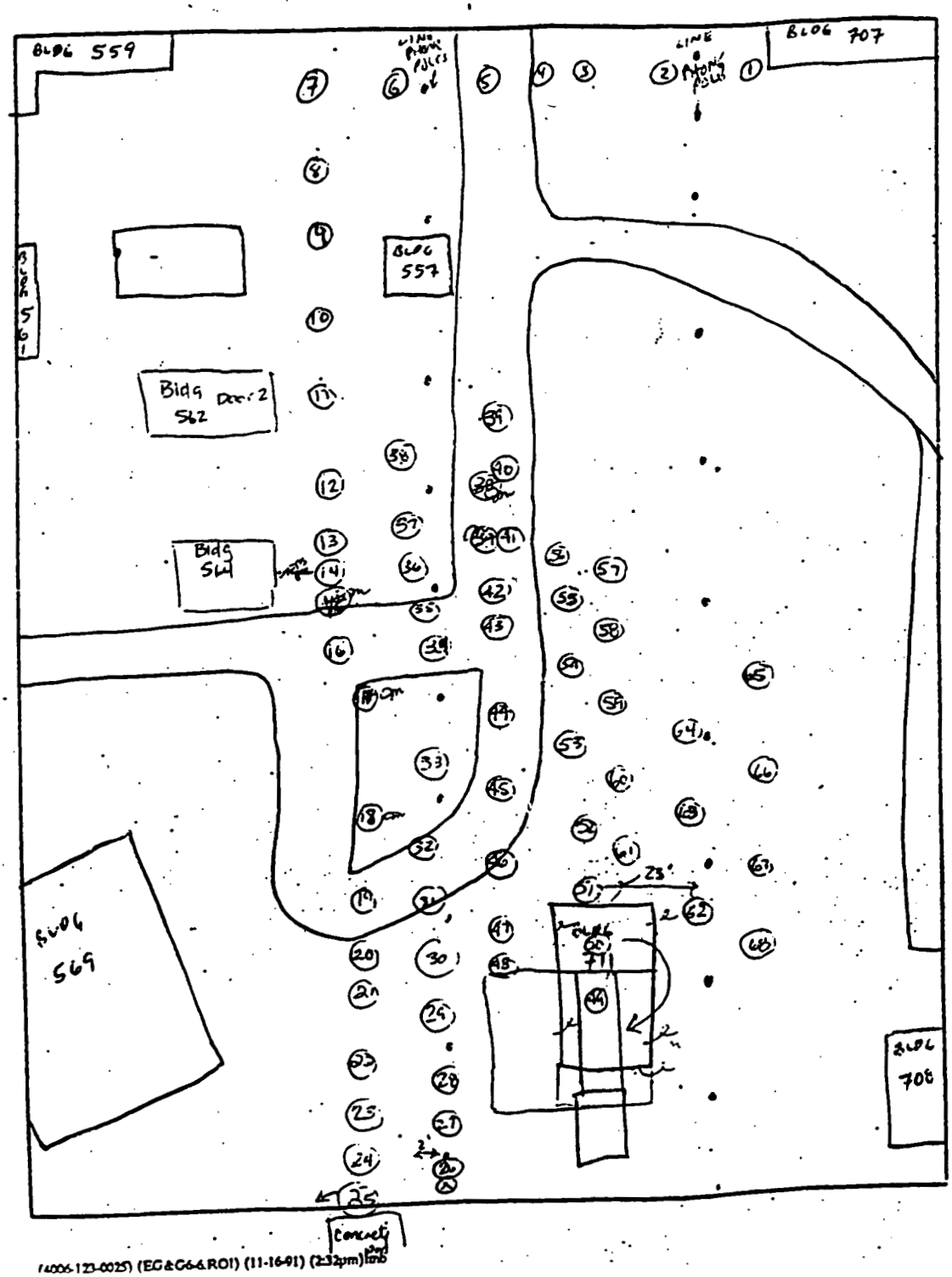
248

FORM 6.6A (Continued)

GAMMA SURVEY

CONTROL NO. SPECIAL

AREA OR EQUIPMENT DRAWING SHOWING SURVEY POINTS

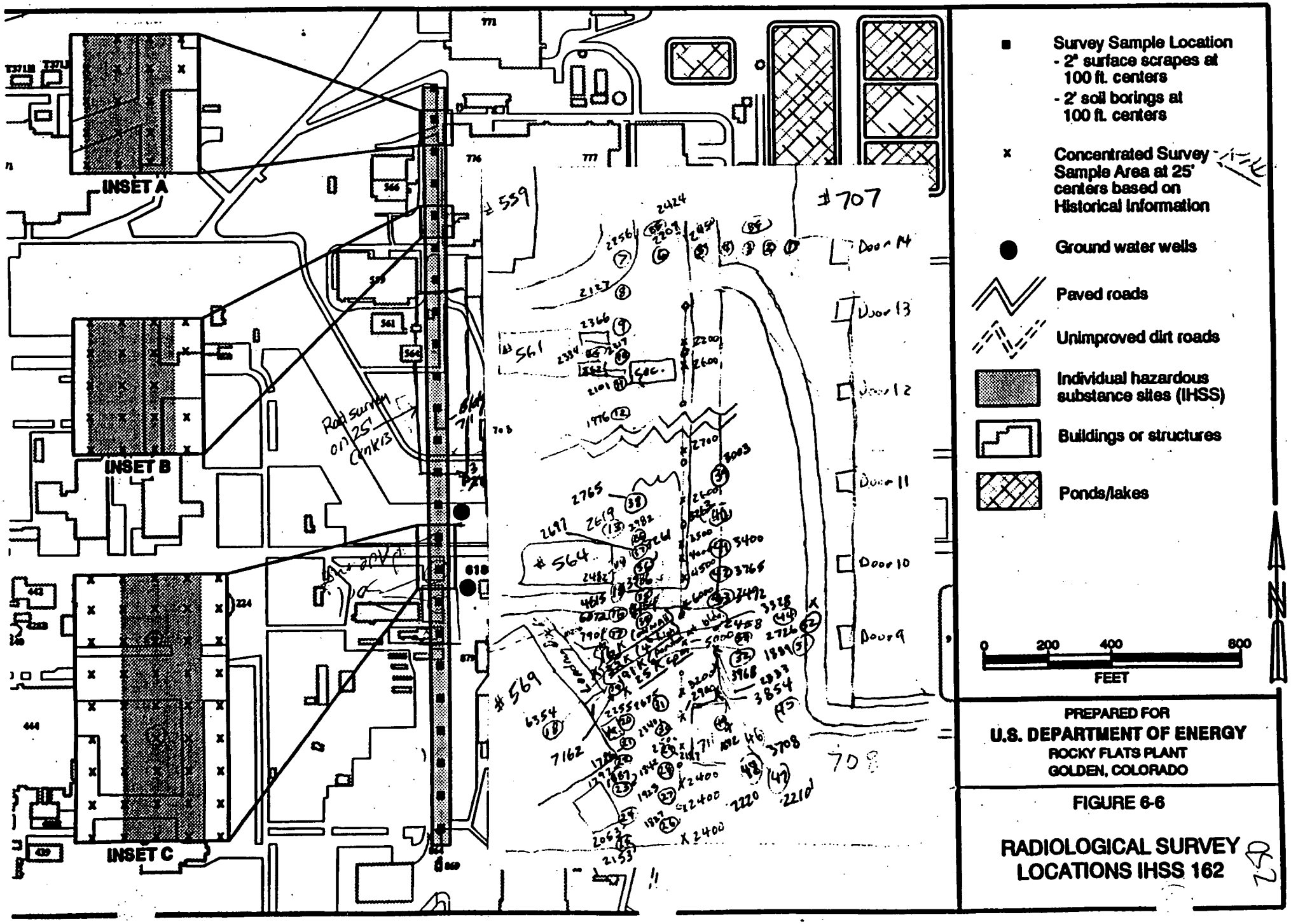


IHSS 162

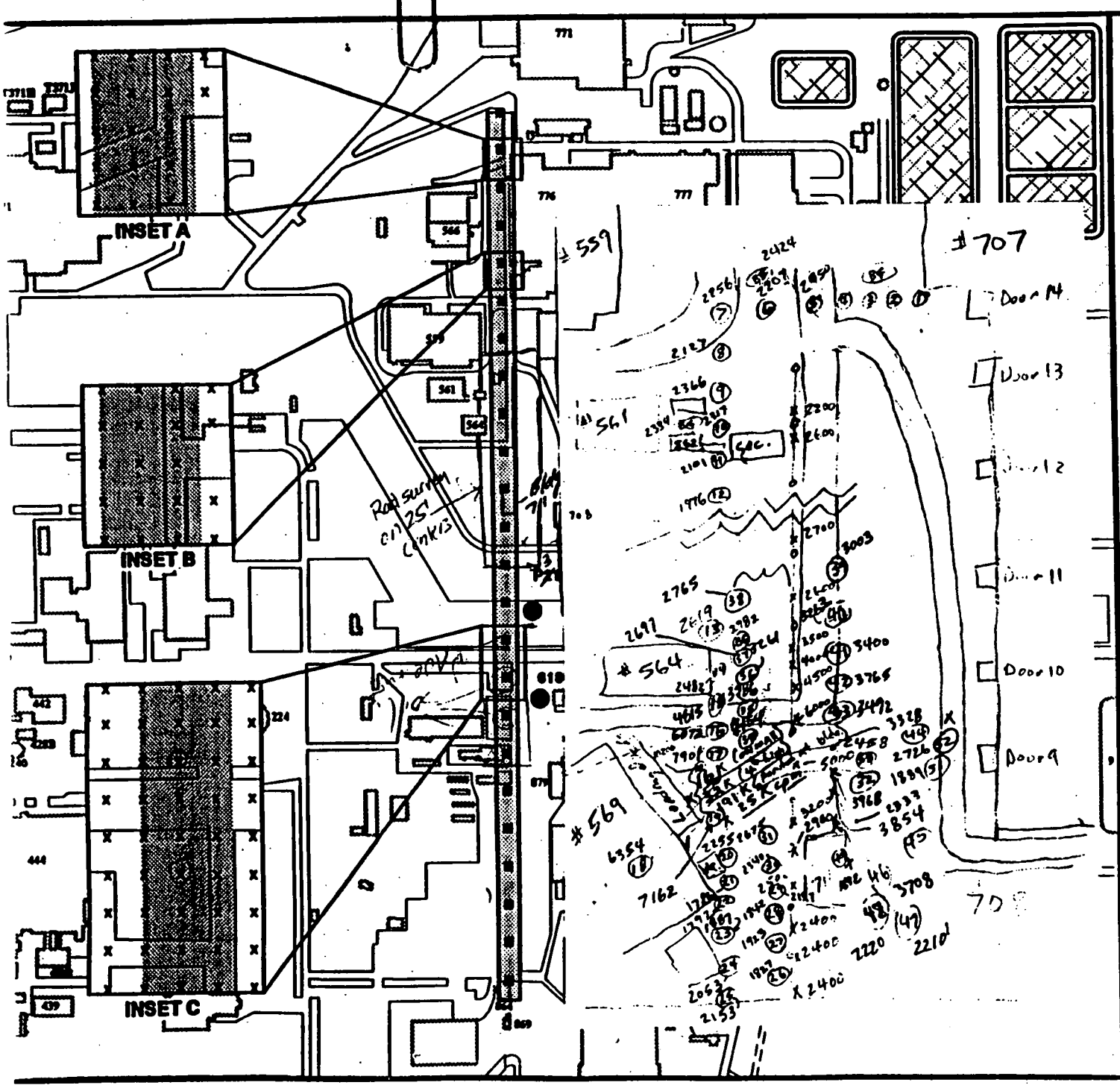
249

(4006-123-0025) (EG&G6.6.R01) (11-16-91) (2:32pm)

FIDLER Readings increased with height above ground surface.



FIDLER Readings measured with height above ground surface.



Survey Sample Location
- 2" surface scrapes at 100 ft. centers
- 2' soil borings at 100 ft. centers

Concentrated Survey Sample Area at 25' centers based on Historical Information

Ground water wells

Paved roads

Unimproved dirt roads

Individual hazardous substance sites (IHSS)

Buildings or structures

Ponds/lakes

0 200 400 600
FEET

PREPARED FOR
U.S. DEPARTMENT OF ENERGY
ROCKY FLATS PLANT
GOLDEN, COLORADO

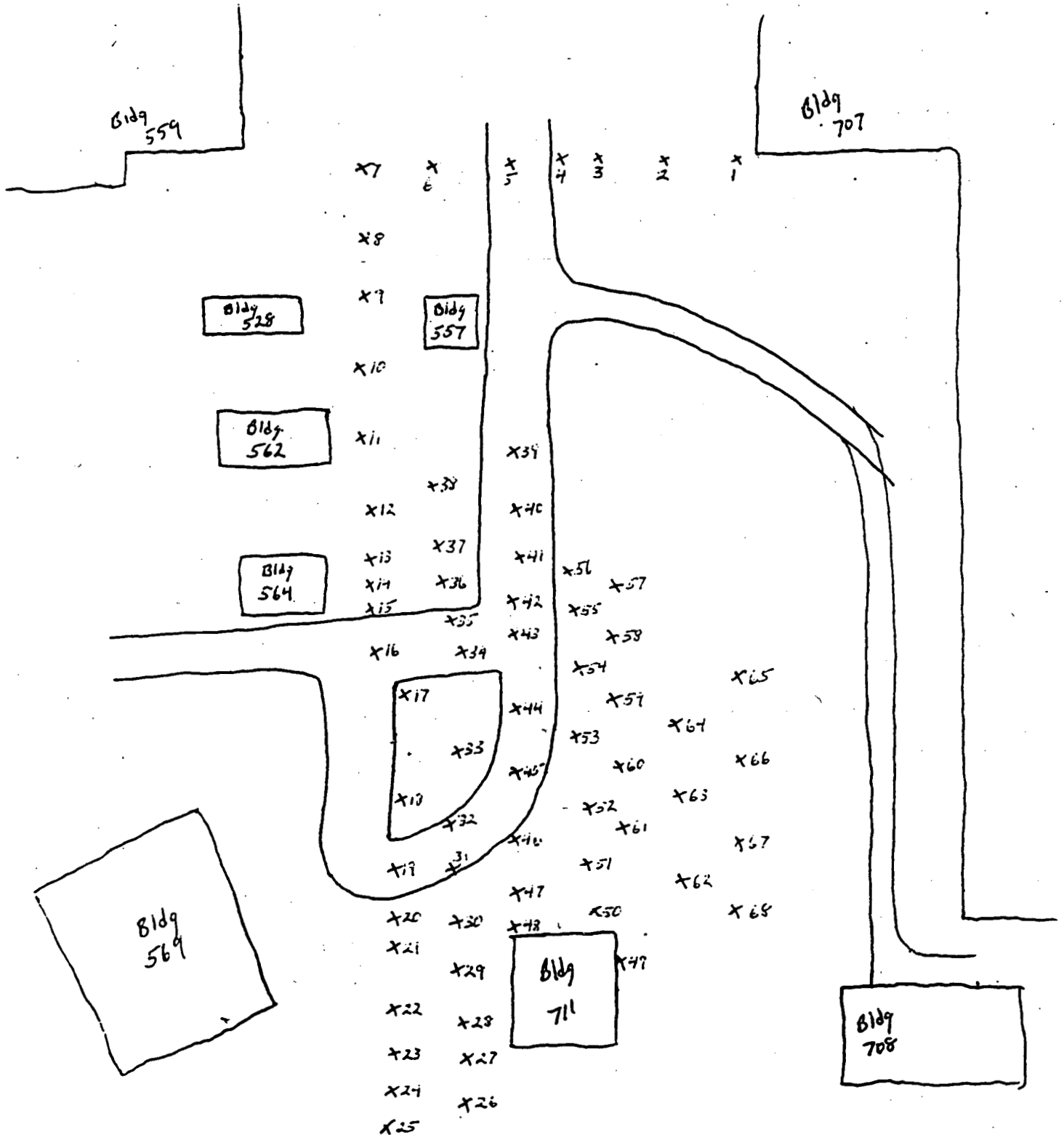
FIGURE 6-6

RADIOLOGICAL SURVEY LOCATIONS IHSS 162

JACOBS ENGINEERING GROUP INC.

DATE _____ SUBJECT _____ SHEET NO. _____

BY _____ CHKD. _____ JOB NO. _____



IH-SS 162

252

PRINTED ON RECYCLED PAPER

FORM 6.6A

GAMMA SURVEY

CONTROL NO. SPECIAL

Taken by: [illegible] SSAN or Emp. # [redacted] Reviewed by:

Taken by: [illegible] Emp. # ____ SSO ____ SSAN or Emp. # ____

Taken by: ____ Emp. # ____ Name/Organization ____ Emp. # ____

Date: 12-15-94 Building: OU8 & 14

Time: 10:00 Room #: IHSS's

Shift: N/A

Survey Description: OU8 AND OU14 NaI SURVEYS IHSS162

BICRON FIDLER

	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Mfg:					
Model:	G-5				
Serial #:	B741Q				
Date Perf. Ck:	12-15-94				
Date Calib'd:	10-7-94				
Cal. Due Date:	10-95				

N/A

		BKG	c/m METER	SCALER	AREA POSTED (Y/N)
150.2-2	1.		2800	2697	
150.2-3	2.	1803	1700	1766	
150.2-4	3.	2546	2300	2286	
150.2-5	4.		1800	1632	
150.2-6	5.		3600	3725	
150.2-7	6.		3000	2946	
150.2-8	7.		3600	2658	
150.6-1	8.	2308	3000	1946	
150.6-2	9.		2900	2135	
150.6-3	10.		2200	2199	
150.6-4	11.		2300	2232	
150.6-5	12.		2200	2202	
150.6-6	13.		2400	2334	
150.6-7	14.	2542	2500	2365	
150.6-8	15.		2400	2350	
150.6-9	16.		2900	2720	
136-10	17.	1972	1700	1742	
136-11	18.		2000	2024	
136-12	19.		1900	1925	
136-13	20.		2800	2332	
	21.	2961	3300	3354	
	22.		3100	2972	

>INSET B

IHSS 162

(4006-123-0025) (EG&G6-6.R01) (11-16-91) (2:32pm)lmb

253

GAMMA SURVEY

CONTROL NO. SPECIAL

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
23.		3000	2897	
24.		2800	2757	
25.		2800	2774	
26.		2600	2646	
27.		2900	2781	
28.		2700	2772	
29.		2000	2932	
30.		3100	3117	
31.		2400	2202	
32.		2100	1960	
33.		1700	1731	
34.		1800	1562	
35.		1630	1638	
36.		2200	2123	
37.	2083	2000	1795	
38.		2500	2344	
39.		2400	2250	
40.		2700	2309	
41.		2400	2379	
42.		2600	2424	
43.		3000	2969	
44.		2100	1872	
45.		2300	2199	
46.		1800	1801	
47.		2000	1863	
48.		2100	1968	
49.		1700	1692	

INSET B

INSET A

	BKG	c/m METER	SCALER	AREA POSTED (Y/N)
50.	2083	1700	1628	
51.		2500	2390	
52.		2000	2161	
53.		1600	1512	
54.		~~2300~~		
55.				
56.				
57.				
58.				
59.				
60.				
61.				
62.				
63.				
64.				
65.				
66.				
67.				
68.				
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				

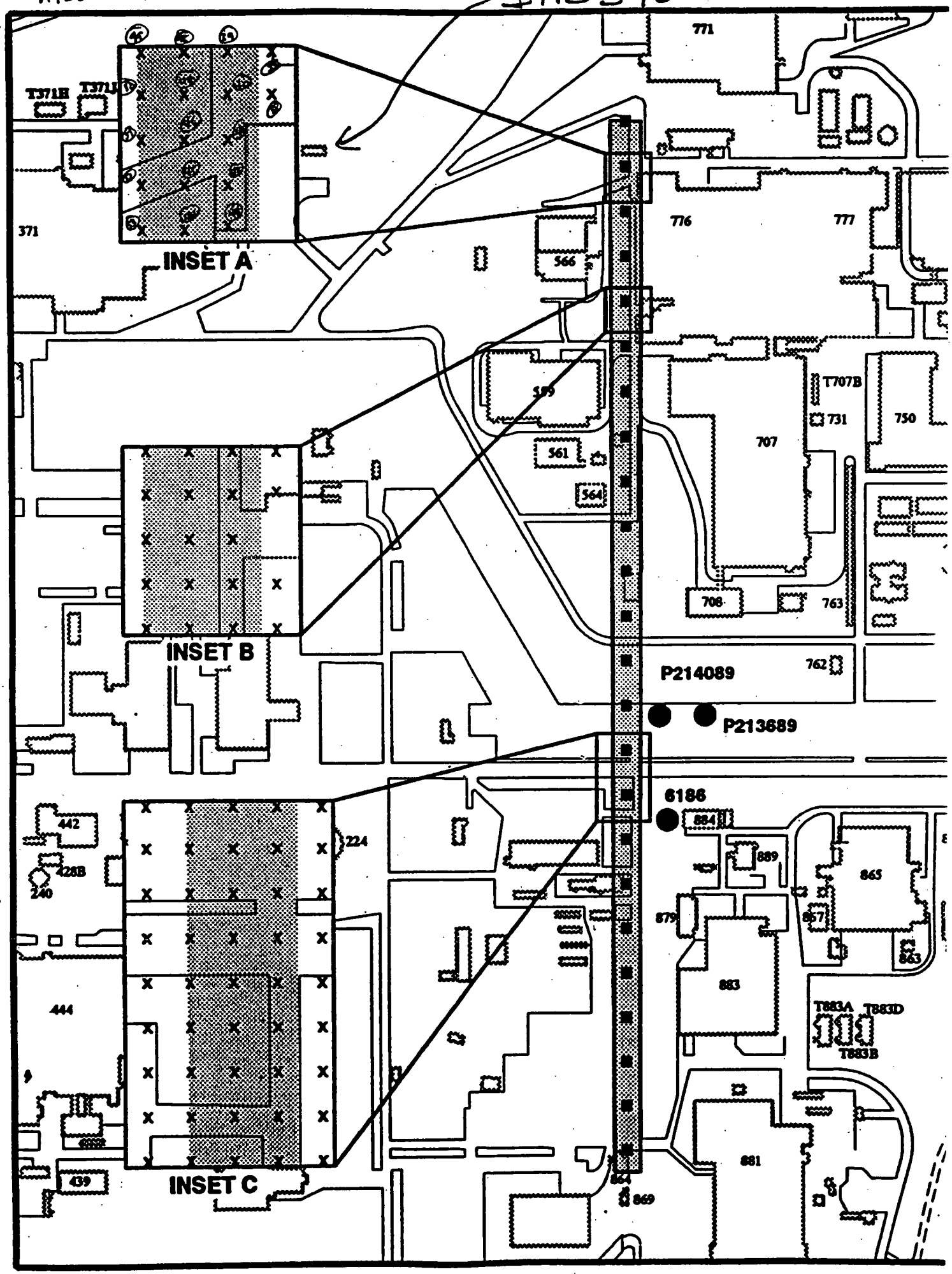
INSET A

0 MB

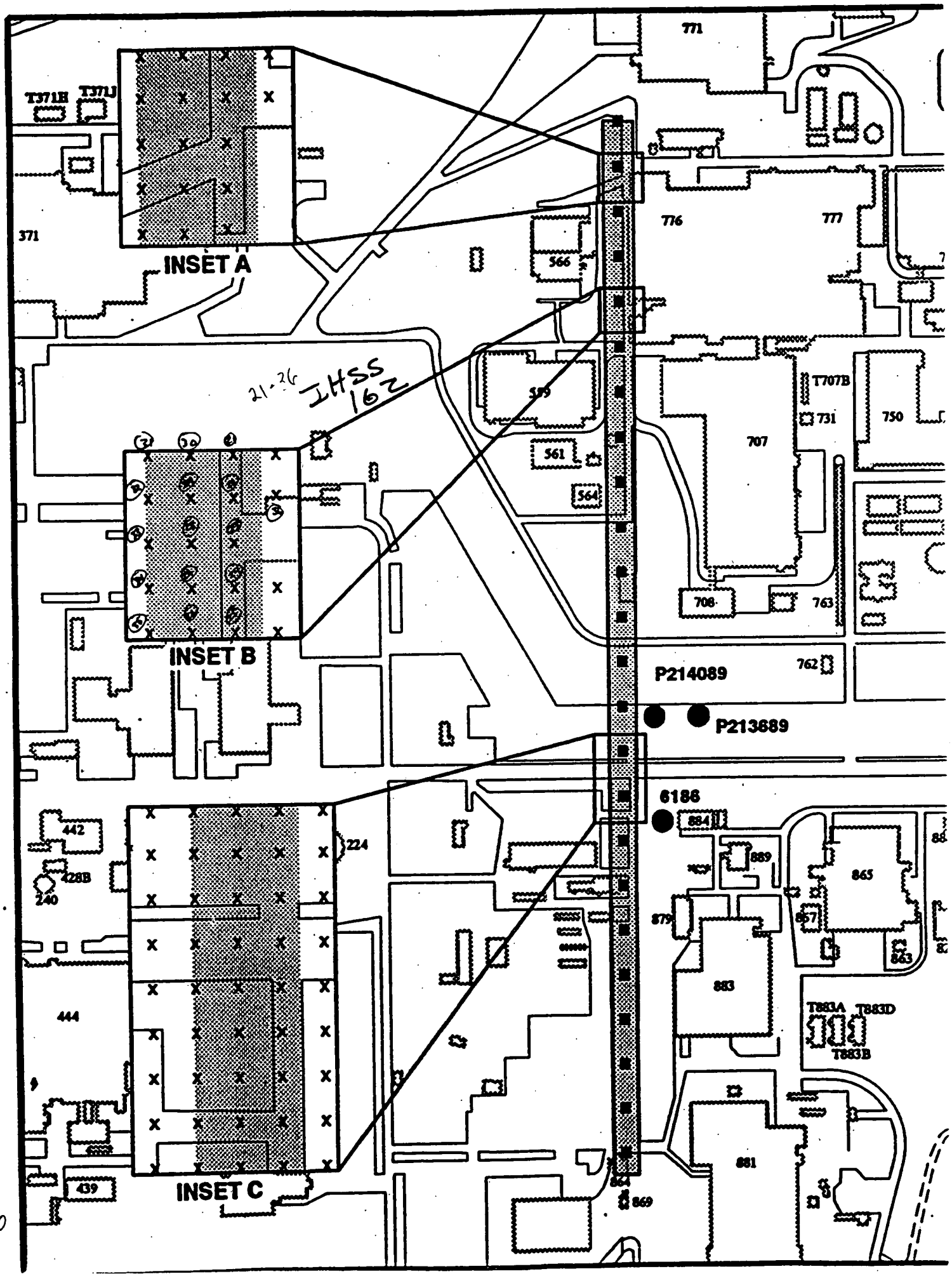
254

IHSS 162

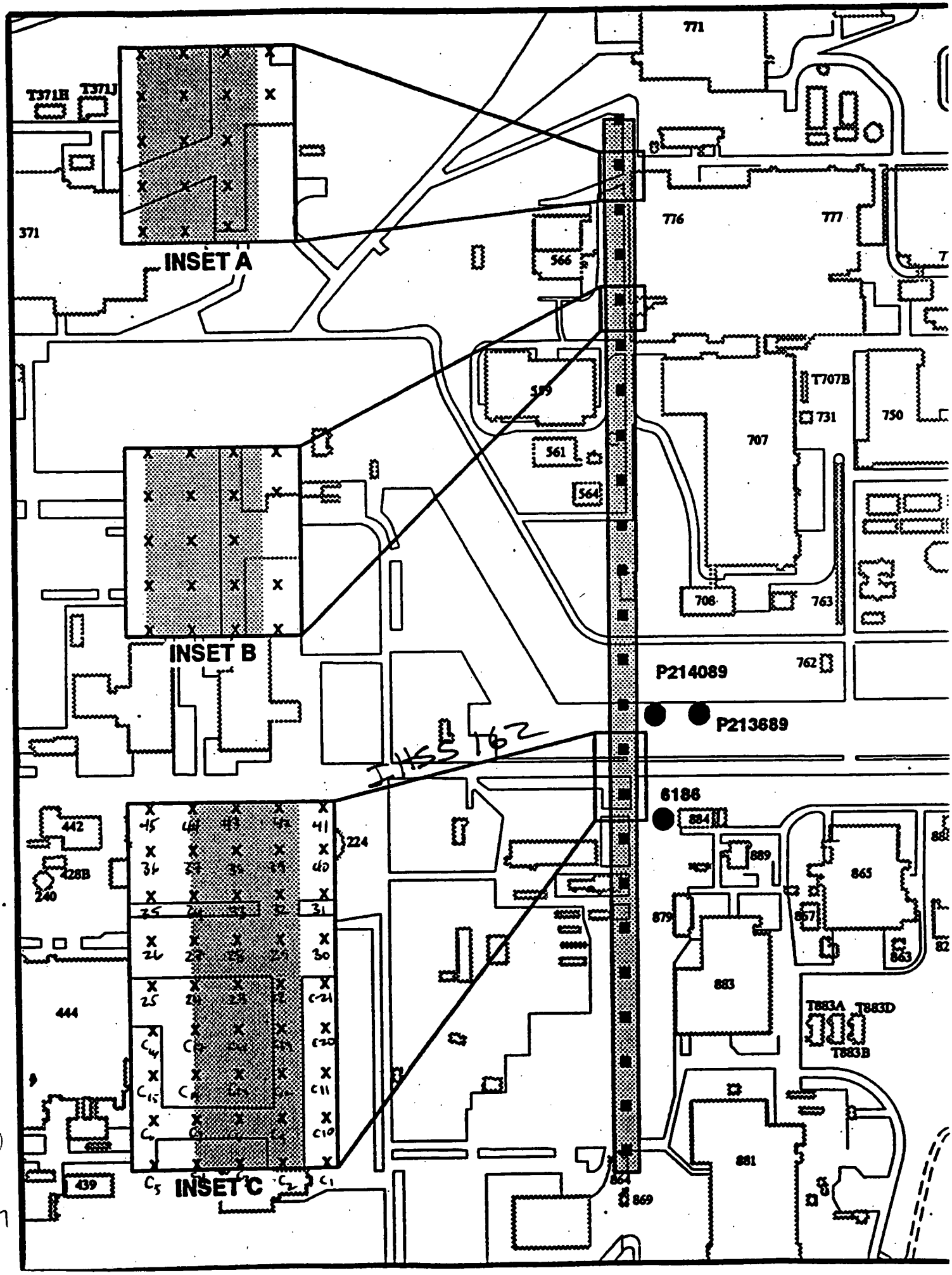
IHSS 162



255


INSET A
INSET B
INSET C
21-26
IHSS
162
P214089
P213689
6186
T371H
T371J
371
771
776
777
566
559
561
564
707
T707B
731
750
708
763
762
442
428B
240
224
444
439
884
889
865
879
857
863
883
T883A
T883D
T883B
881
864
869

256



INSET A
INSET B
INSET C
P214089
P213689
6186
IHSS 162
771
T371H
T371J
371
776
777
566
559
561
564
T707B
731
750
707
708
763
762
884
889
865
879
867
863
883
T883A
T883D
T883B
881
864
869
442
428B
240
224
444
439

257

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: Tom Bond SSAN # [redacted] Reviewed by: _____

Taken by: NA SSAN # NA SSO: _____ SSAN # _____

Taken by: NA SSAN # NA Name/Organization: _____ SSAN # _____

Date: 1/19/95 Building: DU-14

Time: 1300 Room #: 1HSS+62

Shift: DAYS

Survey Description: NaI survey Inst C

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	B7419			1/19/95 1PM	
Date Perf. Ck:	1/19/95		NA		
Date Calib'd:	10/17/94				
Cal. Due Date:	10/95				

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	1	2146	2350	2250	N
2	2		2200	2091	
3	3		2000	1838	
4	4		2100	2040	
5	5		2200	2191	
6	6	2289	2150	1876	
7	7		2100	2069	
8	8		1900	1810	
9	9		2200	1896	
10	10		2350	2308	
11	11	~~1950~~ 1/19/95	~~200~~ 1950 1/19/95	2004	
12	12		2300	2403	
13	13		2100	1930	
14	14		2150	2263	
15	15	2284	2100	2040	
16	16	2156	2200	1909	N
17	17		2100	2038	
18	18		2700	2680	
19	19		2225	2237	
20	20		2200	2337	
21	21	2766	2100	2091	
22	22		2550	2656	
23	23		2250	2220	
24	24		2600	2318	
25	25		~~2500~~ 2150 1/19/95	~~2480~~ 2136 1/19/95	
26	26	2511	~~2600~~ 2600 1/19/95	~~2550~~ 2480 1/19/95	
27	27		~~2450~~ 2450 1/19/95	~~2348~~ 2550 1/19/95	
28	28		~~2300~~ 2450 1/19/95	~~2290~~ 2348 1/19/95	
29	29		~~2600~~ 2300 1/19/95	~~2463~~ 2290 1/19/95	
30	30		2600	2463	N

258

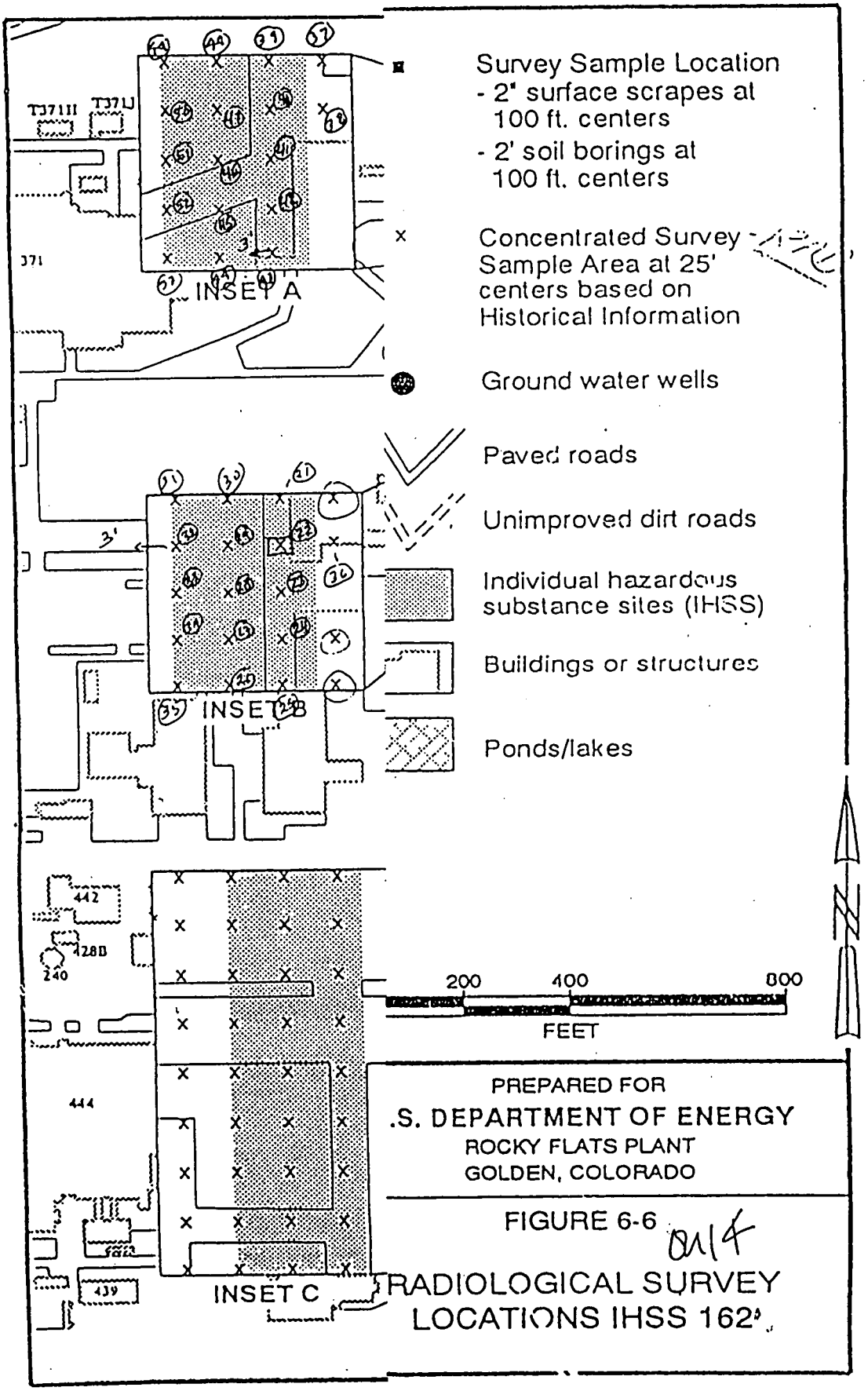


FIGURE 6-6

RADIOLOGICAL SURVEY LOCATIONS IHSS 162

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Sodium Iodide Survey

OU14 IHSS 164.1

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FORM 6.6A

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: R. MANOLAKIS SSAN # [redacted] Reviewed by: _____

Taken by: A-K-MARLER SSAN # _____ SSO: [signature] SSAN # [redacted]

Taken by: B. PASSINO SSAN # _____ Name/Organization: _____ SSAN # _____

Date: 10/31/94 Building: OU14 *

Time: 0850 Room #: 1HSS164.1 *

Shift: DAYS

Survey Description: NaI Survey *

*SEE MAP FOR SAMPLE LOCATIONS

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	A051M				
Date Perf. Ck:	10/31/94		[initials] 10/31/94		
Date Calib'd:	10/94				
Cal. Due Date:	11/95				

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	1	1613	1500	1500	N	16					
2	2	1613	2100	2107	N	17					
3	3	1613	2200	2216	N	18					
4	4	2370	1500	1466	N	19					
5	5	↓	2300	2264	N	20					
6	6		1700	1739	N	21					
7	7		2100	2128	N	22			[initials] 10/31/94		
8	8	↓	1700	1733	N	23					
9	9	2370	1700	1700	N	24					
10	10	1866	1600	1639	N	25					
11	11	↓	1600	1571	N	26					
12	12	1866	1600	1568	N	27					
13	13	↓	1600	1634	N	28					
14	14	↓	1700	1764	N	29					
15	15	1866	2000	2154	N	30					

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292

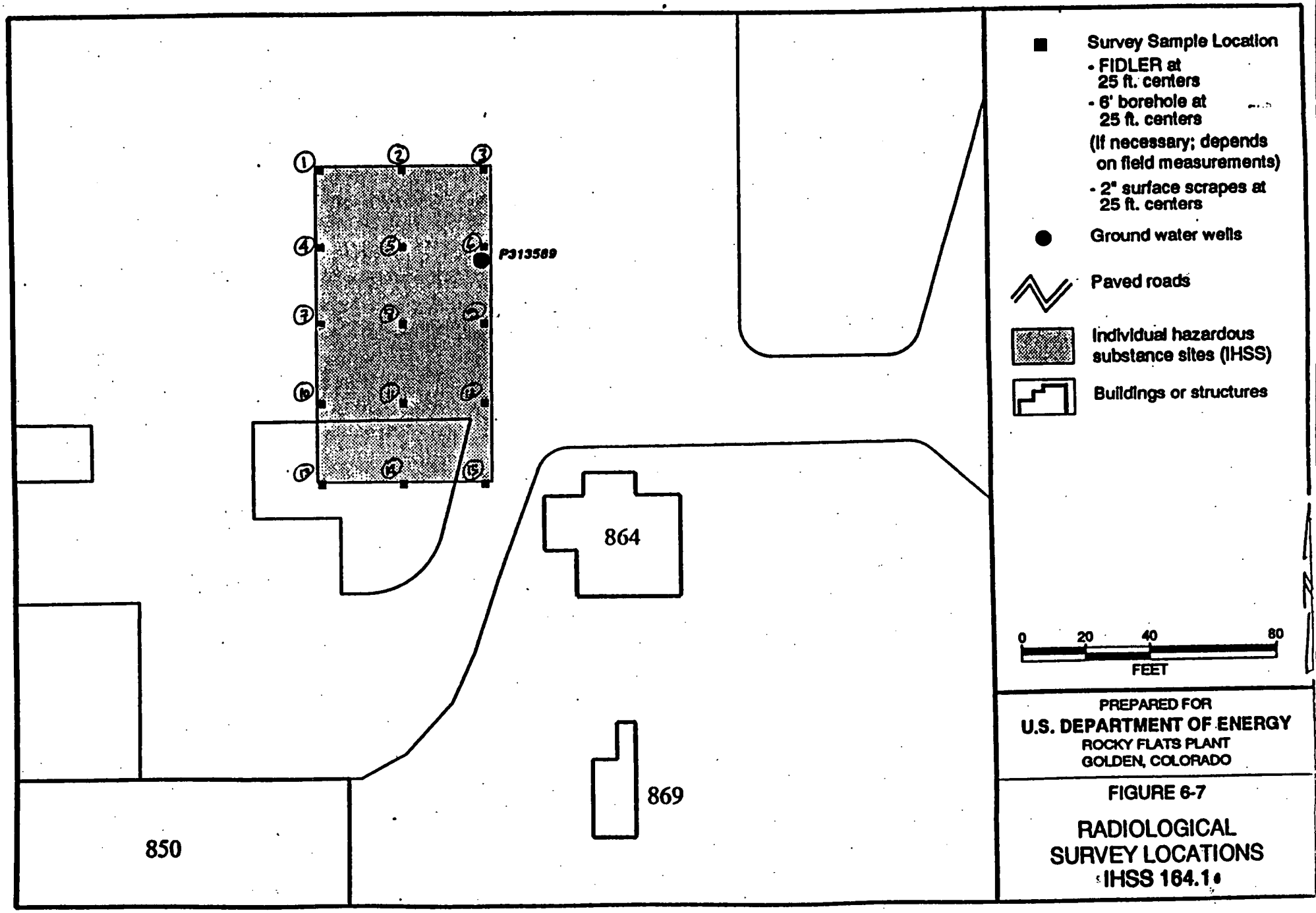
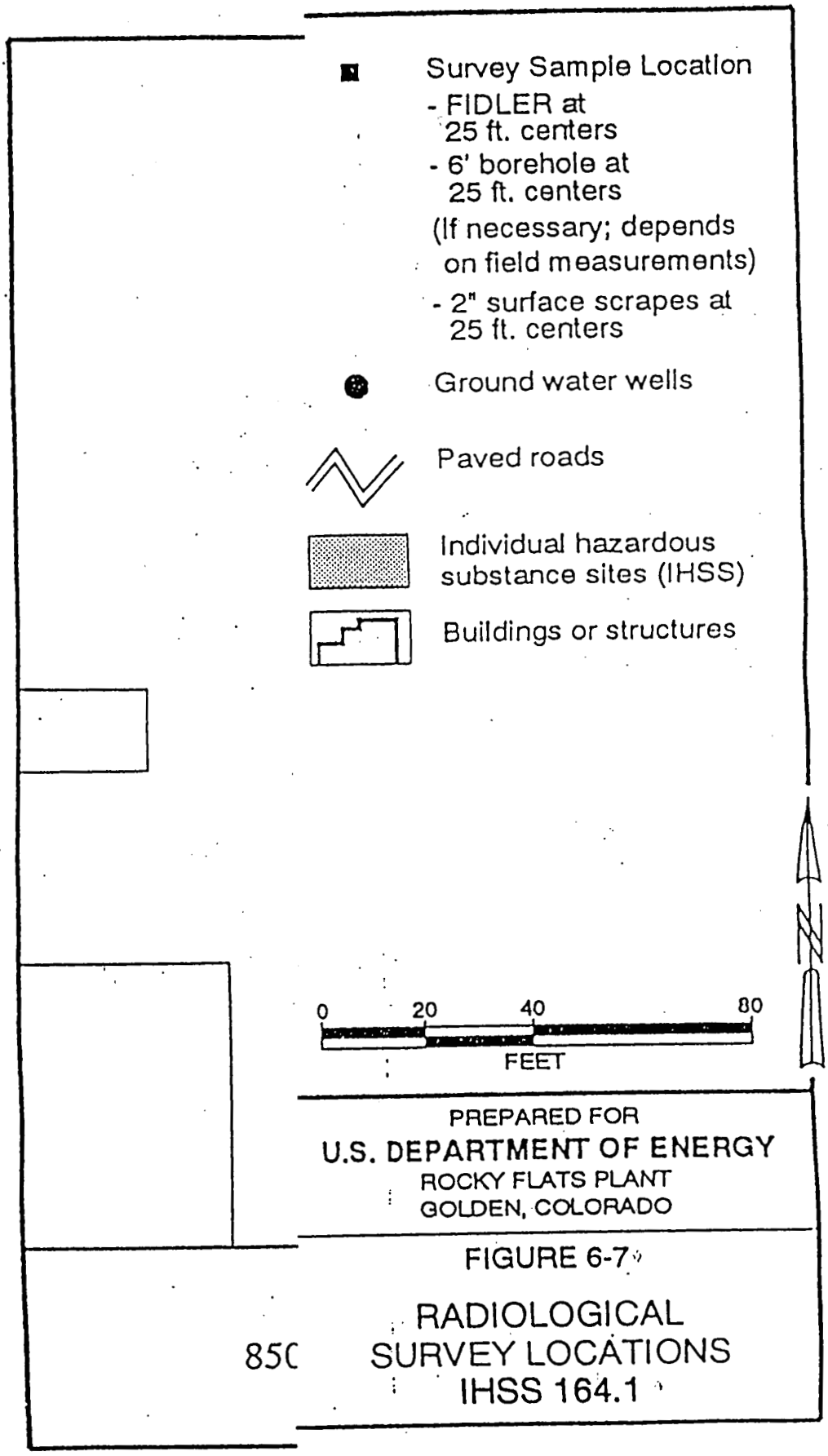


FIGURE 6-7

RADIOLOGICAL SURVEY LOCATIONS IHSS 164.1



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GOLDEN, COLORADO

FIGURE 6-7

RADIOLOGICAL SURVEY LOCATIONS
IHSS 164.1

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Sodium Iodide Survey

OU14 IHSS 164.2

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GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: TOM WADDLE SSAN [redacted]

Taken by: J. B. BAIRD SSAN [redacted]

Taken by: _____ SSAN [redacted]

Reviewed by: _____

SSO: _____ SSAN # _____

Name/Organization: _____ SSAN # _____

Date: 1/6/95

Time: 1000

Shift: DAYS

Building: OU 14

Room #: IHSS 164.2

Survey Description: NaI Survey

* SEE MAP FOR HORIZONTAL SURVEY RESULTS. HSO, RE INFORMED.

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	G5	N/A	N/A	N/A	N/A
Serial #:	B388A	N/A	N/A	N/A	N/A
Date Perf. Ck:	1/6/95	N/A	N/A	N/A	N/A
Date Calib'd:	9/19/94	N/A	N/A	N/A	N/A
Cal. Due Date:	9/95	N/A	N/A	N/A	N/A

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	SEE MAP	2459	3200	3237	N	16	N/A	N/A	N/A	N/A	N/A
2			6500	6536 *	N	17	N/A	N/A	N/A	N/A	N/A
3			5000	4512	N	18	N/A	N/A	N/A	N/A	N/A
4			2800	2739	N	19	N/A	N/A	N/A	N/A	N/A
5			3100	3219	N	20	N/A	N/A	N/A	N/A	N/A
6			2700	2549	N	21	N/A	N/A	N/A	N/A	N/A
7			2600	2426	N	22	N/A	N/A	N/A	N/A	N/A
8			2800	3167	N	23	N/A	N/A	N/A	N/A	N/A
9			2000	1963	N	24	N/A	N/A	N/A	N/A	N/A
10			2300	1976	N	25	N/A	N/A	N/A	N/A	N/A
11			2000	1914	N	26	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A	27	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A	28	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A	29	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A	30	N/A	N/A	N/A	N/A	N/A

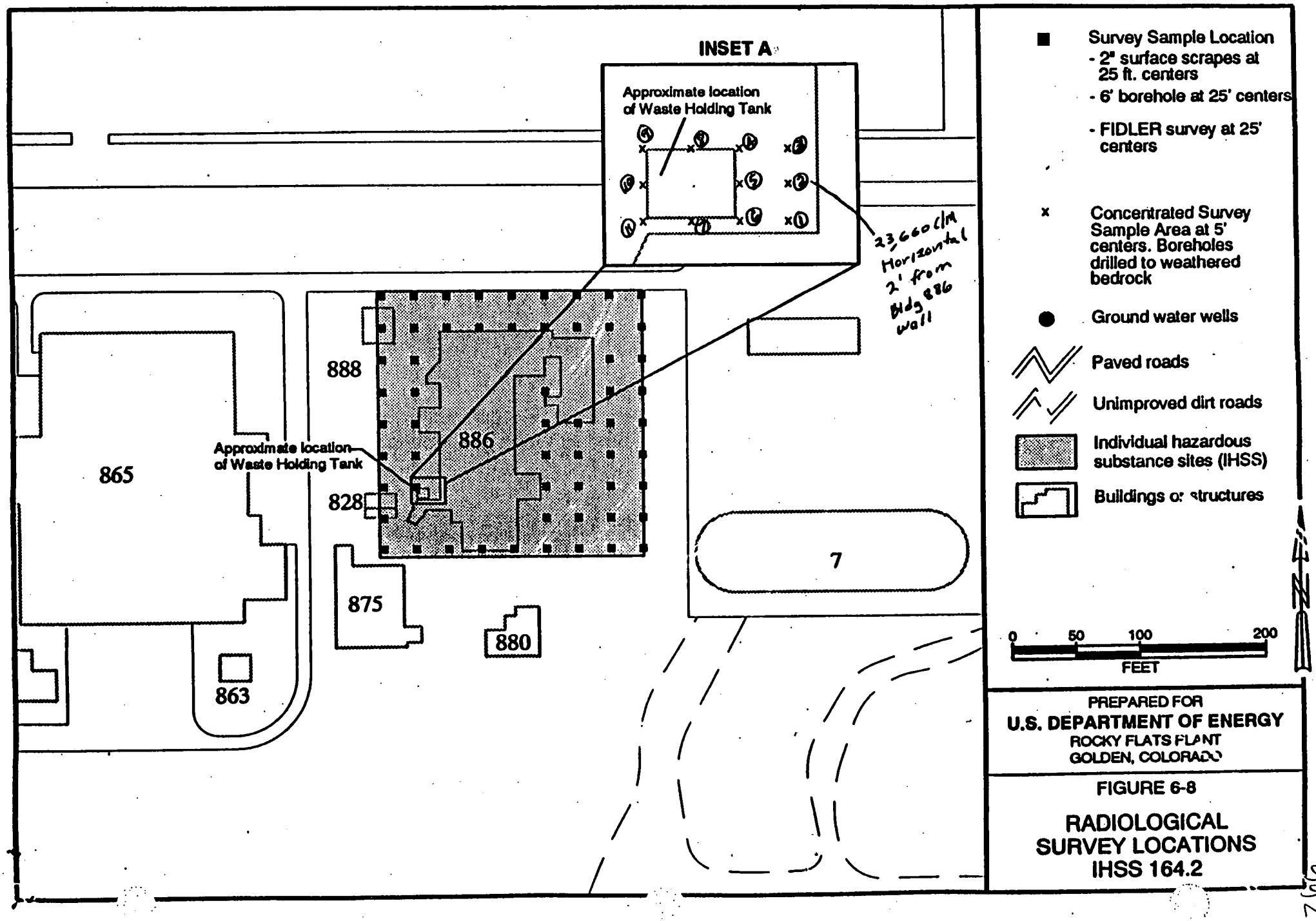

FIGURE 6-8

RADIOLOGICAL SURVEY LOCATIONS IHSS 164.2

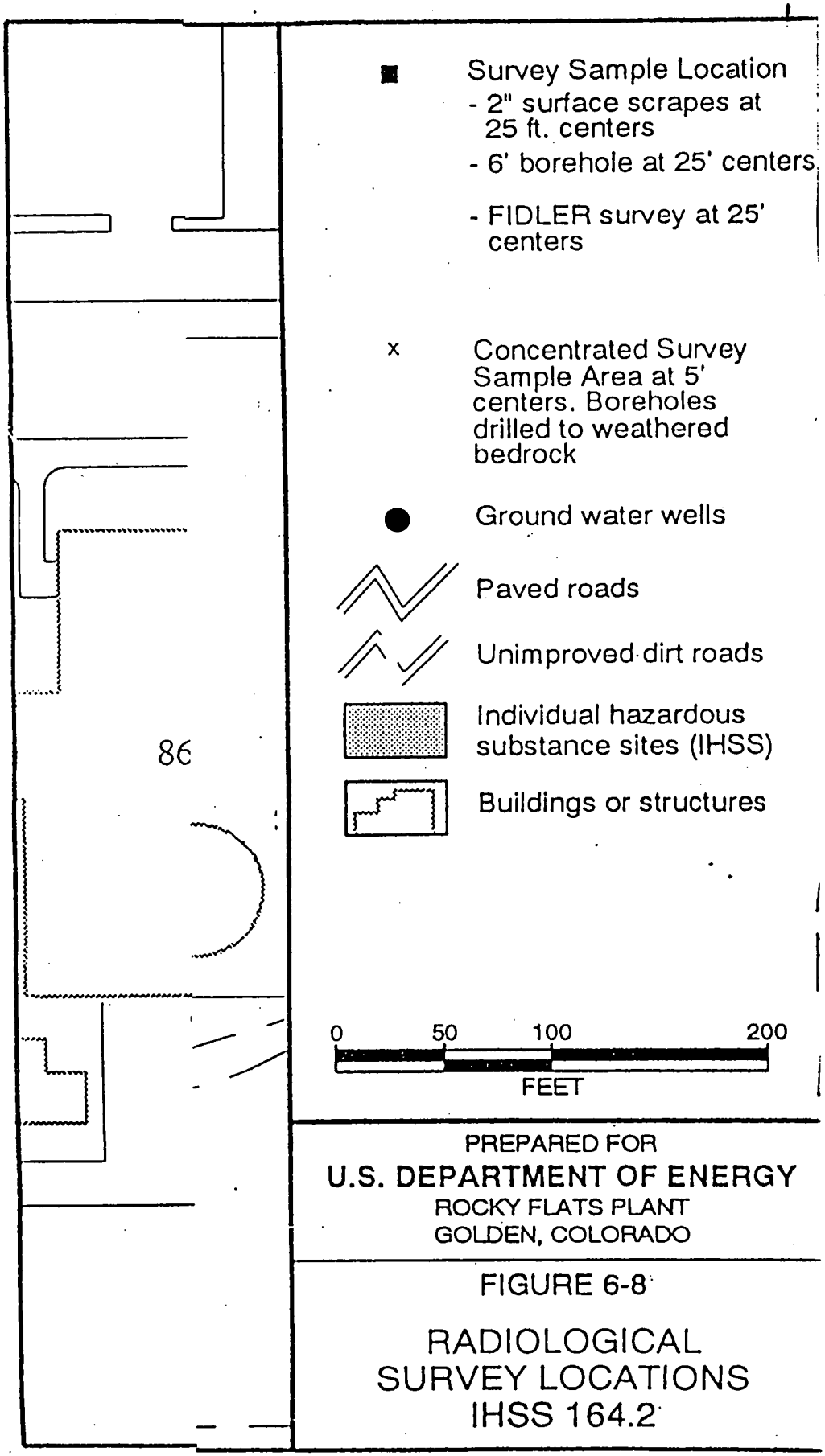

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FIGURE 6-8

RADIOLOGICAL SURVEY LOCATIONS IHSS 164.2

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Sodium Iodide Survey

OU14 IHSS 164.3

FORM 6.6A

Page 1 of ___

GAMMA SURVEY

CONTROL NO: SPECIAL

Taken by: R. MANOLAKIS SSAN # [redacted] Reviewed by: ___

Taken by: ALAN WILINSKI SSAN # ___ SSO: [illegible] SSAN # [redacted]

Taken by: LISA NELONET SSAN # ___ Name/Organization: ___ SSAN # ___

Date: 8/12/94 Building: OU 14

Time: 1330 Room #: 1HSS 164.3

Shift: DAYS

Survey Description: NaI Survey

* See map for sample locations

BICRON FIDLER

Mfg:	FIDLER	FIDLER	FIDLER	FIDLER	FIDLER
Model:	BICRON				
Serial #:	A051M				
Date Perf. Clc	10/31/94		BH 10/31/94		
Date Calib'd:	10/94				
Cal. Due Date:	11/95				

	LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)		LOCATION	BKGD	c/m METER	SCALER	AREA POSTED (Y/N)
1	1	1869	2200	2211	N	16	16	3587	7200	7211	N
2	2	1869	2600	2630	N	17	17	3587	3000	2924	N
3	3	3904	4200	4241	N	18	18	2146	2300	2303	N
4	4	2004	6100	6073	N	19	19	2146	2600	2565	N
5	5	4692	6100	6132	N	20	20	2146	1900	1870	N
6	6	3755	3500	3506	N	21	21	2336	2100	2060	N
7	7	2487	2600	2625	N	22	22	2336	2400	2372	N
8	8	2004	2500	2470	N	23	23	2641	16050	16044	N
9	9	2004	2100	2062	N	24	24	2358	3300	3265	N
10	10	2004	1700	1701	N	25	25	2641	2700	2664	N
11	11	2336	2100	2100	N	26	26	2641	2550	2533	N
12	12	2336	3200	3195	N	27	27	2641	1850	1845	N
13	13	3587	10000	9980	N	28	28	2336	2200	2200	N
14	14	3587	21,300	21,258	N	29	29	2336	3100	3062	N
15	15	3587	32,000	31741	N	30	30	2336	4250	4239	N

→

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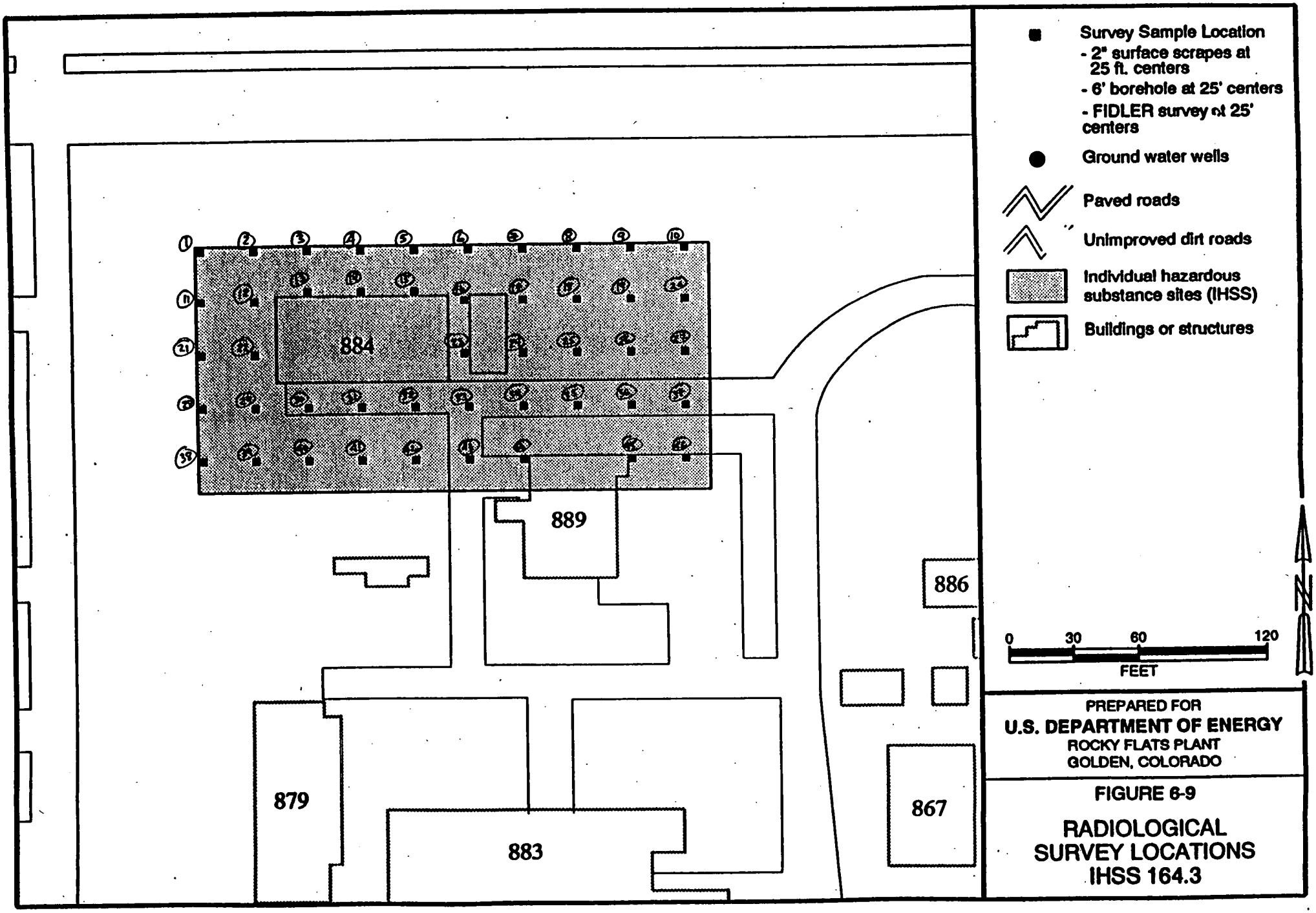
Survey Sample Location
- 2" surface scrapes at 25 ft. centers
- 6' borehole at 25' centers
- FIDLER survey at 25' centers
Ground water wells
Paved roads
Unimproved dirt roads
Individual hazardous substance sites (IHSS)
Buildings or structures
884
889
886
879
883
867
0
30
60
120
FEET
N
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FIGURE 6-9
RADIOLOGICAL SURVEY LOCATIONS
IHSS 164.3

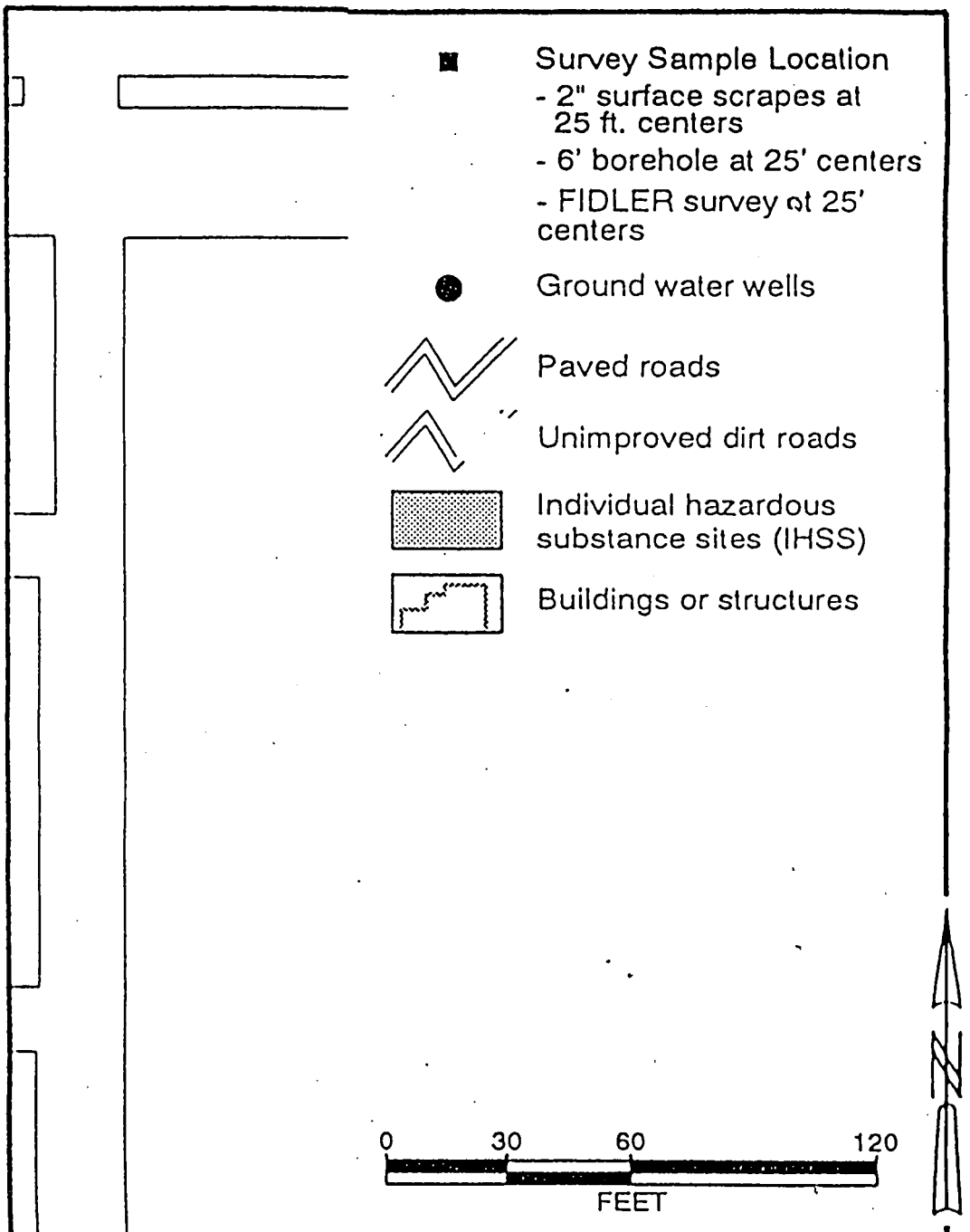

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FIGURE 6-9

RADIOLOGICAL SURVEY LOCATIONS IHSS 164.3

APPENDIX E

Data Quality Assessment Tables

Appendix E Acronyms and Abbreviations

A = acceptable
B = detected in blank
BFG = base fill grab sample
CLP = Contract Laboratory Program
DOE = U.S. Department of Energy
E = exceeded linear calibration range
EPA = U.S. Environmental Technology Site
IHSS = individual hazardous substance site
J = estimated value
mg/kg = milligrams per kilogram
NC = not calculable
OU = Operable unit
PCB = polychlorinated biphenyl
pCi/g = picocuries per gram
pCi/L = picocuries per liter
QC = quality control
R = rejected
RPD = Relative Percent Difference
U = undetected
V = validated data
Y = not yet validated
µg/kg = micrograms per kilogram
µg/L = micrograms per liter

TABLE E-1
OU14 Surface-Soil Samples
Rejected Data
Rocky Flats Environmental Technology Site

IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Result	Units	Laboratory Qualifier	Data Validation Qualifier
131	SS43019	SSG2196JE	VOACLP	2-BUTANONE	11.000	µg/kg	U	R
164.2	SS45659	SSG2460JE	SMETCLP	ANTIMONY	2.500	mg/kg	U	R
164.2	SS45669	SSG2461JE	SMETCLP	ANTIMONY	2.500	mg/kg	U	R
164.2	SS45679	SSG2462JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
164.2	SS45689	SSG2463JE	SMETCLP	ANTIMONY	2.200	mg/kg	U	R
164.2	SS45699	SSG2464JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
164.2	SS45749	SSG2469JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
164.2	SS45759	SSG2470JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
164.2	SS45769	SSG2471JE	SMETCLP	ANTIMONY	2.400	mg/kg	U	R
164.2	SS45779	SSG2472JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
164.2	SS45809	SSG2475JE	SMETCLP	ANTIMONY	2.200	mg/kg	U	R
164.2	SS45839	SSG2478JE	SMETCLP	ANTIMONY	2.200	mg/kg	U	R
164.2	SS45899	SSG2484JE	SMETCLP	ANTIMONY	2.200	mg/kg	U	R
164.2	SS45909	SSG2485JE	SMETCLP	ANTIMONY	2.100	mg/kg	U	R
164.2	SS45919	SSG2486JE	SMETCLP	ANTIMONY	2.300	mg/kg	U	R
164.2	SS45809	SSG2475JE	VOACLP	2-HEXANONE	10.000	µg/kg	U	R
164.2	SS45809	SSG2475JE	VOACLP	4-METHYL-2-PENTANONE	10.000	µg/kg	U	R
164.2	SS45809	SSG2475JE	VOACLP	BROMOMETHANE	10.000	µg/kg	U	R
164.2	SS45809	SSG2475JE	VOACLP	CHLOROETHANE	10.000	µg/kg	U	R
164.2	SS45899	SSG2484JE	VOACLP	2-HEXANONE	10.000	µg/kg	U	R
164.2	SS45899	SSG2484JE	VOACLP	4-METHYL-2-PENTANONE	10.000	µg/kg	U	R
164.2	SS45899	SSG2484JE	VOACLP	BROMOMETHANE	10.000	µg/kg	U	R
164.2	SS45899	SSG2484JE	VOACLP	CHLOROETHANE	10.000	µg/kg	U	R
164.2	SS45909	SSG2485JE	VOACLP	2-HEXANONE	11.000	µg/kg	U	R
164.2	SS45909	SSG2485JE	VOACLP	4-METHYL-2-PENTANONE	11.000	µg/kg	U	R
164.2	SS45909	SSG2485JE	VOACLP	BROMOMETHANE	11.000	µg/kg	U	R
164.2	SS45909	SSG2485JE	VOACLP	CHLOROETHANE	11.000	µg/kg	U	R
164.3	SS46439	BFG0134JE	TRADS	GROSS ALPHA	12.000	pCi/g		R

TABLE E-2
Field Duplicate Results
Relative Percent Difference
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 131

Sample Location: Sample Identification Number: Date Sampled:	SS430994 SSG2204JE 16-Nov-94	SS430994 SSG2666JE 16-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
2-METHYLNAPHTHALENE	53 J:Y	< 710 :Y	NC	Not Applicable
ACENAPHTHENE	490 :Y	380 J:Y	25%	Yes
ANTHRACENE	640 :Y	460 J:Y	33%	Yes
BENZO(a)ANTHRACENE	1400 :Y	1200 :Y	15%	Yes
BENZO(a)PYRENE	1200 :Y	860 :Y	33%	Yes
BENZO(b)FLUORANTHENE	2500 :Y	1900 :Y	27%	Yes
BENZO(k)FLUORANTHENE	780 :Y	620 J:Y	23%	Yes
BIS(2-ETHYLHEXYL)PHTHALATE	100 J:Y	150 J:Y	40%	Yes
BUTYL BENZYL PHTHALATE	69 BJ:Y	< 710 :Y	NC	Not Applicable
CHRYSENE	1500 :Y	1400 :Y	7%	Yes
DI-n-OCTYL PHTHALATE	< 360 :Y	120 J:Y	NC	Not Applicable
DIBENZO(a,h)ANTHRACENE	160 J:Y	110 J:Y	37%	Yes
DIBENZOFURAN	140 J:Y	120 J:Y	15%	Yes
FLUORANTHENE	3400 E:Y	2900 :Y	16%	Yes
FLUORENE	420 :Y	330 J:Y	24%	Yes
INDENO(1,2,3-cd)PYRENE	440 :Y	320 J:Y	32%	Yes
NAPHTHALENE	81 J:Y	75 J:Y	8%	Yes
PHENANTHRENE	3000 E:Y	2300 :Y	26%	Yes
PYRENE	3700 E:Y	3100 :Y	18%	Yes
Test Group:METADD Units: mg/kg				
LITHIUM	4 B:V	7.8 B:V	64%	Yes
STRONTIUM	15.2 B:V	18.2 B:V	18%	Yes
TIN	< 2 :V	4.6 B:V	NC	Not Applicable
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	5030 :J	7270 :J	36%	Yes
ARSENIC	2.9 :V	3.2 :V	10%	Yes
BARIUM	41.5 :V	80.8 :V	64%	Yes
BERYLLIUM	.35 B:V	.45 B:V	25%	Yes
CADMIUM	.63 B:V	.55 B:V	14%	Yes
CALCIUM	3510 I:J	3520 I:J	0%	Yes
CHROMIUM	12.7 :V	11.2 :V	13%	Yes
COBALT	3.8 B:J	29.7 :J	155%	Yes
COPPER	10.7 :J	74.1 :J	150%	Yes
IRON	7630 :V	10700 :V	33%	Yes
LEAD	8.8 :V	17.6 :V	67%	Yes
MAGNESIUM	1270 :V	1940 :V	42%	Yes
MANGANESE	82.7 :J	210 :J	87%	Yes
MERCURY	< .053 :V	.056 B:V	NC	Not Applicable
NICKEL	6.4 B:V	9.4 :V	38%	Yes
POTASSIUM	1310 :V	1400 :V	7%	Yes
SILVER	< 2.6 :J	4.1 :J	NC	Not Applicable
SODIUM	< 92.4 :J	150 B:V	NC	Not Applicable
VANADIUM	15.4 :V	21 :V	31%	Yes
ZINC	73.2 :V	54 :V	30%	Yes
Test Group:VOACLP Units: µg/kg				
ACETONE	30 B:Y	53 B:Y	55%	Yes
METHYLENE CHLORIDE	2 BJ:Y	3 J:Y	40%	Yes
TETRACHLOROETHENE	120 :Y	140 :Y	15%	Yes
TOLUENE	< 5 :Y	3 J:Y		Not Applicable

TABLE E-2
Field Duplicate Results
Relative Percent Difference
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 131

Sample Location: Sample Identification Number: Date Sampled:	SS432094 SSG2215JE 14-Nov-94	SS432094 SSG2664JE 14-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.005(.008) U:Y	.002(.009) U:Y	86%	Yes
GROSS ALPHA	12(2.8) :Y	14(3.1) :Y	15%	Yes
GROSS BETA	32(3.7) :Y	34(3.6) :Y	6%	Yes
PLUTONIUM-239/240	.012(.014) U:Y	.036(.017) :Y	100%	Yes
URANIUM-233,-234	.41(.13) :Y	.41(.14) :Y	0%	Yes
URANIUM-235	.038(.051) U:Y	.04(.054) U:Y	5%	Yes
URANIUM-238	.4(.13) :Y	.46(.14) :Y	14%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS434894 SSG2243JE 27-Sep-94	SS434894 SSG2598JE 27-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	-.001(.004) U:V	.006(.005) J:V	280%	No
GROSS ALPHA	16(3.6) :A	22(4.4) :A	32%	Yes
GROSS BETA	39(3.8) :A	35(3.7) :A	11%	Yes
PLUTONIUM-239/240	.006(.004) J:V	.003(.004) U:V	67%	Yes
URANIUM-233,-234	.74(.2) :V	.74(.2) :V	0%	Yes
URANIUM-235	.038(.051) U:V	.026(.052) U:V	38%	Yes
URANIUM-238	.75(.18) :V	.75(.19) :V	0%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS436194 SSG2256JE 3-Oct-94	SS436194 SSG2610JE 3-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.001(.007) U:Y	.001(.002) U:Y	0%	Yes
GROSS ALPHA	3.6(2) J:Y	12(3.1) :Y	108%	Yes
GROSS BETA	22(3.4) :Y	28(3.4) :Y	24%	Yes
PLUTONIUM-239/240	.003(.004) U:Y	.004(.003) U:Y	29%	Yes
URANIUM-233,-234	.5(.13) :Y	.84(.18) :Y	51%	Yes
URANIUM-235	.082(.055) J:Y	.12(.062) J:Y	38%	Yes
URANIUM-238	.54(.14) :Y	.74(.18) :Y	31%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS436494 SSG2259JE 3-Nov-94	SS436494 SSG2655JE 3-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.006(.009) U:Y	.004(.005) U:Y	40%	Yes
GROSS ALPHA	8.4(2.3) :Y	8(2.5) :Y	5%	Yes
GROSS BETA	20(3.4) :Y	22(3.2) :Y	10%	Yes
URANIUM-233,-234	.62(.21) :Y	.45(.19) :Y	32%	Yes
URANIUM-235	.051(.069) U:Y	(.037) U:Y	NC	Not Applicable
URANIUM-238	.54(.18) :Y	.67(.22) :Y	21%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS436994 SSG2264JE 3-Oct-94	SS436994 SSG2611JE 3-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.006(.007) U:Y	.007(.007) U:Y	15%	Yes
GROSS ALPHA	16(3.3) :Y	29(4.7) :Y	58%	Yes
GROSS BETA	27(3.4) :Y	26(3.4) :Y	4%	Yes
PLUTONIUM-239/240	.026(.009) J:Y	.01(.005) J:Y	89%	Yes
URANIUM-233,-234	.87(.18) :Y	.92(.24) :Y	6%	Yes
URANIUM-235	.037(.037) U:Y	.06(.06) U:Y	47%	Yes
URANIUM-238	.86(.18) :Y	.73(.21) :Y	16%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS437694 SSG2271JE 10-Nov-94	SS437694 SSG2661JE 10-Nov-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.003(.004) U:Y	.008(.008) U:Y	91%	Yes
GROSS ALPHA	18(3.4) :Y	14(3.1) :Y	25%	Yes
GROSS BETA	29(3.4) :Y	30(3.7) :Y	3%	Yes
PLUTONIUM-239/240	.018(.009) J:Y	.011(.008) J:Y	48%	Yes
URANIUM-233,-234	.75(.19) :Y	.83(.22) :Y	10%	Yes
URANIUM-235	.04(.053) U:Y	(.028) U:Y	NC	Not Applicable
URANIUM-238	.78(.19) :Y	.66(.2) :Y	17%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS438294 SSG2277JE 29-Sep-94	SS438294 SSG2604JE 29-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/G				
AMERICIUM-241	.025(.013) :Y	.021(.011) :Y	17%	Yes
GROSS ALPHA	24(4.3) :Y	13(3.1) :Y	59%	Yes
GROSS BETA	31(3.6) :Y	26(3.6) :Y	18%	Yes
PLUTONIUM-239/240	.06(.016) :Y	.086(.016) :Y	36%	Yes
URANIUM-233,-234	.84(.19) :Y	.85(.13) :Y	1%	Yes
URANIUM-235	.036(.047) U:Y	.063(.039) J:Y	55%	Yes
URANIUM-238	.66(.17) :Y	.76(.12) :Y	14%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS439394 SSG2288JE 20-Oct-94	SS439394 SSG2642JE 20-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.007(.007) U:Y	.004(.007) U:Y	55%	Yes
GROSS ALPHA	28(4) :Y	26(4.1) :Y	7%	Yes
GROSS BETA	32(3.5) :Y	30(3.7) :Y	6%	Yes
PLUTONIUM-239/240	.011(.005) J:Y	.023(.009) J:Y	71%	Yes
URANIUM-233,-234	.96(.22) :Y	1(.22) :Y	4%	Yes
URANIUM-235	.014(.027) U:Y	.098(.074) J:Y	150%	Yes
URANIUM-238	1.2(.25) :Y	.96(.22) :Y	22%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 156.1

Sample Location: Sample Identification Number: Date Sampled:	SS439694 SSG2291JE 5-Oct-94	SS439694 SSG2616JE 5-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.019(.01) J:Y	.035(.012) :Y	59%	Yes
GROSS ALPHA	14(3.4) :Y	15(3.1) :Y	7%	Yes
GROSS BETA	25(3.3) :Y	25(3.3) :Y	0%	Yes
PLUTONIUM-239/240	.12(.019) :Y	.14(.018) :Y	15%	Yes
URANIUM-233,-234	.66(.16) :Y	.62(.16) :Y	6%	Yes
URANIUM-235	.027(.036) U:Y	.052(.062) U:Y	63%	Yes
URANIUM-238	.82(.18) :Y	.85(.18) :Y	4%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS440094 SSG2295JE 31-Aug-94	SS440094 SSG2565JE 31-Aug-94	RPD	Data Acceptable For Intended Use?
Test Group:METADD Units: mg/kg				
LITHIUM	9.3 B:J	16.6 B:J	56%	Yes
MOLYBDENUM	5 B:J	4.5 B:J	11%	Yes
STRONTIUM	18.5 B:J	18.1 B:J	2%	Yes
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	8240 :V	8610 :V	4%	Yes
ARSENIC	3.2 :V	3 :V	6%	Yes
BARIUM	103 :V	97.3 :V	6%	Yes
BERYLLIUM	.75 B:V	.85 B:V	13%	Yes
CALCIUM	13400 :V	13500 :V	1%	Yes
CHROMIUM	8.3 :J	7.8 :J	6%	Yes
COBALT	13.8 :V	15.6 :V	12%	Yes
COPPER	26.9 :V	39.7 :V	38%	Yes
IRON	27600 :V	27700 :V	0%	Yes
LEAD	4.5 :J	5 :J	11%	Yes
MAGNESIUM	5850 :V	7830 :V	29%	Yes
MANGANESE	635 :V	655 :V	3%	Yes
NICKEL	8.4 B:V	11.5 :V	31%	Yes
POTASSIUM	3760 :V	3130 :V	18%	Yes
SILVER	3.6 :J	2.8 :J	25%	Yes
SODIUM	174 B:J	166 :J	5%	Yes
VANADIUM	45.6 :V	43.7 :V	4%	Yes
ZINC	73.3 :V	78.6 :V	7%	Yes
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	9.3(3.4) :A	15(3.8) :A	47%	Yes
GROSS BETA	27(2.5) :A	29(2.6) :A	7%	Yes
PLUTONIUM-239/240	.023(.007) J:V	.019(.006) J:V	19%	Yes
URANIUM, TOTAL	1.6 :Y	2 :Y	22%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS440294 SSG2297JE 29-Aug-94	SS440294 SSG2562JE 29-Aug-94	RPD	Data Acceptable For Intended Use?
Test Group:METADD Units: mg/kg				
LITHIUM	5.5 B:J	4.1 B:J	29%	Yes
STRONTIUM	14.4 B:J	8.3 B:J	54%	Yes
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	3970 :V	3140 :V	23%	Yes
ARSENIC	3 :V	1.9 B:V	45%	Yes
BARIUM	49.8 :V	39.6 B:V	23%	Yes
BERYLLIUM	.37 B:V	.25 B:V	39%	Yes
CALCIUM	5740 :V	1490 :V	118%	Yes
CHROMIUM	10.6 :V	13.1 :V	21%	Yes
COBALT	4.3 B:V	3.5 B:V	21%	Yes
COPPER	15.3 :V	10.7 :V	35%	Yes
IRON	8630 :V	6870 :V	23%	Yes
LEAD	11.8 :V	56.6 :V	131%	Yes
MAGNESIUM	1510 :V	1610 :V	6%	Yes
MANGANESE	168 :J	169 :J	1%	Yes
MERCURY	.12 :V	< .051 :V	NC	Not Applicable
NICKEL	8.3 B:V	5.7 B:V	37%	Yes
POTASSIUM	1000 B:V	927 B:V	8%	Yes
SODIUM	289 B:V	160 B:V	57%	Yes
VANADIUM	16.8 :V	12.2 :V	32%	Yes
ZINC	42.3 :J	60.9 :J	36%	Yes
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	6.3(2.8) :A	8.2(2.8) :A	26%	Yes
GROSS BETA	28(3.4) :A	35(3.6) :A	22%	Yes
PLUTONIUM-239/240	.025(.011) J:V	.052(.01) :V	70%	Yes
URANIUM, TOTAL	1.4 :Y	1.2 :Y	15%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS440894 SSG2303JE 2-Sep-94	SS440894 SSG2568JE 2-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:METADD Units: mg/kg				
LITHIUM	3.9 B:J	3.8 B:J	3%	Yes
STRONTIUM	17.8 B:J	17.8 B:J	0%	Yes
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	4180 :V	3930 :V	6%	Yes
ARSENIC	3.3 :V	3 :V	10%	Yes
BARIUM	37.4 B:V	38.2 B:V	2%	Yes
BERYLLIUM	.27 B:V	.2 B:V	30%	Yes
CALCIUM	4640 I:J	4610 I:J	1%	Yes
CHROMIUM	6.7 :V	10.3 :V	42%	Yes
COBALT	3.5 B:V	3.5 B:V	0%	Yes
COPPER	19.7 :J	14.8 :J	28%	Yes
IRON	8070 :V	7540 :V	7%	Yes
LEAD	16.3 :V	10.9 :V	40%	Yes
MAGNESIUM	2350 :V	2320 :V	1%	Yes
MANGANESE	159 :V	158 :V	1%	Yes
NICKEL	6.4 B:V	6 B:V	6%	Yes
POTASSIUM	971 B:V	958 B:V	1%	Yes
SODIUM	308 B:V	247 B:V	22%	Yes
VANADIUM	16 :V	14.1 :V	13%	Yes
ZINC	40.7 :V	40.2 :V	1%	Yes
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	9(3.7) :A	8.9(3.8) :A	1%	Yes
GROSS BETA	24(3.6) :A	26(3.7) :A	8%	Yes
PLUTONIUM-239/240	.049(.011) :V	.048(.009) :V	2%	Yes
URANIUM, TOTAL	1.4 :Y	1.7 :Y	19%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS443194 SSG2326JE 8-Sep-94	SS443194 SSG2573JE 8-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	17(3.6) :Y	22(3.9) :Y	26%	Yes
GROSS BETA	32(3.6) :Y	34(3.6) :Y	6%	Yes
PLUTONIUM-239/240	9(.66) :Y	10(.29) :Y	11%	Yes
URANIUM, TOTAL	2.4 :Y	1.9 :Y	23%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS443394 SSG2328JE 16-Sep-94	SS443394 SSG2584JE 16-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:METADD Units: mg/kg				
LITHIUM	3.9 B:J	3.7 B:J	5%	Yes
STRONTIUM	12.3 B:J	12.4 B:J	1%	Yes
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	3550 :V	3310 :V	7%	Yes
ANTIMONY	3.4 B:J	< 2.6 :J	NC	Not Applicable
ARSENIC	2.2 :J	2.4 :J	9%	Yes
BARIUM	40.3 :V	40.3 :V	0%	Yes
BERYLLIUM	.26 B:V	.23 B:V	12%	Yes
CALCIUM	2920 :V	2650 :V	10%	Yes
CHROMIUM	5.4 :V	5 :V	8%	Yes
COBALT	3 B:V	2.7 B:V	11%	Yes
COPPER	12.1 :V	11.4 :V	6%	Yes
IRON	7380 :V	7130 :V	3%	Yes
LEAD	11.4 :V	11.6 :V	2%	Yes
MAGNESIUM	1620 :V	1580 :V	3%	Yes
MANGANESE	157 :V	157 :V	0%	Yes
NICKEL	3 B:V	3.1 B:V	3%	Yes
POTASSIUM	1130 :V	1070 :V	5%	Yes
SODIUM	116 B:V	121 B:V	4%	Yes
VANADIUM	11.9 :V	11 :V	8%	Yes
ZINC	35.6 :V	39 :V	9%	Yes
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	8.9(2.4) :A	8(2.4) :A	11%	Yes
GROSS BETA	28(3.5) :A	28(3.6) :A	0%	Yes
PLUTONIUM-239/240	.028(.007) J:V	.032(.007) :V	13%	Yes
URANIUM, TOTAL	1.9 :Y	1.7 :Y	11%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS444094 SSG2335JE 8-Sep-94	SS444094 SSG2575JE 8-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	16(3.5) :Y	12(2.9) :Y	29%	Yes
GROSS BETA	29(3.6) :Y	35(3.9) :Y	19%	Yes
PLUTONIUM-239/240	4.2(.14) B:Y	12(.35) B:Y	96%	Yes
URANIUM, TOTAL	2 :Y	1.8 :Y	11%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS444294 SSG2337JE 16-Sep-94	SS444294 SSG2585JE 16-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:METADD Units: mg/kg				
LITHIUM	4.2 B:J	4.4 B:J	5%	Yes
STRONTIUM	12.2 B:J	12.7 B:J	4%	Yes
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	4340 :V	4740 :V	9%	Yes
ANTIMONY	2.6 B:J	< 2.5 :J	NC	Not Applicable
ARSENIC	3 :J	3.2 :V	6%	Yes
BARIUM	47.6 :V	49.4 :V	4%	Yes
BERYLLIUM	.33 B:V	.31 B:V	6%	Yes
CALCIUM	2850 :V	2300 :V	21%	Yes
CHROMIUM	7.5 :V	7.9 :V	5%	Yes
COBALT	3.1 B:V	3.7 B:V	18%	Yes
COPPER	13.8 :V	17.4 :V	23%	Yes
IRON	8030 :V	8530 :V	6%	Yes
LEAD	13.3 :V	13.5 :V	1%	Yes
MAGNESIUM	1590 :V	1640 :V	3%	Yes
MANGANESE	180 :V	182 :V	1%	Yes
NICKEL	4.5 B:V	4.9 B:V	9%	Yes
POTASSIUM	1100 :V	1130 :V	3%	Yes
SILVER	.82 B:J	.78 B:J	5%	Yes
SODIUM	94.9 B:V	78 B:V	20%	Yes
VANADIUM	14.6 :V	15.9 :V	9%	Yes
ZINC	41.3 :V	41.1 :V	0%	Yes
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	9.3(2.8) :A	17(3.4) :A	59%	Yes
GROSS BETA	30(3.4) :A	31(3.4) :A	3%	Yes
PLUTONIUM-239/240	.039(.008) :V	.028(.007) J:V	33%	Yes
URANIUM, TOTAL	2.2 :Y	2.5 :Y	13%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS444594 SSG2340JE 13-Sep-94	SS444594 SSG2580JE 13-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	13(2.2) :A	19(4.2) :A	38%	Yes
GROSS BETA	35(2.6) :A	30(3.6) :A	15%	Yes
PLUTONIUM-239/240	.006(.004) J:V	.002(.003) U:V	100%	Yes
URANIUM, TOTAL	2.5 :Y	2.4 :Y	4%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 160

Sample Location: Sample Identification Number: Date Sampled:	SS444994 SSG2344JE 8-Sep-94	SS444994 SSG2576JE 8-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	16(3.6) :Y	15(3.4) :Y	6%	Yes
GROSS BETA	33(3.5) :Y	34(3.6) :Y	3%	Yes
PLUTONIUM-239/240	2.8(.1) B:Y	2.1(.083) B:Y	29%	Yes
URANIUM, TOTAL	2.1 :Y	1.7 :Y	21%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 161

Sample Location: Sample Identification Number: Date Sampled:	SS450494 SSG2399JE 21-Sep-94	SS450494 SSG2591JE 21-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	14(4) :A	15(3.9) :A	7%	Yes
GROSS BETA	26(3.3) :A	25(3.4) :A	4%	Yes
PLUTONIUM-239/240	.012(.005) J:V	.012(.006) J:V	0%	Yes
URANIUM, TOTAL	2.6 :Y	2.9 :Y	11%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 161

Sample Location: Sample Identification Number: Date Sampled:	SS450794 SSG2402JE 20-Sep-94	SS450794 SSG2588JE 20-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	12(3.7) :A	13(2.9) :A	8%	Yes
GROSS BETA	34(4) :A	32(3.5) :A	6%	Yes
PLUTONIUM-239/240	.006(.005) U:V	.004(.003) J:V	40%	Yes
URANIUM, TOTAL	2.5 :Y	1.7 :Y	38%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 161

Sample Location: Sample Identification Number: Date Sampled:	SS450894 SSG2403JE 20-Sep-94	SS450894 SSG2589JE 20-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
GROSS ALPHA	11(2.7) :A	21(3.8) :A	63%	Yes
GROSS BETA	29(3.6) :A	35(3.8) :A	19%	Yes
PLUTONIUM-239/240	.007(.004) J:V	.009(.005) J:V	25%	Yes
URANIUM, TOTAL	2.1 :Y	2.5 :Y	17%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 162

Sample Location: Sample Identification Number: Date Sampled:	SS452394 SSG2418JE 12-Oct-94	SS452394 SSG2629JE 12-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.001(.005) U:Y	.009(.009) U:Y	160%	Yes
GROSS ALPHA	16(4.5) :Y	14(3.5) :Y	13%	Yes
GROSS BETA	28(3.5) :Y	28(3.5) :Y	0%	Yes
PLUTONIUM-239/240	-.002(.005) U:Y	.006(.008) U:Y	400%	No
URANIUM-233,-234	.8(.18) :Y	.88(.2) :Y	10%	Yes
URANIUM-235	.018(.018) U:Y	.062(.041) U:Y	110%	Yes
URANIUM-238	.83(.18) :Y	.94(.2) :Y	12%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 162

Sample Location: Sample Identification Number: Date Sampled:	SS452694 SSG2421JE 11-Oct-94	SS452694 SSG2626JE 11-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.008(.007) J:Y	.004(.004) U:Y	67%	Yes
GROSS ALPHA	14(3.1) :Y	10(2.9) :Y	33%	Yes
GROSS BETA	21(3.2) :Y	17(3.4) :Y	21%	Yes
PLUTONIUM-239/240	.023(.007) J:Y	.02(.007) J:Y	14%	Yes
URANIUM-233,-234	1(.23) :Y	1(.21) :Y	0%	Yes
URANIUM-235	.038(.051) U:Y	.069(.059) U:Y	58%	Yes
URANIUM-238	1(.23) :Y	1.1(.22) :Y	10%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 162

Sample Location: Sample Identification Number: Date Sampled:	SS454194 SSG2436JE 29-Sep-94	SS454194 SSG2606JE 29-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.22(.024) :Y	.26(.03) :Y	17%	Yes
GROSS ALPHA	20(4.4) :Y	22(4.3) :Y	10%	Yes
GROSS BETA	34(3.6) :Y	35(3.7) :Y	3%	Yes
PLUTONIUM-239/240	1.5(.061) :Y	1.3(.056) :Y	14%	Yes
URANIUM-233,-234	.79(.15) :Y	.76(.13) :Y	4%	Yes
URANIUM-235	-.006(.026) U:Y	.022(.033) U:Y	350%	No
URANIUM-238	.94(.15) :Y	.89(.14) :Y	5%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.2

Sample Location: Sample Identification Number: Date Sampled:	SS456794 SSG2462JE 18-Oct-94	SS456794 SSG2634JE 18-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:BNACLP Units: µg/kg				
BENZO(a)ANTHRACENE	73 J:Y	74 J:Y	1%	Yes
BENZO(a)PYRENE	100 J:Y	93 J:Y	7%	Yes
BENZO(b)FLUORANTHENE	140 J:Y	130 J:Y	7%	Yes
BENZO(ghi)PERYLENE	75 J:Y	57 J:Y	27%	Yes
BENZO(k)FLUORANTHENE	49 J:Y	50 J:Y	2%	Yes
BIS(2-ETHYLHEXYL)PHTHALATE	320 J:Y	110 J:Y	98%	Yes
CHRYSENE	97 J:Y	93 J:Y	4%	Yes
FLUORANTHENE	200 J:Y	200 J:Y	0%	Yes
INDENO(1,2,3-cd)PYRENE	77 J:Y	62 J:Y	22%	Yes
PHENANTHRENE	110 J:Y	110 J:Y	0%	Yes
PYRENE	150 J:Y	150 J:Y	0%	Yes
Test Group:METADD Units: mg/kg				
LITHIUM	5.2 B:V	5.2 B:V	0%	Yes
STRONTIUM	24.7 :V	25.3 B:V	2%	Yes
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	5080 :V	4790 :V	6%	Yes
ARSENIC	2.3 :V	1.6 B:V	36%	Yes
BARIUM	53.6 :V	43.7 :V	20%	Yes
BERYLLIUM	.48 B:V	.54 B:V	12%	Yes
CALCIUM	14700 :V	20100 :V	31%	Yes
CHROMIUM	6.5 :V	6.6 :V	2%	Yes
COBALT	6.4 B:V	6 B:V	6%	Yes
COPPER	50.5 :V	27.8 :V	58%	Yes
IRON	18200 :V	17900 :V	2%	Yes
LEAD	11.9 :V	9.3 :V	25%	Yes
MAGNESIUM	5560 :V	6040 :V	8%	Yes
MANGANESE	582 :J	633 :J	8%	Yes
NICKEL	3.6 B:V	3.7 B:V	3%	Yes
POTASSIUM	2760 :V	2800 :V	1%	Yes
SILVER	1.7 B:J	1.6 B:J	6%	Yes
SODIUM	292 B:V	171 B:V	52%	Yes
VANADIUM	20.9 :V	19.2 :V	8%	Yes
ZINC	69.5 I:J	70 I:J	1%	Yes
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.013(.008) J:Y	.004(.007) U:Y	106%	Yes
GROSS ALPHA	9.2(2.9) :Y	12(1.5) :Y	26%	Yes
GROSS BETA	22(3.4) :Y	25(1.4) :Y	13%	Yes
PLUTONIUM-239/240	.021(.012) J:Y	.028(.013) J:Y	29%	Yes
URANIUM-233,-234	.68(.15) :Y	.79(.17) :Y	15%	Yes
URANIUM-235	.06(.045) J:Y	.029(.039) U:Y	70%	Yes
URANIUM-238	.75(.15) :Y	.84(.17) :Y	11%	Yes

Note: Duplicate pairs for sample locations SS457194 and SS45724 are not contained in the RPD comparison tables because data were not yet available for one member of each pair; thus, no comparison was possible.

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.2

Sample Location: Sample Identification Number: Date Sampled:	SS457894 SSG2473JE 24-Oct-94	SS457894 SSG2644JE 24-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:METADD Units: mg/kg				
LITHIUM	7.3 B:V	7.1 B:V	3%	Yes
STRONTIUM	10 B:V	9.7 B:V	3%	Yes
Test Group:SMETCLP Units: mg/kg				
ALUMINUM	4750 :V	4680 :V	1%	Yes
ARSENIC	1.6 B:V	2 B:V	22%	Yes
BARIUM	52.2 :V	51.5 :V	1%	Yes
CALCIUM	1430 :V	1270 :V	12%	Yes
CHROMIUM	7.9 :V	7.9 :V	0%	Yes
COBALT	9.3 B:V	12.5 :V	29%	Yes
COPPER	17.2 :V	18.2 :V	6%	Yes
IRON	8680 :V	9250 :V	6%	Yes
LEAD	6.2 :V	6.8 :V	9%	Yes
MAGNESIUM	2030 :V	1980 :V	2%	Yes
MANGANESE	147 :V	161 :V	9%	Yes
NICKEL	6.7 B:V	6.3 B:V	6%	Yes
POTASSIUM	1940 :V	1870 :V	4%	Yes
SODIUM	138 B:V	125 B:V	10%	Yes
VANADIUM	13.5 :V	14.3 :V	6%	Yes
ZINC	24.5 :V	24.2 :V	1%	Yes
Test Group:VOACLP Units: µg/kg				
METHYLENE CHLORIDE	8 :V	11 :V	32%	Yes

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TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.2

Sample Location: Sample Identification Number: Date Sampled:	SS459694 SSG2491JE 19-Oct-94	SS459694 SSG2640JE 19-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.008(.005) J:Y	.005(.004) J:Y	46%	Yes
GROSS ALPHA	13(3) :Y	16(3.4) :Y	21%	Yes
GROSS BETA	30(3.5) :Y	27(3.6) :Y	11%	Yes
PLUTONIUM-239/240	.061(.018) :Y	.018(.008) J:Y	109%	Yes
URANIUM-233,-234	.78(.18) :Y	.98(.15) :Y	23%	Yes
URANIUM-235	.081(.061) J:Y	.042(.036) U:Y	63%	Yes
URANIUM-238	.66(.16) :Y	.95(.15) :Y	36%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.2

Sample Location: Sample Identification Number: Date Sampled:	SS460494 SSG2499JE 10-Oct-94	SS460494 SSG2623JE 10-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.059(.015) :Y	.038(.014) :Y	43%	Yes
GROSS ALPHA	20(3.4) :Y	22(3.9) :Y	10%	Yes
GROSS BETA	25(3.5) :Y	27(3.4) :Y	8%	Yes
PLUTONIUM-239/240	.15(.022) :Y	.12(.019) :Y	22%	Yes
URANIUM-233,-234	.84(.21) :Y	1.1(.24) :Y	27%	Yes
URANIUM-235	.13(.081) J:Y	.052(.053) U:Y	86%	Yes
URANIUM-238	.79(.21) :Y	1(.24) :Y	23%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.2

Sample Location: Sample Identification Number: Date Sampled:	SS461094 SSG2505JE 10-Oct-94	SS461094 SSG2621JE 10-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.09(.015) :Y	.11(.017) :Y	20%	Yes
GROSS ALPHA	20(3.8) :Y	23(3.8) :Y	14%	Yes
GROSS BETA	25(3.3) :Y	28(3.5) :Y	11%	Yes
PLUTONIUM-239/240	.24(.024) :Y	.51(.04) :Y	72%	Yes
URANIUM-233,-234	.79(.2) :Y	.73(.16) :Y	8%	Yes
URANIUM-235	.051(.051) U:Y	.065(.056) U:Y	24%	Yes
URANIUM-238	.85(.21) :Y	.82(.18) :Y	4%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.2

Sample Location: Sample Identification Number: Date Sampled:	SS461194 SSG2506JE 25-Oct-94	SS461194 SSG2646JE 25-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.01(.01) J:Y	.003(.006) U:Y	108%	Yes
GROSS ALPHA	26(4.3) :Y	30(4.6) :Y	14%	Yes
GROSS BETA	32(3.7) :Y	33(3.6) :Y	3%	Yes
PLUTONIUM-239/240	.022(.01) J:Y	.009(.008) U:Y	84%	Yes
URANIUM-233,-234	.8(.19) :Y	.92(.21) :Y	14%	Yes
URANIUM-235	.084(.073) U:Y	.06(.048) U:Y	33%	Yes
URANIUM-238	.72(.19) :Y	1.1(.24) :Y	42%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.3

Sample Location: Sample Identification Number: Date Sampled:	SS463494 SSG2629JE 4-Oct-94	SS463494 SSG2614JE 4-Oct-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.011(.005) J:Y	.017(.011) J:Y	43%	Yes
GROSS ALPHA	30(4.1) :Y	14(3.1) :Y	73%	Yes
GROSS BETA	24(4.4) :Y	21(3.3) :Y	13%	Yes
PLUTONIUM-239/240	.02(.007) J:Y	.026(.007) J:Y	26%	Yes
URANIUM-233,-234	2.4(.33) :Y	.71(.14) :Y	109%	Yes
URANIUM-235	.14(.073) J:Y	.044(.044) U:Y	104%	Yes
URANIUM-238	5.1(.56) :Y	.85(.16) :Y	143%	Yes

TABLE E-2
Field Duplicate Results
Relative Percent Difference (RPD)
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site
IHSS 164.3

Sample Location: Sample Identification Number: Date Sampled:	SS464794 SSG2542JE 28-Sep-94	SS464794 SSG2599JE 28-Sep-94	RPD	Data Acceptable For Intended Use?
Test Group:TRADS Units: pCi/g				
AMERICIUM-241	.004(.002) J:Y	.006(.002) J:Y	40%	Yes
GROSS ALPHA	7.4(2.5) :Y	9(2.7) :Y	20%	Yes
GROSS BETA	29(3.6) :Y	30(3.5) :Y	3%	Yes
PLUTONIUM-239/240	.011(.005) J:Y	.016(.008) J:Y	37%	Yes
URANIUM-233,-234	.8(.13) :Y	.71(.12) :Y	12%	Yes
URANIUM-235	.015(.02) U:Y	.037(.038) U:Y	85%	Yes
URANIUM-238	.72(.12) :Y	.81(.13) :Y	12%	Yes

TABLE E-3
Field Duplicate Results
Summary of Relative Percent Difference Values
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site

Analytical Parameter/Analyte	Required RPD Value[1]	Total Number of Duplicate Positive Results	Total Number of Duplicates outside RPD criteria	Total Number of Duplicates within RPD criteria	Overall Precision Compliance
Test Group:BNACLP Units:µg/kg					
ACENAPHTHENE	<40%	1	0	1	100%
ANTHRACENE	<40%	1	0	1	100%
BENZO(a)ANTHRACENE	<40%	2	0	2	100%
BENZO(a)PYRENE	<40%	2	0	2	100%
BENZO(b)FLUORANTHENE	<40%	2	0	2	100%
BENZO(ghi)PERYLENE	<40%	1	0	1	100%
BENZO(k)FLUORANTHENE	<40%	2	0	2	100%
BIS(2-ETHYLHEXYL)PHTHALATE	<40%	2	1	1	50%
CHRYSENE	<40%	2	0	2	100%
DIBENZO(a,h)ANTHRACENE	<40%	1	0	1	100%
DIBENZOFURAN	<40%	1	0	1	100%
FLUORANTHENE	<40%	1	0	1	100%
FLUORENE	<40%	1	0	1	100%
INDENO(1,2,3-cd)PYRENE	<40%	2	0	2	100%
NAPHTHALENE	<40%	1	0	1	100%
PHENANTHRENE	<40%	1	0	1	100%
PYRENE	<40%	1	0	1	100%
Test Group:METADD Units:mg/kg			0	0	
LITHIUM	<40%	7	2	5	71%
MOLYBDENUM	<40%	1	0	1	100%
STRONTIUM	<40%	7	1	6	86%
Test Group:SMETCLP Units:mg/kg			0	0	
ALUMINUM	<40%	8	0	8	100%
ARSENIC	<40%	8	1	7	88%
BARIUM	<40%	7	1	6	86%
BERYLLIUM	<40%	7	0	7	100%
CADMIUM	<40%	1	0	1	100%
CALCIUM	<40%	8	1	7	88%
CHROMIUM	<40%	7	1	6	86%
COBALT	<40%	7	1	6	86%
COPPER	<40%	8	2	6	75%
IRON	<40%	8	0	8	100%
LEAD	<40%	8	2	6	75%
MAGNESIUM	<40%	8	1	7	88%
MANGANESE	<40%	7	1	6	86%
NICKEL	<40%	8	0	8	100%
POTASSIUM	<40%	8	0	8	100%
SILVER	<40%	3	0	3	100%
SODIUM	<40%	7	2	5	71%

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TABLE E-3
Field Duplicate Results
Summary of Relative Percent Difference Values
OU14 Surface Soil Samples
Rocky Flats Environmental Technology Site

Analytical Parameter/Analyte	Required RPD Value[1]	Total Number of Duplicate Positive Results	Total Number of Duplicates outside RPD criteria	Total Number of Duplicates within RPD criteria	Overall Precision Compliance
VANADIUM	<40%	8	0	8	100%
ZINC	<40%	8	0	8	100%
Test Group:TRADS Units:pCi/g			0	0	
AMERICIUM-241	<40%	18	12	6	33%
GROSS ALPHA	<40%	31	7	24	77%
GROSS BETA	<40%	28	0	28	100%
PLUTONIUM-239/240	<40%	29	12	17	59%
URANIUM-233,-234	<40%	16	2	14	88%
URANIUM-235	<40%	17	12	5	29%
URANIUM-238	<40%	18	2	16	89%
Test Group:VOACLP Units:µg/kg		0	0	0	
ACETONE	<40%	1	1	0	0%
METHYLENE CHLORIDE	<40%	2	0	2	100%
TETRACHLOROETHENE	<40%	1	0	1	100%
[1]The RPD value must be less than or equal to 40 percent.					

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS430494	SSG2199JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS430494	SSG2199JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430494	SSG2199JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430494	SSG2199JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS430494	SSG2199JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS430494	SSG2199JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS430494	SSG2199JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430494	SSG2199JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430494	SSG2199JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430494	SSG2199JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430494	SSG2199JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS430594	SSG2200JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS430594	SSG2200JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430594	SSG2200JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430594	SSG2200JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS430594	SSG2200JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS430594	SSG2200JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS430594	SSG2200JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430594	SSG2200JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430594	SSG2200JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430594	SSG2200JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430594	SSG2200JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS430694	SSG2201JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS430694	SSG2201JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430694	SSG2201JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS430694	SSG2201JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS430694	SSG2201JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS430694	SSG2201JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS430694	SSG2201JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430694	SSG2201JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430694	SSG2201JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430694	SSG2201JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430694	SSG2201JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS430794	SSG2202JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS430794	SSG2202JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430794	SSG2202JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430794	SSG2202JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS430794	SSG2202JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS430794	SSG2202JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS430794	SSG2202JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430794	SSG2202JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430794	SSG2202JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430794	SSG2202JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430794	SSG2202JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS430894	SSG2203JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS430894	SSG2203JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430894	SSG2203JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430894	SSG2203JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS430894	SSG2203JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS430894	SSG2203JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS430894	SSG2203JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430894	SSG2203JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430894	SSG2203JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430894	SSG2203JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430894	SSG2203JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS430994	SSG2666JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS430994	SSG2204JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS430994	SSG2666JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2204JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2666JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2204JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2666JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2204JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2666JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS430994	SSG2204JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS430994	SSG2204JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS430994	SSG2666JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS430994	SSG2204JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS430994	SSG2666JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS430994	SSG2666JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS430994	SSG2666JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430994	SSG2204JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430994	SSG2666JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430994	SSG2204JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430994	SSG2666JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430994	SSG2204JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS430994	SSG2666JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS430994	SSG2204JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS431094	SSG2205JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS431094	SSG2205JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431094	SSG2205JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431094	SSG2205JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS431094	SSG2205JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS431094	SSG2205JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS431094	SSG2205JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431094	SSG2205JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431094	SSG2205JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431094	SSG2205JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431094	SSG2205JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS431194	SSG2206JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS431194	SSG2206JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431194	SSG2206JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431194	SSG2206JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS431194	SSG2206JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS431194	SSG2206JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS431194	SSG2206JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS431194	SSG2206JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431194	SSG2206JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431194	SSG2206JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431194	SSG2206JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431194	SSG2206JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS431294	SSG2207JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS431294	SSG2207JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431294	SSG2207JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431294	SSG2207JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS431294	SSG2207JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS431294	SSG2207JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS431294	SSG2207JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431294	SSG2207JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431294	SSG2207JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431294	SSG2207JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431294	SSG2207JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS431394	SSG2208JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS431394	SSG2208JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431394	SSG2208JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431394	SSG2208JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS431394	SSG2208JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS431394	SSG2208JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS431394	SSG2208JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS431394	SSG2208JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431394	SSG2208JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431394	SSG2208JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431394	SSG2208JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431394	SSG2208JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS431494	SSG2209JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS431494	SSG2209JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431494	SSG2209JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431494	SSG2209JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS431494	SSG2209JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS431494	SSG2209JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS431494	SSG2209JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431494	SSG2209JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431494	SSG2209JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431494	SSG2209JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431494	SSG2209JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS431594	SSG2210JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS431594	SSG2210JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431594	SSG2210JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431594	SSG2210JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS431594	SSG2210JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS431594	SSG2210JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS431594	SSG2210JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS431594	SSG2210JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS431594	SSG2210JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431594	SSG2210JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431594	SSG2210JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS431594	SSG2210JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS432194	SSG2216JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS432194	SSG2216JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432194	SSG2216JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432194	SSG2216JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS432194	SSG2216JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS432194	SSG2216JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS432194	SSG2216JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432194	SSG2216JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432194	SSG2216JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432194	SSG2216JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432194	SSG2216JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS432294	SSG2217JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS432294	SSG2217JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432294	SSG2217JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432294	SSG2217JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS432294	SSG2217JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS432294	SSG2217JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS432294	SSG2217JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS432294	SSG2217JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432294	SSG2217JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432294	SSG2217JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432294	SSG2217JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432294	SSG2217JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS432394	SSG2218JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS432394	SSG2218JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432394	SSG2218JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432394	SSG2218JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS432394	SSG2218JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS432394	SSG2218JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS432394	SSG2218JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432394	SSG2218JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432394	SSG2218JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432394	SSG2218JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432394	SSG2218JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS432494	SSG2219JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS432494	SSG2219JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432494	SSG2219JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432494	SSG2219JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS432494	SSG2219JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS432494	SSG2219JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS432494	SSG2219JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432494	SSG2219JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 131							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
131	SS432494	SSG2219JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432494	SSG2219JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432494	SSG2219JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS432594	SSG2220JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS432594	SSG2220JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432594	SSG2220JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432594	SSG2220JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS432594	SSG2220JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS432594	SSG2220JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS432594	SSG2220JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432594	SSG2220JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432594	SSG2220JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432594	SSG2220JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432594	SSG2220JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
131	SS432694	SSG2221JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
131	SS432694	SSG2221JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432694	SSG2221JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432694	SSG2221JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
131	SS432694	SSG2221JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
131	SS432694	SSG2221JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
131	SS432694	SSG2221JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
131	SS432694	SSG2221JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432694	SSG2221JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432694	SSG2221JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
131	SS432694	SSG2221JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 156.1							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
156.1	SS432994	SSG2224JE	TRADS	GROSS ALPHA	5.000 pCi/g	4.00 pCi/g	125%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS439794	SSG2292JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS439794	SSG2292JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439794	SSG2292JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439794	SSG2292JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS439794	SSG2292JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS439794	SSG2292JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS439794	SSG2292JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439794	SSG2292JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439794	SSG2292JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439794	SSG2292JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439794	SSG2292JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS439894	SSG2293JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS439894	SSG2293JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439894	SSG2293JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439894	SSG2293JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS439894	SSG2293JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS439894	SSG2293JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS439894	SSG2293JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439894	SSG2293JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439894	SSG2293JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439894	SSG2293JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439894	SSG2293JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS439994	SSG2294JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS439994	SSG2294JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439994	SSG2294JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439994	SSG2294JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS439994	SSG2294JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS439994	SSG2294JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS439994	SSG2294JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS439994	SSG2294JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS439994	SSG2294JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439994	SSG2294JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439994	SSG2294JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS439994	SSG2294JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440094	SSG2565JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440094	SSG2295JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440094	SSG2565JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2295JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2565JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2295JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2565JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2295JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2565JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440094	SSG2295JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440094	SSG2295JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440094	SSG2565JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440094	SSG2295JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440094	SSG2565JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS440094	SSG2295JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440094	SSG2565JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440094	SSG2295JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440094	SSG2565JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440094	SSG2295JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440094	SSG2565JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440094	SSG2295JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440094	SSG2565JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440094	SSG2295JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440194	SSG2296JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440194	SSG2296JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440194	SSG2296JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440194	SSG2296JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440194	SSG2296JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440194	SSG2296JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440194	SSG2296JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440194	SSG2296JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440194	SSG2296JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440194	SSG2296JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440194	SSG2296JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440294	SSG2562JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440294	SSG2297JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440294	SSG2562JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2297JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2562JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2297JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2562JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2297JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2562JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440294	SSG2297JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440294	SSG2297JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440294	SSG2562JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS440294	SSG2297JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440294	SSG2297JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440294	SSG2562JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440294	SSG2562JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440294	SSG2297JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440294	SSG2562JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440294	SSG2297JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440294	SSG2562JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440294	SSG2297JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440294	SSG2562JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440294	SSG2297JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440394	SSG2298JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440394	SSG2298JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440394	SSG2298JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440394	SSG2298JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440394	SSG2298JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440394	SSG2298JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440394	SSG2298JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS440394	SSG2298JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440394	SSG2298JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440394	SSG2298JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440394	SSG2298JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440394	SSG2298JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440494	SSG2299JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440494	SSG2299JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440494	SSG2299JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440494	SSG2299JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440494	SSG2299JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440494	SSG2299JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440494	SSG2299JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440494	SSG2299JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440494	SSG2299JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440494	SSG2299JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440494	SSG2299JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440594	SSG2300JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440594	SSG2300JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440594	SSG2300JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440594	SSG2300JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440594	SSG2300JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440594	SSG2300JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440594	SSG2300JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440594	SSG2300JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440594	SSG2300JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS440594	SSG2300JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440594	SSG2300JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440694	SSG2301JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440694	SSG2301JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440694	SSG2301JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440694	SSG2301JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440694	SSG2301JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440694	SSG2301JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440694	SSG2301JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440694	SSG2301JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440694	SSG2301JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440694	SSG2301JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440694	SSG2301JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440794	SSG2302JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440794	SSG2302JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440794	SSG2302JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440794	SSG2302JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440794	SSG2302JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440794	SSG2302JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440794	SSG2302JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440794	SSG2302JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440794	SSG2302JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440794	SSG2302JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440794	SSG2302JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440894	SSG2568JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440894	SSG2303JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440894	SSG2568JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS440894	SSG2303JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2568JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2303JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2568JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2303JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2568JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440894	SSG2303JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440894	SSG2303JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440894	SSG2568JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440894	SSG2303JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440894	SSG2568JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440894	SSG2568JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440894	SSG2303JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440894	SSG2568JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440894	SSG2303JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440894	SSG2568JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440894	SSG2303JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440894	SSG2568JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440894	SSG2303JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS440994	SSG2304JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS440994	SSG2304JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440994	SSG2304JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440994	SSG2304JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS440994	SSG2304JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS440994	SSG2304JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS440994	SSG2304JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS440994	SSG2304JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS440994	SSG2304JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440994	SSG2304JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440994	SSG2304JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS440994	SSG2304JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441094	SSG2305JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441094	SSG2305JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441094	SSG2305JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441094	SSG2305JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441094	SSG2305JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441094	SSG2305JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441094	SSG2305JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441094	SSG2305JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441094	SSG2305JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441094	SSG2305JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441094	SSG2305JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441194	SSG2306JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441194	SSG2306JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	SSG2306JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	SSG2306JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	SSG2306JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS441194	BFG0121JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441194	BFG0121JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441194	BFG0121JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441194	BFG0121JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441194	SSG2306JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441194	BFG0121JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441194	BFG0121JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441194	SSG2306JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441194	SSG2306JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	SSG2306JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	SSG2306JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS441194	BFG0121JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	BFG0121JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	BFG0121JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	BFG0121JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	BFG0121JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	BFG0121JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441194	SSG2306JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441194	BFG0121JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441294	SSG2307JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441294	SSG2307JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441294	SSG2307JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441294	SSG2307JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441294	SSG2307JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441294	SSG2307JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441294	SSG2307JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441294	SSG2307JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441294	SSG2307JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441294	SSG2307JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441294	SSG2307JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441394	SSG2308JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441394	SSG2308JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441394	SSG2308JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441394	SSG2308JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441394	SSG2308JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441394	SSG2308JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441394	SSG2308JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441394	SSG2308JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS441394	SSG2308JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441394	SSG2308JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441394	SSG2308JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441394	SSG2308JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441494	SSG2309JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441494	SSG2309JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441494	SSG2309JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441494	SSG2309JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441494	SSG2309JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441494	SSG2309JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441494	SSG2309JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441494	SSG2309JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441494	SSG2309JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441494	SSG2309JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441494	SSG2309JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441594	SSG2310JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441594	SSG2310JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441594	SSG2310JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441594	SSG2310JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441594	SSG2310JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441594	SSG2310JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441594	SSG2310JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441594	SSG2310JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441594	SSG2310JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441594	SSG2310JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441594	SSG2310JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441694	SSG2311JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS441694	SSG2311JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441694	SSG2311JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441694	SSG2311JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441694	SSG2311JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441694	SSG2311JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441694	SSG2311JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441694	SSG2311JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441694	SSG2311JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441694	SSG2311JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441694	SSG2311JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441794	SSG2312JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441794	SSG2312JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441794	SSG2312JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441794	SSG2312JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441794	SSG2312JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441794	SSG2312JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441794	SSG2312JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441794	SSG2312JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441794	SSG2312JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441794	SSG2312JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441794	SSG2312JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441894	SSG2313JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441894	SSG2313JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441894	SSG2313JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441894	SSG2313JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441894	SSG2313JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS441894	SSG2313JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441894	SSG2313JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441894	SSG2313JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441894	SSG2313JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441894	SSG2313JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441894	SSG2313JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS441994	SSG2314JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS441994	SSG2314JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441994	SSG2314JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441994	SSG2314JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS441994	SSG2314JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS441994	SSG2314JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS441994	SSG2314JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS441994	SSG2314JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441994	SSG2314JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441994	SSG2314JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS441994	SSG2314JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS442094	SSG2315JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS442094	SSG2315JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442094	SSG2315JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442094	SSG2315JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS442094	SSG2315JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS442094	SSG2315JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS442094	SSG2315JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS442094	SSG2315JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442094	SSG2315JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442094	SSG2315JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442094	SSG2315JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442094	SSG2315JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS442194	SSG2316JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS442194	SSG2316JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442194	SSG2316JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442194	SSG2316JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS442194	SSG2316JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS442194	SSG2316JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS442194	SSG2316JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442194	SSG2316JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442194	SSG2316JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442194	SSG2316JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442194	SSG2316JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS442294	SSG2317JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS442294	SSG2317JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442294	SSG2317JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442294	SSG2317JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS442294	SSG2317JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS442294	SSG2317JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS442294	SSG2317JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS442294	SSG2317JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442294	SSG2317JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442294	SSG2317JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442294	SSG2317JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442294	SSG2317JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS442394	SSG2318JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS442394	SSG2318JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442394	SSG2318JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442394	SSG2318JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS442394	SSG2318JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS442394	SSG2318JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS442394	SSG2318JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442394	SSG2318JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442394	SSG2318JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442394	SSG2318JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442394	SSG2318JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS442494	SSG2319JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS442494	SSG2319JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442494	SSG2319JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442494	SSG2319JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS442494	SSG2319JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS442494	SSG2319JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS442494	SSG2319JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS442494	SSG2319JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442494	SSG2319JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442494	SSG2319JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442494	SSG2319JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442494	SSG2319JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS442594	SSG2320JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS442594	SSG2320JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442594	SSG2320JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442594	SSG2320JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS442594	SSG2320JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS442594	SSG2320JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS442594	SSG2320JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442594	SSG2320JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442594	SSG2320JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442594	SSG2320JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442594	SSG2320JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS442694	SSG2321JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS442694	SSG2321JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442694	SSG2321JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442694	SSG2321JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS442694	SSG2321JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS442694	SSG2321JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS442694	SSG2321JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS442694	SSG2321JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442694	SSG2321JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS442694	SSG2321JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS442694	SSG2321JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS443194	SSG2326JE	TRADS	PLUTONIUM-239/24	0.040 PCI/G	0.03 pCi/g	133%
160	SS443394	SSG2584JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS443394	SSG2328JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS443394	SSG2584JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2328JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2584JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2328JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2584JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2328JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2584JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS443394	SSG2328JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS443394	SSG2328JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS443394	SSG2584JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS443394	SSG2328JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS443394	SSG2584JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443394	SSG2584JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443394	SSG2328JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443394	SSG2584JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443394	SSG2328JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443394	SSG2584JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443394	SSG2328JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443394	SSG2584JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS443394	SSG2328JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS443494	SSG2328JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS443494	SSG2328JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443494	SSG2328JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS443494	SSG2329JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS443494	SSG2329JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS443494	SSG2329JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS443494	SSG2329JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443494	SSG2329JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443494	SSG2329JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443494	SSG2329JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443494	SSG2329JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS443594	SSG2330JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS443594	SSG2330JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443594	SSG2330JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443594	SSG2330JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS443594	SSG2330JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS443594	SSG2330JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS443594	SSG2330JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS443594	SSG2330JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443594	SSG2330JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443594	SSG2330JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS443594	SSG2330JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS444294	SSG2585JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS444294	SSG2337JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS444294	SSG2585JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2337JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2585JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2337JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2585JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2337JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS444294	SSG2585JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS444294	SSG2337JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS444294	SSG2337JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS444294	SSG2585JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS444294	SSG2337JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS444294	SSG2585JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444294	SSG2585JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444294	SSG2337JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444294	SSG2585JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444294	SSG2337JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444294	SSG2585JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444294	SSG2337JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444294	SSG2585JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS444294	SSG2337JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS444394	SSG2338JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS444394	SSG2338JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444394	SSG2338JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444394	SSG2338JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS444394	SSG2338JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS444394	SSG2338JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS444394	SSG2338JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS444394	SSG2338JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444394	SSG2338JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444394	SSG2338JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444394	SSG2338JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444394	SSG2338JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS444494	SSG2339JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS444494	SSG2339JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444494	SSG2339JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444494	SSG2339JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS444494	SSG2339JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS444494	SSG2339JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS444494	SSG2339JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS444494	SSG2339JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444494	SSG2339JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444494	SSG2339JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS444494	SSG2339JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS445194	SSG2346JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS445194	SSG2346JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445194	SSG2346JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445194	SSG2346JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS445194	SSG2346JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS445194	SSG2346JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS445194	SSG2346JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS445194	SSG2346JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445194	SSG2346JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445194	SSG2346JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445194	SSG2346JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445194	SSG2346JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS445294	SSG2347JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS445294	SSG2347JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445294	SSG2347JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445294	SSG2347JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS445294	SSG2347JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS445294	SSG2347JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS445294	SSG2347JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445294	SSG2347JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445294	SSG2347JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445294	SSG2347JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445294	SSG2347JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS445394	SSG2348JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS445394	SSG2348JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445394	SSG2348JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445394	SSG2348JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS445394	SSG2348JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS445394	SSG2348JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS445394	SSG2348JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS445394	SSG2348JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS445394	SSG2348JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445394	SSG2348JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445394	SSG2348JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS445394	SSG2348JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS446094	SSG2355JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS446094	SSG2355JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446094	SSG2355JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446094	SSG2355JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS446094	SSG2355JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS446094	SSG2355JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS446094	SSG2355JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446094	SSG2355JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446094	SSG2355JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446094	SSG2355JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446094	SSG2355JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS446194	SSG2356JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS446194	SSG2356JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446194	SSG2356JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446194	SSG2356JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS446194	SSG2356JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS446194	SSG2356JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS446194	SSG2356JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446194	SSG2356JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446194	SSG2356JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446194	SSG2356JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446194	SSG2356JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS446294	SSG2357JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS446294	SSG2357JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446294	SSG2357JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446294	SSG2357JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS446294	SSG2357JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS446294	SSG2357JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS446294	SSG2357JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446294	SSG2357JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446294	SSG2357JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446294	SSG2357JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446294	SSG2357JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS446894	SSG2363JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS446894	SSG2363JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446894	SSG2363JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446894	SSG2363JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS446894	SSG2363JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS446894	SSG2363JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS446894	SSG2363JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446894	SSG2363JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446894	SSG2363JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446894	SSG2363JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446894	SSG2363JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS446994	SSG2364JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS446994	SSG2364JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446994	SSG2364JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446994	SSG2364JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS446994	SSG2364JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS446994	SSG2364JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS446994	SSG2364JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS446994	SSG2364JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446994	SSG2364JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446994	SSG2364JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS446994	SSG2364JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS447094	SSG2365JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS447094	SSG2365JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447094	SSG2365JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447094	SSG2365JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS447094	SSG2365JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS447094	SSG2365JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS447094	SSG2365JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447094	SSG2365JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447094	SSG2365JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447094	SSG2365JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447094	SSG2365JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS447794	SSG2372JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS447794	SSG2372JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447794	SSG2372JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447794	SSG2372JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS447794	SSG2372JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS447794	SSG2372JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS447794	SSG2372JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS447794	SSG2372JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447794	SSG2372JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447794	SSG2372JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447794	SSG2372JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447794	SSG2372JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS447894	SSG2373JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS447894	SSG2373JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447894	SSG2373JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447894	SSG2373JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS447894	SSG2373JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS447894	SSG2373JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS447894	SSG2373JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS447894	SSG2373JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447894	SSG2373JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447894	SSG2373JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS447894	SSG2373JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS448594	SSG2380JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS448594	SSG2380JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448594	SSG2380JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448594	SSG2380JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS448594	SSG2380JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS448594	SSG2380JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS448594	SSG2380JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS448594	SSG2380JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448594	SSG2380JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448594	SSG2380JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448594	SSG2380JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448594	SSG2380JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS448694	SSG2381JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS448694	SSG2381JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448694	SSG2381JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448694	SSG2381JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS448694	SSG2381JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS448694	SSG2381JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS448694	SSG2381JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448694	SSG2381JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448694	SSG2381JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448694	SSG2381JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448694	SSG2381JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
160	SS448794	SSG2382JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
160	SS448794	SSG2382JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448794	SSG2382JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448794	SSG2382JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
160	SS448794	SSG2382JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
160	SS448794	SSG2382JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
160	SS448794	SSG2382JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 160							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
160	SS448794	SSG2382JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
160	SS448794	SSG2382JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448794	SSG2382JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448794	SSG2382JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
160	SS448794	SSG2382JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 161							
IHSS	**Sample Location**	**Sample ID Number**	**Analytical Parameter**	**Analyte**	**Real Sample Detection Limits**	**Required Detection Limits**	**Deviation**
161	*none*						

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 162							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
162	SS452994	SSG2417JE	TRADS	AMERICIUM-241	0.030 pCi/g	0.02 pCi/g	150%
162	SS452994	SSG2424JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
162	SS452994	SSG2424JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS452994	SSG2424JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS452994	SSG2424JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
162	SS452994	SSG2424JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
162	SS452994	SSG2424JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
162	SS452994	SSG2424JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS452994	SSG2424JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
162	SS452994	SSG2424JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
162	SS452994	SSG2424JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
162	SS452994	SSG2424JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
162	SS453094	SSG2425JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
162	SS453094	SSG2425JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS453094	SSG2425JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS453094	SSG2425JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
162	SS453094	SSG2425JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
162	SS453094	SSG2425JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
162	SS453094	SSG2425JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
162	SS453094	SSG2425JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
162	SS453094	SSG2425JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
162	SS453094	SSG2425JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
162	SS453094	SSG2425JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.1							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.1	SS454994	SSG2444JE	TRADS	AMERICIUM-241	0.040 pCi/g	0.02 pCi/g	200%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS456194	SSG2456JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456194	SSG2456JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456194	SSG2456JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456194	SSG2456JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456194	SSG2456JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456194	SSG2456JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456194	SSG2456JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456194	SSG2456JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456194	SSG2456JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456194	SSG2456JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456194	SSG2456JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456394	SSG2458JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456394	SSG2458JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456394	SSG2458JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456394	SSG2458JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456394	SSG2458JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456394	SSG2458JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456394	SSG2458JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456394	SSG2458JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456394	SSG2458JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456394	SSG2458JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456394	SSG2458JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456494	SSG2459JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456494	SSG2459JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456494	SSG2459JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456494	SSG2459JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456494	SSG2459JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%

350

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS456494	SSG2459JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456494	SSG2459JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456494	SSG2459JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456494	SSG2459JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456494	SSG2459JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456494	SSG2459JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456494	SSG2459JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456594	SSG2460JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456594	SSG2460JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456594	SSG2460JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456594	SSG2460JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456594	SSG2460JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456594	SSG2460JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456594	SSG2460JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456594	SSG2460JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456594	SSG2460JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456594	SSG2460JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456594	SSG2460JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456694	SSG2461JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456694	SSG2461JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456694	SSG2461JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456694	SSG2461JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456694	SSG2461JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456694	SSG2461JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456694	SSG2461JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS456694	SSG2461JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456694	SSG2461JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456694	SSG2461JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456694	SSG2461JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456694	SSG2461JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456794	SSG2462JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456794	SSG2634JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456794	SSG2462JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2462JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2462JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2462JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456794	SSG2462JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456794	SSG2462JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2462JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456794	SSG2462JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456794	SSG2462JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456794	SSG2462JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456794	SSG2634JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2634JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2634JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2634JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456794	SSG2634JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456794	SSG2634JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS456794	SSG2634JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456794	SSG2634JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456794	SSG2634JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456794	SSG2634JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456794	SSG2634JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456894	SSG2463JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456894	SSG2463JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456894	SSG2463JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456894	SSG2463JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456894	SSG2463JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456894	SSG2463JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456894	SSG2463JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456894	SSG2463JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456894	SSG2463JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456894	SSG2463JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456894	SSG2463JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS456994	SSG2464JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456994	SSG2464JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456994	SSG2464JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456994	SSG2464JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456994	SSG2464JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS456994	SSG2464JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS456994	SSG2464JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS456994	SSG2464JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS456994	SSG2464JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456994	SSG2464JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456994	SSG2464JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS456994	SSG2464JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457094	SSG2465JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457094	SSG2465JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457094	SSG2465JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457094	SSG2465JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457094	SSG2465JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457094	SSG2465JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457094	SSG2465JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457094	SSG2465JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457094	SSG2465JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457094	SSG2465JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457094	SSG2465JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457194	SSG2466JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457194	SSG2466JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457194	SSG2466JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457194	SSG2466JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457194	SSG2466JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457194	SSG2466JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457194	SSG2466JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457194	SSG2466JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457194	SSG2466JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS457194	SSG2466JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457194	SSG2466JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457294	SSG2467JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457294	SSG2467JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457294	SSG2467JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457294	SSG2467JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457294	SSG2467JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457294	SSG2467JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457294	SSG2467JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457294	SSG2467JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457294	SSG2467JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457294	SSG2467JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457294	SSG2467JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457394	SSG2468JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457394	SSG2468JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457394	SSG2468JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457394	SSG2468JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457394	SSG2468JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457394	SSG2468JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457394	SSG2468JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457394	SSG2468JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457394	SSG2468JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457394	SSG2468JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457394	SSG2468JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457494	SSG2469JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457494	SSG2469JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457494	SSG2469JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS457494	SSG2469JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457494	SSG2469JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457494	SSG2469JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457494	SSG2469JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457494	SSG2469JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457494	SSG2469JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457494	SSG2469JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457494	SSG2469JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457594	SSG2470JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457594	SSG2470JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457594	SSG2470JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457594	SSG2470JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457594	SSG2470JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457594	SSG2470JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457594	SSG2470JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457594	SSG2470JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457594	SSG2470JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457594	SSG2470JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457594	SSG2470JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457694	SSG2471JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457694	SSG2471JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457694	SSG2471JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457694	SSG2471JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457694	SSG2471JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457694	SSG2471JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS457694	SSG2471JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457694	SSG2471JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457694	SSG2471JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457694	SSG2471JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457694	SSG2471JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457694	SSG2471JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457794	SSG2472JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457794	SSG2472JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457794	SSG2472JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457794	SSG2472JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457794	SSG2472JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457794	SSG2472JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457794	SSG2472JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457794	SSG2472JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457794	SSG2472JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457794	SSG2472JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457794	SSG2472JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457894	SSG2473JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457894	SSG2473JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2473JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2473JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2473JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457894	SSG2473JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457894	SSG2473JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS457894	SSG2473JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2473JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457894	SSG2473JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457894	SSG2473JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457894	SSG2473JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457894	SSG2644JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457894	SSG2644JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2644JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2644JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2644JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457894	SSG2644JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457894	SSG2644JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2644JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457894	SSG2644JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457894	SSG2644JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457894	SSG2644JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS457894	SSG2474JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457894	SSG2474JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2474JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2474JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457894	SSG2474JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS457894	SSG2474JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS457894	SSG2474JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS457894	SSG2474JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS457994	SSG2474JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS457994	SSG2474JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS457994	SSG2474JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS457994	SSG2474JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457994	SSG2474JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS457994	SSG2474JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457994	SSG2474JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457994	SSG2474JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS457994	SSG2474JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458094	SSG2475JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458094	SSG2475JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458094	SSG2475JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458094	SSG2475JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458094	SSG2475JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458094	SSG2475JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458094	SSG2475JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458094	SSG2475JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458094	SSG2475JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458094	SSG2475JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458094	SSG2475JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458194	SSG2476JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458194	SSG2476JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458194	SSG2476JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458194	SSG2476JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458194	SSG2476JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458194	SSG2476JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458194	SSG2476JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458194	SSG2476JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS458194	SSG2476JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458194	SSG2476JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458194	SSG2476JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458194	SSG2476JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458294	SSG2477JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458294	SSG2477JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458294	SSG2477JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458294	SSG2477JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458294	SSG2477JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458294	SSG2477JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458294	SSG2477JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458294	SSG2477JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458294	SSG2477JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458294	SSG2477JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458294	SSG2477JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458394	SSG2478JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458394	SSG2478JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458394	SSG2478JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458394	SSG2478JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458394	SSG2478JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458394	SSG2478JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458394	SSG2478JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458394	SSG2478JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458394	SSG2478JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458394	SSG2478JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458394	SSG2478JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458494	SSG2479JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS458494	SSG2479JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458494	SSG2479JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458494	SSG2479JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458494	SSG2479JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458494	SSG2479JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458494	SSG2479JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458494	SSG2479JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458494	SSG2479JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458494	SSG2479JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458494	SSG2479JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458594	SSG2480JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458594	SSG2480JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458594	SSG2480JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458594	SSG2480JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458594	SSG2480JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458594	SSG2480JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458594	SSG2480JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458594	SSG2480JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458594	SSG2480JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458594	SSG2480JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458594	SSG2480JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458794	SSG2482JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458794	SSG2482JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458794	SSG2482JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458794	SSG2482JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458794	SSG2482JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS458794	SSG2482JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458794	SSG2482JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458794	SSG2482JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458794	SSG2482JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458794	SSG2482JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458794	SSG2482JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458894	SSG2483JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458894	SSG2483JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458894	SSG2483JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458894	SSG2483JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458894	SSG2483JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458894	SSG2483JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458894	SSG2483JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458894	SSG2483JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458894	SSG2483JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458894	SSG2483JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458894	SSG2483JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS458994	SSG2484JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458994	SSG2484JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458994	SSG2484JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458994	SSG2484JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458994	SSG2484JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS458994	SSG2484JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS458994	SSG2484JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS458994	SSG2484JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS458994	SSG2484JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458994	SSG2484JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458994	SSG2484JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS458994	SSG2484JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS459094	SSG2485JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459094	SSG2485JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459094	SSG2485JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459094	SSG2485JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459094	SSG2485JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS459094	SSG2485JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS459094	SSG2485JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459094	SSG2485JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459094	SSG2485JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459094	SSG2485JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459094	SSG2485JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS459194	SSG2486JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459194	SSG2486JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459194	SSG2486JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459194	SSG2486JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459194	SSG2486JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS459194	SSG2486JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS459194	SSG2486JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS459194	SSG2486JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459194	SSG2486JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459194	SSG2486JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459194	SSG2486JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459194	SSG2486JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS459294	SSG2487JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459294	SSG2487JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459294	SSG2487JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459294	SSG2487JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459294	SSG2487JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS459294	SSG2487JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS459294	SSG2487JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459294	SSG2487JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459294	SSG2487JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459294	SSG2487JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459294	SSG2487JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS459394	SSG2488JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459394	SSG2488JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459394	SSG2488JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459394	SSG2488JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459394	SSG2488JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS459394	SSG2488JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS459394	SSG2488JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%

TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.2							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.2	SS459394	SSG2488JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459394	SSG2488JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459394	SSG2488JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459394	SSG2488JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459394	SSG2488JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS459494	SSG2489JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459494	SSG2489JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459494	SSG2489JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459494	SSG2489JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459494	SSG2489JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
164.2	SS459494	SSG2489JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
164.2	SS459494	SSG2489JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
164.2	SS459494	SSG2489JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459494	SSG2489JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459494	SSG2489JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
164.2	SS459494	SSG2489JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
164.2	SS459494	SSG2489JE	VOACLP	VINYL ACETATE	11.000 µg/kg	10.00 µg/kg	110%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS 164.3							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
164.3	SS466594	SSG2560JE	TRADS	AMERICIUM-241	0.030 pCi/g	0.02 pCi/g	150%

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TABLE E-4
OU14 Surface-Soil Samples
Summary of Elevated Detection Limits
Rocky Flats Environmental Technology Site

IHSS None							
IHSS	Sample Location	Sample ID Number	Analytical Parameter	Analyte	Real Sample Detection Limits	Required Detection Limits	Deviation
None	SS222693	SSG1468JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
	SS222693	SSG1468JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
	SS222693	SSG1468JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
	SS222693	SSG1468JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
	SS222693	SSG1468JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
	SS222693	SSG1468JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
	SS222693	SSG1468JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
	SS222693	SSG1468JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
	SS222693	SSG1468JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
	SS222693	SSG1468JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
	SS222693	SSG1468JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%
	SS223093	SSG1472JE	METADD	LITHIUM	100.000 mg/kg	20.00 mg/kg	500%
	SS223093	SSG1472JE	METADD	MOLYBDENUM	200.000 mg/kg	40.00 mg/kg	500%
	SS223093	SSG1472JE	METADD	STRONTIUM	200.000 mg/kg	40.00 mg/kg	500%
	SS223093	SSG1472JE	METADD	TIN	200.000 mg/kg	40.00 mg/kg	500%
	SS223093	SSG1472JE	METADD	CESIUM	1000.000 mg/kg	200.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	LEAD	3.000 mg/kg	1.00 mg/kg	300%
	SS223093	SSG1472JE	SMETCLP	BERYLLIUM	5.000 mg/kg	1.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	CADMIUM	5.000 mg/kg	1.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	SELENIUM	5.000 mg/kg	0.05 pCi/g	10000%
	SS223093	SSG1472JE	SMETCLP	ARSENIC	10.000 mg/kg	2.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	CHROMIUM	10.000 mg/kg	2.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	SILVER	10.000 mg/kg	2.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	THALLIUM	10.000 mg/kg	2.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	MANGANESE	15.000 mg/kg	3.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	ZINC	20.000 mg/kg	4.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	COPPER	25.000 mg/kg	5.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	NICKEL	40.000 mg/kg	8.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	COBALT	50.000 mg/kg	10.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	VANADIUM	50.000 mg/kg	10.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	ANTIMONY	60.000 mg/kg	12.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	IRON	100.000 mg/kg	20.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	ALUMINUM	200.000 mg/kg	40.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	BARIUM	200.000 mg/kg	40.00 mg/kg	500%
	SS223093	SSG1472JE	SMETCLP	MAGNESIUM	5000.000 mg/kg	2000.00 mg/kg	250%
	SS223093	SSG1472JE	SMETCLP	POTASSIUM	5000.000 mg/kg	2000.00 mg/kg	250%
	SS223093	SSG1472JE	SMETCLP	SODIUM	5000.000 mg/kg	2000.00 mg/kg	250%
	SS223093	SSG1472JE	SMETCLP	CALCIUM	5000.000 mg/kg	1000.00 mg/kg	500%

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TABLE E-5
OU14 Surface-Soil Samples
Sample Comparison (Required vs Actual)
Rocky Flats Environmental Technology Site

Data Completeness Evaluation Based on Collected Data According to the Sample Tracking Schedule

Surface-Soils	Required Number of Samples per Sampling Plan Specifications[1]	Actual Number of Standard Samples Collected Per Sampling Schedule[2]	Actual Number of BFGs Collected Per Sampling Schedule[2,3]	Total Number of Samples Collected Per Sampling Schedule	Deviation	Justification
EPA-CLP Semivolatile Organic Compounds (BNACLP)	36	53	0	53	17	Additional samples were collected in IHSS 131 as a result of field inspection which indicated that the sample grid required expansion to accurately characterize the IHSS.
EPA Chlorinated Herbicides (HERB8150)	2	2	0	2	0	None required.
Additional Metals (METADD)	0	104	1	105	105	These additional metals were collected to be consistent with the metals analyzed in adjacent/overlapping IHSSs in OUs 9 and 12.
EPA Pesticide/PCB (PESTCLP)	2	2	0	2	0	None required.
EPA-CLP Metals (SMETCLP)	87	104	1	105	18	Additional samples were collected in IHSS 131 as a result of field inspection which indicated that the sample grid required expansion to accurately characterize the IHSS.
Total Radionuclides (TRADS)	366	353	16	369	3	15 planned samples were not able to be collected because their grid location was beneath a Conex or in a Building. The BFGs were collected in order to accurately assess contaminants in varying soil media.
EPA-CLP Volatile Organics (VOACLP)	36	53	0	53	17	Additional samples were collected in IHSS 131 as a result of field inspection which indicated that the sample grid required expansion to accurately characterize the IHSS.
Water Quality Parameters List (pH)	18	NS	NS	NS	NS	None required.

Notes:

[1] Sampling Plan refers to the OU14 Field Sampling Plan as identified in the Final Phase I RFI/RI Work Plan Operable Unit 14 Radioactive Sites (DOE 1992) and as updated by the Draft Final Integrated Field Sampling Plan Industrial Area Operable Units Rocky Flats Plant Operable Units 8, 9,10,12,13, & 14 Phase I RFI/RI (Non-Intrusive Investigations) (DOE 1994).

[2] Sampling Schedule refers to the Jacobs Engineering Sample Tracking Schedule that recorded all samples actually collected in the field. Two samples not on this schedule that were collected in support of OU14 work are reflected in the number of radionuclide and metal samples. These two samples were located near OU14 IHSSs, but not within their boundaries. NS = Number of Samples Not Specified in Sampling Tracking Schedule.

[3] BFGs represent fill material samples that were taken in addition to the standard soil samples at the same location because a unique geologic medium was identified during field work. At the time of the Field Sampling Plan it was not known that these types of samples needed to be collected.

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TABLE E-6
OU14 Surface-Soil Sample
Data Completeness
Rocky Flats Environmental Technology Site

Analytical Parameter	Total Number of Data Points Received as of March 7, 1995	Total Number of Valid Data Points as of March 7,	Total Number of Rejected Data Points as of March 7, 1995	Total Number of Data Points Not Yet Validated as of March 7, 1995	Percentage of Valid/Acceptable Data Points Based on Available Validated Data as of March 7, 1995	Percentage of Available Data that were Validated as of March 7, 1995	Completeness Goal
EPA-CLP Semivolatile Organics (BNACLP)	4,181	715	0	3,165	100%	24%	95%
EPA Chlorinated Herbicides (HERB8150)	22	0	0	22	100%	0%	95%
Additional Metals (METADD)	530	525	0	5	100%	99%	95%
EPA Pesticide/PCB (PESTCLP)	56	0	0	56	100%	0%	95%
EPA-CLP Metals (SMETCLP)	2,438	2,401	14	23	99%	99%	95%
Total Radiochemistry (TRADS)	2,145	621	1	1,579	100%	26%	95%
EPA-CLP Volatile Organics (VOACLP)	1,996	1,109	13	753	99%	62%	95%
Water Quality Parameters (pH)	15	15	0	0	100%	100%	95%

Note: the total number of data points received may exceed the sum of validated (V, A, JA), rejected (R) and yet to be validated (Y) data. This discrepancy is due to "Z" data which will not be validated.

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TAbLE E-7
OU14 Surface Soil Samples for IHSS 131
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Primary Sample Results	Evaluation Required	Threshold Value	True Detect for Primary Results?
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	SMETCLP	BARIUM	0.920 B µg/L	68.500 mg/kg	YES	0.0046 mg/kg	YES
		SS432394	SSG2218JE					49.600 mg/kg	YES	0.0046 mg/kg	YES
		SS432494	SSG2219JE					45.600 mg/kg	YES	0.0046 mg/kg	YES
		SS431394	SSG2208JE					52.100 mg/kg	YES	0.0046 mg/kg	YES
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	SMETCLP	CALCIUM	82.300 B µg/L	3340.000 mg/kg	YES	0.4115 mg/kg	YES
		SS432394	SSG2218JE					2850.000 mg/kg	YES	0.4115 mg/kg	YES
		SS432494	SSG2219JE					2970.000 mg/kg	YES	0.4115 mg/kg	YES
		SS431394	SSG2208JE					3590.000 mg/kg	YES	0.4115 mg/kg	YES
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	SMETCLP	LEAD	5.200 µg/L	16.900 mg/kg	YES	0.026 mg/kg	YES
		SS432394	SSG2218JE					19.900 mg/kg	YES	0.026 mg/kg	YES
		SS432494	SSG2219JE					18.000 mg/kg	YES	0.026 mg/kg	YES
		SS431394	SSG2208JE					15.800 mg/kg	YES	0.026 mg/kg	YES
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	SMETCLP	MAGNESIUM	35.500 B µg/L	1700.000 mg/kg	YES	0.1775 mg/kg	YES
		SS432394	SSG2218JE					1670.000 mg/kg	YES	0.1775 mg/kg	YES
		SS432494	SSG2219JE					2250.000 mg/kg	YES	0.1775 mg/kg	YES
		SS431394	SSG2208JE					2580.000 mg/kg	YES	0.1775 mg/kg	YES
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	VOACLP	METHYLENE CHLORIDE	12.000 B µg/L	7.000 B µg/kg	YES	0.12 mg/kg	YES
		SS432394	SSG2218JE					9.000 B µg/kg	YES	0.12 mg/kg	YES
		SS432494	SSG2219JE					8.000 B µg/kg	YES	0.12 mg/kg	YES
		SS431394	SSG2208JE					9.000 B µg/kg	YES	0.12 mg/kg	YES
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	SMETCLP	POTASSIUM	597.000 B µg/L	1130.000 B mg/kg	YES	2.985 mg/kg	YES
		SS432394	SSG2218JE					1150.000 mg/kg	YES	2.985 mg/kg	YES
		SS432494	SSG2219JE					1250.000 mg/kg	YES	2.985 mg/kg	YES
		SS431394	SSG2208JE					1200.000 mg/kg	YES	2.985 mg/kg	YES
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	SMETCLP	SODIUM	703.000 B µg/L	140.000 B mg/kg	YES	3.515 mg/kg	YES
		SS432394	SSG2218JE					160.000 B mg/kg	YES	3.515 mg/kg	YES
		SS432494	SSG2219JE					110.000 B mg/kg	YES	3.515 mg/kg	YES
		SS431394	SSG2208JE					154.000 B mg/kg	YES	3.515 mg/kg	YES
SS432394	SSG2653JE	SS431494	SSG2209JE	02-NOV-94	SMETCLP	ZINC	7.400 B µg/L	41.500 mg/kg	YES	0.037 mg/kg	YES
		SS432394	SSG2218JE					81.300 mg/kg	YES	0.037 mg/kg	YES
		SS432494	SSG2219JE					86.100 mg/kg	YES	0.037 mg/kg	YES
		SS431394	SSG2208JE					59.900 mg/kg	YES	0.037 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	ALUMINUM	54.500 B µg/L	7370.000 mg/kg	YES	0.2725 mg/kg	YES
		SS432194	SSG2216JE					15000.000 mg/kg	YES	0.2725 mg/kg	YES
		SS432294	SSG2217JE					11200.000 mg/kg	YES	0.2725 mg/kg	YES
		SS431294	SSG2207JE					7830.000 mg/kg	YES	0.2725 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	ARSENIC	1.700 B µg/L	3.700 mg/kg	YES	0.0085 mg/kg	YES
		SS432194	SSG2216JE					8.400 mg/kg	YES	0.0085 mg/kg	YES
		SS432294	SSG2217JE					7.200 mg/kg	YES	0.0085 mg/kg	YES
		SS431294	SSG2207JE					4.000 mg/kg	YES	0.0085 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	BARIUM	2.400 B µg/L	57.900 mg/kg	YES	0.012 mg/kg	YES
		SS432194	SSG2216JE					134.000 mg/kg	YES	0.012 mg/kg	YES
		SS432294	SSG2217JE					105.000 mg/kg	YES	0.012 mg/kg	YES
		SS431294	SSG2207JE					69.000 mg/kg	YES	0.012 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	BNACLP	BUTYL BENZYL PHTHALATE	97.000 µg/L	150.000 BJ µg/kg	YES	0.485 mg/kg	YES
		SS432194	SSG2216JE					170.000 BJ µg/kg	YES	0.485 mg/kg	YES
		SS432294	SSG2217JE					140.000 BJ µg/kg	YES	0.485 mg/kg	YES
		SS431294	SSG2207JE					250.000 BJ µg/kg	YES	0.485 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	CALCIUM	620.000 B µg/L	3770.000 mg/kg	YES	3.1 mg/kg	YES
		SS432194	SSG2216JE					3660.000 mg/kg	YES	3.1 mg/kg	YES
		SS432294	SSG2217JE					3250.000 mg/kg	YES	3.1 mg/kg	YES

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TABLE E-7
OU14 Surface Soil Samples for IHSS 131
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Primary Sample Results	Evaluation Required	Threshold Value	True Detect for Primary Results?
		SS431294	SSG2207JE					5100.000 mg/kg	YES	3.1 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	IRON	91.600 B µg/L	10100.000 mg/kg	YES	0.458 mg/kg	YES
		SS432194	SSG2216JE					15800.000 mg/kg	YES	0.458 mg/kg	YES
		SS432294	SSG2217JE					12600.000 mg/kg	YES	0.458 mg/kg	YES
		SS431294	SSG2207JE					10800.000 mg/kg	YES	0.458 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	LEAD	3.500 µg/L	16.200 mg/kg	YES	0.0175 mg/kg	YES
		SS432194	SSG2216JE					17.300 mg/kg	YES	0.0175 mg/kg	YES
		SS432294	SSG2217JE					12.100 mg/kg	YES	0.0175 mg/kg	YES
		SS431294	SSG2207JE					14.100 mg/kg	YES	0.0175 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	MAGNESIUM	63.200 B µg/L	1920.000 mg/kg	YES	0.316 mg/kg	YES
		SS432194	SSG2216JE					2170.000 mg/kg	YES	0.316 mg/kg	YES
		SS432294	SSG2217JE					1890.000 mg/kg	YES	0.316 mg/kg	YES
		SS431294	SSG2207JE					2030.000 mg/kg	YES	0.316 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	MANGANESE	2.000 B µg/L	264.000 mg/kg	YES	0.01 mg/kg	YES
		SS432194	SSG2216JE					187.000 mg/kg	YES	0.01 mg/kg	YES
		SS432294	SSG2217JE					124.000 mg/kg	YES	0.01 mg/kg	YES
		SS431294	SSG2207JE					180.000 mg/kg	YES	0.01 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	VOACLP	METHYLENE CHLORIDE	2.000 BJ µg/L	4.000 BJ µg/kg	YES	0.02 mg/kg	YES
		SS432194	SSG2216JE					4.000 BJ µg/kg	YES	0.02 mg/kg	YES
		SS432294	SSG2217JE					4.000 BJ µg/kg	YES	0.02 mg/kg	YES
		SS431294	SSG2207JE					3.000 BJ µg/kg	YES	0.02 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	POTASSIUM	1250.000 B µg/L	1360.000 mg/kg	YES	6.25 mg/kg	YES
		SS432194	SSG2216JE					1460.000 mg/kg	YES	6.25 mg/kg	YES
		SS432294	SSG2217JE					1340.000 mg/kg	YES	6.25 mg/kg	YES
		SS431294	SSG2207JE					1310.000 mg/kg	YES	6.25 mg/kg	YES
SS432294	SSG2662JE	SS431594	SSG2210JE	11-NOV-94	SMETCLP	SODIUM	1260.000 B µg/L	119.000 B mg/kg	YES	6.3 mg/kg	YES
		SS432194	SSG2216JE					119.000 B mg/kg	YES	6.3 mg/kg	YES
		SS432294	SSG2217JE					169.000 B mg/kg	YES	6.3 mg/kg	YES
		SS431294	SSG2207JE					94.600 B mg/kg	YES	6.3 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	VOACLP	ACETONE	2.000 J µg/L	71.000 B µg/kg	YES	0.02 mg/kg	YES
		SS431194	SSG2206JE					57.000 B µg/kg	YES	0.02 mg/kg	YES
		SS432594	SSG2220JE					74.000 B µg/kg	YES	0.02 mg/kg	YES
		SS432694	SSG2221JE					64.000 B µg/kg	YES	0.02 mg/kg	YES
		SS430494	SSG2199JE					18.000 B µg/kg	YES	0.02 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	SMETCLP	ALUMINUM	30.000 B µg/L	3500.000 mg/kg	YES	0.15 mg/kg	YES
		SS431194	SSG2206JE					5040.000 mg/kg	YES	0.15 mg/kg	YES
		SS432594	SSG2220JE					1460.000 mg/kg	YES	0.15 mg/kg	YES
		SS432694	SSG2221JE					3380.000 mg/kg	YES	0.15 mg/kg	YES
		SS430494	SSG2199JE					3170.000 mg/kg	YES	0.15 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	SMETCLP	CALCIUM	405.000 B µg/L	2220.000 mg/kg	YES	2.025 mg/kg	YES
		SS431194	SSG2206JE					2230.000 mg/kg	YES	2.025 mg/kg	YES
		SS432594	SSG2220JE					1000.000 B mg/kg	YES	2.025 mg/kg	YES
		SS432694	SSG2221JE					1250.000 mg/kg	YES	2.025 mg/kg	YES
		SS430494	SSG2199JE					1720.000 mg/kg	YES	2.025 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	SMETCLP	IRON	41.200 B µg/L	7390.000 mg/kg	YES	0.206 mg/kg	YES
		SS431194	SSG2206JE					8440.000 mg/kg	YES	0.206 mg/kg	YES
		SS432594	SSG2220JE					3040.000 mg/kg	YES	0.206 mg/kg	YES
		SS432694	SSG2221JE					7650.000 mg/kg	YES	0.206 mg/kg	YES
		SS430494	SSG2199JE					6790.000 mg/kg	YES	0.206 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	SMETCLP	LEAD	2.400 B µg/L	5.700 mg/kg	YES	0.012 mg/kg	YES
		SS431194	SSG2206JE					14.700 mg/kg	YES	0.012 mg/kg	YES

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OU14 Surface Soil Samples for IHSS 131
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Primary Sample Results	Evaluation Required	Threshold Value	True Detect for Primary Results?
		SS432594	SSG2220JE					5.800 mg/kg	YES	0.012 mg/kg	YES
		SS432694	SSG2221JE					9.700 mg/kg	YES	0.012 mg/kg	YES
		SS430494	SSG2199JE					5.900 mg/kg	YES	0.012 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	SMETCLP	MAGNESIUM	56.500 B µg/L	1900.000 mg/kg	YES	0.2825 mg/kg	YES
		SS431194	SSG2206JE					1830.000 mg/kg	YES	0.2825 mg/kg	YES
		SS432594	SSG2220JE					417.000 B mg/kg	YES	0.2825 mg/kg	YES
		SS432694	SSG2221JE					1660.000 mg/kg	YES	0.2825 mg/kg	YES
		SS430494	SSG2199JE					1750.000 mg/kg	YES	0.2825 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	SMETCLP	MANGANESE	0.920 B µg/L	149.000 mg/kg	YES	0.0046 mg/kg	YES
		SS431194	SSG2206JE					146.000 mg/kg	YES	0.0046 mg/kg	YES
		SS432594	SSG2220JE					32.100 mg/kg	YES	0.0046 mg/kg	YES
		SS432694	SSG2221JE					143.000 mg/kg	YES	0.0046 mg/kg	YES
		SS430494	SSG2199JE					131.000 mg/kg	YES	0.0046 mg/kg	YES
SS432694	SSG2663JE	SS431094	SSG2205JE	14-NOV-94	SMETCLP	POTASSIUM	152.000 B µg/L	1160.000 mg/kg	YES	0.76 mg/kg	YES
		SS431194	SSG2206JE					1260.000 mg/kg	YES	0.76 mg/kg	YES
		SS432594	SSG2220JE					496.000 B mg/kg	YES	0.76 mg/kg	YES
		SS432694	SSG2221JE					1150.000 mg/kg	YES	0.76 mg/kg	YES
		SS430494	SSG2199JE					1040.000 B mg/kg	YES	0.76 mg/kg	YES
SS430594	SSG2665JE	SS430694	SSG2201JE	15-NOV-94	SMETCLP	ALUMINUM	42.800 B µg/L	3770.000 mg/kg	YES	0.214 mg/kg	YES
		SS430794	SSG2202JE					4060.000 mg/kg	YES	0.214 mg/kg	YES
		SS430894	SSG2203JE					4010.000 mg/kg	YES	0.214 mg/kg	YES
		SS430994	SSG2204JE					5030.000 mg/kg	YES	0.214 mg/kg	YES
		SS430594	SSG2200JE					4880.000 mg/kg	YES	0.214 mg/kg	YES
SS430594	SSG2665JE	SS430694	SSG2201JE	15-NOV-94	SMETCLP	IRON	48.300 B µg/L	8080.000 mg/kg	YES	0.2415 mg/kg	YES
		SS430794	SSG2202JE					9020.000 mg/kg	YES	0.2415 mg/kg	YES
		SS430894	SSG2203JE					8640.000 mg/kg	YES	0.2415 mg/kg	YES
		SS430994	SSG2204JE					7630.000 mg/kg	YES	0.2415 mg/kg	YES
		SS430594	SSG2200JE					8180.000 mg/kg	YES	0.2415 mg/kg	YES
SS430594	SSG2665JE	SS430694	SSG2201JE	15-NOV-94	SMETCLP	LEAD	1.900 B µg/L	4.900 mg/kg	YES	0.0095 mg/kg	YES
		SS430794	SSG2202JE					7.100 mg/kg	YES	0.0095 mg/kg	YES
		SS430894	SSG2203JE					6.800 mg/kg	YES	0.0095 mg/kg	YES
		SS430994	SSG2204JE					8.800 mg/kg	YES	0.0095 mg/kg	YES
		SS430594	SSG2200JE					10.200 mg/kg	YES	0.0095 mg/kg	YES
SS430594	SSG2665JE	SS430694	SSG2201JE	15-NOV-94	SMETCLP	MAGNESIUM	30.200 B µg/L	2030.000 mg/kg	YES	0.151 mg/kg	YES
		SS430794	SSG2202JE					1990.000 mg/kg	YES	0.151 mg/kg	YES
		SS430894	SSG2203JE					2040.000 mg/kg	YES	0.151 mg/kg	YES
		SS430994	SSG2204JE					1270.000 mg/kg	YES	0.151 mg/kg	YES
		SS430594	SSG2200JE					1820.000 mg/kg	YES	0.151 mg/kg	YES
SS430594	SSG2665JE	SS430694	SSG2201JE	15-NOV-94	SMETCLP	POTASSIUM	550.000 B µg/L	1160.000 mg/kg	YES	2.75 mg/kg	YES
		SS430794	SSG2202JE					1220.000 mg/kg	YES	2.75 mg/kg	YES
		SS430894	SSG2203JE					1230.000 mg/kg	YES	2.75 mg/kg	YES
		SS430994	SSG2204JE					1310.000 mg/kg	YES	2.75 mg/kg	YES
		SS430594	SSG2200JE					1450.000 mg/kg	YES	2.75 mg/kg	YES
SS430594	SSG2665JE	NA	NA	15-NOV-94	SMETCLP	SODIUM	867.000 B µg/L	NA	NO	4.335 mg/kg	NA

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OU14 Surface Soil Samples for IHSS 156.1
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results			Primary Sample Results			Evaluation Required	Threshold Value		True Detect for Primary Results?
SS433194	SSG2658JE	SS433094	SSG2225JE	08-NOV-94	TRADS	URANIUM-233,-234	0.110	J	pCi/L	1.000		pCi/g	YES	0.00055	pCi/g	YES
		SS433194	SSG2226JE							0.970		pCi/g	YES	0.00055	pCi/g	YES
		SS433294	SSG2227JE							1.200		pCi/g	YES	0.00055	pCi/g	YES
		SS436794	SSG2262JE							0.550		pCi/g	YES	0.00055	pCi/g	YES
SS438794	SSG2632JE	SS438594	SSG2280JE	18-OCT-94	TRADS	GROSS ALPHA	0.430	J	pCi/L	14.000		pCi/g	YES	0.00215	pCi/g	YES
		SS438794	SSG2282JE							9.100		pCi/g	YES	0.00215	pCi/g	YES
		SS456594	SSG2460JE							17.000		pCi/g	YES	0.00215	pCi/g	YES
		SS456694	SSG2461JE							13.000		pCi/g	YES	0.00215	pCi/g	YES
		SS456794	SSG2462JE							9.200		pCi/g	YES	0.00215	pCi/g	YES
		SS456894	SSG2463JE							15.000		pCi/g	YES	0.00215	pCi/g	YES
		SS457494	SSG2469JE							12.000		pCi/g	YES	0.00215	pCi/g	YES
		SS457594	SSG2470JE							11.000		pCi/g	YES	0.00215	pCi/g	YES
		SS457694	SSG2471JE							16.000		pCi/g	YES	0.00215	pCi/g	YES
SS438794	SSG2632JE	SS438594	SSG2280JE	18-OCT-94	TRADS	PLUTONIUM-239/240	0.005	J	pCi/L	0.035		pCi/g	YES	0.000025	pCi/g	YES
		SS438794	SSG2282JE							0.011	J	pCi/g	YES	0.000025	pCi/g	YES
		SS456594	SSG2460JE							0.015	J	pCi/g	YES	0.000025	pCi/g	YES
		SS456694	SSG2461JE							0.022	J	pCi/g	YES	0.000025	pCi/g	YES
		SS456794	SSG2462JE							0.021	J	pCi/g	YES	0.000025	pCi/g	YES
		SS456894	SSG2463JE							0.027	J	pCi/g	YES	0.000025	pCi/g	YES
		SS457494	SSG2469JE							0.015	J	pCi/g	YES	0.000025	pCi/g	YES
		SS457594	SSG2470JE							0.027	J	pCi/g	YES	0.000025	pCi/g	YES
		SS457694	SSG2471JE							0.014	J	pCi/g	YES	0.000025	pCi/g	YES
SS434794	SSG2593JE	NA	NA	22-SEP-94	TRADS	AMERICIUM-241	0.005	J	pCi/L	NA			NO	0.000025	pCi/g	NA
SS437294	SSG2596JE	SS433394	SSG2228JE	27-SEP-94	TRADS	GROSS BETA	1.300	J	pCi/L	28.000		pCi/g	YES	0.0065	pCi/g	YES
		SS433894	SSG2233JE							36.000		pCi/g	YES	0.0065	pCi/g	YES
		SS434394	SSG2238JE							39.000		pCi/g	YES	0.0065	pCi/g	YES
		SS434894	SSG2243JE							39.000		pCi/g	YES	0.0065	pCi/g	YES
		SS435394	SSG2248JE							38.000		pCi/g	YES	0.0065	pCi/g	YES
		SS437294	SSG2267JE							26.000		pCi/g	YES	0.0065	pCi/g	YES
		SS462894	SSG2523JE							28.000		pCi/g	YES	0.0065	pCi/g	YES
		SS462994	SSG2524JE							30.000		pCi/g	YES	0.0065	pCi/g	YES
		SS463894	SSG2533JE							48.000		pCi/g	YES	0.0065	pCi/g	YES
		SS463994	SSG2534JE							28.000		pCi/g	YES	0.0065	pCi/g	YES
		SS464594	SSG2540JE							28.000		pCi/g	YES	0.0065	pCi/g	YES
		SS464694	SSG2541JE							26.000		pCi/g	YES	0.0065	pCi/g	YES

OU14 Surface Soil Samples for IHSS 160
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results			Primary Sample Results			Evaluation Required	Threshold Value		True Detect for Primary Results?
SS441094	SSG2566JE	SS441094	SSG2305JE	01-SEP-94	SMETCLP	LEAD	5.300		µg/L	5.200		mg/kg	YES	0.0265	mg/kg	YES
		SS440994	SSG2304JE							5.800		mg/kg	YES	0.0265	mg/kg	YES
SS441094	SSG2566JE	SS443894	BFG0122JE	01-SEP-94	TRADS	PLUTONIUM-239/240	0.005	J	pCi/L	0.094		pCi/g	YES	0.000025	pCi/g	YES
		SS440994	SSG2304JE							0.071	B	pCi/g	YES	0.000025	pCi/g	YES
		SS441094	SSG2305JE							0.037	B	pCi/g	YES	0.000025	pCi/g	YES
		SS443794	SSG2332JE							0.019	BJ	pCi/g	YES	0.000025	pCi/g	YES
		SS443894	SSG2333JE							0.130		pCi/g	YES	0.000025	pCi/g	YES
		SS443994	SSG2334JE							3.000	B	pCi/g	YES	0.000025	pCi/g	YES
		SS443894	BFG0122JE							0.094		pCi/g	YES	0.000025	pCi/g	YES
SS441094	SSG2566JE	SS441094	SSG2305JE	01-SEP-94	SMETCLP	POTASSIUM	115.000	B	µg/L	898.000	B	mg/kg	YES	0.575	mg/kg	YES
		SS440994	SSG2304JE							784.000	B	mg/kg	YES	0.575	mg/kg	YES
SS441094	SSG2566JE	SS441094	SSG2305JE	01-SEP-94	METADD	STRONTIUM	0.620	B	µg/L	10.500	B	mg/kg	YES	0.0031	mg/kg	YES
		SS440994	SSG2304JE							11.600	B	mg/kg	YES	0.0031	mg/kg	YES
SS440894	SSG2567JE	SS440794	SSG2302JE	02-SEP-94	SMETCLP	LEAD	4.000		µg/L	426.000		mg/kg	YES	0.02	mg/kg	YES
		SS440894	SSG2303JE							16.300		mg/kg	YES	0.02	mg/kg	YES
		SS441694	SSG2311JE							31.900		mg/kg	YES	0.02	mg/kg	YES
		SS441794	SSG2312JE							17.000		mg/kg	YES	0.02	mg/kg	YES
		SS440694	SSG2301JE							40.700		mg/kg	YES	0.02	mg/kg	YES
SS440894	SSG2567JE	SS440794	SSG2302JE	02-SEP-94	SMETCLP	POTASSIUM	694.000	B	µg/L	1540.000		mg/kg	YES	3.47	mg/kg	YES
		SS440894	SSG2303JE							971.000	B	mg/kg	YES	3.47	mg/kg	YES
		SS441694	SSG2311JE							1930.000		mg/kg	YES	3.47	mg/kg	YES
		SS441794	SSG2312JE							1610.000		mg/kg	YES	3.47	mg/kg	YES
		SS440694	SSG2301JE							1650.000		mg/kg	YES	3.47	mg/kg	YES
SS440894	SSG2567JE	SS441794	SSG2312JE	02-SEP-94	SMETCLP	SODIUM	1110.000	B	µg/L	163.000	B	mg/kg	YES	5.55	mg/kg	YES
		SS440894	SSG2303JE							308.000	B	mg/kg	YES	5.55	mg/kg	YES
SS440894	SSG2567JE	SS440794	SSG2302JE	02-SEP-94	SMETCLP	VANADIUM	2.200	B	µg/L	13.600		mg/kg	YES	0.011	mg/kg	YES
		SS440894	SSG2303JE							16.000		mg/kg	YES	0.011	mg/kg	YES
		SS441694	SSG2311JE							16.800		mg/kg	YES	0.011	mg/kg	YES
		SS441794	SSG2312JE							20.800		mg/kg	YES	0.011	mg/kg	YES
		SS440694	SSG2301JE							29.000		mg/kg	YES	0.011	mg/kg	YES
SS442694	SSG2569JE	SS442494	SSG2319JE	06-SEP-94	SMETCLP	LEAD	3.600		µg/L	24.700		mg/kg	YES	0.018	mg/kg	YES
		SS442594	SSG2320JE							30.800		mg/kg	YES	0.018	mg/kg	YES
		SS442694	SSG2321JE							35.000		mg/kg	YES	0.018	mg/kg	YES
		SS443494	SSG2329JE							13.800		mg/kg	YES	0.018	mg/kg	YES
		SS443594	SSG2330JE							23.600		mg/kg	YES	0.018	mg/kg	YES
		SS444394	SSG2338JE							14.500		mg/kg	YES	0.018	mg/kg	YES
		SS444494	SSG2339JE							24.100		mg/kg	YES	0.018	mg/kg	YES
		SS441594	SSG2310JE							33.000		mg/kg	YES	0.018	mg/kg	YES
SS440594	SSG2571JE	SS441494	SSG2309JE	07-SEP-94	SMETCLP	LEAD	4.500		µg/L	43.000		mg/kg	YES	0.0225	mg/kg	YES
		SS442394	SSG2318JE							49.700		mg/kg	YES	0.0225	mg/kg	YES
		SS440594	SSG2300JE							124.000		mg/kg	YES	0.0225	mg/kg	YES
SS442294	SSG2574JE	SS442294	SSG2317JE	08-SEP-94	SMETCLP	BARIUM	1.100	B	µg/L	58.100		mg/kg	YES	0.0055	mg/kg	YES
SS442294	SSG2574JE	SS442294	SSG2317JE	08-SEP-94	SMETCLP	IRON	44.800	B	µg/L	15200.000		mg/kg	YES	0.224	mg/kg	YES
SS442294	SSG2574JE	SS442294	SSG2317JE	08-SEP-94	SMETCLP	LEAD	8.900		µg/L	28.900		mg/kg	YES	0.0445	mg/kg	YES
SS442294	SSG2574JE	SS442294	SSG2317JE	08-SEP-94	SMETCLP	SODIUM	82.700	B	µg/L	101.000	B	mg/kg	YES	0.4135	mg/kg	YES
SS442294	SSG2574JE	SS442294	SSG2317JE	08-SEP-94	SMETCLP	ZINC	8.300	B	µg/L	136.000		mg/kg	YES	0.0415	mg/kg	YES
SS441894	SSG2578JE	SS441994	SSG2314JE	12-SEP-94	SMETCLP	IRON	25.500	B	µg/L	10100.000		mg/kg	YES	0.1275	mg/kg	YES
		SS442094	SSG2315JE							11300.000		mg/kg	YES	0.1275	mg/kg	YES
		SS441894	SSG2313JE							8760.000		mg/kg	YES	0.1275	mg/kg	YES
SS441894	SSG2578JE	SS441994	SSG2314JE	12-SEP-94	SMETCLP	LEAD	3.300		µg/L	10.400		mg/kg	YES	0.0165	mg/kg	YES
		SS442094	SSG2315JE							12.100		mg/kg	YES	0.0165	mg/kg	YES

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TABLE E-7
OU14 Surface Soil Samples for IHSS 160
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results			Primary Sample Results			Evaluation Required	Threshold Value		True Detect for Primary Results?
		SS441894	SSG2313JE							5.900		mg/kg	YES	0.0165	mg/kg	YES
SS441894	SSG2578JE	SS442094	SSG2315JE	12-SEP-94	SMETCLP	SODIUM	107.000	B	µg/L	118.000	B	mg/kg	YES	0.535	mg/kg	YES
		SS441994	SSG2314JE							89.100	B	mg/kg	YES	0.535	mg/kg	YES
SS447094	SSG2582JE	SS447894	SSG2373JE	15-SEP-94	SMETCLP	CADMIUM	1.600	B	µg/L	3.300		mg/kg	YES	0.008	mg/kg	YES
SS447094	SSG2582JE	SS447894	SSG2373JE	15-SEP-94	SMETCLP	IRON	27.400	B	µg/L	17400.000		mg/kg	YES	0.137	mg/kg	YES
		SS448694	SSG2381JE							5690.000		mg/kg	YES	0.137	mg/kg	YES
		SS447094	SSG2365JE							9750.000		mg/kg	YES	0.137	mg/kg	YES
SS447094	SSG2582JE	SS447894	SSG2373JE	15-SEP-94	SMETCLP	LEAD	3.100	B	µg/L	27.100		mg/kg	YES	0.0155	mg/kg	YES
		SS448694	SSG2381JE							11.400		mg/kg	YES	0.0155	mg/kg	YES
		SS447094	SSG2365JE							24.900		mg/kg	YES	0.0155	mg/kg	YES
SS447094	SSG2582JE	SS447894	SSG2373JE	15-SEP-94	SMETCLP	POTASSIUM	890.000	B	µg/L	2680.000		mg/kg	YES	4.45	mg/kg	YES
		SS448694	SSG2381JE							1410.000		mg/kg	YES	4.45	mg/kg	YES
		SS447094	SSG2365JE							1490.000		mg/kg	YES	4.45	mg/kg	YES
SS447094	SSG2582JE	SS448694	SSG2381JE	15-SEP-94	SMETCLP	SODIUM	1350.000	B	µg/L	538.000	B	mg/kg	YES	6.75	mg/kg	YES
		SS447894	SSG2373JE							98.800	B	mg/kg	YES	6.75	mg/kg	YES
SS443394	SSG2583JE	SS444294	SSG2337JE	16-SEP-94	SMETCLP	IRON	17.700	B	µg/L	8030.000		mg/kg	YES	0.0885	mg/kg	YES
		SS445194	SSG2346JE							7570.000		mg/kg	YES	0.0885	mg/kg	YES
		SS446094	SSG2355JE							5590.000		mg/kg	YES	0.0885	mg/kg	YES
		SS446894	SSG2363JE							5130.000		mg/kg	YES	0.0885	mg/kg	YES
		SS447794	SSG2372JE							4800.000		mg/kg	YES	0.0885	mg/kg	YES
		SS443394	SSG2328JE							7380.000		mg/kg	YES	0.0885	mg/kg	YES
SS443394	SSG2583JE	SS444294	SSG2337JE	16-SEP-94	SMETCLP	LEAD	2.800	B	µg/L	13.300		mg/kg	YES	0.014	mg/kg	YES
		SS445194	SSG2346JE							10.300		mg/kg	YES	0.014	mg/kg	YES
		SS446094	SSG2355JE							8.000		mg/kg	YES	0.014	mg/kg	YES
		SS446894	SSG2363JE							13.400		mg/kg	YES	0.014	mg/kg	YES
		SS447794	SSG2372JE							7.400		mg/kg	YES	0.014	mg/kg	YES
		SS443394	SSG2328JE							11.400		mg/kg	YES	0.014	mg/kg	YES
SS443394	SSG2583JE	SS444294	SSG2337JE	16-SEP-94	SMETCLP	POTASSIUM	85.900	B	µg/L	1100.000		mg/kg	YES	0.4295	mg/kg	YES
		SS445194	SSG2346JE							957.000	B	mg/kg	YES	0.4295	mg/kg	YES
		SS446094	SSG2355JE							756.000	B	mg/kg	YES	0.4295	mg/kg	YES
		SS446894	SSG2363JE							652.000	B	mg/kg	YES	0.4295	mg/kg	YES
		SS447794	SSG2372JE							614.000	B	mg/kg	YES	0.4295	mg/kg	YES
		SS443394	SSG2328JE							1130.000		mg/kg	YES	0.4295	mg/kg	YES
SS443394	SSG2583JE	SS444294	SSG2337JE	16-SEP-94	SMETCLP	SODIUM	95.400	B	µg/L	94.900	B	mg/kg	YES	0.477	mg/kg	YES
		SS445194	SSG2346JE							87.100	B	mg/kg	YES	0.477	mg/kg	YES
		SS446094	SSG2355JE							107.000	B	mg/kg	YES	0.477	mg/kg	YES
		SS446894	SSG2363JE							134.000	B	mg/kg	YES	0.477	mg/kg	YES
		SS447794	SSG2372JE							159.000	B	mg/kg	YES	0.477	mg/kg	YES
		SS443394	SSG2328JE							116.000	B	mg/kg	YES	0.477	mg/kg	YES
SS448794	SSG2586JE	SS448794	SSG2382JE	19-SEP-94	SMETCLP	IRON	13.300	B	µg/L	5450.000		mg/kg	YES	0.0665	mg/kg	YES
		SS448594	SSG2380JE							5980.000		mg/kg	YES	0.0665	mg/kg	YES
SS448794	SSG2586JE	SS448794	SSG2382JE	19-SEP-94	SMETCLP	LEAD	2.600	B	µg/L	17.600		mg/kg	YES	0.013	mg/kg	YES
		SS448594	SSG2380JE							13.900		mg/kg	YES	0.013	mg/kg	YES
SS448794	SSG2586JE	SS448794	SSG2382JE	19-SEP-94	SMETCLP	SODIUM	104.000	B	µg/L	86.000	B	mg/kg	YES	0.52	mg/kg	YES
		SS448594	SSG2380JE							137.000	B	mg/kg	YES	0.52	mg/kg	YES
SS448794	SSG2586JE	SS448794	SSG2382JE	19-SEP-94	SMETCLP	ZINC	13.500	B	µg/L	43.800		mg/kg	YES	0.0675	mg/kg	YES
		SS448594	SSG2380JE							37.000		mg/kg	YES	0.0675	mg/kg	YES
SS440294	SSG2561JE	SS440294	SSG2297JE	29-AUG-94	SMETCLP	BARIUM	1.800	B	µg/L	49.800		mg/kg	YES	0.009	mg/kg	YES
		SS440394	SSG2298JE							49.200		mg/kg	YES	0.009	mg/kg	YES
		SS440494	SSG2299JE							59.600		mg/kg	YES	0.009	mg/kg	YES
		SS441394	SSG2308JE							58.500		mg/kg	YES	0.009	mg/kg	YES

TABLE E-7
OU14 Surface Soil Samples for IHSS 160
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results			Primary Sample Results			Evaluation Required	Threshold Value		True Detect for Primary Results?
		SS440194	SSG2296JE							129.000		mg/kg	YES	0.009	mg/kg	YES
SS440294	SSG2561JE	SS440294	SSG2297JE	29-AUG-94	SMETCLP	IRON	43.900	B	µg/L	8630.000		mg/kg	YES	0.2195	mg/kg	YES
		SS440394	SSG2298JE							8850.000		mg/kg	YES	0.2195	mg/kg	YES
		SS440494	SSG2299JE							9270.000		mg/kg	YES	0.2195	mg/kg	YES
		SS441394	SSG2308JE							11300.000		mg/kg	YES	0.2195	mg/kg	YES
		SS440194	SSG2296JE							11100.000		mg/kg	YES	0.2195	mg/kg	YES
SS440294	SSG2561JE	SS440294	SSG2297JE	29-AUG-94	SMETCLP	LEAD	14.600		µg/L	11.800		mg/kg	YES	0.073	mg/kg	YES
		SS440394	SSG2298JE							12.500		mg/kg	YES	0.073	mg/kg	YES
		SS440494	SSG2299JE							58.500		mg/kg	YES	0.073	mg/kg	YES
		SS441394	SSG2308JE							45.900		mg/kg	YES	0.073	mg/kg	YES
		SS440194	SSG2296JE							48.400		mg/kg	YES	0.073	mg/kg	YES
SS440294	SSG2561JE	SS440294	SSG2297JE	29-AUG-94	SMETCLP	MAGNESIUM	44.400	B	µg/L	1510.000		mg/kg	YES	0.222	mg/kg	YES
		SS440394	SSG2298JE							1540.000		mg/kg	YES	0.222	mg/kg	YES
		SS440494	SSG2299JE							1900.000		mg/kg	YES	0.222	mg/kg	YES
		SS441394	SSG2308JE							2080.000		mg/kg	YES	0.222	mg/kg	YES
		SS440194	SSG2296JE							2050.000		mg/kg	YES	0.222	mg/kg	YES
SS443094	SSG2563JE	SS442194	SSG2316JE	30-AUG-94	SMETCLP	LEAD	2.400	B	µg/L	90.200		mg/kg	YES	0.012	mg/kg	YES
SS440094	SSG2564JE	SS441194	BFG0121JE	31-AUG-94	SMETCLP	LEAD	2.700	B	µg/L	8.800		mg/kg	YES	0.0135	mg/kg	YES
		SS439794	SSG2292JE							11.700		mg/kg	YES	0.0135	mg/kg	YES
		SS439894	SSG2293JE							7.800		mg/kg	YES	0.0135	mg/kg	YES
		SS439994	SSG2294JE							10.900		mg/kg	YES	0.0135	mg/kg	YES
		SS440094	SSG2295JE							4.500		mg/kg	YES	0.0135	mg/kg	YES
		SS441194	SSG2306JE							42.200		mg/kg	YES	0.0135	mg/kg	YES
		SS441294	SSG2307JE							18.100		mg/kg	YES	0.0135	mg/kg	YES
		SS441194	BFG0121JE							8.800		mg/kg	YES	0.0135	mg/kg	YES
SS440094	SSG2564JE	SS441194	BFG0121JE	31-AUG-94	TRADS	PLUTONIUM-239/240	0.004	J	pCi/L	7.600		pCi/g	YES	0.00002	pCi/g	YES
		SS439794	SSG2292JE							0.064		pCi/g	YES	0.00002	pCi/g	YES
		SS439894	SSG2293JE							0.045		pCi/g	YES	0.00002	pCi/g	YES
		SS439994	SSG2294JE							0.030		pCi/g	YES	0.00002	pCi/g	YES
		SS440094	SSG2295JE							0.023	J	pCi/g	YES	0.00002	pCi/g	YES
		SS441194	SSG2306JE							24.000		pCi/g	YES	0.00002	pCi/g	YES
		SS441294	SSG2307JE							150.000		pCi/g	YES	0.00002	pCi/g	YES
		SS441194	BFG0121JE							7.600		pCi/g	YES	0.00002	pCi/g	YES
SS440094	SSG2564JE	SS441194	BFG0121JE	31-AUG-94	SMETCLP	POTASSIUM	580.000	B	µg/L	887.000	B	mg/kg	YES	2.9	mg/kg	YES
		SS439794	SSG2292JE							2460.000		mg/kg	YES	2.9	mg/kg	YES
		SS439894	SSG2293JE							2730.000		mg/kg	YES	2.9	mg/kg	YES
		SS439994	SSG2294JE							2680.000		mg/kg	YES	2.9	mg/kg	YES
		SS440094	SSG2295JE							3760.000		mg/kg	YES	2.9	mg/kg	YES
		SS441194	SSG2306JE							1390.000		mg/kg	YES	2.9	mg/kg	YES
		SS441294	SSG2307JE							995.000	B	mg/kg	YES	2.9	mg/kg	YES
		SS441194	BFG0121JE							887.000	B	mg/kg	YES	2.9	mg/kg	YES
SS440094	SSG2564JE	SS441194	BFG0121JE	31-AUG-94	SMETCLP	SODIUM	1050.000	B	µg/L	56.000	B	mg/kg	YES	5.25	mg/kg	YES
		SS439794	SSG2292JE							1530.000		mg/kg	YES	5.25	mg/kg	YES
		SS439894	SSG2293JE							208.000	B	mg/kg	YES	5.25	mg/kg	YES
		SS439994	SSG2294JE							225.000	B	mg/kg	YES	5.25	mg/kg	YES
		SS440094	SSG2295JE							174.000	B	mg/kg	YES	5.25	mg/kg	YES
		SS441194	SSG2306JE							78.400	B	mg/kg	YES	5.25	mg/kg	YES
		SS441294	SSG2307JE							56.800	B	mg/kg	YES	5.25	mg/kg	YES
		SS441194	BFG0121JE							56.000	B	mg/kg	YES	5.25	mg/kg	YES

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OU14 Surface Soil Samples for IHSS 161

Comparison of Environmental Samples with Equipment Rinse Blanks

Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results			Primary Sample Results		Evaluation Required	Threshold Value		True Detect for Primary Results?
SS449494	SSG2590JE	SS449594	SSG2390JE	21-SEP-94	TRADS	GROSS BETA	2.600	J	pCi/L	30.000	pCi/g	YES	0.013	pCi/g	YES
		SS449694	SSG2391JE							27.000	pCi/g	YES	0.013	pCi/g	YES
		SS449994	SSG2394JE							22.000	pCi/g	YES	0.013	pCi/g	YES
		SS450094	SSG2395JE							31.000	pCi/g	YES	0.013	pCi/g	YES
		SS450494	SSG2399JE							26.000	pCi/g	YES	0.013	pCi/g	YES
		SS450594	SSG2400JE							31.000	pCi/g	YES	0.013	pCi/g	YES
		SS450694	SSG2401JE							31.000	pCi/g	YES	0.013	pCi/g	YES
		SS451094	SSG2405JE							25.000	pCi/g	YES	0.013	pCi/g	YES
		SS449494	SSG2389JE							25.000	pCi/g	YES	0.013	pCi/g	YES

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OU14 Surface Soil Samples for IHSS 162
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Primary Sample Results	Evaluation Required	Threshold Value	True Detect for Primary Results?
SS453094	SSG2670JE	SS453094	SSG2425JE	01-DEC-94	SMETCLP	CALCIUM	78.300 B µg/L	9290.000 mg/kg	YES	0.3915 mg/kg	YES
		SS452994	SSG2424JE					4030.000 mg/kg	YES	0.3915 mg/kg	YES
SS453094	SSG2670JE	SS453094	SSG2425JE	01-DEC-94	SMETCLP	LEAD	1.500 B µg/L	20.500 mg/kg	YES	0.0075 mg/kg	YES
		SS452994	SSG2424JE					10.400 mg/kg	YES	0.0075 mg/kg	YES

TABLE E-7
OU14 Surface Soil Samples for IHSS 164.1
Comparisón of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Primary Sample Location	Associated Primary Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Primary Sample Results	Evaluation Required	Threshold Value	True Detect for Primary Results?
SS455294	SSG2656JE	SS435994	SSG2254JE	03-NOV-94	TRADS	URANIUM-233,-234	0.110 J pCi/L	0.640 pCi/g	YES	0.00055 pCi/g	YES
		SS436494	SSG2259JE					0.620 pCi/g	YES	0.00055 pCi/g	YES
		SS455294	SSG2447JE					0.670 pCi/g	YES	0.00055 pCi/g	YES
		SS455394	SSG2448JE					1.000 pCi/g	YES	0.00055 pCi/g	YES
		SS435594	SSG2250JE					0.410 pCi/g	YES	0.00055 pCi/g	YES

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TABLE E-7
OU14 Surface Soil Samples for IHSS 164.2
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Real Sample Location	Associated Real Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Real Sample Results	Evaluation Required	Threshold Value	True Detect for Sample Results?
SS457194	SSG2622JE	SS457294	SSG2467JE	10-OCT-94	SMETCLP	ALUMINUM	23.100 B µg/L	5170.000 mg/kg	YES	0.1155 mg/kg	YES
		SS457194	SSG2466JE					6330.000 mg/kg	YES	0.1155 mg/kg	YES
SS457194	SSG2622JE	SS457294	SSG2467JE	10-OCT-94	SMETCLP	MANGANESE	1.400 B µg/L	152.000 mg/kg	YES	0.007 mg/kg	YES
		SS457194	SSG2466JE					163.000 mg/kg	YES	0.007 mg/kg	YES
SS457194	SSG2622JE	SS457294	SSG2467JE	10-OCT-94	SMETCLP	POTASSIUM	399.000 B µg/L	1770.000 mg/kg	YES	1.995 mg/kg	YES
		SS457194	SSG2466JE					1880.000 mg/kg	YES	1.995 mg/kg	YES
SS457194	SSG2622JE	SS457294	SSG2467JE	10-OCT-94	SMETCLP	SODIUM	480.000 B µg/L	145.000 B mg/kg	YES	2.4 mg/kg	YES
		SS457194	SSG2466JE					167.000 B mg/kg	YES	2.4 mg/kg	YES
SS457394	SSG2624JE	SS459294	SSG2487JE	11-OCT-94	SMETCLP	ALUMINUM	71.400 B µg/L	10500.000 mg/kg	YES	0.357 mg/kg	YES
		SS459394	SSG2488JE					11600.000 mg/kg	YES	0.357 mg/kg	YES
		SS459494	SSG2489JE					11000.000 mg/kg	YES	0.357 mg/kg	YES
		SS457394	SSG2468JE					5970.000 mg/kg	YES	0.357 mg/kg	YES
SS457394	SSG2624JE	SS459294	SSG2487JE	11-OCT-94	SMETCLP	IRON	95.800 B µg/L	12400.000 mg/kg	YES	0.479 mg/kg	YES
		SS459394	SSG2488JE					11800.000 mg/kg	YES	0.479 mg/kg	YES
		SS459494	SSG2489JE					11800.000 mg/kg	YES	0.479 mg/kg	YES
		SS457394	SSG2468JE					9290.000 mg/kg	YES	0.479 mg/kg	YES
SS457394	SSG2624JE	SS459294	SSG2487JE	11-OCT-94	SMETCLP	LEAD	30.500 µg/L	30.500 I mg/kg	YES	0.1525 mg/kg	YES
		SS459394	SSG2488JE					20.400 I mg/kg	YES	0.1525 mg/kg	YES
		SS459494	SSG2489JE					24.600 I mg/kg	YES	0.1525 mg/kg	YES
		SS457394	SSG2468JE					9.200 I mg/kg	YES	0.1525 mg/kg	YES
SS457394	SSG2624JE	SS459294	SSG2487JE	11-OCT-94	SMETCLP	MAGNESIUM	46.700 B µg/L	3010.000 mg/kg	YES	0.2335 mg/kg	YES
		SS459394	SSG2488JE					3070.000 mg/kg	YES	0.2335 mg/kg	YES
		SS459494	SSG2489JE					2890.000 mg/kg	YES	0.2335 mg/kg	YES
		SS457394	SSG2468JE					3210.000 mg/kg	YES	0.2335 mg/kg	YES
SS457394	SSG2624JE	SS459294	SSG2487JE	11-OCT-94	SMETCLP	MANGANESE	1.800 B µg/L	238.000 mg/kg	YES	0.009 mg/kg	YES
		SS459394	SSG2488JE					219.000 mg/kg	YES	0.009 mg/kg	YES
		SS459494	SSG2489JE					241.000 mg/kg	YES	0.009 mg/kg	YES
		SS457394	SSG2468JE					177.000 mg/kg	YES	0.009 mg/kg	YES
SS457394	SSG2624JE	SS459294	SSG2487JE	11-OCT-94	SMETCLP	POTASSIUM	2630.000 B µg/L	1890.000 mg/kg	YES	13.15 mg/kg	YES
		SS459394	SSG2488JE					2200.000 mg/kg	YES	13.15 mg/kg	YES
		SS459494	SSG2489JE					2300.000 mg/kg	YES	13.15 mg/kg	YES
		SS457394	SSG2468JE					1700.000 mg/kg	YES	13.15 mg/kg	YES
SS457394	SSG2624JE	SS459494	SSG2489JE	11-OCT-94	SMETCLP	SODIUM	2690.000 B µg/L	191.000 B mg/kg	YES	13.45 mg/kg	YES
		SS457394	SSG2468JE					184.000 B mg/kg	YES	13.45 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	SMETCLP	ALUMINUM	91.700 B µg/L	7510.000 mg/kg	YES	0.4585 mg/kg	YES
		SS458094	SSG2475JE					6540.000 mg/kg	YES	0.4585 mg/kg	YES
		SS458394	SSG2478JE					6650.000 mg/kg	YES	0.4585 mg/kg	YES
		SS458994	SSG2484JE					7460.000 mg/kg	YES	0.4585 mg/kg	YES
		SS459094	SSG2485JE					12600.000 mg/kg	YES	0.4585 mg/kg	YES
		SS459194	SSG2486JE					9290.000 mg/kg	YES	0.4585 mg/kg	YES
		SS456994	SSG2464JE					5240.000 mg/kg	YES	0.4585 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	SMETCLP	BARIUM	1.400 B µg/L	116.000 mg/kg	YES	0.007 mg/kg	YES
		SS458094	SSG2475JE					60.600 mg/kg	YES	0.007 mg/kg	YES
		SS458394	SSG2478JE					123.000 mg/kg	YES	0.007 mg/kg	YES
		SS458994	SSG2484JE					71.000 mg/kg	YES	0.007 mg/kg	YES
		SS459094	SSG2485JE					74.800 mg/kg	YES	0.007 mg/kg	YES
		SS459194	SSG2486JE					135.000 mg/kg	YES	0.007 mg/kg	YES
		SS456994	SSG2464JE					52.800 mg/kg	YES	0.007 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	SMETCLP	IRON	114.000 µg/L	12300.000 mg/kg	YES	0.57 mg/kg	YES
		SS458094	SSG2475JE					17800.000 mg/kg	YES	0.57 mg/kg	YES
		SS458394	SSG2478JE					13200.000 mg/kg	YES	0.57 mg/kg	YES

TABLE E-7
OU14 Surface Soil Samples for IHSS 164.2
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Real Sample Location	Associated Real Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Real Sample Results	Evaluation Required	Threshold Value	True Detect for Sample Results?
		SS458994	SSG2484JE					10500.000 mg/kg	YES	0.57 mg/kg	YES
		SS459094	SSG2485JE					20000.000 mg/kg	YES	0.57 mg/kg	YES
		SS459194	SSG2486JE					11700.000 mg/kg	YES	0.57 mg/kg	YES
		SS456994	SSG2464JE					16500.000 mg/kg	YES	0.57 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	SMETCLP	LEAD	21.300 µg/L	23.100 mg/kg	YES	0.1065 mg/kg	YES
		SS458094	SSG2475JE					6.500 mg/kg	YES	0.1065 mg/kg	YES
		SS458394	SSG2478JE					27.900 mg/kg	YES	0.1065 mg/kg	YES
		SS458994	SSG2484JE					26.800 mg/kg	YES	0.1065 mg/kg	YES
		SS459094	SSG2485JE					14.200 mg/kg	YES	0.1065 mg/kg	YES
		SS459194	SSG2486JE					14.700 mg/kg	YES	0.1065 mg/kg	YES
		SS456994	SSG2464JE					11.400 mg/kg	YES	0.1065 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	METADD	LITHIUM	1.200 B µg/L	7.500 B mg/kg	YES	0.006 mg/kg	YES
		SS458094	SSG2475JE					7.400 B mg/kg	YES	0.006 mg/kg	YES
		SS458394	SSG2478JE					7.700 B mg/kg	YES	0.006 mg/kg	YES
		SS458994	SSG2484JE					9.300 B mg/kg	YES	0.006 mg/kg	YES
		SS459094	SSG2485JE					12.000 B mg/kg	YES	0.006 mg/kg	YES
		SS459194	SSG2486JE					10.000 B mg/kg	YES	0.006 mg/kg	YES
		SS456994	SSG2464JE					6.000 B mg/kg	YES	0.006 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	SMETCLP	MANGANESE	2.200 B µg/L	259.000 mg/kg	YES	0.011 mg/kg	YES
		SS458094	SSG2475JE					515.000 mg/kg	YES	0.011 mg/kg	YES
		SS458394	SSG2478JE					317.000 mg/kg	YES	0.011 mg/kg	YES
		SS458994	SSG2484JE					174.000 mg/kg	YES	0.011 mg/kg	YES
		SS459094	SSG2485JE					520.000 mg/kg	YES	0.011 mg/kg	YES
		SS459194	SSG2486JE					189.000 mg/kg	YES	0.011 mg/kg	YES
		SS456994	SSG2464JE					535.000 mg/kg	YES	0.011 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	SMETCLP	POTASSIUM	194.000 B µg/L	2190.000 mg/kg	YES	0.97 mg/kg	YES
		SS458094	SSG2475JE					3100.000 mg/kg	YES	0.97 mg/kg	YES
		SS458394	SSG2478JE					2470.000 mg/kg	YES	0.97 mg/kg	YES
		SS458994	SSG2484JE					2120.000 mg/kg	YES	0.97 mg/kg	YES
		SS459094	SSG2485JE					2100.000 mg/kg	YES	0.97 mg/kg	YES
		SS459194	SSG2486JE					1750.000 mg/kg	YES	0.97 mg/kg	YES
		SS456994	SSG2464JE					2460.000 mg/kg	YES	0.97 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	SMETCLP	SODIUM	253.000 B µg/L	186.000 B mg/kg	YES	1.265 mg/kg	YES
		SS458094	SSG2475JE					195.000 B mg/kg	YES	1.265 mg/kg	YES
		SS458394	SSG2478JE					181.000 B mg/kg	YES	1.265 mg/kg	YES
		SS458994	SSG2484JE					58.300 B mg/kg	YES	1.265 mg/kg	YES
		SS459094	SSG2485JE					1670.000 mg/kg	YES	1.265 mg/kg	YES
		SS459194	SSG2486JE					86.800 B mg/kg	YES	1.265 mg/kg	YES
		SS456994	SSG2464JE					139.000 B mg/kg	YES	1.265 mg/kg	YES
SS459194	SSG2627JE	SS457794	SSG2472JE	12-OCT-94	METADD	STRONTIUM	1.400 B µg/L	56.400 mg/kg	YES	0.007 mg/kg	YES
		SS458094	SSG2475JE					25.400 B mg/kg	YES	0.007 mg/kg	YES
		SS458394	SSG2478JE					33.200 B mg/kg	YES	0.007 mg/kg	YES
		SS458994	SSG2484JE					12.800 B mg/kg	YES	0.007 mg/kg	YES
		SS459094	SSG2485JE					80.500 mg/kg	YES	0.007 mg/kg	YES
		SS459194	SSG2486JE					138.000 mg/kg	YES	0.007 mg/kg	YES
		SS456994	SSG2464JE					21.900 B mg/kg	YES	0.007 mg/kg	YES
SS456794	SSG2633JE	NA	NA	18-OCT-94	VOACLP	ACETONE	14.000 µg/L	NA	YES	0.07 mg/kg	NO
SS456794	SSG2633JE	SS456694	SSG2461JE	18-OCT-94	SMETCLP	ALUMINUM	39.300 B µg/L	5370.000 mg/kg	YES	0.1965 mg/kg	YES
		SS456794	SSG2462JE					5080.000 mg/kg	YES	0.1965 mg/kg	YES
		SS456894	SSG2463JE					4220.000 mg/kg	YES	0.1965 mg/kg	YES
		SS457494	SSG2469JE					4750.000 mg/kg	YES	0.1965 mg/kg	YES

TA... E-7
OU14 Surface Soil Samples for IHSS 164.2
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Real Sample Location	Associated Real Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Real Sample Results	Evaluation Required	Threshold Value	True Detect for Sample Results?
		SS457594	SSG2470JE					5740.000 mg/kg	YES	0.1965 mg/kg	YES
		SS457694	SSG2471JE					5370.000 mg/kg	YES	0.1965 mg/kg	YES
		SS456594	SSG2460JE					8520.000 mg/kg	YES	0.1965 mg/kg	YES
SS456794	SSG2633JE	SS456694	SSG2461JE	18-OCT-94	SMETCLP	CALCIUM	117.000 B µg/L	28100.000 mg/kg	YES	0.585 mg/kg	YES
		SS456794	SSG2462JE					14700.000 mg/kg	YES	0.585 mg/kg	YES
		SS456894	SSG2463JE					15300.000 mg/kg	YES	0.585 mg/kg	YES
		SS457494	SSG2469JE					12500.000 mg/kg	YES	0.585 mg/kg	YES
		SS457594	SSG2470JE					17200.000 mg/kg	YES	0.585 mg/kg	YES
		SS457694	SSG2471JE					11300.000 mg/kg	YES	0.585 mg/kg	YES
		SS456594	SSG2460JE					65800.000 mg/kg	YES	0.585 mg/kg	YES
SS456794	SSG2633JE	SS456694	SSG2461JE	18-OCT-94	SMETCLP	POTASSIUM	408.000 B µg/L	1590.000 mg/kg	YES	2.04 mg/kg	YES
		SS456794	SSG2462JE					2760.000 mg/kg	YES	2.04 mg/kg	YES
		SS456894	SSG2463JE					1880.000 mg/kg	YES	2.04 mg/kg	YES
		SS457494	SSG2469JE					1430.000 mg/kg	YES	2.04 mg/kg	YES
		SS457594	SSG2470JE					2670.000 mg/kg	YES	2.04 mg/kg	YES
		SS457694	SSG2471JE					2450.000 mg/kg	YES	2.04 mg/kg	YES
		SS456594	SSG2460JE					1800.000 mg/kg	YES	2.04 mg/kg	YES
SS456794	SSG2633JE	SS456694	SSG2461JE	18-OCT-94	SMETCLP	SODIUM	444.000 B µg/L	120.000 B mg/kg	YES	2.22 mg/kg	YES
		SS456794	SSG2462JE					292.000 B mg/kg	YES	2.22 mg/kg	YES
		SS456894	SSG2463JE					142.000 B mg/kg	YES	2.22 mg/kg	YES
		SS457494	SSG2469JE					105.000 B mg/kg	YES	2.22 mg/kg	YES
		SS457594	SSG2470JE					196.000 B mg/kg	YES	2.22 mg/kg	YES
		SS457694	SSG2471JE					166.000 B mg/kg	YES	2.22 mg/kg	YES
		SS456594	SSG2460JE					125.000 B mg/kg	YES	2.22 mg/kg	YES
SS457194	SSG2637JE	NA	NA	19-OCT-94	BNACLP	Dodecanoic acid	20.000 J µg/L	NA	YES	0.1 mg/kg	NA
SS457994	SSG2635JE	SS456494	SSG2459JE	19-OCT-94	SMETCLP	LEAD	2.700 B µg/L	16.000 mg/kg	YES	0.0135 mg/kg	YES
		SS457994	SSG2474JE					20.700 mg/kg	YES	0.0135 mg/kg	YES
		SS458294	SSG2477JE					31.400 mg/kg	YES	0.0135 mg/kg	YES
		SS458594	SSG2480JE					20.400 mg/kg	YES	0.0135 mg/kg	YES
		SS458894	SSG2483JE					18.200 mg/kg	YES	0.0135 mg/kg	YES
		SS456394	SSG2458JE					19.400 mg/kg	YES	0.0135 mg/kg	YES
SS457994	SSG2635JE	SS457994	SSG2474JE	19-OCT-94	VOACLP	METHYLENE CHLORIDE	12.000 µg/L	6.000 µg/kg	YES	0.12 µg/kg	YES
SS457194	SSG2637JE	SS458294	SSG2477JE	19-OCT-94	VOACLP	METHYLENE CHLORIDE	15.000 µg/L	6.000 µg/kg	YES	0.15 µg/kg	YES
		SS458594	SSG2480JE					6.000 µg/kg	YES	0.15 µg/kg	YES
		SS458894	SSG2483JE					5.000 J µg/kg	YES	0.15 µg/kg	YES
		SS457294	SSG2639JE					6.000 µg/kg	YES	0.15 µg/kg	YES
		SS456394	SSG2458JE					5.000 J µg/kg	YES	0.15 µg/kg	YES
		SS456494	SSG2459JE					5.000 J µg/kg	YES	0.15 µg/kg	YES
SS457994	SSG2635JE	SS456494	SSG2459JE	19-OCT-94	SMETCLP	POTASSIUM	130.000 B µg/L	1360.000 mg/kg	YES	0.65 mg/kg	YES
		SS457994	SSG2474JE					1750.000 mg/kg	YES	0.65 mg/kg	YES
		SS458294	SSG2477JE					2020.000 mg/kg	YES	0.65 mg/kg	YES
		SS458594	SSG2480JE					1670.000 mg/kg	YES	0.65 mg/kg	YES
		SS458894	SSG2483JE					1840.000 mg/kg	YES	0.65 mg/kg	YES
		SS456394	SSG2458JE					1480.000 mg/kg	YES	0.65 mg/kg	YES
SS457994	SSG2635JE	SS456494	SSG2459JE	19-OCT-94	SMETCLP	SODIUM	301.000 B µg/L	60.400 B mg/kg	YES	1.505 mg/kg	YES
		SS457994	SSG2474JE					229.000 B mg/kg	YES	1.505 mg/kg	YES
		SS458294	SSG2477JE					121.000 B mg/kg	YES	1.505 mg/kg	YES
		SS458594	SSG2480JE					255.000 B mg/kg	YES	1.505 mg/kg	YES
		SS458894	SSG2483JE					279.000 B mg/kg	YES	1.505 mg/kg	YES
		SS456394	SSG2458JE					59.500 B mg/kg	YES	1.505 mg/kg	YES
SS457994	SSG2635JE	SS464394	BFG0134JE	19-OCT-94	TRADS	URANIUM-233,-234	0.450 J pCi/L	0.480 pCi/g	YES	0.00225 pCi/g	YES

TABLE E-7
OU14 Surface Soil Samples for IHSS 164.2
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Real Sample Location	Associated Real Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Real Sample Results	Evaluation Required	Threshold Value	True Detect for Sample Results?
		SS454594	SSG2440JE					0.650 pCi/g	YES	0.00225 pCi/g	YES
		SS456394	SSG2458JE					0.760 pCi/g	YES	0.00225 pCi/g	YES
		SS456494	SSG2459JE					0.960 pCi/g	YES	0.00225 pCi/g	YES
		SS457994	SSG2474JE					0.910 pCi/g	YES	0.00225 pCi/g	YES
		SS458294	SSG2477JE					0.960 pCi/g	YES	0.00225 pCi/g	YES
		SS458594	SSG2480JE					0.780 pCi/g	YES	0.00225 pCi/g	YES
		SS458894	SSG2483JE					0.780 pCi/g	YES	0.00225 pCi/g	YES
		SS459694	SSG2491JE					0.780 pCi/g	YES	0.00225 pCi/g	YES
		SS464294	SSG2537JE					3.200 pCi/g	YES	0.00225 pCi/g	YES
		SS464394	SSG2538JE					0.610 pCi/g	YES	0.00225 pCi/g	YES
		SS464394	BFG0134JE					0.480 pCi/g	YES	0.00225 pCi/g	YES
SS457894	SSG2643JE	NA	NA	24-OCT-94	VOACLP	1,1-DICHLOROETHENE	3.000 BJ µg/L	NA	YES	0.015 mg/kg	NA
SS457894	SSG2643JE	SS458194	SSG2476JE	24-OCT-94	SMETCLP	POTASSIUM	211.000 B µg/L	1630.000 mg/kg	YES	1.055 mg/kg	YES
		SS458494	SSG2479JE					1580.000 mg/kg	YES	1.055 mg/kg	YES
		SS458794	SSG2482JE					1710.000 mg/kg	YES	1.055 mg/kg	YES
		SS457894	SSG2473JE					1940.000 mg/kg	YES	1.055 mg/kg	YES
SS457894	SSG2643JE	SS458194	SSG2476JE	24-OCT-94	SMETCLP	SODIUM	285.000 B µg/L	65.100 B mg/kg	YES	1.425 mg/kg	YES
		SS458494	SSG2479JE					68.100 B mg/kg	YES	1.425 mg/kg	YES
		SS458794	SSG2482JE					75.300 B mg/kg	YES	1.425 mg/kg	YES
		SS457894	SSG2473JE					138.000 B mg/kg	YES	1.425 mg/kg	YES
SS460294	SSG2645JE	SS457094	SSG2465JE	25-OCT-94	SMETCLP	ALUMINUM	26.900 B µg/L	4550.000 mg/kg	YES	0.1345 mg/kg	YES
		SS456194	SSG2456JE					5720.000 mg/kg	YES	0.1345 mg/kg	YES

TABLE E-7
OU14 Surface Soil Samples for IHSS 164.3
Comparison of Environmental Samples with Equipment Rinse Blanks
Rocky Flats Environmental Technology Site

QC Sample Location	QC Sample ID Number	Real Sample Location	Associated Real Sample ID	Sample Collection Date	Analytical Parameter	Analyte	Field QC Results	Real Sample Results	Evaluation Required	Threshold Value	True Detect for Sample Results?
SS466194	SSG2620JE	SS460494	SSG2499JE	10-OCT-94	TRADS	AMERICIUM-241	0.011 pCi/L	0.059 pCi/g	YES	0.000055 pCi/g	YES
		SS460594	SSG2500JE					0.053 pCi/g	YES	0.000055 pCi/g	YES
		SS460694	SSG2501JE					0.050 pCi/g	YES	0.000055 pCi/g	YES
		SS460794	SSG2502JE					0.065 pCi/g	YES	0.000055 pCi/g	YES
		SS460894	SSG2503JE					0.023 pCi/g	YES	0.000055 pCi/g	YES
		SS460994	SSG2504JE					0.024 pCi/g	YES	0.000055 pCi/g	YES
		SS461094	SSG2505JE					0.090 pCi/g	YES	0.000055 pCi/g	YES
		SS464494	SSG2539JE					0.015 J pCi/g	YES	0.000055 pCi/g	YES
		SS466294	SSG2557JE					0.034 pCi/g	YES	0.000055 pCi/g	YES
		SS460394	SSG2498JE					0.044 pCi/g	YES	0.000055 pCi/g	YES
SS466194	SSG2620JE	SS457294	SSG2467JE	10-OCT-94	TRADS	URANIUM-233,-234	0.490 J pCi/L	0.810 pCi/g	YES	0.00245 pCi/g	YES
		SS460394	SSG2498JE					0.890 pCi/g	YES	0.00245 pCi/g	YES
		SS460494	SSG2499JE					0.840 pCi/g	YES	0.00245 pCi/g	YES
		SS460594	SSG2500JE					0.880 pCi/g	YES	0.00245 pCi/g	YES
		SS460694	SSG2501JE					0.840 pCi/g	YES	0.00245 pCi/g	YES
		SS460794	SSG2502JE					0.760 pCi/g	YES	0.00245 pCi/g	YES
		SS460894	SSG2503JE					1.100 pCi/g	YES	0.00245 pCi/g	YES
		SS460994	SSG2504JE					0.590 pCi/g	YES	0.00245 pCi/g	YES
		SS461094	SSG2505JE					0.790 pCi/g	YES	0.00245 pCi/g	YES
		SS464494	SSG2539JE					0.750 pCi/g	YES	0.00245 pCi/g	YES
		SS466194	SSG2556JE					0.510 pCi/g	YES	0.00245 pCi/g	YES
		SS466294	SSG2557JE					0.750 pCi/g	YES	0.00245 pCi/g	YES
		SS457194	SSG2466JE					0.640 pCi/g	YES	0.00245 pCi/g	YES
SS462294	SSG2607JE	SS462394	SSG2518JE	30-SEP-94	TRADS	URANIUM-233,-234	0.110 J pCi/L	0.850 pCi/g	YES	0.00055 pCi/g	YES
		SS462494	SSG2519JE					0.780 pCi/g	YES	0.00055 pCi/g	YES
		SS462594	SSG2520JE					0.850 pCi/g	YES	0.00055 pCi/g	YES
		SS462694	SSG2521JE					0.640 pCi/g	YES	0.00055 pCi/g	YES
		SS462794	SSG2522JE					0.670 pCi/g	YES	0.00055 pCi/g	YES
		SS463694	SSG2531JE					0.920 pCi/g	YES	0.00055 pCi/g	YES
		SS463794	SSG2532JE					1.700 pCi/g	YES	0.00055 pCi/g	YES
		SS462294	SSG2517JE					0.660 pCi/g	YES	0.00055 pCi/g	YES

APPENDIX F

Surface Soil and Soil-Gas Sample Tracking Spreadsheets

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
1	09/26/94	SG 2201 94	SGG 2201 JE	160	A	09/26/94	10/10/94	14	EB	SGG2356JE	Y	1000 ml
2	09/26/94	SG 2202 94	SGG 2202 JE	160	A	09/27/94	10/10/94	14			Y	1000 ml
3	09/26/94	SG 2203 94	SGG 2203 JE	160	A	09/27/94	10/10/94	14			Y	1000 ml
4	09/26/94	SG 2204 94	SGG 2204 JE	160	A	09/29/94	10/12/94	16	DUP	SGG2357JE	Y	100ml
5	09/26/94	SG 2205 94	SGG 2205 JE	160	A	09/29/94	10/12/94	16			Y	100ml
6	09/23/94	SG 2206 94	SGG 2206 JE	160	S	09/24/94	10/10/94	17			Y	1000ml
7	09/23/94	SG 2207 94	SGG 2207 JE	160	S	09/23/94	10/10/94	17	EB	SGG2354JE	Y	1000ml
	NA								DUP	SGG2355JE		
8	09/22/94	SG 2208 94	SGG 2208 JE	160	S	09/22/94	10/03/94	11	EB	SGG2350JE	Y	1000ml
9	10/06/94	SG 2209 94	SGG 2209 JE	160	S	10/06/94	10/21/94	15			Y	1000ml
10	10/06/94	SG 2210 94	SGG 2210 JE	160	S	10/06/94	10/21/94	15	EB	SGG2366JE	Y	1000ml
11	09/26/94	SG 2211 94	SGG 2211 JE	160	S	09/27/94	10/10/94	14			Y	1000ml
12	09/26/94	SG 2212 94	SGG 2212 JE	160	S	09/27/94	10/10/94	14			Y	1000ml
13	09/23/94	SG 2213 94	SGG 2213 JE	160	A	09/23/94	10/10/94	17			Y	1000ml OUT OF RANGE
	10/13/94	SG 2213 94	SGG 2213 JE			10/13/94	10/27/94	14	EB	SGG2377JE		100ml
14	09/23/94	SG 2214 94	SGG 2214 JE	160	A	09/23/94	10/10/94	17			Y	1000ml OUT OF RANGE
	10/13/94	SG 2214 94	SGG 2214 JE			10/14/94	11/09/94	27				10ml
15	09/23/94	SG 2215 94	SGG 2215 JE	160	A	09/23/94	10/10/94	17			Y	1000ml
16	09/23/94	SG 2216 94	SGG 2216 JE	160	A	09/23/94	10/10/94	17			Y	1000ml OUT OF RANGE
	10/13/94	SG 2216 94	SGG 2216 JE			10/13/94	10/27/94	14				100ml
17	09/22/94	SG 2217 94	SGG 2217 JE	160	S	09/22/94	10/03/94	11			Y	1000ml
18	09/27/94	SG 2218 94	SGG 2218 JE	160	S	09/27/94	10/10/94	13			Y	1000ml

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
19	10/06/94	SG 2219 94	SGG 2219 JE	160	S	10/06/94	10/21/94	15			Y	1000ml
20	10/04/94	SG 2220 94	SGG 2220 JE	160	S	10/04/94	10/18/94	14	EB	SGG2362JE	Y	1000ml
21	09/28/94	SG 2221 94	SGG 2221 JE	160	S	09/29/94	10/12/94	14			Y	1000ml
22	09/23/94	SG 2222 94	SGG 2222 JE	160	A	09/23/94	10/10/94	17	EB	SGG2353JE	Y	1000ml
23	09/23/94	SG 2223 94	SGG 2223 JE	160	A	09/23/94	10/10/94	17			Y	1000ml
24	09/23/94	SG 2224 94	SGG 2224 JE	160	A	09/23/94	10/10/94	17			Y	1000ml OUT OF RANGE
	10/13/94	SG 2224 94	SGG 2224 JE			10/13/94	10/27/94	14				100ml
25	09/23/94	SG 2225 94	SGG 2225 JE	160	A	09/23/94	10/10/94	17			Y	1000ml OUT OF RANGE
	10/13/94	SG 2225 94	SGG 2225 JE			10/13/94	10/27/94	14				100ml
26	09/22/94	SG 2226 94	SGG 2226 JE	160	S	09/22/94	10/03/94	11			Y	1000ml
27	09/27/94	SG 2227 94	SGG 2227 JE	160	S	09/27/94	10/10/94	13	EB	SGG2360JE	Y	1000ml
28	10/06/94	SG 2228 94	SGG 2228 JE	160	S	10/06/94	10/21/94	15			Y	1000ml
29	11/16/94	SG 2229 94	SGG 2229 JE	160	S	11/16/94	12/07/94	21			Y	1000ml
30	09/28/94	SG 2230 94	SGG 2230 JE	160	S	09/29/94	10/12/94	14			Y	1000ml
31	09/22/94	SG 2231 94	SGG 2231 JE	160	A	09/22/94	10/03/94	11			Y	1000ml
32	09/22/94	SG 2232 94	SGG 2232 JE	160	A	09/22/94	10/03/94	11	DUP	SGG2352JE	Y	1000ml OUT OF RANGE
	10/13/94	SG 2232 94	SGG 2232 JE			10/13/94	10/27/94	14				100ml
33	09/22/94	SG 2233 94	SGG 2233 JE	160	A	09/22/94	10/03/94	11			Y	1000ml OUT OF RANGE
	10/13/94	SG 2233 94	SGG 2233 JE			10/13/94	10/27/94	14				100ml
34	09/22/94	SG 2234 94	SGG 2234 JE	160	A	09/22/94	10/03/94	11			Y	1000ml OUT OF RANGE
	10/13/94	SG 2234 94	SGG 2234 JE			10/14/94	10/27/94	14				100ml
35	09/22/94	SG 2235 94	SGG 2235 JE	160	S	09/22/94	10/03/94	11			Y	1000ml

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
36	09/27/94	SG 2236 94	SGG 2236 JE	160	S	09/27/94	10/10/94	13	DUP	SGG2359JE	Y	1000ml
37	09/28/94	SG 2237 94	SGG 2237 JE	160	S	09/29/94	10/12/94	14	EB	SGG2361JE	Y	1000ml
38	09/28/94	SG 2238 94	SGG 2238 JE	160	S	09/29/94	10/12/94	14			Y	1000ml
39	10/14/94	SG 2239 94	SGG 2239 JE	160	S	10/14/94	11/02/94	19			Y	1000ml
40	09/23/94	SG 2240 94	SGG 2240 JE	160	A	09/23/94	10/10/94	17			Y	1000ml
41	09/22/94	SG 2241 94	SGG 2241 JE	160	A	09/22/94	10/03/94	11			Y	1000ml OUT OF RANGE
	10/14/94	SG 2241 94	SGG 2241 JE			10/14/94	11/02/94	19				100ml
42	09/22/94	SG 2242 94	SGG 2242 JE	160	A	09/22/94	10/03/94	11	EB	SGG2351JE	Y	1000ml OUT OF RANGE
	10/14/94	SG 2242 94	SGG 2242 JE			10/14/94	11/09/94	26				100ml
43	09/22/94	SG 2243 94	SGG 2243 JE	160	A	09/23/94	10/10/94	18			Y	1000ml OUT OF RANGE
	10/14/94	SG 2243 94	SGG 2243 JE			10/17/94	11/02/94	19				100ml
44	09/22/94	SG 2244 94	SGG 2244 JE	160	S	09/23/94	10/10/94	18			Y	1000ml
45	09/27/94	SG 2245 94	SGG 2245 JE	160	S	09/27/94	10/10/94	13			Y	1000ml
46	10/04/94	SG 2246 94	SGG 2246 JE	160	S	10/04/94	10/18/94	14			Y	1000ml
47	09/28/94	SG 2247 94	SGG 2247 JE	160	S	09/29/94	10/12/94	14			Y	1000ml
48	10/12/94	SG 2248 94	SGG 2248 JE	160	S	10/13/94	10/25/94	13	DUP	SGG2376JE	Y	1000ml
49	10/06/94	SG 2249 94	SGG 2249 JE	160	A	10/06/94	10/21/94	15			Y	1000ml
50	09/23/94	SG 2250 94	SGG 2250 JE	160	A	09/26/94	10/10/94	17			Y	1000ml
51	09/23/94	SG 2251 94	SGG 2251 JE	160	A	09/24/94	10/10/94	17			Y	1000ml
52	09/23/94	SG 2252 94	SGG 2252 JE	160	A	09/26/94	10/10/94	17			Y	100ml
53	09/26/94	SG 2253 94	SGG 2253 JE	160	S	09/27/94	10/10/94	14			Y	1000ml
54	09/27/94	SG 2254 94	SGG 2254 JE	160	S	09/27/94	10/10/94	13			Y	1000ml

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
55	10/04/94	SG 2255 94	SGG 2255 JE	160	S	10/04/94	10/18/94	14			Y	1000ml
56	10/06/94	SG 2256 94	SGG 2256 JE	160	S	10/06/94	10/21/94	15	DUP	SGG2365JE	Y	1000ml
57	10/12/94	SG 2257 94	SGG 2257 JE	160	S	10/13/94	10/25/94	13			Y	1000ml
58	10/10/94	SG 2258 94	SGG 2258 JE	160	A	10/11/94	11/02/94	23	DUP	SGG2368JE	Y	100ml
59	10/10/94	SG 2259 94	SGG 2259 JE	160	A	10/10/25	10/25/94	15			Y	1000ml
60	10/10/94	SG 2260 94	SGG 2260 JE	160	A	10/10/25	10/25/94	15			Y	1000ml
61	10/10/94	SG 2261 94	SGG 2261 JE	160	A	10/11/94	11/02/94	23			Y	100ml
62	09/26/94	SG 2262 94	SGG 2262 JE	160	S	09/27/94	10/10/94	14			Y	1000ml
63	09/27/94	SG 2263 94	SGG 2263 JE	160	S	09/27/94	10/10/94	13			Y	1000ml
64	10/04/94	SG 2264 94	SGG 2264 JE	160	S	10/04/94	10/18/94	14			Y	1000ml
65	10/10/94	SG 2265 94	SGG 2265 JE	160	S	10/10/25	10/25/94	15			Y	1000ml
66	10/10/94	SG 2266 94	SGG 2266 JE	160	S	10/10/25	10/25/94	15			Y	1000ml
67	10/10/94	SG 2267 94	SGG 2267 JE	160	A	10/10/25	10/25/94	15			Y	1000ml
68		SG 2268 94	SGG 2268 JE	160							N	ABANDONED-CONNEX
69	10/11/94	SG 2269 94	SGG 2269 JE	160	A	10/11/94	11/02/94	22			Y	1000ml
70	10/11/94	SG 2270 94	SGG 2270 JE	160	A	10/12/94	10/25/94	14			Y	100ml
71	09/26/94			160					EB	SGG2358JE	Y	SITE RECLEARED 09/27/94
	10/06/94	SG 2271 94	SGG 2271 JE		A	10/06/94	10/21/94	15				1000ml
72	10/04/94	SG 2272 94	SGG 2272 JE	160	S	10/04/94	10/18/94	14	DUP	SGG2363JE	Y	1000ml
73	10/10/94	SG 2273 94	SGG 2273 JE	160	S	10/10/25	10/25/94	15	DUP	SGG2370JE	Y	1000ml
74	10/10/94	SG 2274 94	SGG 2274 JE	160	A	10/11/94	11/02/94	23			Y	1000ml
75	10/10/94	SG 2275 94	SGG 2275 JE	160	A	10/10/25	10/25/94	15			Y	1000ml

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

	DATE SAMPLED	RFP SITE ID			EG&G SAMPLE ID			IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
76		SG	2276	94	SGG	2276	JE	160							N	ABANDONED-CONNEX
77	10/11/94	SG	2277	94	SGG	2277	JE	160	A	10/11/94	11/02/94	22			Y	1000ml
78	10/11/94	SG	2278	94	SGG	2278	JE	160	A	10/11/94	11/02/94	22			Y	1000ml
79	10/07/94	SG	2279	94	SGG	2279	JE	160	A	10/10/25	11/02/94	26			Y	1000ml
80	09/27/94	SG	2280	94	SGG	2280	JE	160	S	09/27/94	10/12/94	15			Y	1000ml
81	10/06/94	SG	2281	94	SGG	2281	JE	160	S	10/06/94	10/21/94	15	EB	SGG2364JE	Y	1000ml
82	10/10/94	SG	2282	94	SGG	2282	JE	160	A	10/11/94	11/02/94	23			Y	1000ml
83	10/10/94	SG	2283	94	SGG	2283	JE	160	A	10/10/25	10/25/94	15	EB	SGG2369JE	Y	1000, 100ml OUT OF RANGE
	11/16/94	SG	2283	94	SGG	2283	JE			11/16/94	12/07/94	21				100ml
84		SG	2284	94	SGG	2284	JE	160							N	ABANDONED-CONNEX
85	10/10/94	SG	2285	94	SGG	2285	JE	160	A	10/11/94	11/02/94	23			Y	1000ml
86	10/11/94	SG	2286	94	SGG	2286	JE	160	A	10/11/94	11/02/94	22			Y	1000ml
87	10/07/94	SG	2287	94	SGG	2287	JE	160	A	10/10/25	10/25/94	18	DUP	SGG2367JE	Y	1000ml
88	09/27/94	SG	2288	94	SGG	2288	JE	160	S	09/27/94	10/12/94	15			Y	1000ml
89		SG	2289	94	SGG	2289	JE	160							N	ABANDONED-UTILITY
90		SG	2290	94	SGG	2290	JE	160							N	ABANDONED-UTILITY
91		SG	2291	94	SGG	2291	JE	160							N	ABANDONED-UTILITY
92		SG	2292	94	SGG	2292	JE	160							N	ABANDONED-UTILITY
93		SG	2293	94	SGG	2293	JE	160							N	ABANDONED-UTILITY
94		SG	2294	94	SGG	2294	JE	160							N	ABANDONED-UTILITY
95		SG	2295	94	SGG	2295	JE	160							N	ABANDONED-UTILITY

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

	DATE SAMPLED	RFP SITE ID			EG&G SAMPLE ID			IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
96	10/14/94	SG	2296	94	SGG	2296	JE	160	S	10/14/94	11/02/94	19			Y	1000ml
97	10/10/94	SG	2297	94	SGG	2297	JE	160	A	10/10/94	10/25/94	15			Y	1000ml
98	10/13/94	SG	2298	94	SGG	2298	JE	161	S	10/13/94	10/27/94	14			Y	1000ml
99	11/16/94	SG	2299	94	SGG	2299	JE	161	S	11/16/94	12/07/94	21			Y	1000ml
100	10/13/94	SG	2300	94	SGG	2300	JE	161	S	10/13/94	10/27/94	14			Y	1000ml
101	10/14/94	SG	2301	94	SGG	2301	JE	161	S	10/14/94	11/02/94	19	DUP	SGG2378JE	Y	1000ml
102	10/12/94	SG	2302	94	SGG	2302	JE	161	A	10/12/94	10/27/94	15	EB	SGG2375JE	Y	1000ml
103	10/13/94	SG	2303	94	SGG	2303	JE	161	S	10/13/94	10/27/94	14			Y	1000ml
104	11/16/94	SG	2304	94	SGG	2304	JE	161	S	11/16/94	12/07/94	21			Y	1000ml
105	10/14/94	SG	2305	94	SGG	2305	JE	161	S	10/14/94	11/02/94	19			Y	1000ml
106	10/12/94	SG	2306	94	SGG	2306	JE	161	A	10/12/94	10/27/94	15			Y	1000ml
107	10/12/94	SG	2307	94	SGG	2307	JE	161	A	10/12/94	10/27/94	15	DUP	SGG2374JE	Y	1000ml
108	11/16/94	SG	2308	94	SGG	2308	JE	161	S	11/16/94	12/07/94	21			Y	1000ml
109	10/12/94	SG	2309	94	SGG	2309	JE	161	A	10/12/94	10/27/94	15			Y	1000ml
110	10/12/94	SG	2310	94	SGG	2310	JE	161	S	10/12/94	10/25/94	13			Y	1000ml
111	10/11/94	SG	2311	94	SGG	2311	JE	161	S	10/11/94	11/02/94	22	DUP	SGG2373JE	Y	1000ml
112	10/11/94	SG	2312	94	SGG	2312	JE	161	S	10/12/94	10/25/94	14			Y	1000ml
113	10/11/94	SG	2313	94	SGG	2313	JE	161	S	10/12/94	10/25/94	14			Y	1000ml
114	10/12/94	SG	2314	94	SGG	2314	JE	161	S	10/12/94	12/07/94	56			Y	1000ml
115	10/11/94	SG	2315	94	SGG	2315	JE	161	S	10/11/94	11/02/94	22			Y	1000ml
116	10/11/94	SG	2316	94	SGG	2316	JE	161	S	10/11/94	11/02/94	22			Y	1000ml @ 4'
117	10/11/94	SG	2317	94	SGG	2317	JE	161	S	10/11/94	11/02/94	22			Y	1000ml

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
118	10/11/94	SG 2318 94	SGG 2318 JE	161	S	10/11/94	11/02/94	22	EB	SGG2372JE	Y	1000ml
119	10/11/94	SG 2319 94	SGG 2319 JE	161	S	10/11/94	11/02/94	22	DUP	SGG2371JE	Y	1000ml
120	10/12/94	SG 2320 94	SGG 2320 JE	161	S	10/13/94	10/27/94	15			Y	1000ml
121	10/12/94	SG 2321 94	SGG 2321 JE	161	S	10/12/94	10/27/94	15			Y	1000ml
122	10/12/94	SG 2322 94	SGG 2322 JE	161	S	10/12/94	10/27/94	15			Y	1000ml
123	10/12/94	SG 2323 94	SGG 2323 JE	161	S	10/12/94	10/27/94	15			Y	1000ml
124	10/12/94	SG 2324 94	SGG 2324 JE	161	S	10/12/94	10/27/94	15			Y	1000ml
125	10/12/94	SG 2325 94	SGG 2325 JE	161	S	NA	NA				Y	ABANDONED-REFUSAL

QC BLOCK

	09/22/94	SG 2208 94	SGG 2350 JE	160		NA	NA		EB	SGG2208JE		SURROGATES OUT
	09/22/94	SG 2242 94	SGG 2351 JE	160		09/22/94	09/29/94	7	EB	SGG2242JE		
	09/22/94	SG 2232 94	SGG 2352 JE	160		09/23/94	10/03/94	11	DUP	SGG2232JE		1000ml
	09/23/94	SG 2222 94	SGG 2353 JE	160		09/23/94	10/03/94	10	EB	SGG2222JE		
	09/23/94	SG 2207 94	SGG 2354 JE	160		09/23/94	10/10/94	17	EB	SGG2207JE		
	09/23/94	SG 2207 94	SGG 2355 JE	160		09/26/94	10/10/94	17	DUP	SGG2207JE		1000ml
	09/26/94	SG 2201 94	SGG 2356 JE	160		09/27/94	10/10/94	14	EB	SGG2201JE		
	09/26/94	SG 2204 94	SGG 2357 JE	160		09/27/94	10/10/94	14	DUP	SGG2204JE		1000ml
	09/26/94	SG 2271 94	SGG 2358 JE	160		09/27/94	10/10/94	14	EB	NA		
	09/27/94	SG 2236 94	SGG 2359 JE	160		09/29/94	10/12/94	15	DUP	SGG2236JE		1000ml
	09/27/94	SG 2227 94	SGG 2360 JE	160		09/27/94	10/10/94	13	EB	SGG2227JE		
	09/28/94	SG 2237 94	SGG 2361 JE	160		09/29/94	10/12/94	14	EB	SGG2237JE		

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
10/04/94	SG 2320 94	SGG 2362 JE	160		10/04/94	10/18/94	14	EB	SGG2220JE		
10/04/94	SG 2272 94	SGG 2363 JE	160		10/04/94	10/18/94	14	DUP	SGG2272JE		1000ml
10/06/94	SG 2281 94	SGG 2364 JE	160		10/06/94	10/21/94	15	EB	SGG2281JE		
10/06/94	SG 2256 94	SGG 2365 JE	160		10/06/94	10/21/94	15	DUP	SGG2256JE		1000ml
10/06/94	SG 2210 94	SGG 2366 JE	160		10/06/94	10/21/94	15	EB	SGG2210JE		
10/07/94	SG 2287 94	SGG 2367 JE	160		10/10/94	10/21/94	14	DUP	SGG2287JE		1000ml
10/10/94	SG 2258 94	SGG 2368 JE	160		10/11/94	11/02/94	23	DUP	SGG2258JE		100ml
10/10/94	SG 2283 94	SGG 2369 JE	160		10/10/94	12/07/94	58	EB	SGG2283JE		HIGH NAPHTHALENE
10/10/94	SG 2273 94	SGG 2370 JE	160		10/10/94	10/25/94	15	DUP	SGG2273JE		1000ml
10/11/94	SG 2319 94	SGG 2371 JE	161		NA	NA		DUP	SGG2319JE		SURROGATES OUT
10/11/94	SG 2318 94	SGG 2372 JE	161		10/11/94	11/02/94	22	EB	SGG2318JE		
10/11/94	SG 2311 94	SGG 2373 JE	161		NA	NA		DUP	SGG2311JE		SURROGATES OUT
10/12/94	SG 2307 94	SGG 2374 JE	161		10/13/94	10/27/94	15	DUP	SGG2307JE		1000ml
10/12/94	SG 2302 94	SGG 2375 JE	161		10/12/94	10/25/94	13	EB	SGG2302JE		
10/12/94	SG 2248 94	SGG 2376 JE	160		10/13/94	10/27/94	15	DUP	SGG2248JE		1000ml
10/13/94	SG 2213 94	SGG 2377 JE	160		10/13/94	10/27/94	14	EB	SGG2213JE		
10/14/94	SG 2301 94	SGG 2378 JE	161		10/14/94	11/02/94	19	DUP	SGG2301JE		1000ml
03/09/95	SG 2393 94	SGG 2379 JE	160		03/14/95	03/23/95	14	DUP	SGG2393JE		100ml
03/13/95	SG 2394 94	SGG 2380 JE	160		03/14/95	03/23/95	10	EB	SGG2394JE		
	SG 94	SGG 2381 JE									NOT USED
	SG 94	SGG 2382 JE									NOT USED
	SG 94	SGG 2383 JE									NOT USED

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Operable Unit 14
Sample Tracking Schedule
Soil-Gas (SG) Samples

14-Jun-95

DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	SURFACE	DATE ANAL'D	DATE REC'D	T/A (DAYS)	QA/ QC	PARTNER	UC	COMMENTS
	SG 94	SGG 2384 JE									NOT USED
	SG 94	SGG 2385 JE									NOT USED
	SG 94	SGG 2386 JE									NOT USED
	SG 94	SGG 2387 JE									NOT USED
	SG 94	SGG 2388 JE									NOT USED
	SG 94	SGG 2389 JE									NOT USED
	SG 94	SGG 2390 JE									NOT USED
126 03/09/95	SG 2391 94	SGG 2391 JE	160	A	03/14/95	03/23/95	14			Y	100ml
127 03/09/95	SG 2392 94	SGG 2392 JE	160	A	03/14/95	03/23/95	14			Y	10ml
128 03/09/95	SG 2393 94	SGG 2393 JE	160	A	03/14/95	03/23/95	14	DUP	SGG2379JE	Y	100ml
129 03/13/95	SG 2394 94	SGG 2394 JE	160	A	03/15/95	03/24/95	11	EB	SGG2380JE	Y	1000ml
130 03/13/95	SG 2395 94	SGG 2395 JE	160	A	03/15/95	03/24/95	11			Y	10ml
131 03/13/95	SG 2396 94	SGG 2396 JE	160	A	03/15/95	03/24/95	11			Y	1000ml
132 03/13/95	SG 2397 94	SGG 2397 JE	160	A	03/15/95	03/24/95	11			Y	1000ml
133 03/13/95	SG 2398 94	SGG 2398 JE	160	A	03/15/95	03/24/95	11			Y	1000ml
	SG 2399 94	SGG 2399 JE	160								NOT USED
	SG 2400 94	SGG 2400 JE	160								NOT USED

Notes:

A = asphalt
S= soil
T/A = turnaround
QA= quality assurance
QC= quality control
UC= utility clearance
Y= yes
N= no
ml= milliter

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

NOTES:

RA = TOTAL GROSS ALPHA/BETA
RB = TOTAL Pu 239/240, Am 241
RBA = TOTAL Pu 239/240
RC = TOTAL U 233/234, 235, 238
RCA = TOTAL URANIUM
X = SAMPLE COLLECTED

RH = RAD SCREEN
M = TAL-METALS
V/B = VOLATILES / SEMI-VOLATILES
WL = pH
P = PESTICIDES / PCB
X = DATA ENTERED IN RFEDS

DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
ANALYTES REQUIRED FOR IHSS 131							ALL	ALL	N/A	20	N/A	20	ALL	
1	10/17/94	SS 4300 94	SSG 2195 JE	131			ED,BP,AKM	X	X					X	2 ASPHALT LAYERS
2	10/28/94	SS 4301 94	SSG 2196 JE	131	SSG2650JE	RNS	ED,AKM,RM	X	X		X			X	5" ASPHALT CORE
3	10/28/94	SS 4302 94	SSG 2197 JE	131			ED,AKM,RM	X	X					X	3.5" ASPHALT CORE
4	11/15/94	SS 4303 94	SSG 2198 JE	131			ED,TB,RM	X	X					X	3" ASPHALT CORE
5	11/14/94	SS 4304 94	SSG 2199 JE	131			RM, TB	X	X		X		X	X	2.5" ASPHALT CORE
6	11/15/94	SS 4305 94	SSG 2200 JE	131	SSG2665JE	RNS	ED,TB,RM	X	X		X		X	X	3" ASPHALT CORE
7	11/15/94	SS 4306 94	SSG 2201 JE	131			ED,TB,RM	X	X		X		X	X	3" ASPHALT CORE
8	11/15/94	SS 4307 94	SSG 2202 JE	131			ED,TB,RM	X	X		X		X	X	3" ASPHALT CORE
9	11/15/94	SS 4308 94	SSG 2203 JE	131			ED,TB,RM	X	X		X		X	X	3" ASPHALT CORE
10	11/15/94	SS 4309 94	SSG 2204 JE	131	SSG2666JE	DUP	ED,TB,RM	X	X		X		X	X	2 ASP LAYERS (3"&1")
11	11/14/94	SS 4310 94	SSG 2205 JE	131			ED, BP	X	X		X		X	X	3" ASPHALT CORE
12	11/14/94	SS 4311 94	SSG 2206 JE	131			ED, BP	X	X		X		X	X	3" ASPHALT CORE
13	11/11/94	SS 4312 94	SSG 2207 JE	131			ED, AKM	X	X		X		X	X	3" ASPHALT CORE
14	11/02/94	SS 4313 94	SSG 2208 JE	131			AKM, BP, ED	X	X		X		X	X	3" ASPHALT CORE
15	11/02/94	SS 4314 94	SSG 2209 JE	131			AKM, BP, ED	X	X		X		X	X	6" ASPHALT CORE
16	11/11/94	SS 4315 94	SSG 2210 JE	131			ED, AKM	X	X		X		X	X	3" ASPHALT CORE
17	11/14/94	SS 4316 94	SSG 2211 JE	131			RM, TB	X	X					X	2.5" ASPHALT CORE
18	11/14/94	SS 4317 94	SSG 2212 JE	131			RM, TB	X	X					X	3.5" ASPHALT CORE
19	10/17/94	SS 4318 94	SSG 2213 JE	131			ED,BP,AKM	X	X					X	5" ASPHALT CORE
20	10/17/94	SS 4319 94	SSG 2214 JE	131	SSG2631JE	RNS	ED,BP,AKM	X	X					X	2 ASPHALT LAYERS
		SS 4319 94	BFG 0133 JE					X	X					X	0 - 2.5"
21	11/14/94	SS 4320 94	SSG 2215 JE	131	SSG2664JE	DUP	RM, TB	X	X					X	EXPOSED SOIL
22	11/11/94	SS 4321 94	SSG 2216 JE	131			ED, AKM	X	X		X		X	X	3" ASPHALT CORE

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Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

NOTES:

RA = TOTAL GROSS ALPHA/BETA
RB = TOTAL Pu 239/240, Am 241
RBA = TOTAL Pu 239/240
RC = TOTAL U 233/234, 235, 238
RCA = TOTAL URANIUM
X = SAMPLE COLLECTED

RH = RAD SCREEN
M = TAL-METALS
V/B = VOLATILES / SEMI-VOLATILES
WL = pH
P = PESTICIDES / PCB
X = DATA ENTERED IN RFEDS

	DATE SAMPLED	RFP SITE ID			EG&G SAMPLE ID			IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
23	11/11/94	SS	4322	94	SSG	2217	JE	131	SSG2662JE	RNS	ED, AKM	X	X		X		X	X	3" ASPHALT CORE
24	11/02/94	SS	4323	94	SSG	2218	JE	131	SSG2653JE	RNS	AKM, BP, ED	X	X		X		X	X	3" ASPHALT CORE
25	11/02/94	SS	4324	94	SSG	2219	JE	131			AKM, BP, ED	X	X		X		X	X	4" ASPHALT CORE
26	11/14/94	SS	4325	94	SSG	2220	JE	131			ED, BP	X	X		X		X	X	EXPOSED SOIL
27	11/14/94	SS	4326	94	SSG	2221	JE	131	SSG2663JE	RNS	ED, BP	X	X		X		X	X	2" ASPHALT CORE
28	LOST	SS	4327	94	SSG	2222	JE	131											INSIDE BUILDING
29	LOST	SS	4328	94	SSG	2223	JE	131											INSIDE BUILDING
ANALYTES REQUIRED FOR IHSS 156.1												ALL	ALL	N/A	N/A	N/A	N/A	ALL	
30	09/23/94	SS	4329	94	SSG	2224	JE	156.1	SSG2594JE	RNS	DL,RP,RB,FL	X	X					X	3 - 6"
		SS	4329	94	BFG	0129	JE					X	X					X	BASEFILL 0 - 3"
31	11/08/94	SS	4330	94	SSG	2225	JE	156.1			ED, RM	X	X					X	5" ASPHALT CORE
32	11/08/94	SS	4331	94	SSG	2226	JE	156.1	SSG2658JE	RNS	ED, RM	X	X					X	6.5" ASPHALT CORE
33	11/08/94	SS	4332	94	SSG	2227	JE	156.1			ED, RM	X	X					X	5" ASPHALT CORE
34	09/27/94	SS	4333	94	SSG	2228	JE	156.1			ED, TB, AKM	X	X					X	5" ASPHALT CORE
35	09/23/94	SS	4334	94	SSG	2229	JE	156.1			DL,RP,RB,FL	X	X					X	2.5 - 6"
		SS	4334	94	BFG	0130	JE					X	X					X	BASEFILL 0 - 2.5"
36	11/09/94	SS	4335	94	SSG	2230	JE	156.1			ED, RM	X	X					X	6" ASPHALT CORE
37	11/09/94	SS	4336	94	SSG	2231	JE	156.1			ED, RM	X	X					X	5.5" ASPHALT CORE
38	11/09/94	SS	4337	94	SSG	2232	JE	156.1	SSG2659JE	RNS	ED, RM	X	X					X	5" ASPHALT CORE
39	09/27/94	SS	4338	94	SSG	2233	JE	156.1			ED, TB, AKM	X	X					X	5" ASPHALT CORE
40	09/23/94	SS	4339	94	SSG	2234	JE	156.1			DL,RP,RB,FL	X	X					X	
41	09/23/94	SS	4340	94	SSG	2235	JE	156.1			DL,RP,RB,FL	X	X					X	
42	10/26/94	SS	4341	94	SSG	2236	JE	156.1	SSG2647JE	RNS	ED, AKM	X	X					X	4" ASPHALT CORE

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Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

NOTES:

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M = TAL-METALS
V/B = VOLATILES / SEMI-VOLATILES
WL = pH
P = PESTICIDES / PCB
X = DATA ENTERED IN RFEDS

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
		SS 4341 94	BFG 0136 JE					X	X					X	
43	10/20/94	SS 4342 94	SSG 2237 JE	156.1			RM, BP, AKM	X	X					X	2.5" ASPHALT CORE
		SS 4342 94	BFG 0135 JE					X	X					X	BASEFILL 0-2.5"
44	09/27/94	SS 4343 94	SSG 2238 JE	156.1			ED, TB, AKM	X	X					X	4" ASPHALT CORE
45	LOST	SS 4344 94	SSG 2239 JE	156.1											INSIDE PACS 2
46	LOST	SS 4345 94	SSG 2240 JE	156.1											INSIDE PACS 2
47	10/26/94	SS 4346 94	SSG 2241 JE	156.1			ED, AKM	X	X					X	6" ASPHALT CORE
48	09/22/94	SS 4347 94	SSG 2242 JE	156.1	SSG2593JE	RNS	ED, RP	X	X					X	
49	09/27/94	SS 4348 94	SSG 2243 JE	156.1	SSG2598JE	DUP	ED, TB, AKM	X	X					X	3" ASPHALT CORE
50	10/26/94	SS 4349 94	SSG 2244 JE	156.1			ED, AKM	X	X					X	EXPOSED SOIL
51	11/10/94	SS 4350 94	SSG 2245 JE	156.1			AKM, BP	X	X					X	EXPOSED SOIL
52	10/03/94	SS 4351 94	SSG 2246 JE	156.1			RM, AKM	X	X					X	EXPOSED SOIL
53	10/20/94	SS 4352 94	SSG 2247 JE	156.1			RM, BP, AKM	X	X					X	4.5" ASPHALT CORE
54	09/27/94	SS 4353 94	SSG 2248 JE	156.1			ED, TB, AKM	X	X					X	3" ASPHALT CORE
55	10/26/94	SS 4354 94	SSG 2249 JE	156.1			ED, AKM	X	X					X	EXPOSED SOIL
56	11/03/94	SS 4355 94	SSG 2250 JE	156.1	SSG2654JE	RNS	AKM, BP	X	X					X	EXPOSED SOIL
57	10/03/94	SS 4356 94	SSG 2251 JE	156.1			RM, AKM	X	X					X	EXPOSED SOIL
58	11/09/94	SS 4357 94	SSG 2252 JE	156.1			RM, ED	X	X					X	2" ASPHALT CORE
59	09/26/94	SS 4358 94	SSG 2253 JE	156.1			RM,ED,BP,FL	X	X					X	3" ASPHALT CORE
60	11/03/94	SS 4359 94	SSG 2254 JE	156.1			AKM, BP	X	X					X	EXPOSED SOIL
61	11/10/94	SS 4360 94	SSG 2255 JE	156.1			AKM, BP	X	X					X	EXPOSED SOIL
62	10/03/94	SS 4361 94	SSG 2256 JE	156.1	SSG2610JE	DUP	RM, AKM	X	X					X	EXPOSED SOIL
63	09/26/94	SS 4362 94	SSG 2257 JE	156.1	SSG2595JE	RNS	RM,ED,BP,FL	X	X					X	9" ASPHALT CORE
64	09/26/94	SS 4363 94	SSG 2258 JE	156.1			RM,ED,BP,FL	X	X					X	3.5" ASPHALT CORE

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

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	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
65	11/03/94	SS 4364 94	SSG 2259 JE	156.1	SSG2655JE	DUP	AKM, BP	X	X					X	EXPOSED SOIL
66	LOST	SS 4365 94	SSG 2260 JE	156.1											INSIDE BLDG
67	10/03/94	SS 4366 94	SSG 2261 JE	156.1			RM, AKM	X	X					X	EXPOSED SOIL
68	11/08/94	SS 4367 94	SSG 2262 JE	156.1			ED, RM	X	X					X	9" ASPHALT CORE
69	09/26/94	SS 4368 94	SSG 2263 JE	156.1			RM,ED,BP,FL	X	X					X	3.5" ASPHALT CORE
70	10/03/94	SS 4369 94	SSG 2264 JE	156.1	SSG2611JE/2609	D / R	RM, AKM	X	X					X	EXPOSED SOIL
71	10/03/94	SS 4370 94	SSG 2265 JE	156.1			RM, AKM	X	X					X	EXPOSED SOIL
72	10/26/94	SS 4371 94	SSG 2266 JE	156.1			ED, AKM	X	X					X	3" ASPHALT CORE
73	09/27/94	SS 4372 94	SSG 2267 JE	156.1	SSG2596JE	RNS	ED, TB, AKM	X	X					X	8" ASPHALT CORE
74	09/26/94	SS 4373 94	SSG 2268 JE	156.1			RM,ED,BP,FL	X	X					X	3" ASPHALT CORE
75	11/29/94	SS 4374 94	SSG 2269 JE	156.1			RM, TB	X	X					X	EXPOSED SOIL/REWORKED
76	11/29/94	SS 4375 94	SSG 2270 JE	156.1	SSG2669JE	RNS	RM, TB	X	X					X	EXPOSED SOIL/REWORKED
77	11/10/94	SS 4376 94	SSG 2271 JE	156.1	SSG2661JE	DUP	AKM, BP	X	X					X	EXPOSED SOIL
78	11/10/94	SS 4377 94	SSG 2272 JE	156.1	SSG2660JE	RNS	AKM, BP	X	X					X	EXPOSED SOIL
79	09/26/94	SS 4378 94	SSG 2273 JE	156.1			RM,ED,BP,FL	X	X					X	12" ASPHALT CORE
80	10/03/94	SS 4379 94	SSG 2274 JE	156.1			TB, BP	X	X					X	3" ASPHALT CORE
81	10/03/94	SS 4380 94	SSG 2275 JE	156.1	SSG2608JE	RNS	TB, BP	X	X					X	3" ASPHALT CORE
82	09/29/94	SS 4381 94	SSG 2276 JE	156.1	SSG2602JE	RNS	ED,RM,BP,AK	X	X					X	3.5" ASPHALT CORE
83	09/29/94	SS 4382 94	SSG 2277 JE	156.1	SSG2604JE	DUP	ED,RM,BP,AK	X	X					X	4" ASPHALT CORE
84	10/03/94	SS 4383 94	SSG 2278 JE	156.1			TB, BP	X	X					X	3" ASPHALT CORE
85	10/03/94	SS 4384 94	SSG 2279 JE	156.1			TB, BP	X	X					X	3" ASPHALT CORE
86	10/18/94	SS 4385 94	SSG 2280 JE	156.1			ED, TB	X	X					X	2" ASPHALT CORE
87	10/04/94	SS 4386 94	SSG 2281 JE	156.1			BP, TB	X	X					X	2.5" ASPHALT CORE
88	10/18/94	SS 4387 94	SSG 2282 JE	156.1	SSG2632JE	RNS	ED, TB	X	X					X	3" ASPHALT CORE

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Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

NOTES:

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V/B = VOLATILES / SEMI-VOLATILES
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	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
89	10/04/94	SS 4388 94	SSG 2283 JE	156.1			BP, TB	X	X					X	3" ASPHALT CORE
90	10/04/94	SS 4389 94	SSG 2284 JE	156.1			BP, TB	X	X					X	2.5" ASPHALT CORE
91	10/04/94	SS 4390 94	SSG 2285 JE	156.1	SSG2612JE	RNS	BP, TB	X	X					X	3" ASPHALT CORE
92	10/13/94	SS 4391 94	SSG 2286 JE	156.1	SSG2630JE	RNS	ED,BP,AKM	X	X					X	3.5" ASPHALT CORE
93	10/13/94	SS 4392 94	SSG 2287 JE	156.1			ED,BP,AKM	X	X					X	3.5" ASPHALT CORE
94	10/20/94	SS 4393 94	SSG 2288 JE	156.1	SSG2641JE/2642	R/D	RM, BP, AKM	X	X					X	3.5" ASPHALT CORE
95	10/20/94	SS 4394 94	SSG 2289 JE	156.1			RM, BP, AKM	X	X					X	3" ASPHALT CORE
96	10/05/94	SS 4395 94	SSG 2290 JE	156.1			RM, AKM, BP	X	X					X	3" ASPHALT CORE
97	10/05/94	SS 4396 94	SSG 2291 JE	156.1	SSG2615JE/2616	R / D	RM, AKM, BP	X	X					X	3" ASPHALT CORE
ANALYTES REQUIRED FOR IHSS 160								ALL	N/A	ALL	N/A	18	50	ALL	
98	08/31/94	SS 4397 94	SSG 2292 JE	160			ED,RM,MP	X		X		X	X	X	
99	08/31/94	SS 4398 94	SSG 2293 JE	160			ED,RM,MP	X		X		X	X	X	
100	08/31/94	SS 4399 94	SSG 2294 JE	160			ED,RM,MP	X		X		X	X	X	
101	08/31/94	SS 4400 94	SSG 2295 JE	160	SSG2564JE/2565	R / D	ED,RM,MP	X		X			X	X	
102	08/29/94	SS 4401 94	SSG 2296 JE	160			RM,ED,DL,MP	X		X			X	X	EXPOSED SOIL
103	08/29/94	SS 4402 94	SSG 2297 JE	160	SSG2561JE/2562	R / D	RM,ED,DL,MP	X		X			X	X	EXPOSED SOIL
104	08/29/94	SS 4403 94	SSG 2298 JE	160			RM,ED,DL,MP	X		X			X	X	EXPOSED SOIL
105	08/29/94	SS 4404 94	SSG 2299 JE	160			RM,ED,DL,MP	X		X			X	X	EXPOSED SOIL
106	09/07/94	SS 4405 94	SSG 2300 JE	160	SSG2571JE	RNS	RM, TW	X		X			X	X	EXPOSED SOIL
107	09/02/94	SS 4406 94	SSG 2301 JE	160			RM,ED,AW	X		X		X	X	X	EXPOSED SOIL
108	09/02/94	SS 4407 94	SSG 2302 JE	160			RM,ED,AW	X		X		X	X	X	EXPOSED SOIL
109	09/02/94	SS 4408 94	SSG 2303 JE	160	SSG2567JE/2568	R / D	RM,ED,AW	X		X		X	X	X	EXPOSED SOIL
110	09/01/94	SS 4409 94	SSG 2304 JE	160			RM,ED,MP,AW	X		X			X	X	

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

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	DATE SAMPLED	RFP SITE ID			EG&G SAMPLE ID			IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
111	09/01/94	SS	4410	94	SSG	2305	JE	160	SSG2566JE	RNS	RM,ED,MP,AW	X		X			X	X	
112	08/31/94	SS	4411	94	SSG	2306	JE	160			ED,RM,MP	X		X			X	X	4-6"
	08/31/94	SS	4411	94	BFG	0121	JE					X		X			X	X	BASE FILL 0-4"
113	08/31/94	SS	4412	94	SSG	2307	JE	160			ED,RM,MP	X		X			X	X	
114	08/29/94	SS	4413	94	SSG	2308	JE	160			RM,ED,DL,MP	X		X			X	X	EXPOSED SOIL
115	09/07/94	SS	4414	94	SSG	2309	JE	160			RM, TW	X		X			X	X	EXPOSED SOIL
116	09/06/94	SS	4415	94	SSG	2310	JE	160			RM, TW	X		X		X	X	X	EXPOSED SOIL
117	09/02/94	SS	4416	94	SSG	2311	JE	160			RM,ED,AW	X		X		X	X	X	EXPOSED SOIL
118	09/02/94	SS	4417	94	SSG	2312	JE	160			RM,ED,AW	X		X		X	X	X	EXPOSED SOIL
119	09/12/94	SS	4418	94	SSG	2313	JE	160	SSG2578JE	RNS	ED, RM, MP	X		X			X	X	
120	09/12/94	SS	4419	94	SSG	2314	JE	160			ED, RM, MP	X		X			X	X	
121	09/12/94	SS	4420	94	SSG	2315	JE	160			ED, RM, MP	X		X			X	X	
122	08/30/94	SS	4421	94	SSG	2316	JE	160			ED,RM,MP	X		X			X	X	
123	09/08/94	SS	4422	94	SSG	2317	JE	160	SSG2574JE	RNS	ED, RM, MP	X		X			X	X	EXPOSED SOIL
124	09/07/94	SS	4423	94	SSG	2318	JE	160			RM, TW	X		X			X	X	EXPOSED SOIL
125	09/06/94	SS	4424	94	SSG	2319	JE	160				X		X		X	X	X	EXPOSED SOIL
126	09/06/94	SS	4425	94	SSG	2320	JE	160				X		X		X	X	X	EXPOSED SOIL
127	09/06/94	SS	4426	94	SSG	2321	JE	160	SSG2569JE	RNS	RM, AW	X		X		X	X	X	EXPOSED SOIL
128	09/12/94	SS	4427	94	SSG	2322	JE	160			ED, RM, MP	X		X				X	
129	09/12/94	SS	4428	94	SSG	2323	JE	160			ED, RM, MP	X		X				X	4" - 6"
		SS	4428	94	BFG	0124	JE					X		X				X	BASEFILL 0 - 4"
130	08/30/94	SS	4429	94	SSG	2324	JE	160			ED,RM,MP	X		X				X	
131	08/30/94	SS	4430	94	SSG	2325	JE	160	SSG2563JE	RNS	ED,RM,MP	X		X				X	
132	09/08/94	SS	4431	94	SSG	2326	JE	160	SSG2573JE	DUP	ED, RM, MP	X		X				X	EXPOSED SOIL

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

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133	09/07/94	SS 4432 94	SSG 2327 JE	160			RM, TW	X		X				X	EXPOSED SOIL
134	09/16/94	SS 4433 94	SSG 2328 JE	160	SSG2583JE/2584	R / D	ED,RM,AK,RB	X		X		X	X	X	EXPOSED SOIL
135	09/06/94	SS 4434 94	SSG 2329 JE	160			RM, AW	X		X		X	X	X	EXPOSED SOIL
136	09/06/94	SS 4435 94	SSG 2330 JE	160			RM, AW	X		X		X	X	X	EXPOSED SOIL
137	09/12/94	SS 4436 94	SSG 2331 JE	160			ED, RM, MP	X		X				X	
138	09/01/94	SS 4437 94	SSG 2332 JE	160			RM,ED,MP,AW	X		X				X	
139	09/01/94	SS 4438 94	SSG 2333 JE	160			RM,ED,MP,AW	X		X				X	2.5 - 6"
		SS 4438 94	BFG 0122 JE					X		X				X	BASEFILL 0 - 2.5"
140	09/01/94	SS 4439 94	SSG 2334 JE	160			RM,ED,MP,AW	X		X				X	
141	09/08/94	SS 4440 94	SSG 2335 JE	160	SSG2575JE	DUP	ED, RM, MP	X		X				X	EXPOSED SOIL
142	09/07/94	SS 4441 94	SSG 2336 JE	160			RM, TW	X		X				X	EXPOSED SOIL
143	09/16/94	SS 4442 94	SSG 2337 JE	160	SSG2585JE	DUP	ED,RM,AK,RB	X		X		X	X	X	EXPOSED SOIL
144	09/06/94	SS 4443 94	SSG 2338 JE	160			RM, TW	X		X		X	X	X	EXPOSED SOIL
145	09/06/94	SS 4444 94	SSG 2339 JE	160			RM, TW	X		X		X	X	X	EXPOSED SOIL
146	09/13/94	SS 4445 94	SSG 2340 JE	160	SSG2579JE/2580	R / D		X		X				X	
147	09/13/94	SS 4446 94	SSG 2341 JE	160			ED, RM, MP	X		X				X	3 - 6"
		SS 4446 94	BFG 0125 JE				ED, RM, MP	X		X				X	BASEFILL 0 - 3"
148	09/13/94	SS 4447 94	SSG 2342 JE	160			ED, RM, MP	X		X				X	3 - 6"
		SS 4447 94	BFG 0126 JE				ED, RM, MP	X		X				X	BASEFILL 0 - 3"
149	09/13/94	SS 4448 94	SSG 2343 JE	160			ED, RM, MP	X		X				X	4 - 6"
		SS 4448 94	BFG 0127 JE				ED, RM, MP	X		X				X	BASEFILL 0 - 4"
150	09/08/94	SS 4449 94	SSG 2344 JE	160	SSG2576JE	DUP	ED, RM, MP	X		X				X	EXPOSED SOIL
151	09/07/94	SS 4450 94	SSG 2345 JE	160			RM, TW	X		X				X	EXPOSED SOIL
152	09/16/94	SS 4451 94	SSG 2346 JE	160			ED,RM,AK,RB	X		X			X	X	EXPOSED SOIL

Operable Unit 14
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Surface Soil (SS) Samples

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153	09/14/94	SS 4452 94	SSG 2347 JE	160			ED, MP, AKM	X		X			X	X	EXPOSED SOIL
154	09/14/94	SS 4453 94	SSG 2348 JE	160			ED, MP, AKM	X		X			X	X	EXPOSED SOIL
155	09/06/94	SS 4454 94	SSG 2349 JE	160	SSG2570JE	RNS	ED, MP, FL	X		X				X	
156	09/06/94	SS 4455 94	SSG 2350 JE	160			ED, MP, FL	X		X				X	
157	09/06/94	SS 4456 94	SSG 2351 JE	160			ED, MP, FL	X		X				X	
158	09/06/94	SS 4457 94	SSG 2352 JE	160			ED, MP, FL	X		X				X	
159	09/08/94	SS 4458 94	SSG 2353 JE	160			ED, RM, MP	X		X				X	EXPOSED SOIL
160	09/07/94	SS 4459 94	SSG 2354 JE	160			RM, TW	X		X				X	EXPOSED SOIL
161	09/16/94	SS 4460 94	SSG 2355 JE	160			ED,RM,AK,RB	X		X			X	X	EXPOSED SOIL
162	09/14/94	SS 4461 94	SSG 2356 JE	160			ED, MP	X		X			X	X	EXPOSED SOIL
163	09/14/94	SS 4462 94	SSG 2357 JE	160			ED, MP	X		X			X	X	EXPOSED SOIL
164	09/06/94	SS 4463 94	SSG 2358 JE	160			ED, MP, FL	X		X				X	
165	LOST	SS 4464 94	SSG 2359 JE	160											UNDER CONNEX
166	09/07/94	SS 4465 94	SSG 2360 JE	160			ED, MP	X		X				X	
167	09/13/94	SS 4466 94	SSG 2361 JE	160			ED, RM, MP	X		X				X	
168	09/08/94	SS 4467 94	SSG 2362 JE	160			ED, RM, MP	X		X				X	
169	09/16/94	SS 4468 94	SSG 2363 JE	160			ED,RM,AK,RB	X		X			X	X	EXPOSED SOIL
170	09/14/94	SS 4469 94	SSG 2364 JE	160			ED, MP	X		X			X	X	EXPOSED SOIL
171	09/15/94	SS 4470 94	SSG 2365 JE	160	SSG2582JE	RNS	ED, RM, AKM	X		X			X	X	TWO ASPHALT LAYERS
172	09/06/94	SS 4471 94	SSG 2366 JE	160			ED, MP, FL	X		X				X	
173	LOST	SS 4472 94	SSG 2367 JE	160											UNDER CONNEX
174	09/07/94	SS 4473 94	SSG 2368 JE	160			ED, MP	X		X				X	
175	09/13/94	SS 4474 94	SSG 2369 JE	160			ED, RM, MP	X		X				X	
176	09/09/94	SS 4475 94	SSG 2370 JE	160	SSG2577JE	RNS	ED, RM, MP	X		X				X	EXPOSED SOIL

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Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

NOTES:

RA = TOTAL GROSS ALPHA/BETA
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RBA = TOTAL Pu 239/240
RC = TOTAL U 233/234, 235, 238
RCA = TOTAL URANIUM
X = SAMPLE COLLECTED

RH = RAD SCREEN
M = TAL-METALS
V/B = VOLATILES / SEMI-VOLATILES
WL = pH
P = PESTICIDES / PCB
X = DATA ENTERED IN RFEDS

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
177	09/09/94	SS 4476 94	SSG 2371 JE	160			ED, RM, MP	X		X				X	EXPOSED SOIL
178	09/16/94	SS 4477 94	SSG 2372 JE	160			ED,RM,AK,RB	X		X			X	X	EXPOSED SOIL
179	09/15/94	SS 4478 94	SSG 2373 JE	160			ED, RM, AKM	X		X			X	X	
180	09/07/94	SS 4479 94	SSG 2374 JE	160	SSG2572JE	RNS	ED, MP	X		X				X	
181	LOST	SS 4480 94	SSG 2375 JE	160											UNDER CONNEX
182	09/07/94	SS 4481 94	SSG 2376 JE	160			ED, MP	X		X				X	2" - 6"
	09/07/94	SS 4481 94	BFG 0123 JE					X		X				X	0 - 2"
183	09/15/94	SS 4482 94	SSG 2377 JE	160			ED, RM	X		X				X	4 - 6"
		SS 4482 94	BFG 0128 JE					X		X				X	BASEFILL 0 - 4"
184	09/09/94	SS 4483 94	SSG 2378 JE	160			ED, RM, MP	X		X				X	EXPOSED SOIL
185	09/09/94	SS 4484 94	SSG 2379 JE	160			ED, RM, MP	X		X				X	EXPOSED SOIL
186	09/19/94	SS 4485 94	SSG 2380 JE	160			ED, RM	X		X			X	X	
187	09/15/94	SS 4486 94	SSG 2381 JE	160			ED, RM, AKM	X		X			X	X	
188	09/19/94	SS 4487 94	SSG 2382 JE	160	SSG2586JE	RNS	ED, RM	X		X			X	X	
189	09/07/94	SS 4488 94	SSG 2383 JE	160			ED, MP	X		X				X	
190	09/07/94	SS 4489 94	SSG 2384 JE	160			ED, MP	X		X				X	
191	09/07/94	SS 4490 94	SSG 2385 JE	160			ED, MP	X		X				X	
192	09/15/94	SS 4491 94	SSG 2386 JE	160			ED, RM, AKM	X		X				X	ADJ. GRID DUE TO CONNEX
193	09/09/94	SS 4492 94	SSG 2387 JE	160			ED, RM, MP	X		X				X	EXPOSED SOIL
194	09/14/94	SS 4493 94	SSG 2388 JE	160	SSG2581JE	RNS	ED, MP, AKM	X		X				X	
ANALYTES REQUIRED FOR IHSS 161								ALL	N/A	ALL	N/A	N/A	N/A	ALL	
195	09/21/94	SS 4494 94	SSG 2389 JE	161	SSG2590JE	RNS	ED, RM, PH	X		X				X	EXPOSED SOIL
196	09/21/94	SS 4495 94	SSG 2390 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL

Operable Unit 14
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197	09/21/94	SS 4496 94	SSG 2391 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
198	09/22/94	SS 4497 94	SSG 2392 JE	161	SSG2592JE	RNS	ED, DL, SB	X		X				X	EXPOSED SOIL
199	*	SS 4498 94	SSG 2393 JE	161											SEE OU 12 SSG1468JE
200	09/21/94	SS 4499 94	SSG 2394 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
201	09/21/94	SS 4500 94	SSG 2395 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
202	09/22/94	SS 4501 94	SSG 2396 JE	161			ED, DL, SB	X		X				X	EXPOSED SOIL
203	09/22/94	SS 4502 94	SSG 2397 JE	161			ED, DL, SB	X		X				X	
204	*	SS 4503 94	SSG 2398 JE	161											SEE OU 12 SSG1472JE
205	09/21/94	SS 4504 94	SSG 2399 JE	161	SSG2591JE	DUP	ED, RM, PH	X		X				X	EXPOSED SOIL
206	09/21/94	SS 4505 94	SSG 2400 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
207	09/21/94	SS 4506 94	SSG 2401 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
208	09/20/94	SS 4507 94	SSG 2402 JE	161	SSG2588JE	DUP	ED, RM, PH	X		X				X	EXPOSED SOIL
209	09/20/94	SS 4508 94	SSG 2403 JE	161	SSG2589JE	DUP	ED, RM, PH	X		X				X	EXPOSED SOIL
210	09/20/94	SS 4509 94	SSG 2404 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
211	09/21/94	SS 4510 94	SSG 2405 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
212	09/20/94	SS 4511 94	SSG 2406 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
213	09/20/94	SS 4512 94	SSG 2407 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
214	09/20/94	SS 4513 94	SSG 2408 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
215	09/20/94	SS 4514 94	SSG 2409 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
216	09/20/94	SS 4515 94	SSG 2410 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
217	09/20/94	SS 4516 94	SSG 2411 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
218	09/20/94	SS 4517 94	SSG 2412 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
219	09/20/94	SS 4518 94	SSG 2413 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
220	09/20/94	SS 4519 94	SSG 2414 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

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221	09/20/94	SS 4520 94	SSG 2415 JE	161			ED, RM, PH	X		X				X	EXPOSED SOIL
222	09/20/94	SS 4521 94	SSG 2416 JE	161	SSG2587JE	RNS	ED, RM, PH	X		X				X	EXPOSED SOIL
ANALYTES REQUIRED FOR IHSS 162								ALL	ALL	N/A	2	N/A	2	ALL	
223	10/12/94	SS 4522 94	SSG 2417 JE	162			RM,AKM,TB	X	X					X	5" ASPHALT CORE
224	10/12/94	SS 4523 94	SSG 2418 JE	162	SSG2629JE	DUP	RM,AKM,TB	X	X					X	5.5" ASPHALT CORE
225	10/12/94	SS 4524 94	SSG 2419 JE	162			RM,AKM,TB	X	X					X	2 ASPHALT LAYERS (8" TOTAL)
226	10/12/94	SS 4525 94	SSG 2420 JE	162	SSG2628JE	RNS	RM,AKM,TB	X	X					X	4" ASPHALT CORE
227	10/11/94	SS 4526 94	SSG 2421 JE	162	SSG2626JE	DUP	RM,TB,AKM	X	X					X	5" ASPHALT CORE
228	10/11/94	SS 4527 94	SSG 2422 JE	162	SSG2625JE	RNS	RM,TB,AKM	X	X					X	7" ASPHALT CORE
229	10/12/94	SS 4528 94	SSG 2423 JE	162			RM,TB,AKM	X	X					X	EXPOSED SOIL
230	12/01/94	SS 4529 94	SSG 2424 JE	162			AKM, BP	X	X		X	X	X	X	ALSO PEST/PCB, HERB
231	12/01/94	SS 4530 94	SSG 2425 JE	162	SSG2670JE	RNS	AKM, BP	X	X		X	X	X	X	ALSO PEST/PCB, HERB
232	11/22/94	SS 4531	SSG 2426 JE	162			RM, TB	X	X					X	EXPOSED SOIL
233	11/22/94	SS 4532 94	SSG 2427 JE	162	SSG2667JE/2668	R / D	RM, TB	X	X					X	EXPOSED SOIL
234	11/22/94	SS 4533 94	SSG 2428 JE	162			RM, TB	X	X					X	EXPOSED SOIL
235	LOST	SS 4534 94	SSG 2429 JE	162											INSIDE PSZ FENCE
236	12/01/94	SS 4535 94	SSG 2430 JE	162			AKM, BP	X	X					X	EXPOSED SOIL
237	12/01/94	SS 4536 94	SSG 2431 JE	162	SSG2671JE	DUP	AKM, BP	X	X					X	2" ASPHALT CORE
238	11/22/94	SS 4537 94	SSG 2432 JE	162			RM, TB	X	X					X	EXPOSED SOIL
239	11/22/94	SS 4538 94	SSG 2433 JE	162			RM, TB	X	X					X	EXPOSED SOIL
240	11/22/94	SS 4539 94	SSG 2434 JE	162			RM, TB	X	X					X	EXPOSED SOIL
241	11/22/94	SS 4540 94	SSG 2435 JE	162			RM, TB	X	X					X	EXPOSED SOIL
242	09/29/94	SS 4541 94	SSG 2436 JE	162	SSG2606JE	DUP	ED, TB	X	X					X	EXPOSED SOIL

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

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	DATE SAMPLED	RFP SITE ID			EG&G SAMPLE ID			IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
243	09/29/94	SS	4542	94	SSG	2437	JE	162			ED, TB	X	X					X	EXPOSED SOIL
244	09/29/94	SS	4543	94	SSG	2438	JE	162			ED, TB	X	X					X	EXPOSED SOIL
245	09/29/94	SS	4544	94	SSG	2439	JE	162	SSG2603JE	RNS	ED, TB	X	X					X	EXPOSED SOIL
246	10/19/94	SS	4545	94	SSG	2440	JE	162			ED,BP,AKM	X	X					X	7" ASPHALT CORE
ANALYTES REQUIRED FOR IHSS 164.1												ALL	ALL	N/A	N/A	N/A	N/A	ALL	
247	10/31/94	SS	4546	94	SSG	2441	JE	164.1	SSG2651JE	RNS	BP,AKM,DH	X	X					X	2.5" ASPHALT CORE
248	10/31/94	SS	4547	94	SSG	2442	JE	164.1			BP,AKM,DH	X	X					X	3" ASPHALT CORE
249	10/31/94	SS	4548	94	SSG	2443	JE	164.1			BP,AKM,DH	X	X					X	2 ASPHALT LAYERS (3" & 2")
250	11/07/94	SS	4549	94	SSG	2444	JE	164.1	SSG2657JE	RNS	AKM, BP	X	X					X	4" ASPHALT CORE
251	10/31/94	SS	4550	94	SSG	2445	JE	164.1			BP,AKM,DH	X	X					X	3.5" ASPHALT CORE
252	10/31/94	SS	4551	94	SSG	2446	JE	164.1	SSG2652JE	DUP	BP,AKM,DH	X	X					X	2 ASPHALT LAYERS (3.5" & 2")
253	11/03/94	SS	4552	94	SSG	2447	JE	164.1	SSG2656JE	RNS	RM, TB	X	X					X	4" ASPHALT CORE
254	11/03/94	SS	4553	94	SSG	2448	JE	164.1			RM, TB	X	X					X	5" ASPHALT CORE
255	10/31/94	SS	4554	94	SSG	2449	JE	164.1			BP,AKM,DH	X	X					X	8" ASPHALT CORE
256	11/07/94	SS	4555	94	SSG	2450	JE	164.1			AKM, BP	X	X					X	8" ASPHALT CORE
257	11/07/94	SS	4556	94	SSG	2451	JE	164.1			AKM, BP	X	X					X	8.5" ASPHALT CORE
258	11/07/94	SS	4557	94	SSG	2452	JE	164.1			AKM, BP	X	X					X	6.5" ASPHALT CORE
259	10/27/94	SS	4558	94	SSG	2453	JE	164.1	SSG2649JE	DUP	BP,AKM,TW,JC	X	X					X	EXPOSED SOIL
260	10/27/94	SS	4559	94	SSG	2454	JE	164.1	SSG2648JE	RNS	BP,AKM,TW,JC	X	X					X	EXPOSED SOIL
261	10/27/94	SS	4560	94	SSG	2455	JE	164.1			BP,AKM,TW,JC	X	X					X	4.5" ASPHALT CORE
ANALYTES REQUIRED FOR IHSS 164.2												ALL	ALL	N/A	34	N/A	34	ALL	

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

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DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
262	10/25/94	SS 4561 94	SSG 2456 JE	164.2			RM,BP,AKM	X	X		X		X	X	9" ASPHALT CORE
263	LOST	SS 4562 94	SSG 2457 JE	164.2											UNDER GUARD SHACK
264	10/19/94	SS 4563 94	SSG 2458 JE	164.2			RM, TB	X	X		X		X	X	ROCK GROUND COVER
265	10/19/94	SS 4564 94	SSG 2459 JE	164.2			RM, TB	X	X		X		X	X	ROCK GROUND COVER
266	10/18/94	SS 4565 94	SSG 2460 JE	164.2			RM,BP,AKM	X	X		X		X	X	EXPOSED SOIL
267	10/18/94	SS 4566 94	SSG 2461 JE	164.2			RM,BP,AKM	X	X		X		X	X	EXPOSED SOIL
268	10/18/94	SS 4567 94	SSG 2462 JE	164.2	SSG2633JE/2634	R / D	RM,BP,AKM	X	X		X		X	X	EXPOSED SOIL
269	10/18/94	SS 4568 94	SSG 2463 JE	164.2				X	X		X		X	X	EXPOSED SOIL
270	10/12/94	SS 4569 94	SSG 2464 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
271	10/25/94	SS 4570 94	SSG 2465 JE	164.2			RM, BP, AKM	X	X		X		X	X	6.5" ASPHALT CORE
272	10/10/94	SS 4571 94	SSG 2466 JE	164.2	SSG2622JE	RNS	RM, BP, AKM	X	X		X		X	X	5" ASPHALT CORE
273	10/10/94	SS 4572 94	SSG 2467 JE	164.2			RM, BP, AKM	X	X		X		X	X	7" CONCRETE CORE
274	10/11/94	SS 4573 94	SSG 2468 JE	164.2	SSG2624JE	RNS	RM,TB,AKM	X	X		X		X	X	7.5" CONCRETE CORE
275	10/18/94	SS 4574 94	SSG 2469 JE	164.2			RM, BP, AKM	X	X		X		X	X	EXPOSED SOIL
276	10/18/94	SS 4575 94	SSG 2470 JE	164.2			RM, BP, AKM	X	X		X		X	X	EXPOSED SOIL
277	10/18/94	SS 4576 94	SSG 2471 JE	164.2			RM, BP, AKM	X	X		X		X	X	EXPOSED SOIL
278	10/12/94	SS 4577 94	SSG 2472 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
279	10/24/94	SS 4578 94	SSG 2473 JE	164.2	SSG2643JE/2644	R / D	RM, TB	X	X		X		X	X	6.5" ASPHALT CORE
280	10/19/94	SS 4579 94	SSG 2474 JE	164.2	SSG2635JE	RNS	RM, TB	X	X		X		X	X	PLAST/ROCK GROUNDCOVER
281	10/12/94	SS 4580 94	SSG 2475 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
282	10/24/94	SS 4581 94	SSG 2476 JE	164.2			RM, TB	X	X		X		X	X	7" ASPHALT CORE
283	10/19/94	SS 4582 94	SSG 2477 JE	164.2			RM, TB	X	X		X		X	X	PLAST/ROCK GROUNDCOVER
284	10/12/94	SS 4583 94	SSG 2478 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
285	10/24/94	SS 4584 94	SSG 2479 JE	164.2			RM, TB	X	X		X		X	X	8" ASPHALT CORE

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286	10/19/94	SS 4585 94	SSG 2480 JE	164.2			RM, TB	X	X		X		X	X	PLAST/ROCK GROUNDCOVER
287	LOST	SS 4586 94	SSG 2481 JE	164.2											ON CONCRETE W/ REBAR
288	10/24/94	SS 4587 94	SSG 2482 JE	164.2			RM, TB	X	X		X		X	X	8.5" ASPHALT CORE
289	10/19/94	SS 4588 94	SSG 2483 JE	164.2			RM, TB	X	X		X		X	X	PLAST/ROCK GROUNDCOVER
290	10/12/94	SS 4589 94	SSG 2484 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
291	10/12/94	SS 4590 94	SSG 2485 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
292	10/12/94	SS 4591 94	SSG 2486 JE	164.2	SSG2627JE	RNS	ED, BP	X	X		X		X	X	EXPOSED SOIL
293	10/11/94	SS 4592 94	SSG 2487 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
294	10/11/94	SS 4593 94	SSG 2488 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
295	10/11/94	SS 4594 94	SSG 2489 JE	164.2			ED, BP	X	X		X		X	X	EXPOSED SOIL
296	10/25/94	SS 4595 94	SSG 2490 JE	164.2			RM, AKM, BP	X	X					X	8.5" ASPHALT CORE
297	10/19/94	SS 4596 94	SSG 2491 JE	164.2	SSG2640JE	DUP	RM, TB	X	X					X	PLASTIC GROUND COVER
298	10/11/94	SS 4597 94	SSG 2492 JE	164.2			ED, BP	X	X					X	EXPOSED SOIL
299	10/11/94	SS 4598 94	SSG 2493 JE	164.2			ED, BP	X	X					X	EXPOSED SOIL
300	10/11/94	SS 4599 94	SSG 2494 JE	164.2			ED, BP	X	X					X	EXPOSED SOIL
301	10/11/94	SS 4600 94	SSG 2495 JE	164.2			ED, BP	X	X					X	EXPOSED SOIL
302	10/11/94	SS 4601 94	SSG 2496 JE	164.2			ED, BP	X	X					X	EXPOSED SOIL
303	10/25/94	SS 4602 94	SSG 2497 JE	164.2	SSG2645JE	RNS	RM, AKM, BP	X	X					X	6.5" ASPHALT CORE
304	10/10/94	SS 4603 94	SSG 2498 JE	164.2			RM,ED,TB,AK	X	X					X	EXPOSED SOIL
305	10/10/94	SS 4604 94	SSG 2499 JE	164.2	SSG2623JE	DUP	RM,ED,TB,AK	X	X					X	EXPOSED SOIL
306	10/10/94	SS 4605 94	SSG 2500 JE	164.2			RM,ED,TB,AK	X	X					X	EXPOSED SOIL
307	10/10/94	SS 4606 94	SSG 2501 JE	164.2			RM, AKM	X	X					X	EXPOSED SOIL
308	10/10/94	SS 4607 94	SSG 2502 JE	164.2			RM, AKM	X	X					X	EXPOSED SOIL
309	10/10/94	SS 4608 94	SSG 2503 JE	164.2			RM, AKM	X	X					X	EXPOSED SOIL

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DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
10/10/94	SS 4609 94	SSG 2504 JE	164.2			RM, AKM	X	X					X	EXPOSED SOIL
10/10/94	SS 4610 94	SSG 2505 JE	164.2	SSG2619JE/2621	R / D	RM, AKM	X	X					X	EXPOSED SOIL
10/25/94	SS 4611 94	SSG 2506 JE	164.2	SSG2646JE	DUP	RM, AKM, BP	X	X					X	6" ASPHALT CORE
09/28/94	SS 4612 94	SSG 2507 JE	164.2	SSG2601JE	RNS	ED, AKM	X	X					X	EXPOSED SOIL
09/28/94	SS 4613 94	SSG 2508 JE	164.2			ED, AKM	X	X					X	EXPOSED SOIL
09/28/94	SS 4614 94	SSG 2509 JE	164.2			ED, AKM	X	X					X	EXPOSED SOIL
09/28/94	SS 4615 94	SSG 2510 JE	164.2			ED, AKM	X	X					X	EXPOSED SOIL
09/28/94	SS 4616 94	SSG 2511 JE	164.2			ED, AKM	X	X					X	EXPOSED SOIL
09/28/94	SS 4617 94	SSG 2512 JE	164.2			ED, AKM	X	X					X	EXPOSED SOIL
09/28/94	SS 4618 94	SSG 2513 JE	164.2			ED, AKM	X	X					X	EXPOSED SOIL
09/28/94	SS 4619 94	SSG 2514 JE	164.2			ED, AKM	X	X					X	EXPOSED SOIL
ANALYTES REQUIRED FOR IHSS 164.3							ALL	ALL	N/A	N/A	N/A	N/A	ALL	
09/28/94	SS 4620 94	SSG 2515 JE	164.3			TB, BP	X	X					X	EXPOSED SOIL
09/28/94	SS 4621 94	SSG 2516 JE	164.3			TB, BP	X	X					X	EXPOSED SOIL
09/30/94	SS 4622 94	SSG 2517 JE	164.3	SSG2607JE	RNS	ED, BP, AKM	X	X					X	EXPOSED SOIL
09/30/94	SS 4623 94	SSG 2518 JE	164.3			ED, BP, AKM	X	X					X	EXPOSED SOIL
09/30/94	SS 4624 94	SSG 2519 JE	164.3			ED, BP, AKM	X	X					X	EXPOSED SOIL
09/30/94	SS 4625 94	SSG 2520 JE	164.3			ED, BP, AKM	X	X					X	EXPOSED SOIL
09/30/94	SS 4626 94	SSG 2521 JE	164.3			ED, BP, AKM	X	X					X	EXPOSED SOIL
09/30/94	SS 4627 94	SSG 2522 JE	164.3			ED, BP, AKM	X	X					X	EXPOSED SOIL
09/27/94	SS 4628 94	SSG 2523 JE	164.3			RM, BP	X	X					X	EXPOSED SOIL
09/27/94	SS 4629 94	SSG 2524 JE	164.3			RM, BP	X	X					X	EXPOSED SOIL
09/28/94	SS 4630 94	SSG 2525 JE	164.3			TB, BP	X	X					X	EXPOSED SOIL

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

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332	09/29/94	SS 4631 94	SSG 2526 JE	164.3	SSG2605JE	RNS	RM, BP, AKM	X	X				X	EXPOSED SOIL
333	10/04/94	SS 4632 94	SSG 2527 JE	164.3			RM, AKM	X	X				X	EXPOSED SOIL
334	10/04/94	SS 4633 94	SSG 2528 JE	164.3			RM, AKM	X	X				X	EXPOSED SOIL
335	10/04/94	SS 4634 94	SSG 2529 JE	164.3	SSG2614JE	DUP	RM, AKM	X	X				X	EXPOSED SOIL
336	10/04/94	SS 4635 94	SSG 2530 JE	164.3	SSG2613JE	RNS	RM, AKM	X	X				X	EXPOSED SOIL
337	09/30/94	SS 4636 94	SSG 2531 JE	164.3			ED, BP, AKM	X	X				X	EXPOSED SOIL
338	09/30/94	SS 4637 94	SSG 2532 JE	164.3			ED, BP, AKM	X	X				X	EXPOSED SOIL
339	09/27/94	SS 4638 94	SSG 2533 JE	164.3			RM, BP	X	X				X	EXPOSED SOIL
340	09/27/94	SS 4639 94	SSG 2534 JE	164.3			RM, BP	X	X				X	EXPOSED SOIL
341	09/28/94	SS 4640 94	SSG 2535 JE	164.3			TB, BP	X	X				X	EXPOSED SOIL
342	10/04/94	SS 4641 94	SSG 2536 JE	164.3			RM, AKM	X	X				X	EXPOSED SOIL
343	10/19/94	SS 4642 94	SSG 2537 JE	164.3			ED,BP,AKM	X	X				X	EXPOSED SOIL
344	10/19/94	SS 4643 94	SSG 2538 JE	164.3	SSG2636JE	RNS	ED,BP,AKM	X	X				X	1.5" CONCRETE CORE
		SS 4643 94	BFG 0134 JE					X	X				X	0-3" BASEFILL
345	10/10/94	SS 4644 94	SSG 2539 JE	164.3			TB, BP	X	X				X	3" CONCRETE CORE
346	09/27/94	SS 4645 94	SSG 2540 JE	164.3	SSG2597JE	RNS	RM, BP	X	X				X	EXPOSED SOIL
347	09/27/94	SS 4646 94	SSG 2541 JE	164.3			RM, BP	X	X				X	EXPOSED SOIL
348	09/28/94	SS 4647 94	SSG 2542 JE	164.3	SSG2599JE	DUP	TB, BP	X	X				X	EXPOSED SOIL
349	09/29/94	SS 4648 94	SSG 2543 JE	164.3			RM, BP, AKM	X	X				X	EXPOSED SOIL
350	10/05/94	SS 4649 94	SSG 2544 JE	164.3			RM, BP, AKM	X	X				X	1.5 - 6" (4" CORE)
		SS 4649 94	BFG 0131 JE				RM, BP, AKM	X	X				X	BASEFILL SAMPLE 0 - 1.5"
351	10/05/94	SS 4650 94	SSG 2545 JE	164.3	SSG2617JE	RNS	RM, AKM, BP	X	X				X	4" ASPHALT CORE
352	10/06/94	SS 4651 94	SSG 2546 JE	164.3	SSG2618JE	RNS	TB, AKM, BP	X	X				X	2 - 6" (5" CORE)
		SS 4651 94	BFG 0132 JE					X	X				X	BASEFILL SAMPLE 0 - 2"

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	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	IHSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
353	10/06/94	SS 4652 94	SSG 2547 JE	164.3			TB, AKM, BP	X	X					X	6" ASPHALT CORE
354	10/06/94	SS 4653 94	SSG 2548 JE	164.3			TB, AKM, BP	X	X					X	8" ASPHALT CORE
355	10/06/94	SS 4654 94	SSG 2549 JE	164.3			TB, AKM, BP	X	X					X	4" ASPHALT CORE
356	10/06/94	SS 4655 94	SSG 2550 JE	164.3			TB, AKM, BP	X	X					X	5" ASPHALT CORE
357	10/06/94	SS 4656 94	SSG 2551 JE	164.3			TB, AKM, BP	X	X					X	5" ASPHALT CORE
358	09/28/94	SS 4657 94	SSG 2552 JE	164.3	SSG2600JE	RNS	TB, BP	X	X					X	EXPOSED SOIL
359	09/29/94	SS 4658 94	SSG 2553 JE	164.3			RM, BP, AKM	X	X					X	EXPOSED SOIL
360	10/04/94	SS 4659 94	SSG 2554 JE	164.3			RM, AKM	X	X					X	EXPOSED SOIL
361	10/04/94	SS 4660 94	SSG 2555 JE	164.3			RM, AKM	X	X					X	EXPOSED SOIL
362	10/10/94	SS 4661 94	SSG 2556 JE	164.3	SSG2620JE	RNS	TB, BP	X	X					X	3.5" ASPHALT CORE
363	10/10/94	SS 4662 94	SSG 2557 JE	164.3			TB, BP	X	X					X	7" ASPHALT CORE
364	LOST	SS 4663 94	SSG 2558 JE	164.3											INSIDE BUILDING
365	LOST	SS 4664 94	SSG 2559 JE	164.3											INSIDE BUILDING
366	10/04/94	SS 4665 94	SSG 2560 JE	164.3			RM, AKM	X	X					X	EXPOSED SOIL

QC BLOCK

														N/A	
	08/29/94	SS 4402 94	SSG 2561 JE	160	SSG2297JE	RNS	RM,ED,DL,MP	X		X			X		
	08/29/94	SS 4402 94	SSG 2562 JE	160	SSG2297JE	DUP	RM,ED,DL,MP	X		X			X		
	08/30/94	SS 4430 94	SSG 2563 JE	160	SSG2325JE	RNS	ED,RM,MP	X		X			X		
	08/31/94	SS 4400 94	SSG 2564 JE	160	SSG2295JE	RNS	ED,RM,MP	X		X			X		
	08/31/94	SS 4400 94	SSG 2565 JE	160	SSG2295JE	DUP	ED,RM,MP	X		X			X		
	09/01/94	SS 4410 94	SSG 2566 JE	160	SSG2305JE	RNS	RM ED, MP	X		X			X		
	09/02/94	SS 4408 94	SSG 2567 JE	160	SSG2303JE	RNS	RM, ED, AW	X		X			X		
	09/02/94	SS 4408 94	SSG 2568 JE	160	SSG2303JE	DUP	RM, ED, AW	X		X		X	X		

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	09/06/94	SS 4426 94	SSG 2569 JE	160	SSG2321JE	RNS	RM, AW	X		X			X		
	09/06/94	SS 4454 94	SSG 2570 JE	160	SSG2349JE	RNS	ED, MP, FL	X		X					
	09/07/94	SS 4405 94	SSG 2571 JE	160	SSG2300JE	RNS	RM, TW	X		X			X		
	09/07/94	SS 4479 94	SSG 2572 JE	160	SSG2374JE	RNS	ED, MP	X		X					
	09/08/94	SS 4431 94	SSG 2573 JE	160	SSG2326JE	DUP	ED, RM, MP	X		X					
	09/08/94	SS 4422 94	SSG 2574 JE	160	SSG2317JE	RNS	ED, RM, MP	X		X			X		
	09/08/94	SS 4440 94	SSG 2575 JE	160	SSG2335JE	DUP	ED, RM, MP	X		X					
	09/08/94	SS 4449 94	SSG 2576 JE	160	SSG2344JE	DUP	ED, RM, MP	X		X					
	09/09/94	SS 4475 94	SSG 2577 JE	160	SSG2370JE	RNS	ED, RM, MP	X		X					
	09/12/94	SS 4418 94	SSG 2578 JE	160	SSG2313JE	RNS	ED, RM, MP	X		X			X		
	09/13/94	SS 4445 94	SSG 2579 JE	160	SSG2340JE	RNS	ED, RM, MP	X		X					
	09/13/94	SS 4445 94	SSG 2580 JE	160	SSG2340JE	DUP	ED, RM, MP	X		X					
	09/14/94	SS 4493 94	SSG 2581 JE	160	SSG2388JE	RNS	ED, MP, AKM	X		X					
	09/15/94	SS 4470 94	SSG 2582 JE	160	SSG2365JE	RNS	ED, RM, AKM	X		X			X		
	09/16/94	SS 4433 94	SSG 2583 JE	160	SSG2328JE	RNS	ED,RM,AK,RB	X		X			X		
	09/16/94	SS 4433 94	SSG 2584 JE	160	SSG2328JE	DUP	ED,RM,AK,RB	X		X		X	X		
	09/16/94	SS 4442 94	SSG 2585 JE	160	SSG2337JE	DUP	ED,RM,AK,RB	X		X		X	X		
	09/19/94	SS 4487 94	SSG 2586 JE	160	SSG2382JE	RNS	ED, RM	X		X			X		
	09/20/94	SS 4521 94	SSG 2587 JE	161	SSG2416JE	RNS	ED, RM, PH	X		X					
	09/20/94	SS 4507 94	SSG 2588 JE	161	SSG2402JE	DUP	ED, RM, PH	X		X					
	09/20/94	SS 4508 94	SSG 2589 JE	161	SSG2403JE	DUP	ED, RM, PH	X		X					
	09/21/94	SS 4494 94	SSG 2590 JE	161	SSG2389JE	RNS	ED, RM, PH	X		X					
	09/21/94	SS 4504 94	SSG 2591 JE	161	SSG2399JE	DUP	ED, RM, PH	X		X					EXPOSED SOIL
	09/22/94	SS 4497 94	SSG 2592 JE	161	SSG2392JE	RNS	ED, DL, SB	X		X					

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Operable Unit 14
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	09/22/94	SS 4347 94	SSG 2593 JE	156.1	SSG2242JE	RNS	ED, RP	X	X						
	09/23/94	SS 4329 94	SSG 2594 JE	156.1	SSG2224JE	RNS	DL,RP,RB,FL	X	X						
	09/26/94	SS 4362 94	SSG 2595 JE	156.1	SSG2257JE	RNS	RM,ED,BP,FL	X	X						
	09/27/94	SS 4372 94	SSG 2596 JE	156.1	SSG2267JE	RNS	ED, TB, AKM	X	X						
	09/27/94	SS 4645 94	SSG 2597 JE	164.3	SSG2540JE	RNS	RM, BP	X	X						
	09/27/94	SS 4348 94	SSG 2598 JE	156.1	SSG2243JE	DUP	ED, TB, AKM	X	X						
	09/28/94	SS 4647 94	SSG 2599 JE	164.3	SSG2542JE	DUP	TB, BP	X	X						
	09/28/94	SS 4657 94	SSG 2600 JE	164.3	SSG2552JE	RNS	TB, BP	X	X						
	09/28/94	SS 4612 94	SSG 2601 JE	164.2	SSG2507JE	RNS	ED, AKM	X	X						
	09/29/94	SS 4381 94	SSG 2602 JE	156.1	SSG2276JE	RNS	ED,RM,BP,AK	X	X						
	09/29/94	SS 4544 94	SSG 2603 JE	162	SSG2439JE	RNS	ED, TB	X	X						
	09/29/94	SS 4382 94	SSG 2604 JE	156.1	SSG2277JE	DUP	RM, BP, AKM	X	X						
	09/29/94	SS 4631 94	SSG 2605 JE	164.3	SSG2526JE	RNS	RM, BP, AKM	X	X						
	09/29/94	SS 4541 94	SSG 2606 JE	162	SSG2436JE	DUP	ED, TB	X	X						
	09/30/94	SS 4622 94	SSG 2607 JE	164.3	SSG2517JE	RNS	ED, BP, AKM	X	X						
	10/03/94	SS 4380 94	SSG 2608 JE	156.1	SSG2275JE	RNS	TB, BP	X	X						
	10/03/94	SS 4369 94	SSG 2609 JE	156.1	SSG2264JE	RNS	RM, AKM	X	X						
	10/03/94	SS 4361 94	SSG 2610 JE	156.1	SSG2256JE	DUP	RM, AKM	X	X						
	10/03/94	SS 4369 94	SSG 2611 JE	156.1	SSG2264JE	DUP	RM, AKM	X	X						
	10/04/94	SS 4390 94	SSG 2612 JE	156.1	SSG2285JE	RNS	BP, TB	X	X						
	10/04/94	SS 4635 94	SSG 2613 JE	164.3	SSG2530JE	RNS	RM, AKM	X	X						
	10/04/94	SS 4634 94	SSG 2614 JE	164.3	SSG2529JE	DUP	RM, AKM	X	X						
	10/05/94	SS 4396 94	SSG 2615 JE	156.1	SSG2291JE	RNS	RM, AKM, BP	X	X						
	10/05/94	SS 4396 94	SSG 2616 JE	156.1	SSG2291JE	DUP	RM, AKM, BP	X	X						

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	10/05/94	SS 4650 94	SSG 2617 JE	164.3	SSG2545JE	RNS	RM, AKM, BP	X	X						
	10/06/94	SS 4651 94	SSG 2618 JE	164.3	SSG2546JE	RNS	TB, AKM, BP	X	X						
	10/10/94	SS 4610 94	SSG 2619 JE	164.2	SSG2505JE	RNS	RM, AKM	X	X						
	10/10/94	SS 4661 94	SSG 2620 JE	164.3	SSG2556JE	RNS	TB, BP	X	X						
	10/10/94	SS 4610 94	SSG 2621 JE	164.2	SSG2505JE	DUP	RM, AKM	X	X						
	10/10/94	SS 4571 94	SSG 2622 JE	164.2	SSG2466JE	RNS	RM,BP,AKM	X	X		X		X		
	10/10/94	SS 4604 94	SSG 2623 JE	164.2	SSG2499JE	DUP	ED, TB	X	X						
	10/11/94	SS 4573 94	SSG 2624 JE	164.2	SSG2468JE	RNS	RM,TB,AKM	X	X		X		X		
	10/11/94	SS 4527 94	SSG 2625 JE	162	SSG2422JE	RNS	RM,TB,AKM	X	X						
	10/11/94	SS 4526 94	SSG 2626 JE	162	SSG2421JE	DUP	RM,TB,AKM	X	X						
	10/12/94	SS 4591 94	SSG 2627 JE	164.2	SSG2486JE	RNS	ED, BP	X	X		X		X		
	10/12/94	SS 4525 94	SSG 2628 JE	162	SSG2420JE	RNS	RM,TB,AKM	X	X						
	10/12/94	SS 4523 94	SSG 2629 JE	162	SSG2418JE	DUP	RM,TB,AKM	X	X						
	10/13/94	SS 4391 94	SSG 2630 JE	156.1	SSG2286JE	RNS	ED,BP,AKM	X	X						
	10/17/94	SS 4319 94	SSG 2631 JE	131	SSG2214JE	RNS	ED,BP,AKM	X	X						
	10/18/94	SS 4387 94	SSG 2632 JE	156.1	SSG2282JE	RNS	ED, TB	X	X						
	10/18/94	SS 4567 94	SSG 2633 JE	164.2	SSG2462JE	RNS	RM,BP,AKM	X	X		X		X		
	10/18/94	SS 4567 94	SSG 2634 JE	164.2	SSG2462JE	DUP	RM,BP,AKM	X	X		X		X		
	10/19/94	SS 4579 94	SSG 2635 JE	164.2	SSG2474JE	RNS	RM, TB	X	X		X		X		
	10/19/94	SS 4643 94	SSG 2636 JE	164.3	SSG2538JE	RNS	ED,BP,AKM	X	X						
	10/19/94	SS 4571 94	SSG 2637 JE	164.2	SSG2638JE	RNS	ED,BP,AKM				X				
	10/19/94	SS 4571 94	SSG 2638 JE	164.2			ED,BP,AKM				X			X	RESAMPLE
	10/19/94	SS 4572 94	SSG 2639 JE	164.2			ED,BP,AKM				X			X	RESAMPLE
	10/19/94	SS 4596 94	SSG 2640 JE	164.2	SSG2491JE	DUP	RM, TB	X	X						

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	10/20/94	SS 4393 94	SSG 2641 JE	156.1	SSG2288JE	RNS	RM, BP, AKM	X	X						
	10/20/94	SS 4393 94	SSG 2642 JE	156.1	SSG2288JE	DUP	RM, BP, AKM	X	X						
	10/24/94	SS 4578 94	SSG 2643 JE	164.2	SSG2473JE	RNS	RM, TB	X	X		X		X		
	10/24/94	SS 4578 94	SSG 2644 JE	164.2	SSG2473JE	DUP	RM, TB	X	X		X		X		
	10/25/94	SS 4602 94	SSG 2645 JE	164.2	SSG2497JE	RNS	RM, BP, AKM	X	X		X		X		
	10/25/94	SS 4611 94	SSG 2646 JE	164.2	SSG2506JE	DUP	RM, BP, AKM	X	X						
	10/26/94	SS 4341 94	SSG 2647 JE	156.1	SSG2236JE	RNS	ED, AKM	X	X						
	10/27/94	SS 4559 94	SSG 2648 JE	164.1	SSG2454JE	RNS	BP,AKM,TW,JC	X	X						
	10/27/94	SS 4558 94	SSG 2649 JE	164.1	SSG2453JE	DUP	BP,AKM,TW,JC	X	X						
	10/28/94	SS 4301 94	SSG 2650 JE	131	SSG2196JE	RNS	RM,AKM,ED	X	X						
	10/31/94	SS 4546 94	SSG 2651 JE	164.1	SSG2441JE	RNS	BP,AKM,DH	X	X						
	10/31/94	SS 4551 94	SSG 2652 JE	164.1	SSG2446JE	DUP	BP,AKM,DH	X	X						
	11/02/94	SS 4323 94	SSG 2653 JE	131	SSG2218JE	RNS	AKM, BP, ED	X	X		X		X		
	11/03/94	SS 4355 94	SSG 2654 JE	156.1	SSG2250JE	RNS	AKM, BP	X	X						
	11/03/94	SS 4364 94	SSG 2655 JE	156.1	SSG2259JE	DUP	AKM, BP	X	X						
	11/03/94	SS 4552 94	SSG 2656 JE	164.1	SSG2447JE	RNS	RM, TB	X	X						
	11/07/94	SS 4549 94	SSG 2657 JE	164.1	SSG2444JE	RNS	AKM, BP	X	X						
	11/08/94	SS 4331 94	SSG 2658 JE	156.1	SSG2226JE	RNS	ED, RM	X	X						
	11/09/94	SS 4337 94	SSG 2659 JE	156.1	SSG2232JE	RNS	ED, RM	X	X						
	11/10/94	SS 4377 94	SSG 2660 JE	156.1	SSG2272JE	RNS	AKM, BP	X	X						
	11/10/94	SS 4376 94	SSG 2661 JE	156.1	SSG2271JE	DUP	AKM, BP	X	X						
	11/11/94	SS 4322 94	SSG 2662 JE	131	SSG2217JE	RNS	ED, AKM	X	X		X		X		
	11/14/94	SS 4326 94	SSG 2663 JE	131	SSG2221JE	RNS	ED, BP	X	X		X		X		
	11/14/94	SS 4320 94	SSG 2664 JE	131	SSG2215JE	DUP	TB, RM	X	X						

Operable Unit 14
Sample Tracking Schedule
Surface Soil (SS) Samples

15-Jun-95

NOTES:

RA = TOTAL GROSS ALPHA/BETA
RB = TOTAL Pu 239/240, Am 241
RBA = TOTAL Pu 239/240
RC = TOTAL U 233/234, 235, 238
RCA = TOTAL URANIUM
X = SAMPLE COLLECTED

RH = RAD SCREEN
M = TAL-METALS
V/B = VOLATILES / SEMI-VOLATILES
WL = pH
P = PESTICIDES / PCB
X = DATA ENTERED IN RFEDS

	DATE SAMPLED	RFP SITE ID	EG&G SAMPLE ID	#HSS	QA/QC PARTNER	RNS/ DUP	JEG CREW	ANALYTES RA	RB RC	RBA RCA	V B	WL	M	RH	COMMENTS
	11/15/94	SS 4305 94	SSG 2665 JE	131	SSG2200JE	RNS	TB,ED,RM	X	X		X		X		
	11/15/94	SS 4309 94	SSG 2666 JE	131	SSG2204JE	DUP	TB,ED,RM	X	X		X		X		
	11/22/94	SS 4532 94	SSG 2667 JE	162	SSG2427JE	RNS	RM, BP	X	X						
	11/22/94	SS 4532 94	SSG 2668 JE	162	SSG2427JE	DUP	RM, BP	X	X						
	11/29/94	SS 4375 94	SSG 2669 JE	156.1	SSG2270JE	RNS	RM, TB	X	X						
	12/01/94	SS 4530 94	SSG 2670 JE	162	SSG2425JE	RNS	AKM, BP	X	X		X		X		ALSO PCB/PEST
	12/01/94	SS 4536 94	SSG 2671 JE	162	SSG2431JE	DUP	AKM, BP	X	X						

TABLE A

HPGe DETECTOR RESULTS FOR ALL ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE OPERABLE UNITS

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
1	130	35.chn	1A66F	6.5	44	D03	7E+05	2E+06	12.4	0.4	0.1	1.37	0.5	0.02	1.19	0.6	0.02	1.9	11.2	0.6	0.04	9.0	0.01	0.11	2.9	0.01	0.0		0.0	0.0		0.0	8.0	0
1	130	32chn	1A66F	6.5	44	E03	7E+05	2E+06	14.5	0.4	0.2	1.09	0.6	0.02	1.36	0.6	0.02	1.4	15.3	0.6	0.07	8.0	0.02	0.10	3.4	0.01	0.0		0.0	0.7	29.5	0.6	8.4	0
1	130	36.chn	1A66F	6.5	44	F03	7E+05	2E+06	12.0	0.4	0.1	0.99	0.6	0.02	1.05	0.7	0.02	1.5	13.2	0.6	0.05	9.0	0.01	0.22	1.6	0.01	0.0		0.0	0.0		0.0	7.2	0
1	130	31.chn	1A66F	6.5	44	D04	7E+05	2E+06	9.2	0.5	0.1	1.01	0.6	0.02	0.96	0.7	0.02	1.6	11.6	0.6	0.06	8.0	0.01	0.18	1.8	0.01	0.2	23.4	0.1	0.0		0.0	6.3	0
1	130	30.chn	1A66F	6.5	44	E04	7E+05	2E+06	12.7	0.4	0.2	1.20	0.6	0.02	1.26	0.6	0.02	1.5	13.5	0.6	0.05	8.0	0.01	0.08	3.8	0.01	0.4	10.9	0.1	0.0		0.0	8.2	0
1	130	39.chn	1A66F	6.5	44	F04	7E+05	2E+06	11.7	0.4	0.1	0.85	0.7	0.02	1.16	0.6	0.02	1.6	12.7	0.6	0.08	8.0	0.02	0.33	1.2	0.01	0.1	31.8	0.1	0.0		0.0	7.0	0
1	130	42.chn	1A66F	6.5	44	D05	7E+05	2E+06	8.0	0.5	0.1	0.87	0.7	0.02	0.89	0.7	0.02	1.8	7.3	0.4	0.06	8.0	0.01	0.19	1.7	0.01	0.2	20.6	0.1	0.0		0.0	5.7	0
1	119.1	14.chn	1A66F	6.5	44	E05	7E+05	2E+06	10.9	0.5	0.2	0.69	0.9	0.02	1.03	0.7	0.02	1.7	11.4	0.6	0.06	10.0	0.02	0.16	2.1	0.01	0.3	12.9	0.1	0.0		0.0	8.2	0
1	119.1	8.chn	1A66F	6.5	44	F05	7E+05	2E+06	11.1	0.4	0.1	0.70	0.8	0.02	1.10	0.6	0.02	1.7	11.3	0.6	0.07	8.0	0.02	0.32	1.2	0.01	0.0		0.0	0.0		0.0	6.6	0
1	119.1	43.chn	1A66F	6.5	44	D06	7E+05	2E+06	10.3	0.5	0.2	0.93	0.7	0.02	1.00	0.7	0.02	1.5	12.4	0.6	0.08	7.0	0.02	0.30	1.3	0.01	0.0		0.0	0.0		0.0	6.6	0
1	119.1	10.chn	1A66F	6.5	44	E06	7E+05	2E+06	11.2	0.4	0.1	0.92	0.7	0.02	1.29	0.6	0.02	3.5	5.9	0.6	0.11	6.0	0.02	0.17	2.0	0.01	0.0		0.0	0.0		0.0	7.5	0
1	119.1	9.chn	1A66F	6.5	44	F06	7E+05	2E+06	13.4	0.4	0.2	0.84	0.7	0.02	1.31	0.6	0.02	2.0	10.4	0.6	0.10	7.0	0.02	0.18	2.0	0.01	0.2	17.2	0.1	0.0		0.0	7.8	0
1	119.1	47.chn	1A66F	6.5	44	D07	7E+05	2E+06	11.0	0.4	0.1	1.07	0.6	0.02	1.08	0.6	0.02	1.8	11.0	0.6	0.08	7.0	0.02	0.28	1.3	0.01	0.1	32.1	0.1	0.0		0.0	7.0	0
1	119.1	11.chn	1A66F	6.5	44	E07	7E+05	2E+06	12.6	0.4	0.2	0.84	0.7	0.02	1.45	0.5	0.02	2.1	9.7	0.6	0.11	6.0	0.02	0.22	1.7	0.01	0.1	33.0	0.1	0.0		0.0	9.9	0
1	119.1	17.chn	1A66F	6.5	44	D08	7E+05	2E+06	10.8	0.5	0.2	0.78	0.8	0.02	0.96	1.2	0.03	1.2	15.5	0.6	0.08	8.0	0.02	0.34	1.2	0.01	0.2	17.1	0.1	0.0		0.0	6.3	0
1	119.1	15.chn	1A66F	6.5	44	E08	7E+05	2E+06	13.4	0.4	0.2	0.94	0.7	0.02	1.51	0.5	0.02	2.0	10.3	0.6	0.10	7.0	0.02	0.26	1.5	0.01	0.0	19.2	0.0	0.0		0.0	8.3	0
1	119.2	44.chn	1A66F	6.5	44	D09	7E+05	2E+06	12.5	0.4	0.2	0.98	0.7	0.02	1.28	0.6	0.02	1.6	12.7	0.6	0.09	7.0	0.02	0.43	1.0	0.01	0.5	8.9	0.1	0.0		0.0	7.8	0
1	119.1	48.chn	1A66F	6.5	44	E09	7E+05	2E+06	12.8	0.4	0.2	1.10	0.6	0.02	1.28	0.6	0.02	1.8	11.3	0.6	0.06	8.0	0.01	0.30	1.3	0.01	0.3	16.9	0.1	0.0		0.0	8.0	0
1	119.2	21.chn	1A66F	6.5	44	D10	7E+05	2E+06	11.1	0.4	0.1	0.78	0.8	0.02	1.16	0.6	0.02	1.4	13.4	0.6	0.06	9.0	0.02	0.35	1.1	0.01	0.5	8.6	0.1	0.0		0.0	6.7	0
1	119.2	22.chn	1A66F	6.5	44	C11	7E+05	2E+06	17.3	0.4	0.2	0.75	0.8	0.02	0.92	0.7	0.02	1.5	13.8	0.6	0.05	11.0	0.02	0.10	3.3	0.01	0.0		0.0	0.0		0.0	10.1	0
1	119.2	24.chn	1A66F	6.5	44	D11	7E+05	2E+06	16.0	0.4	0.2	0.96	0.7	0.02	1.28	0.6	0.02	1.5	14.2	0.6	0.08	8.0	0.02	0.35	1.2	0.01	0.3	14.2	0.1	0.0		0.0	12.6	0
1	119.2	23.chn	1A66F	6.5	44	C12	7E+05	2E+06	14.6	0.4	0.2	0.79	0.8	0.02	1.09	0.7	0.02	1.3	15.5	0.6	0.07	9.0	0.02	0.22	1.7	0.01	0.7	6.7	0.1	0.0		0.0	10.7	0
1	119.1	201.chn	6A6	0.8493	11	10A	7E+05	2E+06	11.5	0.4	0.1	0.81	0.6	0.01	1.18	0.4	0.01	1.7	8.6	0.4	0.10	3.9	0.01	0.17	1.7	0.01	47.6	0.1	0.1	0.0			7.9	0
1	119.1	202.chn	6A6	0.7223	11	10B	7E+05	2E+06	12.0	0.4	0.1	0.84	0.6	0.02	1.26	0.4	0.02	9.7	1.7	0.5	0.83	0.8	0.02	0.13	2.1	0.01	0.1	48.0	0.1	0.0			7.9	0
1	119.1	203.chn	6A6	0.925	11	10C	7E+05	2E+06	13.2	0.3	0.1	0.86	0.6	0.02	1.36	0.4	0.02	3.0	3.7	0.3	0.44	1.4	0.02	0.12	2.3	0.01	0.2	11.8	0.1	0.0			8.2	0
1	119.2	206.chn	6A6	0.937	11	10D	7E+05	2E+06	13.2	0.3	0.1	0.76	0.6	0.01	1.00	0.5	0.01	1.3	11.5	0.4	0.04	6.3	0.01	0.40	0.8	0.01	2.2	1.3	0.1	0.0			6.9	0
2	153	120.chn	4A6	6.5	44	1	7E+05	2E+06	9.9	0.4	0.1	0.66	0.7	0.01	0.95	0.6	0.02	3.9	3.2	0.4	0.10	6.0	0.02	0.15	1.9	0.01	0.7	5.4	0.1	0.0		0.0	5.8	0
2	113	122.chn	4A6	6.5	44	3	7E+05	2E+06	9.0	0.5	0.1	0.58	0.8	0.01	0.81	0.7	0.02	5.0	2.5	0.4	0.14	5.0	0.02	0.17	1.6	0.01	1.4	2.6	0.1	0.0		0.0	5.3	0
2	113	121.chn	4A6	6.5	44	2	7E+05	2E+06	9.5	0.4	0.1	0.66	0.7	0.01	0.82	0.7	0.02	1.7	6.7	0.3	0.06	8.0	0.01	0.18	1.6	0.01	0.4	8.1	0.1	0.0		0.0	5.6	0
2		267.chn	45	7.5	53	K-2	7E+05	2E+06	13.9	3.4	1.4	1.13	4.9	0.17	1.74	3.7	0.19	0.0		4.1	0.00		0.00	0.41	9.0	0.11	8.5	4.4	1.1	0.0		0.0	8.9	0
2		292.chn	45	7.5	53	L-2	7E+05	2E+06	12.9	3.5	1.4	1.11	4.9	0.16	1.73	3.7	0.19	0.0		4.1	0.21	27.1	0.17	0.52	7.4	0.12	3.0	11.7	1.0	0.0		0.0	9.1	0
2		293.chn	45	7.5	53	M-2	7E+05	2E+06	14.4	3.3	1.4	1.07	5.0	0.16	1.44	4.1	0.18	0.0		4.1	0.26	23.3	0.18	0.33	10.2	0.10	1.7	18.6	1.0	0.0		0.0	8.4	0
2	108	123.chn	4A6	6.5	44	4	7E+05	2E+06	11.3	0.4	0.1	0.60	0.8	0.01	0.90	0.6	0.02	1.6	7.7	0.4	0.07	8.0	0.02	0.11	2.4	0.01	5.3	0.8	0.1	0.0		0.0	6.0	0
2		227.chn	45	7.5	53	I-1	7E+05	2E+06	13.4	3.4	1.4	1.13	4.9	0.17	1.67	3.8	0.19	0.0		0.0	0.21	27.8	0.18	0.56	7.2	0.12	30.2	1.6	1.4	0.0		0.0	9.1	0
2		257.chn	45	7.5	53	J-1	7E+05	2E+06	11.4	3.6	1.2	1.20	4.5	0.16	1.52	3.8	0.17	0.0		0.0	0.00		0.00	0.54	6.9	0.11	24.9	1.8	1.3	0.0		0.0	8.4	0
2		258.chn	45	7.5	53	K-1	7E+05	2E+06	11.7	3.7	1.3	1.16	4.8	0.17	1.63	3.7	0.18	0.0		0.0	0.00		0.00	0.62	6.5	0.12	15.0	2.7	1.2	0.0		0.0	8.8	0
2		298.chn	45	7.5	53	L-1	7E+05	2E+06	10.6	3.9	1.2	1.01	5.1	0.15	1.56	3.8	0.18	0.0		0.0	0.00		0.00	0.51	7.4	0.11	4.3	8.0	1.0	0.0		0.0	8.2	0
2		299.chn	45	7.5	53	M-1	7E+05	2E+06	10.8	3.8	1.2	1.31	4.2	0.17	1.70	3.6	0.18	0.0		0.0	0.00		0.00	0.47	8.2	0.11	2.0	16.6	1.0	0.0		0.0	9.3	0
2		124.chn	4A6	6.5	44	5	7E+05	2E+06	20.2	0.3	0.2	0.75	0.8	0.02	1.20	0.6	0.02	2.1	7.1	0.4	0.06	9.0	0.02	0.05	6.2	0.01	1.4	2.9	0.1	0.0		0.0	8.9	0
2		90.chn	45	7.5	53	A1	7E+05	2E+06	13.1	3.4	1.3	0.82	6.1	0.15	1.18	4.6	0.16	0.0		4.1	0.00		0.00	0.28	11.4	0.10	0.9	32.3	0.9	0.0		0.0	7.2	0
2		82.chn	45	7.5	53	B1	7E+05	2E+06	15.9	3.1	1.5	0.92	5.6	0.15	1.14	4.7	0.16	0.0		4.1	0.00		0.00	0.15	18.3	0.08	1.0	28.2	0.9	0.0		0.0	7.9	0
2		100.chn	45	7.5	53	C1	7E+05	2E+06	18.5	2.9	1.6	1.06	5.1	0.16	1.39	4.2	0.18	0.0		4.1	0.00		0.00	0.08	32.5	0.08	0.0		0.0	0.0		0.0	8.1	0
2		101.chn	45	7.5	53	C1	7E+05	2E+06	23.7	3.4	2.4	1.30	6.8	0.27	1.63	5.6	0.27	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	8.1	0
2		109.chn	45	7.5	53	D1	7E+05	2E+06	22.9	2.6	1.8	1.08	5.2	0.17	1.66	3.8	0.19	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	10.3	0
2		113.chn	45	7.5	53	E1	7E+05	2E+06	21.5	2.7	1.7	1.15	5.1	0.18	1.53	4.1	0.19	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	10.1	0
2		178.chn	45	7.5	53	F1	7E+05	2E+06	14.6	3.3	1.4	1.20	4.5	0.16	1.20	4.7	0.17	0.0		4.1	0.14	33.0	0.13	0.24	13.0	0.09	17.1	2.4	1.2	0.0		0.0	8.0	0
2		179.chn	45	7.5	19.4	F1	7E+05	2E+06	14.1	4.4	1.9	1.35	5.6	0.23	1.24	6.3	0.23	0.0		4.1	0.00		0.00	0.41	12.2	0.15	20.6	2.5	1.5	0.0		0.0	8.0	0
2		183.chn	45	7.5	53	G1	7E+05	2E+06	7.7	4.5	1.0	0.77	5.7	0.13	1.01	4.9	0.15	0.0		4.1	0.16	31.5	0.15	0.54	6.7	0.11	84.7	0.8	2.0	0.0		0.0	6.1	0
2		213.chn	45	7.5	19.4	G1	7E+05	2E+06	6.4	6.7	1.3	0.73	8.0	0.18	1.02	6.6	0.20	0.0		4.1	0.00		0.00	0.58	8.4	0.15	105.0	0.9	2.8	0.0		0.0	6.1	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		320.chn	45	7.5	53	G1	7E+05	2E+06	8.1	1.3	0.3	0.82	1.7	0.04	1.00	1.5	0.04	2.1	15.5	1.0	0.07	15.7	0.03	0.56	1.9	0.03	78.4	0.2	0.5	0.0		0.0	6.9	0
2		211.chn	45	7.5	53	H1	7E+05	2E+06	12.8	3.5	1.3	1.04	5.0	0.16	1.42	4.0	0.17	5.1	28.5	4.3	0.00		0.00	0.49	7.7	0.11	40.1	1.3	1.6	0.0		0.0	7.7	0
2		212.chn	45	7.5	19.4	H1	7E+05	2E+06	12.2	4.7	1.7	0.88	7.8	0.21	1.30	6.1	0.24	0.0		4.1	0.00		0.00	0.47	11.0	0.15	36.4	1.8	2.0	0.0		0.0	7.7	0
2		215.chn	45	7.5	53	I1	7E+05	2E+06	12.2	3.6	1.3	0.96	5.5	0.16	1.69	3.5	0.18	0.0		4.1	0.00		0.00	0.60	6.5	0.12	26.1	1.8	1.4	0.0		0.0	8.7	0
2		214.chn	45	7.5	19.4	I1	7E+05	2E+06	11.2	4.9	1.6	0.89	8.2	0.22	1.67	5.2	0.26	0.0		4.1	0.00		0.00	0.52	10.5	0.16	22.3	2.5	1.7	0.0		0.0	8.7	0
2		256.chn	45	7.5	53	J1	7E+05	2E+06	12.4	3.6	1.3	1.30	4.4	0.17	1.76	3.6	0.19	0.0		4.1	0.00		0.00	0.60	6.8	0.12	18.7	2.3	1.3	0.0		0.0	9.0	0
2		259.chn	45	7.5	53	K1	7E+05	2E+06	10.5	3.9	1.2	1.08	4.9	0.16	1.65	3.6	0.18	0.0		4.1	0.00		0.00	0.56	6.6	0.11	11.7	3.3	1.2	0.0		0.0	8.1	0
2		297.chn	45	7.5	53	L1	7E+05	2E+06	13.6	3.4	1.4	1.23	4.7	0.17	2.19	3.1	0.20	0.0		4.1	0.00		0.00	0.54	7.7	0.13	5.5	6.8	1.1	0.0		0.0	10.9	0
2		300.chn	45	7.5	53	M1	7E+05	2E+06	13.4	3.4	1.4	1.63	3.8	0.19	2.11	3.3	0.21	0.0		4.1	0.21	25.5	0.16	0.47	8.0	0.11	3.0	11.8	1.1	0.0		0.0	10.9	0
2		91.chn	45	7.5	53	A2	7E+05	2E+06	9.4	4.1	1.2	0.94	5.1	0.14	1.20	4.5	0.16	0.0		4.1	0.00		0.00	0.50	7.0	0.10	1.4	21.5	0.9	0.0		0.0	6.3	0
2		83.chn	45	7.5	53	B2	7E+05	2E+06	9.9	4.0	1.2	0.71	6.4	0.14	1.04	4.7	0.15	0.0		4.1	0.00		0.00	0.53	6.9	0.11	2.9	10.5	0.9	0.0		0.0	5.9	0
2		102.chn	45	7.5	53	C2	7E+05	2E+06	12.0	3.6	1.3	0.82	5.9	0.15	1.10	4.7	0.16	0.0		4.1	0.00		0.00	0.25	11.8	0.09	1.4	20.8	0.9	0.0		0.0	6.3	0
2		110.chn	45	7.5	53	D2	7E+05	2E+06	14.4	3.2	1.4	1.03	4.9	0.15	1.11	4.7	0.16	0.0		4.1	0.00		0.00	0.41	8.4	0.10	7.4	4.6	1.0	0.0		0.0	7.2	0
2		114.chn	45	7.5	53	E2	7E+05	2E+06	19.8	2.8	1.7	1.15	4.9	0.17	1.36	4.3	0.18	0.0		4.1	0.00		0.00	0.17	18.2	0.10	2.0	16.2	1.0	0.0		0.0	9.1	0
2		177.chn	45	7.5	53	F2	7E+05	2E+06	10.8	3.7	1.2	0.99	5.0	0.15	1.25	4.3	0.16	0.0		4.1	0.00		0.00	0.51	7.0	0.11	33.2	1.4	1.4	0.0		0.0	7.3	0
2		182.chn	45	7.5	53	G2	7E+05	2E+06	10.8	3.8	1.2	0.80	5.8	0.14	1.25	4.3	0.16	0.0		4.1	0.00		0.00	0.40	8.1	0.10	28.3	1.6	1.4	0.0		0.0	6.7	0
2		210.chn	45	7.5	53	H2	7E+05	2E+06	13.8	3.3	1.4	1.05	5.1	0.16	1.52	3.9	0.18	0.0		4.1	0.00		0.00	0.52	7.4	0.12	28.7	1.6	1.4	0.0		0.0	8.9	0
2		218.chn	45	7.5	53	I2	7E+05	2E+06	11.6	3.7	1.3	1.11	4.8	0.16	1.37	4.3	0.18	0.0		4.1	0.00		0.00	0.54	7.2	0.12	15.9	2.6	1.2	0.0		0.0	7.2	0
2		228.chn	45	7.5	53	I2	7E+05	2E+06	12.0	3.6	1.3	1.23	4.4	0.16	1.46	4.0	0.18	6.2	23.7	4.4	0.00		0.00	0.59	6.6	0.12	16.2	2.6	1.3	0.0		0.0	8.6	0
2		255.chn	45	7.5	53	J2	7E+05	2E+06	12.0	3.6	1.3	1.19	4.6	0.16	1.47	4.1	0.18	0.0		4.1	0.00		0.00	0.61	6.7	0.12	16.7	2.5	1.3	0.0		0.0	8.7	0
2		260.chn	45	7.5	53	K2	7E+05	2E+06	11.0	3.8	1.3	1.09	4.8	0.16	1.45	4.1	0.18	0.0		4.1	0.00		0.00	0.57	6.8	0.12	12.0	3.2	1.2	0.0		0.0	8.1	0
2		296.chn	45	7.5	53	L2	7E+05	2E+06	9.9	4.0	1.2	0.87	5.7	0.15	1.38	4.0	0.17	0.0		4.1	0.00		0.00	0.52	6.7	0.11	4.6	7.5	1.0	0.0		0.0	6.8	0
2		301.chn	45	7.5	53	M2	7E+05	2E+06	10.5	3.9	1.2	1.36	4.1	0.17	1.36	4.1	0.17	0.0		4.1	0.00		0.00	0.45	8.0	0.11	3.1	10.9	1.0	0.0		0.0	8.2	0
2		92.chn	45	7.5	53	A3	7E+05	2E+06	9.2	4.2	1.2	0.86	5.5	0.14	1.19	4.4	0.16	0.0		4.1	0.23	22.8	0.16	0.55	6.4	0.11	1.9	15.8	0.9	0.0		0.0	6.0	0
2		84.chn	45	7.5	53	B3	7E+05	2E+06	8.3	4.4	1.1	0.68	6.4	0.13	1.01	4.7	0.14	0.0		4.1	0.00		0.00	0.35	8.9	0.09	2.9	10.1	0.9	0.0		0.0	5.0	0
2		103.chn	45	7.5	53	C3	7E+05	2E+06	10.8	3.8	1.2	0.83	5.6	0.14	1.03	4.9	0.15	0.0		4.1	0.00		0.00	0.39	8.2	0.10	2.7	11.3	0.9	0.0		0.0	6.0	0
2		111.chn	45	7.5	53	D3	7E+05	2E+06	9.7	4.0	1.2	0.99	4.9	0.15	1.07	4.8	0.15	0.0		4.1	0.00		0.00	0.63	6.0	0.11	14.3	2.7	1.2	0.0		0.0	6.3	0
2		115.chn	45	7.5	53	E3	7E+05	2E+06	14.8	3.2	1.4	0.97	5.2	0.15	1.20	4.4	0.16	0.0		4.1	0.17	28.3	0.15	0.31	10.3	0.10	10.5	3.5	1.1	0.0		0.0	7.5	0
2		176.chn	45	7.5	53	F3	7E+05	2E+06	8.8	4.2	1.1	1.01	4.8	0.15	1.20	4.3	0.15	0.0		4.1	0.00		0.00	0.60	6.2	0.11	19.9	2.0	1.2	0.0		0.0	6.2	0
2		184.chn	45	7.5	53	G3	7E+05	2E+06	17.1	3.0	1.5	1.31	4.6	0.18	2.05	3.3	0.20	0.0		4.1	0.00		0.00	0.25	13.8	0.10	8.5	4.4	1.1	0.0		0.0	10.8	0
2		209.chn	45	7.5	53	H3	7E+05	2E+06	13.1	3.4	1.3	1.10	4.8	0.16	1.41	4.1	0.17	0.0		4.1	0.00		0.00	0.41	8.7	0.11	14.2	2.8	1.2	0.0		0.0	7.7	0
2		219.chn	45	7.5	53	I3	7E+05	2E+06	13.8	3.4	1.4	1.25	4.5	0.17	1.63	3.8	0.19	0.0		4.1	0.00		0.00	0.57	7.1	0.12	14.0	2.9	1.2	0.0		0.0	8.8	0
2		229.chn	45	7.5	53	I3	7E+05	2E+06	12.8	3.5	1.3	1.24	4.5	0.17	1.64	3.8	0.19	0.0		4.1	0.00		0.00	0.60	6.6	0.12	13.5	3.0	1.2	0.0		0.0	8.3	0
2		254.chn	45	7.5	53	J3	7E+05	2E+06	11.0	3.8	1.3	1.15	4.7	0.16	1.43	4.0	0.17	0.0		4.1	0.00		0.00	0.68	6.0	0.12	12.1	3.2	1.2	0.0		0.0	7.8	0
2		261.chn	45	7.5	53	K3	7E+05	2E+06	11.4	3.8	1.3	1.26	4.5	0.17	1.78	3.5	0.19	0.0		4.1	0.00		0.00	0.57	6.9	0.12	9.0	4.2	1.1	0.0		0.0	8.9	0
2		287.chn	45	7.5	53	L3	7E+05	2E+06	12.0	3.6	1.3	1.23	4.6	0.17	1.71	3.6	0.18	0.0		4.1	0.20	27.8	0.16	0.54	7.2	0.12	5.4	6.7	1.1	0.0		0.0	8.6	0
2		302.chn	45	7.5	53	M3	7E+05	2E+06	11.6	3.7	1.3	1.43	4.1	0.18	1.48	4.0	0.18	0.0		4.1	0.18	27.2	0.15	0.47	7.7	0.11	2.9	11.7	1.0	0.0		0.0	8.2	0
2		93.chn	45	7.5	53	A4	7E+05	2E+06	7.6	4.5	1.0	0.89	5.0	0.13	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.65	5.8	0.11	2.2	13.5	0.9	0.0		0.0	5.6	0
2		85.chn	45	7.5	53	B4	7E+05	2E+06	8.4	4.3	1.1	0.75	5.8	0.13	0.97	4.9	0.14	0.0		4.1	0.00		0.00	0.54	6.3	0.10	2.4	12.2	0.9	0.0		0.0	4.8	0
2		104.chn	45	7.5	53	C4	7E+05	2E+06	12.8	3.5	1.3	0.85	5.5	0.14	1.02	5.1	0.16	4.2	27.5	3.5	0.00		0.00	0.35	9.0	0.09	1.7	17.2	0.9	0.0		0.0	6.3	0
2		112.chn	45	7.5	53	D4	7E+05	2E+06	12.9	3.5	1.4	1.24	4.3	0.16	1.20	4.5	0.16	0.0		4.1	0.00		0.00	0.37	8.9	0.10	5.1	6.4	1.0	0.0		0.0	7.6	0
2		152.chn	45	7.5	53	E4	7E+05	2E+06	9.3	4.1	1.1	0.94	5.0	0.14	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.64	5.9	0.11	20.4	2.0	1.2	0.0		0.0	5.9	0
2		175.chn	45	7.5	53	F4	7E+05	2E+06	10.0	3.9	1.2	1.04	4.7	0.15	1.24	4.2	0.16	0.0		4.1	0.21	23.4	0.15	0.53	6.7	0.11	19.7	2.1	1.2	0.0		0.0	6.6	0
2		185.chn	45	7.5	53	G4	7E+05	2E+06	12.1	3.6	1.3	0.99	5.2	0.15	1.42	4.0	0.17	0.0		4.1	0.00		0.00	0.65	6.2	0.12	35.4	1.4	1.5	0.0		0.0	7.9	0
2		208.chn	45	7.5	53	H4	7E+05	2E+06	16.8	3.0	1.5	1.13	4.9	0.17	1.69	3.8	0.19	0.0		4.1	0.00		0.00	0.30	11.2	0.10	7.9	4.6	1.1	0.0		0.0	9.2	0
2		220.chn	45	7.5	53	I4	7E+05	2E+06	17.7	3.0	1.6	1.32	4.5	0.18	1.55	4.1	0.19	0.0		4.1	0.00		0.00	0.23	14.0	0.10	2.1	15.8	1.0	0.0		0.0	9.3	0
2		230.chn	45	7.5	53	I4	7E+05	2E+06	18.9	2.8	1.6	1.55	4.0	0.19	1.57	4.0	0.19	5.0	30.4	4.5	0.00		0.00	0.25	13.4	0.10	2.0	16.5	1.0	0.0		0.0	9.9	0
2		253.chn	45	7.5	53	J4	7E+05	2E+06	13.3	3.4	1.4	1.17	4.8	0.17	1.76	3.6	0.19	0.0		4.1	0.00		0.00	0.62	6.7	0.13	8.3	4.5	1.1	0.0		0.0	9.2	0
2		262.chn	45	7.5	53	K4	7E+05	2E+06	11.9	3.6	1.3	1.03	5.1	0.16	1.75	3.5	0.18	0.0		4.1	0.00		0.00	0.52	7.5	0.12	6.2	5.8	1.1	0.0		0.0	8.2	0

DU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		286.chn	45	7.5	53	L4	7E+05	2E+06	11.3	3.8	1.3	1.13	4.8	0.16	1.65	3.8	0.19	0.0		4.1	0.00		0.00	0.53	7.3	0.12	5.1	6.9	1.0	0.0		0.0	8.5	0
2		303.chn	45	7.5	53	M4	7E+05	2E+06	12.7	3.5	1.3	1.62	3.8	0.18	1.67	3.8	0.19	0.0		4.1	0.00		0.00	0.38	9.7	0.11	2.6	13.2	1.0	0.0		0.0	9.4	0
2		94.chn	45	7.5	53	A5	7E+05	2E+06	7.2	4.8	1.0	0.86	5.3	0.14	1.03	4.8	0.15	0.0		4.1	0.00		0.00	0.67	5.7	0.11	2.2	13.4	0.9	0.0		0.0	5.4	0
2		88.chn	45	7.5	53	B5	7E+05	2E+06	8.9	4.1	1.1	0.69	6.2	0.13	1.01	4.7	0.14	0.0		4.1	0.00		0.00	0.37	8.8	0.10	1.2	22.9	0.9	0.0		0.0	5.4	0
2		107.chn	45	7.5	53	C5	7E+05	2E+06	15.6	3.1	1.5	0.91	5.4	0.15	1.24	4.3	0.16	0.0		4.1	0.00		0.00	0.23	12.2	0.08	1.5	19.1	0.9	0.0		0.0	7.1	0
2		116.chn	45	7.5	53	D5	7E+05	2E+06	11.7	3.6	1.3	0.87	5.3	0.14	1.01	5.0	0.15	0.0		4.1	0.00		0.00	0.34	9.3	0.09	5.9	5.4	1.0	0.0		0.0	6.0	0
2		153.chn	45	7.5	53	E5	7E+05	2E+06	8.3	4.4	1.1	1.02	4.7	0.14	1.15	4.4	0.15	4.5	28.2	3.8	0.00		0.00	0.65	5.8	0.11	18.5	2.1	1.2	0.0		0.0	6.2	0
2		174.chn	45	7.5	53	F5	7E+05	2E+06	9.4	4.1	1.2	0.99	4.9	0.15	1.22	4.4	0.16	0.0		4.1	0.00		0.00	0.61	6.2	0.11	19.7	2.1	1.2	0.0		0.0	6.4	0
2		186.chn	45	7.5	53	G5	7E+05	2E+06	10.3	3.8	1.2	0.93	5.4	0.15	1.34	4.2	0.17	0.0		4.1	0.00		0.00	0.47	7.4	0.10	18.1	2.2	1.2	0.0		0.0	7.0	0
2		207.chn	45	7.5	53	H5	7E+05	2E+06	17.2	3.0	1.5	1.20	4.7	0.17	1.69	3.8	0.19	0.0		4.1	0.18	30.2	0.16	0.28	12.0	0.10	4.1	8.3	1.0	0.0		0.0	9.8	0
2		221.chn	45	7.5	53	I5	7E+05	2E+06	14.7	3.3	1.5	1.28	4.5	0.17	1.57	4.0	0.19	0.0		4.1	0.18	29.9	0.16	0.47	8.3	0.12	6.1	6.0	1.1	0.0		0.0	8.5	0
2		231.chn	45	7.5	53	I5	7E+05	2E+06	14.9	3.3	1.5	1.46	4.1	0.18	1.65	3.8	0.19	0.0		4.1	0.25	22.8	0.17	0.49	7.8	0.11	6.0	6.0	1.1	0.0		0.0	9.8	0
2		252.chn	45	7.5	53	J5	7E+05	2E+06	13.8	3.4	1.4	1.27	4.7	0.18	1.84	3.6	0.20	0.0		4.1	0.00		0.00	0.59	6.8	0.12	5.6	6.4	1.1	0.0		0.0	9.6	0
2		263.chn	45	7.5	53	K5	7E+05	2E+06	10.0	4.0	1.2	1.02	4.9	0.15	1.40	4.1	0.17	0.0		4.1	0.00		0.00	0.55	7.0	0.12	5.7	6.0	1.0	0.0		0.0	6.8	0
2		285.chn	45	7.5	53	L5	7E+05	2E+06	11.9	3.6	1.3	1.22	4.6	0.17	1.78	3.5	0.19	0.0		4.1	0.00		0.00	0.62	6.5	0.12	4.7	7.4	1.1	0.0		0.0	9.0	0
2		304.chn	45	7.5	53	M5	7E+05	2E+06	13.3	3.5	1.4	1.60	3.8	0.18	1.93	3.4	0.20	0.0		4.1	0.16	30.2	0.14	0.38	9.8	0.11	2.8	12.2	1.0	0.0		0.0	10.2	0
2		95.chn	45	7.5	53	A6	7E+05	2E+06	9.1	4.1	1.1	0.79	5.7	0.13	1.04	4.8	0.15	0.0		4.1	0.00		0.00	0.54	6.6	0.11	1.6	18.1	0.9	0.0		0.0	5.7	0
2		89.chn	45	7.5	53	B6	7E+05	2E+06	11.2	3.7	1.2	0.85	5.4	0.14	1.04	4.9	0.15	0.0		4.1	0.00		0.00	0.33	9.4	0.09	1.3	21.7	0.8	0.0		0.0	6.3	0
2		108.chn	45	7.5	53	C6	7E+05	2E+06	19.1	2.9	1.7	1.01	5.1	0.15	1.24	4.5	0.17	0.0		4.1	0.00		0.00	0.12	23.4	0.09	0.0		0.0	0.0		0.0	8.5	0
2		151.chn	45	7.5	53	D6	7E+05	2E+06	8.9	4.2	1.1	0.90	5.1	0.14	1.07	4.6	0.15	0.0		4.1	0.20	25.3	0.15	0.67	5.8	0.12	10.4	3.3	1.0	0.0		0.0	5.8	0
2		154.chn	45	7.5	53	E6	7E+05	2E+06	7.4	4.7	1.0	0.99	4.8	0.14	1.08	4.6	0.15	0.0		4.1	0.00		0.00	0.78	5.1	0.12	13.7	2.7	1.1	0.0		0.0	5.9	0
2		171.chn	45	7.5	53	F6	7E+05	2E+06	8.8	4.3	1.1	0.89	5.4	0.14	1.12	4.7	0.16	0.0		4.1	0.00		0.00	0.51	7.3	0.11	10.8	3.4	1.1	0.0		0.0	5.6	0
2		187.chn	45	7.5	53	G6	7E+05	2E+06	11.0	3.8	1.3	0.92	5.2	0.14	1.21	4.3	0.16	0.0		4.1	0.00		0.00	0.62	6.1	0.11	19.3	2.1	1.2	0.0		0.0	6.6	0
2		206.chn	45	7.5	53	H6	7E+05	2E+06	12.6	3.5	1.3	1.22	4.5	0.16	1.43	4.1	0.18	0.0		4.1	0.17	30.4	0.15	0.51	7.2	0.11	10.6	3.5	1.1	0.0		0.0	8.2	0
2		222.chn	45	7.5	53	I6	7E+05	2E+06	12.9	3.5	1.4	1.17	4.8	0.17	1.41	4.1	0.17	0.0		4.1	0.16	31.2	0.15	0.55	7.0	0.12	6.5	5.5	1.1	0.0		0.0	7.9	0
2		232.chn	45	7.5	53	I6	7E+05	2E+06	12.1	3.6	1.3	1.42	4.1	0.17	1.38	4.2	0.17	0.0		4.1	0.00		0.00	0.52	7.4	0.12	6.4	5.5	1.1	0.0		0.0	8.6	0
2		251.chn	45	7.5	53	J6	7E+05	2E+06	13.5	3.4	1.4	1.31	4.4	0.17	1.77	3.6	0.19	1.3	4.4	0.2	0.24	24.2	0.17	0.53	7.3	0.12	4.9	7.1	1.0	0.0		0.0	9.3	0
2		264.chn	45	7.5	53	K6	7E+05	2E+06	11.1	3.7	1.2	1.02	5.1	0.16	1.64	3.7	0.18	0.0		4.1	0.00		0.00	0.49	7.6	0.11	3.9	8.9	1.0	0.0		0.0	8.1	0
2		284.chn	45	7.5	53	L6	7E+05	2E+06	12.1	3.6	1.3	1.10	5.0	0.17	1.73	3.7	0.19	0.0		4.1	0.16	33.0	0.16	0.53	7.4	0.12	3.3	10.3	1.0	0.0		0.0	9.0	0
2		305.chn	45	7.5	53	M6	7E+05	2E+06	12.1	3.6	1.3	1.39	4.2	0.18	1.71	3.6	0.18	0.0		4.1	0.00		0.00	0.32	10.1	0.10	2.0	16.6	1.0	0.0		0.0	9.5	0
2		96.chn	45	7.5	53	A7	7E+05	2E+06	9.1	4.1	1.1	0.84	5.4	0.14	1.12	4.5	0.15	0.0		4.1	0.00		0.00	0.65	5.9	0.12	1.7	16.7	0.9	0.0		0.0	6.1	0
2		99.chn	45	7.5	53	B7	7E+05	2E+06	11.2	3.8	1.3	0.83	5.9	0.15	1.07	4.7	0.15	0.0		4.1	0.00		0.00	0.38	8.9	0.10	1.4	20.1	0.9	0.0		0.0	6.4	0
2		132.chn	45	7.5	53	C7	7E+05	2E+06	11.2	3.7	1.2	1.22	4.2	0.15	1.00	5.1	0.15	0.0		4.1	0.00		0.00	0.30	10.4	0.09	1.5	19.1	0.9	0.0		0.0	6.1	0
2		150.chn	45	7.5	53	D7	7E+05	2E+06	8.4	4.3	1.1	0.98	4.8	0.14	1.09	4.5	0.15	0.0		4.1	0.00		0.00	0.59	6.3	0.11	6.2	5.3	1.0	0.0		0.0	6.1	0
2		155.chn	45	7.5	53	E7	7E+05	2E+06	8.6	4.2	1.1	0.98	4.7	0.14	1.12	4.6	0.15	0.0		4.1	0.00		0.00	0.64	6.0	0.11	8.4	4.1	1.0	0.0		0.0	6.0	0
2		170.chn	45	7.5	53	F7	7E+05	2E+06	12.1	3.6	1.3	1.01	4.9	0.15	1.35	4.1	0.17	0.0		4.1	0.00		0.00	0.33	10.3	0.10	4.3	7.5	1.0	0.0		0.0	7.1	0
2		188.chn	45	7.5	53	G7	7E+05	2E+06	9.9	3.9	1.2	0.92	5.2	0.14	1.27	4.3	0.16	0.0		4.1	0.00		0.00	0.74	5.3	0.12	18.9	2.1	1.2	0.0		0.0	6.5	0
2		205.chn	45	7.5	53	H7	7E+05	2E+06	11.3	3.8	1.3	1.19	4.5	0.16	1.39	4.1	0.17	0.0		4.1	0.00		0.00	0.67	6.0	0.12	14.2	2.7	1.2	0.0		0.0	7.9	0
2		223.chn	45	7.5	53	I7	7E+05	2E+06	10.6	3.8	1.2	1.03	5.1	0.16	1.27	4.4	0.17	0.0		4.1	0.00		0.00	0.58	7.0	0.12	8.0	4.5	1.1	0.0		0.0	7.0	0
2		233.chn	45	7.5	53	I7	7E+05	2E+06	11.2	3.8	1.3	1.31	4.2	0.17	1.16	4.8	0.17	0.0		4.1	0.00		0.00	0.62	6.4	0.12	7.8	4.6	1.1	0.0		0.0	8.0	0
2		250.chn	45	7.5	53	J7	7E+05	2E+06	11.3	3.7	1.3	1.20	4.5	0.16	1.56	3.8	0.18	0.0		4.1	0.00		0.00	0.59	6.5	0.12	4.6	7.5	1.0	0.0		0.0	8.5	0
2		265.chn	45	7.5	53	K7	7E+05	2E+06	12.7	3.5	1.3	1.14	4.6	0.16	1.72	3.6	0.19	0.0		4.1	0.00		0.00	0.31	10.8	0.10	1.5	20.8	1.0	0.0		0.0	8.6	0
2		283.chn	45	7.5	53	L7	7E+05	2E+06	13.8	3.4	1.4	1.19	4.7	0.17	1.66	3.8	0.19	0.0		4.1	0.00		0.00	0.26	12.3	0.09	1.1	29.0	1.0	0.0		0.0	8.9	0
2		306.chn	45	7.5	53	M7	7E+05	2E+06	13.7	3.4	1.4	1.30	4.4	0.17	1.46	4.2	0.18	0.0		4.1	0.00		0.00	0.18	16.4	0.09	0.0		0.0	0.0		0.0	8.6	0
2		97.chn	45	7.5	53	A8	7E+05	2E+06	8.4	4.4	1.1	0.75	5.9	0.13	0.96	5.0	0.14	0.0		4.1	0.00		0.00	0.48	6.9	0.10	1.1	25.4	0.8	0.0		0.0	5.4	0
2		117.chn	45	7.5	53	B8	7E+05	2E+06	17.8	2.9	1.5	0.86	6.0	0.16	1.31	4.4	0.17	0.0		4.1	0.00		0.00	0.19	15.9	0.09	0.0		0.0	0.0		0.0	8.6	0
2		133.chn	45	7.5	53	C8	7E+05	2E+06	9.0	4.1	1.1	1.18	4.2	0.15	1.08	4.7	0.15	0.0		4.1	0.00		0.00	0.62	6.1	0.11	5.4	6.0	1.0	0.0		0.0	6.3	0
2		149.chn	45	7.5	53	D8	7E+05	2E+06	8.6	4.3	1.1	0.93	5.0	0.14	1.13	4.5	0.15	0.0		4.1	0.00		0.00	0.72	5.5	0.12	10.3	3.3	1.0	0.0		0.0	5.9	0
2		156.chn	45	7.5	53	E8	7E+05	2E+06	10.2	3.9	1.2	0.94	5.1	0.14	1.19	4.3	0.15	0.0		4.1	0.00		0.00	0.54	6.7	0.11	6.3	5.1	1.0	0.0		0.0	6.4	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		169.chn	45	7.5	53	F8	7E+05	2E+06	15.0	3.2	1.4	1.11	4.8	0.16	1.65	3.6	0.18	0.0		4.1	0.19	27.6	0.16	0.25	13.0	0.10	1.2	25.4	0.9	0.0		0.0	8.0	0
2		189.chn	45	7.5	53	G8	7E+05	2E+06	13.0	3.4	1.3	0.83	5.8	0.14	1.13	4.7	0.16	0.0		4.1	0.00		0.00	0.17	16.0	0.08	0.9	34.0	0.9	0.0		0.0	7.0	0
2		204.chn	45	7.5	53	H8	7E+05	2E+06	15.1	3.2	1.4	1.07	4.7	0.15	1.27	4.4	0.17	0.0		4.1	0.00		0.00	0.18	15.6	0.08	1.3	23.9	0.9	0.0		0.0	7.6	0
2		224.chn	45	7.5	53	I8	7E+05	2E+06	11.8	3.7	1.3	1.04	5.0	0.16	1.38	4.1	0.17	0.0		4.1	0.00		0.00	0.57	6.6	0.11	5.3	6.5	1.0	0.0		0.0	7.2	0
2		234.chn	45	7.5	53	I8	7E+05	2E+06	12.0	3.6	1.3	1.28	4.2	0.16	1.28	4.5	0.17	0.0		4.1	0.00		0.00	0.50	7.4	0.11	5.5	6.2	1.0	0.0		0.0	7.7	0
2		249.chn	45	7.5	53	J8	7E+05	2E+06	11.3	3.7	1.3	1.05	4.9	0.15	1.33	4.2	0.17	0.0		4.1	0.00		0.00	0.49	7.2	0.11	3.7	8.9	1.0	0.0		0.0	7.1	0
2		266.chn	45	7.5	53	K8	7E+05	2E+06	11.7	3.7	1.3	1.01	5.2	0.16	1.63	3.7	0.18	0.0		4.1	0.00		0.00	0.51	7.3	0.11	2.7	12.2	1.0	0.0		0.0	8.3	0
2		282.chn	45	7.5	53	L8	7E+05	2E+06	13.1	3.5	1.4	1.22	4.6	0.17	1.73	3.6	0.19	0.0		4.1	0.00		0.00	0.49	7.7	0.11	2.5	13.4	1.0	0.0		0.0	9.5	0
2		307.chn	45	7.5	53	M8	7E+05	2E+06	12.0	3.6	1.3	1.19	4.6	0.16	1.36	4.2	0.17	0.0		4.1	0.21	25.0	0.16	0.24	13.1	0.10	0.0		0.0	0.0		0.0	7.4	0
2		98.chn	45	7.5	53	A9	7E+05	2E+06	12.1	3.6	1.3	0.85	5.6	0.14	1.14	4.6	0.16	0.0		4.1	0.00		0.00	0.23	13.2	0.09	0.0		0.0	0.0		0.0	6.2	0
2		131.chn	45	7.5	53	B9	7E+05	2E+06	9.9	3.9	1.2	1.11	4.5	0.15	1.07	4.8	0.15	0.0		4.1	0.00		0.00	0.60	6.3	0.11	2.4	12.7	0.9	0.0		0.0	6.7	0
2		134.chn	45	7.5	53	C9	7E+05	2E+06	8.4	4.3	1.1	1.07	4.5	0.14	1.05	4.7	0.15	0.0		4.1	0.00		0.00	0.66	5.8	0.12	5.0	6.3	0.9	0.0		0.0	6.2	0
2		148.chn	45	7.5	53	D9	7E+05	2E+06	7.6	4.6	1.0	0.87	5.3	0.14	1.13	4.5	0.15	0.0		4.1	0.00		0.00	0.78	5.3	0.12	8.0	4.1	1.0	0.0		0.0	5.8	0
2		157.chn	45	7.5	53	E9	7E+05	2E+06	8.5	4.3	1.1	0.97	5.0	0.15	1.24	4.3	0.16	0.0		4.1	0.00		0.00	0.66	5.8	0.12	6.9	4.8	1.0	0.0		0.0	6.5	0
2		168.chn	45	7.5	53	F9	7E+05	2E+06	17.3	3.0	1.6	1.18	4.7	0.17	1.67	3.8	0.19	0.0		4.1	0.00		0.00	0.23	13.9	0.10	0.0		0.0	0.0		0.0	9.7	0
2		190.chn	45	7.5	53	G9	7E+05	2E+06	14.1	3.3	1.4	0.82	5.7	0.14	1.16	4.7	0.16	0.0		4.1	0.00		0.00	0.00		0.10	0.0		0.0	0.0		0.0	6.9	0
2		203.chn	45	7.5	53	H9	7E+05	2E+06	17.5	2.9	1.5	1.18	4.7	0.17	1.48	4.1	0.18	0.0		4.1	0.00		0.00	0.08	32.0	0.08	0.0		0.0	0.0		0.0	8.2	0
2		235.chn	45	7.5	53	I9	7E+05	2E+06	11.5	3.7	1.3	1.18	4.5	0.16	1.29	4.3	0.17	0.0		4.1	0.00		0.00	0.37	9.2	0.10	3.2	10.2	1.0	0.0		0.0	7.4	0
2		248.chn	45	7.5	53	J9	7E+05	2E+06	10.8	3.8	1.2	0.90	5.6	0.15	1.31	4.1	0.16	0.0		4.1	0.18	29.4	0.16	0.54	7.0	0.11	3.9	8.3	1.0	0.0		0.0	7.0	0
2		270.chn	45	7.5	53	K9	7E+05	2E+06	9.9	4.0	1.2	0.87	5.6	0.15	1.40	4.0	0.17	0.0		4.1	0.00		0.00	0.50	7.2	0.11	2.9	11.0	1.0	0.0		0.0	6.7	0
2		281.chn	45	7.5	53	L9	7E+05	2E+06	12.4	3.6	1.3	1.13	4.8	0.16	1.61	3.7	0.18	6.2	23.6	4.4	0.19	28.4	0.16	0.58	6.7	0.12	2.4	13.7	1.0	0.0		0.0	8.5	0
2		308.chn	45	7.5	53	M9	7E+05	2E+06	11.1	3.8	1.3	1.20	4.4	0.16	1.31	4.3	0.17	0.0		4.1	0.20	25.7	0.15	0.23	13.8	0.09	0.8	42.0	1.0	0.0		0.0	7.7	0
2		118.chn	45	7.5	53	A10	7E+05	2E+06	17.8	2.9	1.5	0.91	5.8	0.16	1.33	4.3	0.17	0.0		4.1	0.00		0.00	0.29	11.1	0.10	1.0	29.7	0.9	0.0		0.0	8.3	0
2		130.chn	45	7.5	53	B10	7E+05	2E+06	7.9	4.5	1.1	1.10	4.5	0.15	1.07	4.6	0.15	0.0		4.1	0.00		0.00	0.82	4.9	0.12	3.7	8.2	0.9	0.0		0.0	6.0	0
2		135.chn	45	7.5	53	C10	7E+05	2E+06	8.3	4.4	1.1	0.84	5.3	0.13	1.11	4.5	0.15	0.0		4.1	0.23	21.7	0.15	0.55	6.8	0.11	3.2	9.2	0.9	0.0		0.0	5.4	0
2		147.chn	45	7.5	53	D10	7E+05	2E+06	7.4	4.6	1.0	0.82	5.5	0.14	1.18	4.3	0.15	0.0		4.1	0.00		0.00	0.76	5.1	0.12	6.1	5.2	1.0	0.0		0.0	6.1	0
2		158.chn	45	7.5	53	E10	7E+05	2E+06	7.9	4.5	1.1	0.91	5.1	0.14	1.02	4.8	0.15	0.0		4.1	0.00		0.00	0.83	5.0	0.12	8.5	4.0	1.0	0.0		0.0	6.1	0
2		165.chn	45	7.5	53	F10	7E+05	2E+06	16.0	3.1	1.5	1.14	4.8	0.16	1.67	3.6	0.18	4.9	29.0	4.3	0.33	18.1	0.18	0.25	13.9	0.10	2.0	15.2	0.9	0.0		0.0	9.2	0
2		191.chn	45	7.5	53	G10	7E+05	2E+06	12.4	3.5	1.3	0.71	6.5	0.14	1.12	4.7	0.16	0.0		4.1	0.00		0.00	0.14	18.0	0.08	0.0		0.0	0.0		0.0	6.0	0
2		202.chn	45	7.5	53	H10	7E+05	2E+06	12.1	3.6	1.3	0.96	5.3	0.15	1.27	4.3	0.16	5.5	25.3	4.2	0.00		0.00	0.25	11.9	0.09	1.3	23.4	0.9	0.0		0.0	7.4	0
2		236.chn	45	7.5	53	I10	7E+05	2E+06	11.4	3.7	1.3	1.17	4.5	0.16	1.26	4.5	0.17	0.0		4.1	0.00		0.00	0.54	7.0	0.11	4.4	7.6	1.0	0.0		0.0	7.4	0
2		247.chn	45	7.5	53	J10	7E+05	2E+06	10.1	3.9	1.2	0.82	5.7	0.14	1.25	4.3	0.16	0.0		4.1	0.00		0.00	0.58	6.3	0.11	3.2	9.9	0.9	0.0		0.0	6.3	0
2		271.chn	45	7.5	53	K10	7E+05	2E+06	8.4	4.3	1.1	0.89	5.2	0.14	1.23	4.2	0.15	0.0		4.1	0.00		0.00	0.51	6.8	0.10	2.9	10.8	0.9	0.0		0.0	5.8	0
2		280.chn	45	7.5	53	L10	7E+05	2E+06	9.4	4.1	1.2	0.98	5.0	0.15	1.32	4.1	0.16	0.0		4.1	0.00		0.00	0.52	6.9	0.11	2.3	13.4	0.9	0.0		0.0	6.8	0
2		309.chn	45	7.5	53	M10	7E+05	2E+06	15.6	3.2	1.5	1.41	4.0	0.17	1.39	4.2	0.18	0.0		4.1	0.18	27.7	0.15	0.16	18.4	0.09	0.0		0.0	0.0		0.0	8.8	0
2		119.chn	45	7.5	53	A11	7E+05	2E+06	11.4	3.7	1.3	0.95	5.1	0.14	1.12	4.7	0.16	0.0		4.1	0.00		0.00	0.45	7.7	0.10	1.0	29.5	0.9	0.0		0.0	6.5	0
2		129.chn	45	7.5	53	B11	7E+05	2E+06	8.2	4.4	1.1	1.09	4.5	0.15	1.15	4.4	0.15	8.4	30.0	7.6	0.00		0.00	0.67	5.7	0.11	2.5	12.0	0.9	0.0		0.0	6.2	0
2		136.chn	45	7.5	53	C11	7E+05	2E+06	8.1	4.4	1.1	0.93	5.0	0.14	1.15	4.4	0.15	3.9	33.0	3.9	0.00		0.00	0.64	6.1	0.12	2.4	12.3	0.9	0.0		0.0	5.9	0
2		143.chn	45	7.5	53	D11	7E+05	2E+06	8.1	4.4	1.1	1.13	4.5	0.15	1.17	4.4	0.15	0.0		4.1	0.17	27.2	0.13	0.76	5.3	0.12	4.3	7.4	0.9	0.0		0.0	6.4	0
2		159.chn	45	7.5	53	E11	7E+05	2E+06	8.1	4.4	1.1	0.86	5.4	0.14	1.19	4.3	0.15	0.0		4.1	0.00		0.00	0.81	5.2	0.13	6.9	4.7	1.0	0.0		0.0	6.1	0
2		164.chn	45	7.5	53	F11	7E+05	2E+06	14.1	3.3	1.4	1.03	5.0	0.15	1.58	3.7	0.18	5.0	27.4	4.1	0.19	27.3	0.16	0.34	10.3	0.10	1.0	30.6	0.9	0.0		0.0	7.7	0
2		192.chn	45	7.5	53	G11	7E+05	2E+06	13.2	3.4	1.3	0.84	5.6	0.14	1.30	4.1	0.16	0.0		4.1	0.00		0.00	0.16	16.5	0.08	0.0		0.0	0.0		0.0	6.6	0
2		201.chn	45	7.5	53	H11	7E+05	2E+06	13.6	3.4	1.4	1.09	4.8	0.16	1.44	4.0	0.17	0.0		4.1	0.00		0.00	0.48	7.6	0.11	5.9	5.8	1.0	0.0		0.0	8.1	0
2		237.chn	45	7.5	53	I11	7E+05	2E+06	12.9	3.5	1.4	1.27	4.5	0.17	1.60	3.8	0.18	0.0		4.1	0.00		0.00	0.67	6.3	0.13	4.9	7.0	1.0	0.0		0.0	8.9	0
2		244.chn	45	7.5	53	J11	7E+05	2E+06	11.3	3.7	1.3	1.06	4.9	0.16	1.44	4.0	0.17	0.0		4.1	0.00		0.00	0.65	6.2	0.12	3.5	9.5	1.0	0.0		0.0	7.7	0
2		272.chn	45	7.5	53	K11	7E+05	2E+06	10.4	3.9	1.2	0.97	5.1	0.15	1.44	3.9	0.17	0.0		4.1	0.15	32.5	0.15	0.67	5.8	0.12	3.2	10.0	1.0	0.0		0.0	7.1	0
2		279.chn	45	7.5	53	L11	7E+05	2E+06	9.3	4.1	1.1	1.02	4.8	0.15	1.34	4.1	0.16	0.0		4.1	0.00		0.00	0.44	7.8	0.10	1.7	18.3	0.9	0.0		0.0	6.8	0
2		313.chn	45	7.5	53	M11	7E+05	2E+06	12.9	3.5	1.4	1.04	5.1	0.16	1.38	4.1	0.17	4.7	30.2	4.2	0.00		0.00	0.17	17.0	0.09	0.0		0.0	0.0		0.0	7.8	0
2		120.chn	45	7.5	53	A12	7E+05	2E+06	9.3	4.1	1.1	0.97	5.0	0.15	1.18	4.4	0.16	0.0		4.1	0.00		0.00	0.62	6.1	0.11	1.8	15.7	0.9	0.0		0.0	5.7	0

PRELIMINARY DRAFT

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
2		128.chn	45	7.5	53	B12	7E+05	2E+06	7.4	4.6	1.0	1.03	4.7	0.15	1.17	4.3	0.15	0.0		4.1	0.00		0.00	0.60	6.2	0.11	1.3	21.8	0.9	0.0		0.0	5.7	0
2		137.chn	45	7.5	53	C12	7E+05	2E+06	8.7	4.3	1.1	1.03	4.7	0.15	1.27	4.1	0.16	0.0		4.1	0.00		0.00	0.68	5.7	0.12	2.6	11.4	0.9	0.0		0.0	6.2	0
2		142.chn	45	7.5	53	D12	7E+05	2E+06	7.8	4.5	1.0	1.11	4.5	0.15	1.23	4.2	0.15	0.0		4.1	0.00		0.00	0.69	5.6	0.12	2.9	10.5	0.9	0.0		0.0	6.3	0
2		160.chn	45	7.5	53	E12	7E+05	2E+06	7.8	4.4	1.0	0.81	5.7	0.14	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.66	5.7	0.11	4.6	6.7	0.9	0.0		0.0	5.9	0
2		163.chn	45	7.5	53	F12	7E+05	2E+06	11.5	3.7	1.3	1.02	4.8	0.15	1.33	4.1	0.16	4.4	30.8	4.0	0.15	31.5	0.14	0.33	10.2	0.10	0.9	31.7	0.9	0.0		0.0	6.5	0
2		193.chn	45	7.5	53	G12	7E+05	2E+06	11.3	3.7	1.3	0.79	6.1	0.14	1.26	4.3	0.16	0.0		4.1	0.00		0.00	0.30	10.1	0.09	3.0	10.7	1.0	0.0		0.0	6.4	0
2		200.chn	45	7.5	53	H12	7E+05	2E+06	12.3	3.6	1.3	1.04	5.1	0.16	1.70	3.6	0.18	0.0		4.1	0.00		0.00	0.58	7.0	0.12	5.9	6.0	1.1	0.0		0.0	8.5	0
2		238.chn	45	7.5	53	I12	7E+05	2E+06	11.4	3.7	1.3	1.06	4.9	0.16	1.44	4.0	0.17	4.9	29.2	4.3	0.19	27.9	0.16	0.54	6.8	0.11	3.5	9.5	1.0	0.0		0.0	7.4	0
2		243.chn	45	7.5	53	J12	7E+05	2E+06	10.8	3.9	1.3	1.08	4.9	0.16	1.36	4.1	0.17	0.0		4.1	0.00		0.00	0.62	6.3	0.12	2.4	13.7	1.0	0.0		0.0	7.2	0
2		273.chn	45	7.5	53	K12	7E+05	2E+06	10.9	3.8	1.2	0.96	5.3	0.15	1.58	3.8	0.18			4.1	0.16	33.2	0.16	0.69	5.9	0.12	2.5	12.9	1.0	0.0		0.0	8.0	0
2		278.chn	45	7.5	53	L12	7E+05	2E+06	10.9	3.8	1.2	1.12	4.6	0.15	1.48	3.9	0.17	0.0		4.1	0.00		0.00	0.30	11.2	0.10	0.6	55.0	0.9	0.0		0.0	7.2	0
2		310.chn	45	7.5	53	M12	7E+05	2E+06	11.0	3.7	1.2	1.17	4.5	0.16	1.38	4.1	0.17	0.0		4.1	0.00		0.00	0.13	21.1	0.08	0.0		0.0	0.0		0.0	7.5	0
2		121.chn	45	7.5	53	A13	7E+05	2E+06	8.7	4.2	1.1	0.86	5.3	0.14	1.15	4.5	0.16	0.0		4.1	0.00		0.00	0.63	5.9	0.11	2.2	13.4	0.9	0.0		0.0	5.4	0
2		127.chn	45	7.5	53	B13	7E+05	2E+06	9.1	4.1	1.1	1.08	4.4	0.14	1.21	4.3	0.16	0.0		4.1	0.00		0.00	0.60	6.2	0.11	1.6	18.4	0.9	0.0		0.0	6.3	0
2		138.chn	45	7.5	53	C13	7E+05	2E+06	9.8	4.0	1.2	1.05	4.6	0.14	1.07	4.7	0.15	0.0		4.1	0.00		0.00	0.29	10.2	0.09	0.9	31.1	0.8	0.0		0.0	5.9	0
2		141.chn	45	7.5	53	D13	7E+05	2E+06	9.0	4.2	1.1	0.98	4.9	0.14	0.96	5.0	0.14	0.0		4.1	0.00		0.00	0.26	11.8	0.09	1.2	23.9	0.9	0.0		0.0	5.6	0
2		161.chn	45	7.5	53	E13	7E+05	2E+06	9.5	4.1	1.2	0.84	5.5	0.14	1.19	4.3	0.15	0.0		4.1	0.00		0.00	0.24	12.0	0.09	1.2	23.5	0.9	0.0		0.0	5.7	0
2		172.chn	45	7.5	53	F13	7E+05	2E+06	13.7	3.4	1.4	1.08	4.9	0.16	1.30	4.4	0.17	0.0		4.1	0.22	23.3	0.15	0.17	16.1	0.08	1.1	27.5	0.9	0.0		0.0	7.6	0
2		194.chn	45	7.5	53	G13	7E+05	2E+06	11.6	3.6	1.3	0.94	5.3	0.15	1.24	4.4	0.16	0.0		4.1	0.00		0.00	0.49	7.2	0.11	3.8	8.5	1.0	0.0		0.0	6.8	0
2		197.chn	45	7.5	53	H13	7E+05	2E+06	12.9	3.4	1.3	1.05	5.0	0.16	1.50	4.0	0.18	0.0		4.1	0.19	28.0	0.16	0.53	7.0	0.11	3.6	9.3	1.0	0.0		0.0	7.8	0
2		239.chn	45	7.5	53	I13	7E+05	2E+06	11.3	3.7	1.3	1.06	5.0	0.16	1.42	4.1	0.17	0.0		4.1	0.00		0.00	0.52	7.2	0.11	2.3	14.5	1.0	0.0		0.0	7.5	0
2		242.chn	45	7.5	53	J13	7E+05	2E+06	11.3	3.7	1.3	0.95	5.5	0.16	1.48	3.9	0.17	0.0		4.1	0.00		0.00	0.56	6.8	0.11	1.9	16.9	1.0	0.0		0.0	7.3	0
2		274.chn	45	7.5	53	K13	7E+05	2E+06	13.5	3.4	1.4	1.04	5.1	0.16	1.85	3.4	0.19	0.0		4.1	0.00		0.00	0.53	7.3	0.12	2.1	15.6	1.0	0.0		0.0	8.8	0
2		277.chn	45	7.5	53	L13	7E+05	2E+06	12.1	3.6	1.3	1.02	5.1	0.16	1.45	4.0	0.17	5.1	27.7	4.3	0.00		0.00	0.32	10.5	0.10	1.2	25.8	0.9	0.0		0.0	7.8	0
2		311.chn	45	7.5	53	M13	7E+05	2E+06	12.4	3.5	1.3	1.22	4.4	0.16	1.41	4.1	0.17	5.2	27.9	4.3	0.00		0.00	0.13	21.7	0.08	0.0		0.0	0.0		0.0	7.3	0
2		122.chn	45	7.5	53	A14	7E+05	2E+06	11.6	3.6	1.3	0.85	5.5	0.14	1.13	4.5	0.15	0.0		4.1	0.00		0.00	0.43	8.0	0.10	0.9	32.0	0.8	0.0		0.0	6.8	0
2		126.chn	45	7.5	53	B14	7E+05	2E+06	10.6	3.8	1.2	0.99	4.9	0.15	1.28	4.2	0.16	0.0		4.1	0.00		0.00	0.43	7.9	0.10	0.8	35.0	0.8	0.0		0.0	6.6	0
2		139.chn	45	7.5	53	C14	7E+05	2E+06	9.6	4.1	1.2	0.98	5.0	0.15	1.16	4.4	0.15	0.0		4.1	0.00		0.00	0.33	9.2	0.09	1.2	23.5	0.8	0.0		0.0	5.9	0
2		140.chn	45	7.5	53	D14	7E+05	2E+06	9.1	4.1	1.1	0.93	5.0	0.14	1.06	4.7	0.15	0.0		4.1	0.00		0.00	0.27	11.3	0.09	0.8	34.0	0.8	0.0		0.0	6.0	0
2		162.chn	45	7.5	53	E14	7E+05	2E+06	12.4	3.6	1.3	0.95	5.2	0.15	1.28	4.1	0.16	0.0		4.1	0.00		0.00	0.19	15.7	0.09	0.0		0.0	0.0		0.0	7.1	0
2		173.chn	45	7.5	53	F14	7E+05	2E+06	13.4	3.4	1.4	1.11	4.6	0.15	1.23	4.5	0.17	0.0		4.1	0.00		0.00	0.21	14.3	0.09	0.8	36.0	0.9	0.0		0.0	7.2	0
2		195.chn	45	7.5	53	G14	7E+05	2E+06	13.2	3.5	1.4	1.06	5.0	0.16	1.57	3.8	0.18	0.0		4.1	0.16	33.0	0.16	0.37	9.6	0.11	2.2	14.8	1.0	0.0		0.0	8.4	0
2		196.chn	45	7.5	53	H14	7E+05	2E+06	13.1	3.4	1.3	1.17	4.6	0.16	1.61	3.8	0.18	0.0		4.1	0.00		0.00	0.45	8.3	0.11	2.5	13.3	1.0	0.0		0.0	8.7	0
2		240.chn	45	7.5	53	I14	7E+05	2E+06	10.4	3.9	1.2	1.05	4.9	0.15	1.33	4.2	0.17	0.0		4.1	0.00		0.00	0.38	8.9	0.10	1.3	24.1	0.9	0.0		0.0	7.1	0
2		241.chn	45	7.5	53	J14	7E+05	2E+06	8.5	4.4	1.1	0.85	5.7	0.14	1.08	4.9	0.16	0.0		4.1	0.00		0.00	0.32	10.5	0.10	0.0		0.0	0.0		0.0	5.2	0
2		275.chn	45	7.5	53	K14	7E+05	2E+06	10.6	3.9	1.2	0.90	5.4	0.15	1.31	4.2	0.17	0.0		4.1	0.00		0.00	0.36	8.8	0.10	0.9	34.0	0.9	0.0		0.0	6.8	0
2		276.chn	45	7.5	53	L14	7E+05	2E+06	11.8	3.6	1.3	0.99	5.1	0.15	1.58	3.7	0.18	0.0		4.1	0.00		0.00	0.50	7.3	0.11	1.6	19.4	0.9	0.0		0.0	7.6	0
2		312.chn	45	7.5	53	M14	7E+05	2E+06	14.5	3.3	1.4	1.05	5.1	0.16	1.45	4.0	0.17	0.0		4.1	0.00		0.00	0.10	29.5	0.09	0.0		0.0	0.0		0.0	8.7	0
5		28.CHN	40227	1	12.4	E1	7E+05	2E+06	8.0	1.0	0.2	1.16	1.0	0.03	1.18	1.0	0.04	1.8	19.0	1.0	0.02	18.0	0.01	0.35	2.0	0.02	0.0		0.0	0.0		0.0	6.7	0
5		154.chn	1A66F	6.5	44	E01	7E+05	2E+06	6.5	1.0	0.2	0.76	1.0	0.02	0.89	1.0	0.03	1.0	16.0	0.5	0.05	9.0	0.01	0.25	1.0	0.01	0.0		0.0	0.0		0.0	5.2	0
5		23.CHN	30699	1	12.4	F1	7E+05	2E+06	15.3	1.0	0.5	1.52	1.0	0.05	2.69	1.0	0.08	2.2	22.0	1.5	0.07	12.0	0.02	0.49	2.0	0.03	0.0		0.0	0.0		0.0	12.9	0
5		137.chn	1A66F	6.5	44	F01	7E+05	2E+06	13.3	0.5	0.2	1.14	1.0	0.03	2.26	0.5	0.03	2.1	11.0	0.7	0.11	7.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	10.7	0
5		15.CHN	40279	1	12.4	G1	7E+05	2E+06	14.6	1.0	0.4	1.45	1.0	0.04	2.00	1.0	0.06	2.2	16.0	1.0	0.06	11.0	0.02	0.34	2.0	0.02	0.0		0.0	0.0		0.0	10.7	0
5		138.chn	1A66F	6.5	44	G01	7E+05	2E+06	12.1	0.5	0.2	0.90	1.0	0.03	1.69	0.5	0.03	2.0	10.0	0.6	0.10	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	8.6	0
5		29.CHN	40227	1	12.4	E2	7E+05	2E+06	15.6	1.0	0.5	1.15	1.0	0.03	2.00	1.0	0.06	1.7	24.0	1.2	0.12	10.0	0.04	0.52	2.0	0.03	0.0		0.0	0.0		0.0	10.5	0
5		205.chn	1A66F	6.5	44	E02	7E+05	2E+06	6.3	1.0	0.2	0.71	1.0	0.02	0.97	1.0	0.03	1.4	12.0	0.5	0.06	9.0	0.02	0.42	1.0	0.01	0.0		0.0	0.0		0.0	5.3	0
5		27.CHN	30687	1	12.4	F2	7E+05	2E+06	13.8	1.0	0.4	1.41	1.0	0.04	2.23	1.0	0.07	2.7	15.0	1.2	0.07	13.0	0.03	0.36	2.0	0.02	0.0		0.0	0.0		0.0	11.3	0
5		136.chn	1A66F	6.5	44	F02	7E+05	2E+06	13.0	0.5	0.2	1.08	1.0	0.03	2.02	0.5	0.03	2.0	11.0	0.7	0.09	7.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0		0.0	10.0	0
5		27.CHN	40293	1	12.4	G2	7E+05	2E+06	13.0	1.0	0.4	1.40	1.0	0.04	2.24	1.0	0.07	2.4	16.0	1.2	0.11	10.0	0.03	0.42	2.0	0.03	0.0		0.0	0.0		0.0	11.1	0

PRELIMINARY DRAFT

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5		139.chn	1A66F	6.5	44	G02	7E+05	2E+06	12.9	0.5	0.2	0.99	1.0	0.03	2.00	0.5	0.03	1.8	12.0	0.6	0.12	6.0	0.02	0.38	1.0	0.01	0.2	27.0	0.1	0.0		0.0	9.8	0
5		236.chn	1A66F	6.5	44	G02	7E+05	2E+06	12.9	0.5	0.2	1.05	1.0	0.03	2.02	0.5	0.03	2.1	10.0	0.6	0.09	7.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0		0.0	10.0	0
5		32.CHN	40293	1	12.4	D3	7E+05	2E+06	6.4	1.0	0.2	1.61	1.0	0.05	0.84	1.0	0.03	1.7	14.0	0.7	0.01	17.0	0.00	0.39	2.0	0.02	0.0		0.0	0.0		0.0	7.0	0
5		22.CHN	30699	1	12.4	E3	7E+05	2E+06	6.5	1.0	0.2	1.09	1.0	0.03	0.90	1.0	0.03	0.0		0.0	0.01	20.0	0.01	0.27	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		206.chn	1A66F	6.5	44	E03	7E+05	2E+06	6.0	1.0	0.2	0.70	1.0	0.02	0.93	1.0	0.03	1.2	14.0	0.5	0.07	8.0	0.02	0.51	1.0	0.02	0.0		0.0	0.0		0.0	5.3	0
5		24.CHN	30699	1	12.4	F3	7E+05	2E+06	12.3	1.0	0.4	1.03	1.0	0.03	1.98	1.0	0.06	2.4	15.0	1.1	0.15	9.0	0.04	0.43	2.0	0.03	0.0		0.0	0.0		0.0	9.4	0
5		132.chn	1A66F	6.5	44	F03	7E+05	2E+06	13.0	0.5	0.2	0.98	1.0	0.03	2.00	0.5	0.03	1.6	13.0	0.6	0.12	6.0	0.02	0.41	1.0	0.01	0.0		0.0	0.0		0.0	9.6	0
5		190.chn	1A62F6F	6.5	44	D03	7E+05	2E+06	7.7	1.0	0.2	0.93	1.0	0.03	0.79	1.0	0.02	1.5	9.0	0.4	0.05	10.0	0.01	0.29	1.0	0.01	0.0		0.0	0.0		0.0	5.4	0
5		16.CHN	40279	1	12.4	G3	7E+05	2E+06	9.0	1.0	0.3	0.81	2.0	0.05	1.35	1.0	0.04	1.8	22.0	1.2	0.03	21.0	0.02	0.33	2.0	0.02	0.0		0.0	0.0		0.0	8.5	0
5		143.chn	1A66F	6.5	44	G03	7E+05	2E+06	10.6	0.5	0.2	1.20	1.0	0.04	1.76	0.5	0.03	1.8	12.0	0.6	0.09	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.9	0
5		35.CHN	40227	1	12.4	D4	7E+05	2E+06	7.0	1.0	0.2	1.19	1.0	0.04	0.98	1.0	0.03	1.6	21.0	1.0	0.02	18.0	0.01	0.41	2.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5		26.CHN	30687	1	12.4	E4	7E+05	2E+06	11.6	1.0	0.3	1.29	1.0	0.04	1.15	1.0	0.03	1.7	15.0	0.8	0.04	14.0	0.02	0.14	4.0	0.02	0.0		0.0	0.0		0.0	7.5	0
5		151.chn	1A66F	6.5	44	E04	7E+05	2E+06	10.8	0.5	0.2	0.88	1.0	0.03	1.05	1.0	0.03	1.1	18.0	0.6	0.04	10.0	0.01	0.20	2.0	0.01	0.0		0.0	0.0		0.0	6.7	0
5		28.CHN	30687	1	12.4	F4	7E+05	2E+06	13.5	1.0	0.4	1.01	1.0	0.03	1.77	1.0	0.05	1.5	24.0	1.1	0.11	10.0	0.03	0.45	2.0	0.03	0.0		0.0	0.0		0.0	9.2	0
5		133.chn	1A66F	6.5	44	F04	7E+05	2E+06	12.4	0.5	0.2	0.88	1.0	0.03	1.67	0.5	0.03	1.5	14.0	0.6	0.10	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.6	0
5		192.chn	1A62F6F	6.5	44	D04	7E+05	2E+06	8.3	1.0	0.2	1.00	1.0	0.03	1.00	1.0	0.03	1.2	16.0	0.6	0.06	8.0	0.01	0.38	1.0	0.01	0.0		0.0	0.0		0.0	6.1	0
5		28.CHN	40293	1	12.4	G4	7E+05	2E+06	13.7	1.0	0.4	1.12	1.0	0.03	2.14	1.0	0.06	2.7	15.0	1.2	0.15	9.0	0.04	0.47	2.0	0.03	0.0		0.0	0.0		0.0	10.4	0
5		144.chn	1A66F	6.5	44	G04	7E+05	2E+06	12.3	0.5	0.2	1.31	1.0	0.04	1.89	0.5	0.03	1.8	12.0	0.6	0.07	7.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	9.7	0
5		28.CHN	30699	1	12.4	D5	7E+05	2E+06	7.4	1.0	0.2	1.65	1.0	0.05	1.02	1.0	0.03	1.4	14.0	0.6	0.00	13.0	0.00	0.80	1.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5		16.CHN	40293	1	12.4	D5	7E+05	2E+06	6.7	1.0	0.2	0.84	1.0	0.03	0.96	1.0	0.03	1.8	12.0	0.7	3.87	17.0	1.97	0.75	1.0	0.02	0.0		0.0	0.0		0.0	5.6	0
5		207.chn	1A66F	6.5	44	D05	7E+05	2E+06	7.6	1.0	0.2	0.75	1.0	0.02	0.93	1.0	0.03	1.2	14.0	0.5	0.08	7.0	0.02	0.48	1.0	0.01	0.0		0.0	0.0		0.0	5.6	0
5		27.CHN	40227	1	12.4	E5	7E+05	2E+06	12.2	1.0	0.4	1.59	1.0	0.05	1.39	1.0	0.04	1.6	29.0	1.4	0.00	19.0	0.00	0.26	3.0	0.02	0.0		0.0	0.0		0.0	8.9	0
5		152.chn	1A66F	6.5	44	E05	7E+05	2E+06	10.8	0.5	0.2	0.89	1.0	0.03	1.14	1.0	0.03	1.4	14.0	0.6	0.05	9.0	0.01	0.22	2.0	0.01	0.0		0.0	0.0		0.0	6.9	0
5		33.CHN	40293	1	12.4	F5	7E+05	2E+06	15.4	1.0	0.5	1.88	1.0	0.06	2.20	1.0	0.07	0.0		0.0	0.06	12.0	0.02	0.45	2.0	0.03	0.0		0.0	0.0		0.0	12.3	0
5		126.chn	1A66F	6.5	44	F05	7E+05	2E+06	14.2	0.5	0.2	1.00	1.0	0.03	1.92	0.5	0.03	1.9	12.0	0.7	0.10	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	9.9	0
5		17.CHN	40227	1	12.4	D6	7E+05	2E+06	14.5	1.0	0.4	0.97	1.0	0.03	1.49	1.0	0.04	0.0		0.0	0.08	13.0	0.03	0.44	2.0	0.03	0.0		0.0	0.0		0.0	8.9	0
5		213.chn	1A66F	6.5	44	D06	7E+05	2E+06	11.1	0.5	0.2	0.68	1.0	0.02	1.05	1.0	0.03	1.2	16.0	0.6	0.06	10.0	0.02	0.29	1.0	0.01	0.0		0.0	0.0		0.0	6.5	0
5		29.CHN	30699	1	12.4	E6	7E+05	2E+06	18.4	1.0	0.6	1.70	1.0	0.05	1.[illegible]	1.0	0.06	2.5	20.0	1.5	0.06	12.0	0.02	0.38	2.0	0.02	0.0		0.0	0.0		0.0	12.1	0
5		124.chn	1A66F	6.5	44	E06	7E+05	2E+06	15.9	0.5	0.2	0.99	1.0	0.03	1.69	0.5	0.03	2.0	11.0	0.6	0.08	8.0	0.02	0.33	1.0	0.01	0.1	46.0	0.1	0.0		0.0	9.6	0
5		219.chn	1A66F	6.5	44	E06	7E+05	2E+06	15.4	0.5	0.2	1.01	1.0	0.03	1.64	0.5	0.02	1.8	13.0	0.7	0.09	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	9.4	0
5		34.CHN	40227	1	12.4	F6	7E+05	2E+06	23.6	1.0	0.7	1.79	1.0	0.05	1.74	1.0	0.05	2.6	13.0	1.0	0.09	11.0	0.03	0.28	3.0	0.03	0.0		0.0	0.0		0.0	12.4	0
5	133.6	125.chn	1A66F	6.5	44	F06	7E+05	2E+06	18.7	0.5	0.3	1.24	1.0	0.04	1.63	1.0	0.05	2.0	11.0	0.7	0.11	6.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	10.5	0
5		12.CHN	30687	1	12.4	C7	7E+05	2E+06	14.3	1.0	0.4	1.00	1.0	0.03	0.96	1.0	0.03	2.0	12.0	0.7	0.04	16.0	0.02	0.14	4.0	0.02	0.0		0.0	0.0		0.0	7.2	0
5		189.chn	1A62F6F	6.5	44	C07	7E+05	2E+06	10.2	1.0	0.3	0.63	1.0	0.02	0.69	1.0	0.02	1.3	12.0	0.5	0.05	12.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	5.2	0
5		11.CHN	30699	1	12.4	D7	7E+05	2E+06	6.7	1.0	0.2	0.73	1.0	0.02	1.05	1.0	0.03	1.5	19.0	0.8	0.06	14.0	0.03	0.44	2.0	0.03	0.0		0.0	0.0		0.0	5.4	0
5	133.5	200.chn	1A62F6F	6.5	44	D07	7E+05	2E+06	13.7	0.5	0.2	0.80	1.0	0.02	1.12	1.0	0.03	1.5	17.0	0.8	0.06	11.0	0.02	0.18	2.0	0.01	0.0		0.0	0.0		0.0	7.1	0
5		33.CHN	30687	1	12.4	E7	7E+05	2E+06	16.3	1.0	0.5	1.56	1.0	0.05	2.07	1.0	0.06	2.9	10.0	0.9	0.06	12.0	0.02	0.45	2.0	0.03	0.0		0.0	0.0		0.0	11.6	0
5		123.chn	1A66F	6.5	44	E07	7E+05	2E+06	14.8	0.5	0.2	0.92	1.0	0.03	1.55	1.0	0.05	2.1	10.0	0.6	0.10	7.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		18.CHN	30699	1	12.4	F7	7E+05	2E+06	8.7	1.0	0.3	0.94	1.0	0.03	1.33	1.0	0.04	2.6	9.0	0.7	0.09	11.0	0.03	0.41	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5	133.6	120.chn	1A66F	6.5	44	F07	7E+05	2E+06	15.0	0.5	0.2	1.06	1.0	0.03	2.03	0.5	0.03	2.3	10.0	0.7	0.11	7.0	0.02	0.39	1.0	0.01	0.0		0.0	0.0		0.0	10.5	0
5		33.CHN	40227	1	12.4	G7	7E+05	2E+06	13.2	1.0	0.4	1.73	1.0	0.05	2.18	1.0	0.07	3.0	14.0	1.3	0.04	14.0	0.02	0.40	2.0	0.02	0.0		0.0	0.0		0.0	11.3	0
5		212.chn	1A66F	6.5	44	G07	7E+05	2E+06	11.3	0.5	0.2	0.83	1.0	0.03	1.54	1.0	0.05	1.8	11.0	0.6	0.09	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		13.CHN	40293	1	12.4	C8	7E+05	2E+06	12.5	1.0	0.4	1.46	1.0	0.04	1.13	1.0	0.03	2.0	14.0	0.8	0.03	14.0	0.01	0.28	3.0	0.03	0.0		0.0	0.0		0.0	8.1	0
5		178.chn	1A66F	6.5	44	C08	7E+05	2E+06	11.5	0.5	0.2	0.91	1.0	0.03	1.01	1.0	0.03	1.7	12.0	0.6	0.07	8.0	0.02	0.17	2.0	0.01	0.0		0.0	0.0		0.0	6.7	0
5		25.CHN	40227	1	12.4	D8	7E+05	2E+06	20.9	1.0	0.6	0.93	1.0	0.03	0.96	1.0	0.03	1.6	21.0	1.0	0.04	17.0	0.02	0.05	11.0	0.02	0.0		0.0	0.0		0.0	8.2	0
5	133.5	199.chn	1A62F6F	6.5	44	D08	7E+05	2E+06	15.0	0.5	0.2	0.77	1.0	0.02	1.08	1.0	0.03	1.8	12.0	0.6	0.06	10.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	7.1	0
5		23.CHN	40293	1	12.4	E8	7E+05	2E+06	9.6	1.0	0.3	1.03	1.0	0.03	1.43	1.0	0.04	2.8	9.0	0.8	0.10	11.0	0.03	0.46	2.0	0.03	0.0		0.0	0.0		0.0	7.6	0
5		218.chn	1A66F	6.5	44	E08	7E+05	2E+06	15.1	0.5	0.2	1.03	1.0	0.03	1.60	1.0	0.05	2.2	10.0	0.7	0.11	7.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	9.2	0
5		17.CHN	30699	1	12.4	F8	7E+05	2E+06	15.4	1.0	0.5	1.32	1.0	0.04	2.22	1.0	0.07	7.6	6.0	1.4	0.19	8.0	0.05	0.33	2.0	0.02	0.0		0.0	0.0		0.0	11.2	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	133.4	119.chn	1A66F	6.5	44	F08	7E+05	2E+06	13.1	0.5	0.2	0.89	1.0	0.03	1.74	0.5	0.03	2.6	8.0	0.6	0.10	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		23.CHN	30687	1	12.4	G8	7E+05	2E+06	9.0	1.0	0.3	0.97	1.0	0.03	1.36	1.0	0.04	2.7	9.0	0.7	0.10	11.0	0.03	0.42	2.0	0.03	0.0		0.0	0.0		0.0	7.1	0
5		145.chn	1A66F	6.5	44	G08	7E+05	2E+06	11.8	0.5	0.2	1.23	1.0	0.04	1.68	0.5	0.03	1.7	12.0	0.6	0.08	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		9.CHN	40293	1	12.4	C9	7E+05	2E+06	8.5	1.0	0.3	0.96	1.0	0.03	1.01	1.0	0.03	1.7	14.0	0.7	0.06	13.0	0.03	0.25	3.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5		177.chn	1A66F	6.5	44	C09	7E+05	2E+06	7.8	1.0	0.2	0.67	1.0	0.02	0.72	1.0	0.02	1.6	9.0	0.4	0.07	9.0	0.02	0.18	2.0	0.01	0.0		0.0	0.0		0.0	5.2	0
5		16.CHN	40227	1	12.4	D9	7E+05	2E+06	10.4	1.0	0.3	0.93	1.0	0.03	1.22	1.0	0.04	1.5	28.0	1.2	0.02	23.0	0.01	0.20	3.0	0.02	0.0		0.0	0.0		0.0	7.0	0
5		198.chn	1A62F6F	6.5	44	D09	7E+05	2E+06	9.4	1.0	0.3	0.74	1.0	0.02	1.06	1.0	0.03	2.3	9.0	0.6	0.08	9.0	0.02	0.24	2.0	0.01	0.0		0.0	0.0		0.0	6.0	0
5		24.CHN	40227	1	12.4	E9	7E+05	2E+06	10.4	1.0	0.3	1.10	1.0	0.03	1.54	1.0	0.05	3.0	9.0	0.8	0.11	11.0	0.03	0.48	2.0	0.03	0.0		0.0	0.0		0.0	8.2	0
5		114.chn	1A66F	6.5	44	E09	7E+05	2E+06	9.4	0.5	0.1	0.73	1.0	0.02	1.14	1.0	0.03	3.4	6.0	0.6	0.12	6.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	9.8	0
5		22.CHN	40293	1	12.4	F9	7E+05	2E+06	10.1	1.0	0.3	1.08	1.0	0.03	1.54	1.0	0.05	2.4	15.0	1.1	0.08	12.0	0.03	0.31	2.0	0.02	0.0		0.0	0.0		0.0	8.0	0
5	133.4	118.chn	1A66F	6.5	44	F09	7E+05	2E+06	9.9	0.5	0.1	0.79	1.0	0.02	1.38	1.0	0.04	2.8	7.0	0.6	0.12	1.0	0.00	0.34	1.0	0.01	0.0		0.0	0.0		0.0	7.3	0
5		22.CHN	30687	1	12.4	G9	7E+05	2E+06	8.6	1.0	0.3	0.93	1.0	0.03	1.22	1.0	0.04	1.8	19.0	1.0	0.04	17.0	0.02	0.32	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		146.chn	1A66F	6.5	44	G09	7E+05	2E+06	9.7	0.5	0.1	1.12	1.0	0.03	1.44	1.0	0.04	2.3	9.0	0.6	0.06	8.0	0.01	0.37	1.0	0.01	0.0		0.0	0.0		0.0	7.7	0
5		11.chn	40227	1	12.4	C10	7E+05	2E+06	8.0	1.0	0.2	0.85	1.0	0.03	1.21	1.0	0.04	1.7	19.0	1.0	0.07	14.0	0.03	0.51	2.0	0.03	0.0		0.0	0.0		0.0	6.4	0
5		176.chn	1A66F	6.5	44	C10	7E+05	2E+06	8.9	1.0	0.3	1.00	1.0	0.03	1.10	1.0	0.03	1.6	12.0	0.6	0.05	9.0	0.01	0.43	1.0	0.01	0.0		0.0	0.0		0.0	6.7	0
5	133.1	28.chn	1a66f	6.5	44	B1	7E+05	2E+06	10.5	0.0	0.0	1.23	1.0	0.04	1.15	1.0	0.03	1.8	8.0	0.4	0.04	9.0	0.01	0.39	1.0	0.01	0.0		0.0	0.0		0.0	9.6	0
5		26.CHN	40227	1	12.4	D10	7E+05	2E+06	14.6	1.0	0.4	1.33	1.0	0.04	1.64	1.0	0.05	2.6	16.0	1.2	0.04	15.0	0.02	0.34	2.0	0.02	0.0		0.0	0.0		0.0	9.7	0
5	133.1	197.chn	1A66F	6.5	44	D10	7E+05	2E+06	10.8	0.5	0.2	0.77	1.0	0.02	1.21	1.0	0.04	2.0	10.0	0.6	0.07	8.0	0.02	0.28	1.0	0.01	0.0		0.0	0.0		0.0	6.9	0
5	133.1	39.chn	40227	1	12.4	A1	7E+05	2E+06	8.0	1.0	0.2	0.83	1.0	0.02	1.23	1.0	0.04	1.4	21.0	0.9	0.07	13.0	0.03	0.46	2.0	0.03	0.0		0.0	0.0		0.0	6.2	0
5	133.1	46.chn	40227	1	12.4	B1	7E+05	2E+06	7.0	1.0	0.2	0.73	1.0	0.02	0.99	1.0	0.03	1.9	11.0	0.6	0.08	12.0	0.03	0.48	2.0	0.03	0.0		0.0	0.0		0.0	5.5	0
5	133.1	41.chn	40227	1	12.4	C1	7E+05	2E+06	9.9	1.0	0.3	1.58	1.0	0.05	1.12	1.0	0.03	2.1	12.0	0.7	0.01	16.0	0.00	0.48	2.0	0.03	0.0		0.0	0.0		0.0	7.7	0
5		23.CHN	40227	1	12.4	E10	7E+05	2E+06	11.1	1.0	0.3	1.22	1.0	0.04	1.69	1.0	0.05	3.3	12.0	1.2	0.09	12.0	0.03	0.38	2.0	0.02	0.0		0.0	0.0		0.0	9.2	0
5		110.chn	1A66F	6.5	44	E10	7E+05	2E+06	11.7	0.5	0.2	0.94	1.0	0.03	1.62	0.5	0.02	3.9	5.0	0.6	0.14	5.0	0.02	0.31	1.0	0.01	0.0		0.0	0.0		0.0	8.5	0
5		16.CHN	30699	1	12.4	F10	7E+05	2E+06	9.4	1.0	0.3	1.20	1.0	0.04	1.49	1.0	0.04	21.7	1.0	0.7	0.38	4.0	0.05	0.48	2.0	0.03	0.0		0.0	0.0		0.0	8.6	0
5		117.chn	1A66F	6.5	44	F10	7E+05	2E+06	10.0	0.5	0.2	0.80	1.0	0.02	1.54	1.0	0.05	18.8	1.0	0.6	0.36	3.0	0.03	0.41	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5	133.1	38.chn	40227	1	12.4	A2	7E+05	2E+06	7.9	1.0	0.2	0.92	1.0	0.03	1.15	1.0	0.03	1.4	22.0	0.9	0.06	13.0	0.02	0.59	1.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5	133.1	38.chn	30687	1	12.4	B2	7E+05	2E+06	11.2	1.0	0.3	1.31	1.0	0.04	1.41	1.0	0.04	1.6	16.0	0.8	0.03	16.0	0.01	0.34	2.0	0.02	0.0		0.0	0.0		0.0	8.2	0
5	133.1	40.chn	40227	1	12.4	C2	7E+05	2E+06	10.4	1.0	0.3	1.44	1.0	0.04	1.16	1.0	0.03	1.5	21.0	0.9	0.00	17.0	0.00	0.23	3.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	37.chn	40227	1	12.4	A3	7E+05	2E+06	8.1	1.0	0.2	0.98	1.0	0.03	1.17	1.0	0.04	1.5	24.0	1.1	0.05	13.0	0.02	0.34	2.0	0.02	0.0		0.0	0.0		0.0	6.2	0
5	133.1	42.chn	40293	1	12.4	B3	7E+05	2E+06	12.4	1.0	0.4	0.89	1.0	0.03	1.30	1.0	0.04	2.0	22.0	1.3	0.05	16.0	0.02	0.36	2.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	45.chn	30687	1	12.4	C3	7E+05	2E+06	10.3	1.0	0.3	1.16	1.0	0.03	1.12	1.0	0.03	1.9	22.0	1.3	0.03	16.0	0.01	0.24	3.0	0.02	0.0		0.0	0.0		0.0	7.1	0
5	133.1	45.chn	40227	1	12.4	C3	7E+05	2E+06	9.5	1.0	0.3	0.82	1.0	0.02	1.06	1.0	0.03	1.4	16.0	0.7	0.07	13.0	0.03	0.22	3.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	49.chn	40277	1	12.4	C3	7E+05	2E+06	11.0	1.0	0.3	1.21	1.0	0.04	1.23	1.0	0.04	2.2	12.0	0.8	0.05	15.0	0.02	0.25	3.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	36.chn	40227	1	12.4	A4	7E+05	2E+06	9.8	1.0	0.3	0.94	1.0	0.03	1.24	1.0	0.04	1.7	21.0	1.1	0.05	14.0	0.02	0.35	2.0	0.02	0.0		0.0	0.0		0.0	6.7	0
5	133.1	43.chn	30687	1	12.4	B4	7E+05	2E+06	12.7	1.0	0.4	0.88	1.0	0.03	1.32	1.0	0.04	1.8	18.0	1.0	0.07	13.0	0.03	0.29	2.0	0.02	0.0		0.0	0.0		0.0	7.4	0
5	133.1	39.chn	30699	1	12.4	C4	7E+05	2E+06	10.1	1.0	0.3	0.95	1.0	0.03	1.20	1.0	0.04	2.2	13.0	0.8	0.07	14.0	0.03	0.33	2.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	42.chn	30687	1	12.4	A5	7E+05	2E+06	11.2	1.0	0.3	1.13	2.0	0.07	1.29	1.0	0.04	2.9	14.0	1.2	0.06	18.0	0.03	0.44	3.0	0.04	0.0		0.0	0.0		0.0	7.4	0
5	133.1	48.chn	40227	1	12.4	A5	7E+05	2E+06	12.4	1.0	0.4	1.24	1.0	0.04	1.43	1.0	0.04	2.1	17.0	1.1	0.05	13.0	0.02	0.48	2.0	0.03	0.0		0.0	0.0		0.0	8.4	0
5	133.1	44.chn	40227	1	12.4	B5	7E+05	2E+06	11.6	1.0	0.3	1.17	1.0	0.04	1.20	1.0	0.04	1.6	14.0	0.7	0.03	16.0	0.01	0.19	3.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	40.chn	40293	1	12.4	C5	7E+05	2E+06	7.7	1.0	0.2	0.98	1.0	0.03	0.85	2.0	0.05	2.9	23.0	2.0	0.01	25.0	0.01	0.22	3.0	0.02	0.0		0.0	0.0		0.0	6.4	0
5	133.1	40chn	30687	1	12.4	A6	7E+05	2E+06	12.1	1.0	0.4	1.29	1.0	0.04	1.24	1.0	0.04	1.7	15.0	0.8	0.03	16.0	0.01	0.62	1.0	0.02	0.0		0.0	0.0		0.0	8.0	0
5	133.1	41.chn	30687	1	12.4	B6	7E+05	2E+06	12.4	1.0	0.4	1.19	1.0	0.04	1.30	1.0	0.04	2.3	11.0	0.7	0.03	16.0	0.02	0.29	2.0	0.02	0.0		0.0	0.0		0.0	8.0	0
5	133.1	39.chn	40293	1	12.4	C6	7E+05	2E+06	10.8	1.0	0.3	1.24	1.0	0.04	1.29	1.0	0.04	1.9	14.0	0.8	0.02	19.0	0.01	0.38	2.0	0.02	0.0		0.0	0.0		0.0	7.9	0
5		10.chn	40227	1	12.4	C11	7E+05	2E+06	8.4	1.0	0.3	0.84	1.0	0.03	1.25	1.0	0.04	2.5	9.0	0.7	0.07	13.0	0.03	0.56	2.0	0.03	0.0		0.0	0.0		0.0	6.6	0
5		175.chn	1A66F	6.5	44	C11	7E+05	2E+06	8.2	1.0	0.2	1.00	1.0	0.03	1.05	1.0	0.03	1.4	13.0	0.6	0.08	7.0	0.02	0.43	1.0	0.01	0.0		0.0	0.0		0.0	6.3	0
5		14.CHN	40293	1	12.4	D11	7E+05	2E+06	9.5	1.0	0.3	1.18	1.0	0.04	1.23	1.0	0.04	1.9	13.0	0.7	0.05	14.0	0.02	0.22	3.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.1	113.chn	1A66F	6.5	44	D11	7E+05	2E+06	9.2	1.0	0.3	0.70	1.0	0.02	1.02	1.0	0.03	1.5	13.0	0.6	0.07	9.0	0.02	0.27	1.0	0.01	0.0		0.0	0.0		0.0	6.1	0
5	133.1	42.chn	40227	1	12.4	A7	7E+05	2E+06	9.7	1.0	0.3	1.16	1.0	0.03	1.15	1.0	0.03	2.0	11.0	0.7	0.04	11.0	0.01	0.57	1.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5	133.1	43.chn	40227	1	12.4	B7	7E+05	2E+06	10.1	1.0	0.3	1.49	1.0	0.04	1.19	1.0	0.04	1.4	27.0	1.2	0.02	14.0	0.01	0.37	2.0	0.02	0.0		0.0	0.0		0.0	7.8	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	133.1	38.chn	40293	1	12.4	B7	7E+05	2E+06	11.2	1.0	0.3	1.82	1.0	0.05	1.30	1.0	0.04	2.3	11.0	0.7	0.04	11.0	0.01	0.66	1.0	0.02	0.0		0.0	0.0		0.0	8.7	0
5	133.1	37.chn	30699	1	12.4	C7	7E+05	2E+06	12.8	1.0	0.4	1.52	1.0	0.05	1.65	1.0	0.05	2.1	19.0	1.2	0.04	14.0	0.02	0.34	2.0	0.02	0.0		0.0	0.0		0.0	9.7	0
5		22.CHN	40227	1	12.4	E11	7E+05	2E+06	15.9	1.0	0.5	1.40	1.0	0.04	2.23	1.0	0.07	3.9	8.0	0.9	0.16	9.0	0.04	0.45	2.0	0.03	0.0		0.0	0.0		0.0	11.9	0
5	133.3	108.chn	1A66F	6.5	44	E11	7E+05	2E+06	13.5	0.5	0.2	1.02	1.0	0.03	1.84	0.5	0.03	3.7	6.0	0.7	0.16	5.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	9.6	0
5		21.CHN	40293	1	12.4	F11	7E+05	2E+06	8.2	1.0	0.2	1.04	1.0	0.03	1.26	1.0	0.04	3.2	8.0	0.8	0.07	13.0	0.03	0.43	2.0	0.03	0.0		0.0	0.0		0.0	7.1	0
5	133.3	109.chn	1A66F	6.5	44	F11	7E+05	2E+06	9.4	0.5	0.1	0.84	1.0	0.03	1.36	1.0	0.04	2.8	7.0	0.6	0.11	6.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	7.1	0
5		21.CHN	30687	1	12.4	G11	7E+05	2E+06	11.8	1.0	0.4	1.07	1.0	0.03	1.87	1.0	0.06	2.9	9.0	0.8	0.08	13.0	0.03	0.33	2.0	0.02	0.0		0.0	0.0		0.0	9.2	0
5		105.chn	1A66F	6.5	44	G11	7E+05	2E+06	10.9	0.5	0.2	0.86	1.0	0.03	1.51	1.0	0.05	1.9	11.0	0.6	0.09	7.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	7.8	0
5		4.chn	40293	1	12.4	B12	7E+05	2E+06	13.5	1.0	0.4	0.88	1.0	0.03	1.01	1.0	0.03			0.0	0.06	14.0	0.02	0.15	4.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		169.chn	1A66F	6.5	44	B12	7E+05	2E+06	12.0	0.1	0.0	1.16	1.0	0.03	0.91	1.0	0.03	1.4	14.0	0.6	0.06	7.0	0.01	0.15	2.0	0.01	0.0		0.0	0.0		0.0	6.8	0
5		4.CHN	30687	1	12.4	C12	7E+05	2E+06	6.9	1.0	0.2	0.71	1.0	0.02	1.01	1.0	0.03	1.4	16.0	0.7	0.06	14.0	0.03	0.36	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		9.CHN	30699	1	12.4	C12	7E+05	2E+06	7.3	1.0	0.2	1.08	1.0	0.03	1.07	1.0	0.03	1.4	23.0	1.0	0.02	17.0	0.01	0.33	2.0	0.02	0.0		0.0	0.0		0.0	6.1	0
5		170.chn	1A66F	6.5	44	C12	7E+05	2E+06	7.6	1.0	0.2	0.87	1.0	0.03	0.97	1.0	0.03	1.2	14.0	0.5	0.07	7.0	0.02	0.30	1.0	0.01	0.0		0.0	0.0		0.0	5.7	0
5		10.CHN	30699	1	12.4	D12	7E+05	2E+06	9.9	1.0	0.3	1.07	1.0	0.03	1.05	1.0	0.03	1.2	20.0	0.7	0.02	19.0	0.01	0.24	3.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5	133.1	235.chn	1A66F	6.5	44	D12	7E+05	2E+06	9.4	1.0	0.3	0.75	1.0	0.02	1.00	1.0	0.03	1.6	13.0	0.6	0.06	10.0	0.02	0.28	2.0	0.02	0.0		0.0	0.0		0.0	7.8	0
5		21.CHN	40227	1	12.4	E12	7E+05	2E+06	15.3	1.0	0.5	1.30	1.0	0.04	2.25	1.0	0.07	3.7	12.0	1.3	0.11	11.0	0.04	0.54	2.0	0.03	0.0		0.0	0.0		0.0	11.6	0
5	133.3	102.chn	1A66F	6.5	44	E12	7E+05	2E+06	12.7	0.5	0.2	0.91	1.0	0.03	1.75	0.5	0.03	3.5	6.0	0.6	0.15	5.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.9	0
5		20.CHN	40293	1	12.4	F12	7E+05	2E+06	10.9	1.0	0.3	1.06	1.0	0.03	1.50	1.0	0.05	2.8	9.0	0.8	1.50	13.0	0.59	0.41	2.0	0.02	0.0		0.0	0.0		0.0	8.2	0
5	133.3	103.chn	1A66F	6.5	44	F12	7E+05	2E+06	10.8	0.5	0.2	0.84	1.0	0.03	1.43	1.0	0.04	2.8	7.0	0.6	0.12	6.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0		0.0	7.5	0
5		15.CHN	30699	1	12.4	G12	7E+05	2E+06	13.8	1.0	0.4	1.27	1.0	0.04	2.10	1.0	0.06	2.4	16.0	1.1	0.08	12.0	0.03	0.43	2.0	0.0[illegible]	0.0		0.0	0.0		0.0	10.5	0
5		104.chn	1A66F	6.5	44	G12	7E+05	2E+06	12.6	0.5	0.2	0.99	1.0	0.03	1.82	0.5	0.03	2.2	10.0	0.7	0.09	7.0	0.02	0.37	1.0	0.01	0		0.0	0.0		0.0	9.3	0
5		4.chn	40227	1	12.4	B13	7E+05	2E+06	9.7	1.0	0.3	0.91	1.0	0.03	1.28	1.0	0.04	2.4	14.0	1.0	0.09	11.0	0.03	0.62	2.0	0.04	0.0		0.0	0.0		0.0	6.9	0
5		167.chn	1A66F	6.5	44	B13	7E+05	2E+06	8.5	1.0	0.3	0.80	1.0	0.02	1.03	1.0	0.03	1.5	9.0	0.4	0.06	9.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0		0.0	7.3	0
5		2.CHN	30699	1	12.4	C13	7E+05	2E+06	9.4	1.0	0.3	0.87	1.0	0.03	1.39	1.0	0.04	2.3	14.0	1.0	0.08	12.0	0.03	0.81	1.0	0.02	0.0		0.0	0.0		0.0	7.2	0
5		183.chn	1A66F	6.5	44	C13	7E+05	2E+06	8.3	1.0	0.2	0.87	1.0	0.03	1.18	1.0	0.04	1.6	11.0	0.5	0.06	8.0	0.02	0.60	1.0	0.02	0.0		0.0	0.0		0.0	6.5	0
5		15.CHN	40227	1	12.4	D13	7E+05	2E+06	6.5	1.0	0.2	1.48	1.0	0.04	1.14	1.0	0.03	1.8	13.0	0.7	0.03	13.0	0.01	0.68	1.0	0.02	0.0		0.0	0.0		0.0	7.0	0
5		184.chn	1A66F	6.5	44	D13	7E+05	2E+06	6.4	1.0	0.2	0.74	1.0	0.02	0.90	1.0	0.03	1.5	11.0	0.5	0.06	9.0	0.02	0.47	1.0	0.01	0.0		0.0	0.0		0.0	5.3	0
5		20.CHN	40227	1	12.4	E13	7E+05	2E+06	8.9	1.0	0.3	1.04	1.0	0.03	1.36	1.0	0.04	2.1	19.0	1.2	0.07	13.0	0.03	0.38	2.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5	133.3	96.chn	1A66F	6.5	44	E13	7E+05	2E+06	9.6	0.5	0.1	0.81	1.0	0.02	1.31	1.0	0.04	1.9	10.0	0.6	0.09	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	6.9	0
5	133.3	97.chn	1A66F	6.5	44	F13	7E+05	2E+06	15.1	0.5	0.2	1.19	1.0	0.04	2.32	0.5	0.03	3.6	7.0	0.7	0.16	5.0	0.02	0.53	1.0	0.02	0.0		0.0	0.0		0.0	11.3	0
5		19.CHN	40293	1	12.4	F13	7E+05	2E+06	12.9	1.0	0.4	1.33	1.0	0.04	2.13	1.0	0.06	3.8	11.0	1.2	0.11	10.0	0.03	0.50	2.0	0.03	0.0		0.0	0.0		0.0	10.9	0
5		14.CHN	30699	1	12.4	G13	7E+05	2E+06	15.9	1.0	0.5	1.45	1.0	0.04	2.29	1.0	0.07	4.0	7.0	0.8	0.15	8.0	0.04	0.52	2.0	0.03	0.0		0.0	0.0		0.0	11.7	0
5		31.CHN	40293	1	12.4	G13	7E+05	2E+06	14.9	1.0	0.4	1.39	1.0	0.04	2.21	1.0	0.07	3.5	12.0	1.3	0.14	9.0	0.04	0.48	2.0	0.03	0.0		0.0	0.0		0.0	11.3	0
5		98.chn	1A66F	6.5	44	G13	7E+05	2E+06	15.1	0.5	0.2	1.12	1.0	0.03	2.13	0.5	0.03	3.6	7.0	0.8	0.17	5.0	0.02	0.49	1.0	0.01	0.0		0.0	0.0		0.0	10.8	0
5		20.CHN	30687	1	12.4	H13	7E+05	2E+06	13.1	1.0	0.4	1.07	1.0	0.03	1.80	1.0	0.05	2.6	10.0	0.8	0.11	10.0	0.03	0.54	2.0	0.03	0.0		0.0	0.0		0.0	9.3	0
5		27.CHN	30699	1	12.4	H13	7E+05	2E+06	13.3	1.0	0.4	1.13	1.0	0.03	1.90	1.0	0.06	2.5	8.0	0.6	0.07	11.0	0.02	0.59	1.0	0.02	0.0		0.0	0.0		0.0	9.7	0
5		93.chn	1A66F	6.5	44	H13	7E+05	2E+06	11.4	0.5	0.2	0.79	1.0	0.02	1.51	1.0	0.05	1.9	11.0	0.6	0.12	6.0	0.02	0.43	1.0	0.01	0.0		0.0	0.0		0.0	7.8	0
5		3.chn	40293	1	12.4	B14	7E+05	2E+06	10.0	1.0	0.3	0.78	1.0	0.02	1.36	1.0	0.04	2.1	12.0	0.7	0.06	15.0	0.03	0.48	2.0	0.03	0.0		0.0	0.0		0.0	6.9	0
5		168.chn	1A66F	6.5	44	B14	7E+05	2E+06	9.0	0.5	0.1	0.99	1.0	0.03	0.96	1.0	0.03	1.2	16.0	0.6	0.06	8.0	0.01	0.32	1.0	0.01	0.0		0.0	0.0		0.0	6.1	0
5		57.chn	1A66F	6.5	44	B14	7E+05	2E+06	8.2	1.0	0.2	0.78	1.0	0.02	0.96	1.0	0.03	1.2	15.0	0.6	0.04	11.0	0.01	0.35	1.0	0.01	0.0		0.0	0.0		0.0	7.0	0
5		14.CHN	40227	1	12.4	C14	7E+05	2E+06	6.2	1.0	0.2	1.77	1.0	0.05	1.13	1.0	0.03	1.3	25.0	1.0	0.00	15.0	0.00	0.94	1.0	0.03	0.0		0.0	0.0		0.0	7.4	0
5		162.chn	1A66F	6.5	44	C14	7E+05	2E+06	6.0	1.0	0.2	0.74	1.0	0.02	0.94	1.0	0.03	1.4	12.0	0.5	0.04	10.0	0.01	0.63	1.0	0.02	0.0		0.0	0.0		0.0	5.4	0
5		30.CHN	40227	1	12.4	D14	7E+05	2E+06	6.9	1.0	0.2	1.27	1.0	0.04	1.04	1.0	0.03	1.4	23.0	1.0	0.03	15.0	0.01	0.62	1.0	0.02	0.0		0.0	0.0		0.0	6.5	0
5		214.chn	1A66F	6.5	44	D14	7E+05	2E+06	9.0	0.5	0.1	0.73	1.0	0.02	1.17	1.0	0.04	1.7	11.0	0.6	0.07	8.0	0.02	0.46	1.0	0.01	0.0		0.0	0.0		0.0	6.4	0
5		19.CHN	40227	1	12.4	E14	7E+05	2E+06	10.3	1.0	0.3	1.27	1.0	0.04	1.30	1.0	0.04	2.4	15.0	1.1	0.05	14.0	0.02	0.39	2.0	0.02	0.0		0.0	0.0		0.0	7.9	0
5		90.chn	1A66F	6.5	44	E14	7E+05	2E+06	11.1	0.5	0.2	0.83	1.0	0.02	1.39	1.0	0.04	1.9	10.0	0.6	0.08	8.0	0.02	0.43	1.0	0.01	0.0		0.0	0.0		0.0	7.5	0
5		18.CHN	40293	1	12.4	F14	7E+05	2E+06	9.9	1.0	0.3	1.67	1.0	0.05	1.51	1.0	0.05	2.5	10.0	0.7	0.04	12.0	0.02	0.42	2.0	0.02	0.0		0.0	0.0		0.0	9.0	0
5		91.chn	1A66F	6.5	44	F14	7E+05	2E+06	10.2	0.5	0.2	0.83	1.0	0.02	1.47	1.0	0.04	2.1	9.0	0.6	0.09	8.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	7.5	0
5		13.CHN	30699	1	12.4	G14	7E+05	2E+06	10.7	1.0	0.3	1.57	1.0	0.05	1.65	1.0	0.05	2.1	17.0	1.1	0.02	15.0	0.01	0.44	2.0	0.03	0.0		0.0	0.0		0.0	9.3	0

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OU	IHSS	File Name	Detector	Detector	FOV	Station	North	East	K-40	%	MDA	Ra-226	%	MDA	Th-232	%	MDA	U-238	%	MDA	U-235	%	MDA	Cs-137	%	MDA	Am-241	%	MDA	Pu-239	%	MDA	Exposure	% FOV
	Number		Array	Height (m)	m		feet	feet	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	nCi/g	Error	nCi/g	uR/h	Blocked
5		92.chn	1A66F	6.5	44	G14	7E+05	2E+06	11.6	0.5	0.2	0.86	1.0	0.03	1.62	0.5	0.02	1.5	14.0	0.6	0.09	8.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.4	0
5		19.CHN	30687	1	12.4	H14	7E+05	2E+06	8.7	1.0	0.3	1.21	1.0	0.04	1.42	1.0	0.04	2.0	12.0	0.7	0.07	12.0	0.02	0.46	2.0	0.03	0.0		0.0	0.0		0.0	7.8	0
5		99.chn	1A66F	6.5	44	H14	7E+05	2E+06	15.3	0.5	0.2	1.29	1.0	0.04	2.21	0.5	0.03	2.6	9.0	0.7	0.11	7.0	0.02	0.60	1.0	0.02	0.0		0.0	0.0		0.0	11.4	0
5		3.chn	40277	1	12.4	B15	7E+05	2E+06	7.3	2.0	0.4	0.70	2.0	0.04	1.12	1.0	0.03	1.5	20.0	0.9	0.09	13.0	0.03	0.36	2.0	0.02	0.0		0.0	0.0		0.0	6.8	0
5		29.chn	40293	1	12.4	B15	7E+05	2E+06	12.7	1.0	0.4	1.24	1.0	0.04	1.04	1.0	0.03	0.0		0.0	0.03	15.0	0.01	0.41	2.0	0.02	0.0		0.0	0.0		0.0	7.7	0
5		56.chn	1A66F	6.5	44	B15	7E+05	2E+06	11.6	0.5	0.2	0.82	1.0	0.02	0.91	1.0	0.03	1.1	17.0	0.6	0.06	9.0	0.02	0.34	1.0	0.01	0.0		0.0	0.0		0.0	6.3	0
5		3.CHN	30687	1	12.4	C15	7E+05	2E+06	7.5	1.0	0.2	0.82	1.0	0.02	1.25	1.0	0.04	2.1	17.0	1.1	0.07	13.0	0.03	0.61	1.0	0.02	0.0		0.0	0.0		0.0	6.4	0
5		161.chn	1A66F	6.5	44	C15	7E+05	2E+06	6.5	1.0	0.2	0.83	1.0	0.02	0.98	1.0	0.03	1.3	14.0	0.5	0.04	11.0	0.01	0.50	1.0	0.02	0.0		0.0	0.0		0.0	5.6	0
5		29.CHN	30687	1	12.4	D15	7E+05	2E+06	14.0	1.0	0.4	1.23	1.0	0.04	1.62	1.0	0.05	1.8	16.0	0.8	0.03	17.0	0.02	0.39	2.0	0.02	0.0		0.0	0.0		0.0	9.4	0
5	133.2	78.chn	1A66F	6.5	44	D15	7E+05	2E+06	12.5	0.5	0.2	0.85	1.0	0.03	1.43	1.0	0.04	1.6	13.0	0.6	0.10	7.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		18.CHN	40227	1	12.4	E15	7E+05	2E+06	17.6	1.0	0.5	1.68	1.0	0.05	2.38	1.0	0.07	2.9	15.0	1.3	0.07	12.0	0.03	0.50	1.0	0.02	0.0		0.0	0.0		0.0	13.0	0
5	133.2	79.chn	1A66F	6.5	44	E15	7E+05	2E+06	14.6	0.5	0.2	1.02	1.0	0.03	1.86	0.5	0.03	2.5	9.0	0.7	0.11	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	10.0	0
5		17.CHN	40293	1	12.4	F15	7E+05	2E+06	13.4	1.0	0.4	1.90	1.0	0.06	1.98	1.0	0.06	2.3	17.0	1.2	0.03	13.0	0.01	0.49	2.0	0.03	0.0		0.0	0.0		0.0	11.0	0
5		80.chn	1A66F	6.5	44	F15	7E+05	2E+06	13.2	0.5	0.2	1.01	1.0	0.03	1.81	0.5	0.03	2.3	9.0	0.6	0.11	6.0	0.02	0.42	1.0	0.01	0.0		0.0	0.0		0.0	9.4	0
5		12.CHN	30699	1	12.4	G15	7E+05	2E+06	12.1	1.0	0.4	1.82	1.0	0.05	1.97	1.0	0.06	1.9	20.0	1.1	0.05	12.0	0.02	0.47	2.0	0.03	0.0		0.0	0.0		0.0	10.6	0
5		81.chn	1A66F	6.5	44	G15	7E+05	2E+06	11.6	0.5	0.2	0.95	1.0	0.03	1.71	0.5	0.03	1.9	11.0	0.6	0.09	7.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.6	0
5		18.CHN	30687	1	12.4	H15	7E+05	2E+06	16.3	1.0	0.5	1.48	1.0	0.04	2.03	1.0	0.06	2.5	11.0	0.8	0.07	12.0	0.03	0.39	2.0	0.02	0.0		0.0	0.0		0.0	11.3	0
5		87.chn	1A66F	6.5	44	H15	7E+05	2E+06	14.9	0.5	0.2	1.14	1.0	0.03	1.83	0.5	0.03	2.1	11.0	0.7	0.09	7.0	0.02	0.37	1.0	0.01	0.0		0.0	0.0		0.0	10.0	0
5		2.chn	40293	1	12.4	B16	7E+05	2E+06	15.9	1.0	0.5	0.65	2.0	0.04	0.98	1.0	0.03	1.9	16.0	0.9	0.05	16.0	0.03	0.34	2.0	0.02	0.0		0.0	0.0		0.0	7.0	0
5		53.chn	1A66F	6.5	44	B16	7E+05	2E+06	11.3	0.5	0.2	0.61	1.0	0.02	0.76	1.0	0.02	1.5	25.0	1.1	0.04	11.0	0.01	0.27	1.0	0.01	0.0		0.0	0.0		0.0	5.7	0
5		2.CHN	30687	1	12.4	C16	7E+05	2E+06	4.5	1.0	0.1	0.64	2.0	0.04	0.85	1.0	0.03	1.4	15.0	0.6	0.04	19.0	0.02	0.72	1.0	0.02	0.0		0.0	0.0		0.0	4.7	0
5		129.chn	1A66F	6.5	44	C16	7E+05	2E+06	5.3	0.8	0.1	0.80	1.1	0.03	0.87	0.9	0.02	1.2	11.8	0.4	0.05	12.0	0.02	0.54	1.0	0.02	0.0		0.0	0.0		0.0	5.0	0
5		30.CHN	30687	1	12.4	D16	7E+05	2E+06	12.5	1.0	0.4	1.08	1.0	0.03	1.50	1.0	0.05	2.3	11.0	0.8	0.07	13.0	0.03	0.42	2.0	0.03	0.0		0.0	0.0		0.0	8.3	0
5	133.2	73.chn	1A66F	6.5	44	D16	7E+05	2E+06	12.6	0.5	0.2	1.03	1.0	0.03	1.36	1.0	0.04	1.5	14.0	0.6	0.09	7.0	0.02	0.32	1.0	0.01	0.0		0.0	0.0		0.0	8.4	0
5		8.CHN	30699	1	12.4	E16	7E+05	2E+06	14.5	1.0	0.4	1.12	1.0	0.03	1.91	1.0	0.06	2.2	18.0	1.2	0.11	11.0	0.04	0.39	2.0	0.02	0.0		0.0	0.0		0.0	9.9	0
5	133.2	74.chn	1A66F	6.5	44	E16	7E+05	2E+06	13.0	0.5	0.2	1.14	1.0	0.03	1.57	1.0	0.05	1.7	13.0	0.7	0.10	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	9.0	0
5		12.CHN	40293	1	12.4	F16	7E+05	2E+06	10.4	1.0	0.3	0.83	1.0	0.02	1.32	1.0	0.04	1.4	24.0	1.0	0.06	16.0	0.03	0.41	2.0	0.02	0.0		0.0	0.0		0.0	7.3	0
5		75.chn	1A66F	6.5	44	F16	7E+05	2E+06	11.4	0.5	0.2	1.11	1.0	0.03	1.38	1.0	0.04	1.8	11.0	0.6	0.10	6.0	0.02	0.40	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		12.CHN	40279	1	12.4	G16	7E+05	2E+06	12.6	1.0	0.4	1.09	1.0	0.03	1.82	1.0	0.05	2.6	10.0	0.8	0.08	123.0	0.30	0.41	2.0	0.02	0.0		0.0	0.0		0.0	9.4	0
5		84.chn	1A66F	6.5	44	G16	7E+05	2E+06	11.5	0.5	0.2	1.21	1.0	0.04	1.59	0.5	0.02	1.7	13.0	0.7	0.08	7.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	8.7	0
5		13.CHN	40227	1	12.4	H16	7E+05	2E+06	16.0	1.0	0.5	1.17	1.0	0.04	2.13	1.0	0.06	2.4	18.0	1.3	0.12	11.0	0.04	0.52	2.0	0.03	0.0		0.0	0.0		0.0	10.9	0
5		85.chn	1A66F	6.5	44	H16	7E+05	2E+06	13.0	0.5	0.2	1.13	1.0	0.03	1.73	0.5	0.03	1.8	12.0	0.6	0.09	7.0	0.02	0.39	1.0	0.01	0.0		0.0	0.0		0.0	9.4	0
5		1.CHN	30687	1	12.4	B17	7E+05	2E+06	7.6	1.0	0.2	0.68	1.0	0.02	1.03	1.0	0.03	1.8	17.0	0.9	0.04	18.0	0.02	0.75	1.0	0.02	0.0		0.0	0.0		0.0	5.8	0
5		52.chn	1A66F	6.5	44	B17	7E+05	2E+06	10.1	0.5	0.2	0.63	1.0	0.02	0.74	1.0	0.02	1.5	12.0	0.5	0.04	12.0	0.01	0.34	1.0	0.01	0.0		0.0	0.0		0.0	5.5	0
5		159.chn	1A66F	6.5	44	C17	7E+05	2E+06	4.3	1.0	0.1	0.56	1.0	0.02	0.61	1.0	0.02	1.3	14.0	0.5	0.03	16.0	0.01	0.38	1.0	0.01	0.0		0.0	0.0		0.0	3.7	0
5		25.CHN	30699	1	12.4	G17	7E+05	2E+06	12.5	1.0	0.4	1.51	1.0	0.05	1.67	1.0	0.05	1.7	21.0	1.1	0.06	12.0	0.02	0.46	2.0	0.03	0.0		0.0	0.0		0.0	9.5	0
5		31.CHN	40227	1	12.4	D17	7E+05	2E+06	12.8	1.0	0.4	1.57	1.0	0.05	1.75	1.0	0.05	2.2	12.0	0.8	0.06	12.0	0.02	0.49	2.0	0.03	0.0		0.0	0.0		0.0	9.9	0
5		67.chn	1A66F	6.5	44	D17	7E+05	2E+06	10.2	0.5	0.2	1.02	1.0	0.03	1.18	1.0	0.04	1.9	10.0	0.6	0.05	9.0	0.01	0.37	1.0	0.01	0.0		0.0	0.0		0.0	7.2	0
5		1.chn	40227	1	12.4	C17	7E+05	2E+06	5.6	1.0	0.2	0.72	1.0	0.02	1.03	1.0	0.03	1.5	14.0	0.6	0.04	19.0	0.02	0.83	1.0	0.02	0.0		0.0	0.0		0.0	5.5	0
5		6.CHN	30699	1	12.4	E17	7E+05	2E+06	14.2	1.0	0.4	1.22	1.0	0.04	1.84	1.0	0.06	2.0	19.0	1.2	0.07	13.0	0.03	0.55	2.0	0.03	0.0		0.0	0.0		0.0	9.9	0
5		68.chn	1A66F	6.5	44	E17	7E+05	2E+06	11.5	0.5	0.2	1.08	1.0	0.03	1.43	1.0	0.04	1.9	11.0	0.6	0.09	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	8.2	0
5		26.CHN	30699	1	12.4	F17	7E+05	2E+06	12.6	1.0	0.4	1.50	1.0	0.05	1.93	1.0	0.06	1.6	27.0	1.3	0.05	13.0	0.02	0.53	2.0	0.03	0.0		0.0	0.0		0.0	9.9	0
5		69.chn	1A66F	6.5	44	F17	7E+05	2E+06	10.7	0.5	0.2	1.09	1.0	0.03	1.38	1.0	0.04	1.6	13.0	0.6	0.07	8.0	0.02	0.38	1.0	0.01	0.0		0.0	0.0		0.0	8.1	0
5		70.chn	1A66F	6.5	44	G17	7E+05	2E+06	10.9	0.5	0.2	1.14	1.0	0.03	1.33	1.0	0.04	1.8	11.0	0.6	0.08	7.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	8.0	0
5		13.CHN	30687	1	12.4	H17	7E+05	2E+06	11.8	1.0	0.4	0.93	1.0	0.03	1.61	1.0	0.05	1.8	19.0	1.0	0.10	11.0	0.03	0.41	2.0	0.02	0.0		0.0	0.0		0.0	8.3	0
5		86.chn	1A66F	6.5	44	H17	7E+05	2E+06	10.8	0.5	0.2	0.97	1.0	0.03	1.42	1.0	0.04	1.7	12.0	0.6	0.07	8.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	7.7	0
5	115	10.txt	1093	1	12.6	W1	7E+05	2E+06	12.6	3.2	1.2	1.19	4.0	0.14	2.22	3.5	0.23	0.0		0.0	0.11	31.3	0.10	0.41	8.1	0.10	0.0		0.0	0.0		0.0	6.2	0
5	115	7.chn	45	7.5	53	A1	7E+05	2E+06	7.7	4.5	1.0	0.96	5.0	0.14	0.98	5.0	0.15	0.0		0.0	0.00		0.00	0.53	6.7	0.11	0.0		0.0	0.0		0.0	5.1	0
5	115	12.chn	45	7.5	53	B1	7E+05	2E+06	7.8	4.6	1.1	1.00	4.6	0.14	1.02	4.8	0.15	0.0		0.0	0.00		0.00	0.58	6.2	0.11	0.0		0.0	0.0		0.0	5.6	0

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	115	20.chn	45	7.5	53	C1	7E+05	2E+06	10.0	3.9	1.2	0.94	5.3	0.15	1.31	4.3	0.17	0.0		0.0	0.00		0.00	0.53	7.0	0.11	0.0		0.0	0.0		0.0	6.7	0
5	115	58.chn	45	7.5	53	D1	7E+05	2E+06	10.7	3.8	1.2	1.38	4.0	0.17	1.60	3.7	0.18	0.0		0.0	0.00		0.00	0.48	7.7	0.11	0.0		0.0	0.0		0.0	8.2	0
5		25.CHN	30687	1	12.4	B18	7E+05	2E+06	9.0	1.0	0.3	1.31	1.0	0.04	0.97	1.0	0.03	1.2	25.0	0.9	3.45	13.0	1.35	0.65	1.0	0.02	0.0		0.0	0.0		0.0	7.1	0
5		51.chn	1A66F	6.5	44	B18	7E+05	2E+06	8.3	1.0	0.2	0.69	1.0	0.02	0.84	1.0	0.03	1.3	10.0	0.4	0.04	11.0	0.01	0.45	1.0	0.01	0.0		0.0	0.0		0.0	5.5	0
5		2.chn	40227	1	12.4	C18	7E+05	2E+06	5.4	1.0	0.2	0.71	1.0	0.02	0.98	1.0	0.03	1.6	19.0	0.9	0.07	14.0	0.03	0.68	1.0	0.02	0.0		0.0	0.0		0.0	5.3	0
5		58.chn	1A66F	6.5	44	C18	7E+05	2E+06	6.7	1.0	0.2	0.69	1.0	0.02	0.74	1.0	0.02	1.1	13.0	0.4	0.04	10.0	0.01	0.39	1.0	0.01	0.0		0.0	0.0		0.0	5.0	0
5		31.CHN	30687	1	12.4	D18	7E+05	2E+06	13.5	1.0	0.4	1.02	1.0	0.03	1.60	1.0	0.05	1.7	22.0	1.1	0.07	13.0	0.03	0.40	2.0	0.02	0.0		0.0	0.0		0.0	8.8	0
5		61.chn	1A66F	6.5	44	D18	7E+05	2E+06	10.7	0.5	0.2	0.90	1.0	0.03	1.21	1.0	0.04	1.6	12.0	0.6	0.06	8.0	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	7.3	0
5		32.CHN	40227	1	12.4	E18	7E+05	2E+06	9.2	1.0	0.3	1.12	1.0	0.03	1.34	1.0	0.04	1.9	18.0	1.0	0.05	15.0	0.02	0.46	2.0	0.03	0.0		0.0	0.0		0.0	7.5	0
5		62.chn	1A66F	6.5	44	E18	7E+05	2E+06	9.1	0.5	0.1	0.85	1.0	0.03	1.10	1.0	0.03	1.4	13.0	0.5	0.05	10.0	0.01	0.35	1.0	0.01	0.0		0.0	0.0		0.0	6.5	0
5		12.chn	40227	1	12.4	F18	7E+05	2E+06	13.1	1.0	0.4	1.15	1.0	0.03	1.68	1.0	0.05	2.5	13.0	1.0	0.08	15.0	0.04	0.54	2.0	0.03	0.0		0.0	0.0		0.0	9.4	0
5		63.chn	1A66F	6.5	44	F18	7E+05	2E+06	10.8	0.5	0.2	0.93	1.0	0.03	1.28	1.0	0.04	1.7	12.0	0.6	0.08	8.0	0.02	0.39	1.0	0.01	0.0		0.0	0.0		0.0	7.5	0
5		10.CHN	40293	1	12.4	G18	7E+05	2E+06	15.3	1.0	0.5	1.07	1.0	0.03	1.02	1.0	0.03	2.1	12.0	0.8	0.04	16.0	0.02	0.15	4.0	0.02	0.0		0.0	0.0		0.0	7.6	0
5		64.chn	1A66F	6.5	44	G18	7E+05	2E+06	11.1	0.5	0.2	1.01	1.0	0.03	1.56	1.0	0.05	1.7	12.0	0.6	0.06	9.0	0.02	0.34	1.0	0.01	0.0		0.0	0.0		0.0	8.3	0
5	115	11.txt	1093	1	12.6	W2	7E+05	2E+06	13.5	3.1	1.3	1.30	3.8	0.15	2.09	2.6	0.16	4.8	21.4	3.1	0.10	30.4	0.09	0.53	6.3	0.10	0.0		0.0	0.0		0.0	6.6	0
5	115	19.chn	45	7.5	53	C2	7E+05	2E+06	11.1	3.8	1.3	0.92	5.4	0.15	1.41	4.0	0.17	5.2	26.8	4.2	0.00		0.00	0.34	9.7	0.10	0.0		0.0	0.0		0.0	6.7	0
5	115	8.chn	45	7.5	53	A2	7E+05	2E+06	9.1	4.1	1.1	1.09	4.6	0.15	1.09	4.6	0.15	0.0		4.1	0.00		0.00	0.54	6.7	0.11	0.0		0.0	0.0		0.0	6.3	0
5	115	13.chn	45	7.5	53	B2	7E+05	2E+06	9.6	4.1	1.2	1.01	4.8	0.15	1.08	4.8	0.16	0.0		4.1	0.00		0.00	0.37	9.0	0.10	0.0		0.0	0.0		0.0	5.7	0
5	115	57.chn	45	7.5	53	D2	7E+05	2E+06	11.2	3.7	1.2	1.19	4.5	0.16	1.33	4.4	0.18	0.0		4.1	0.00		0.00	0.50	7.3	0.11	0.0		0.0	0.0		0.0	7.5	0
5	115	20.txt	1093	1	12.6	W3	7E+05	2E+06	8.5	4.0	1.0	2.76	2.2	0.18	1.28	3.7	0.14	2.9	33.2	2.9	0.00		0.00	0.44	7.4	0.10	0.0		0.0	0.0		0.0	6.6	0
5	115	9.chn	45	7.5	53	A3	7E+05	2E+06	9.7	4.0	1.2	1.11	4.5	0.15	1.22	4.3	0.16	0.0		4.1	0.00		0.00	0.36	9.1	0.10	0.0		0.0	0.0		0.0	6.4	0
5	115	43.chn	45	7.5	53	B3	7E+05	2E+06	10.9	3.8	1.2	0.95	5.2	0.15	1.12	4.6	0.15	0.0		4.1	0.00		0.00	0.16	17.1	0.08	0.0		0.0	0.0		0.0	6.2	0
5	115	23.chn	45	7.5	53	C3	7E+05	2E+06	13.5	3.4	1.4	1.04	5.1	0.16	1.53	4.0	0.18	0.0		4.1	0.00		0.00	0.24	13.6	0.10	0.0		0.0	0.0		0.0	8.3	0
5	115	56.chn	45	7.5	53	D3	7E+05	2E+06	12.5	3.6	1.4	1.24	4.6	0.17	1.62	3.8	0.18	6.5	34.0	6.6	0.00		0.00	0.40	9.2	0.11	0.0		0.0	0.0		0.0	8.8	0
5	115	61.chn	45	1	2.6	P3	7E+05	2E+06	10.4	3.6	1.1	0.79	9.6	0.23	1.23	6.6	0.24	363.0	0.7	7.6	6.68	2.2	0.44	0.00		0.00	0.0		0.0	0.0		0.0	18.8	0
5	115	19.txt	1093	1	12.6	W4	7E+05	2E+06	12.3	3.3	1.2	3.47	1.9	0.20	1.57	3.4	0.16	0.0		0.0	0.00		0.00	0.34	9.1	0.09	0.0		0.0	0.0		0.0	8.7	0
5	115	62.chn	45	1	2.6	P4	7E+05	2E+06	11.0	3.4	1.1	0.82	5.6	0.14	1.10	4.6	0.15	3.5	29.6	3.1	0.15	29.3	0.13	0.17	15.7	0.08	0.0		0.0	0.0		0.0	4.3	0
5	115	63.chn	45	7.5	19.4	P4A	7E+05	2E+06	13.9	3.2	1.3	1.16	5.0	0.17	1.38	4.3	0.18	0.0		4.1	0.00		0.00	0.17	20.0	0.10	0.0		0.0	0.0		0.0	5.1	0
5	115	10.chn	45	7.5	53	A4	7E+05	2E+06	6.6	4.9	1.0	1.00	4.8	0.14	1.01	4.9	0.15	0.0		4.1	0.00		0.00	0.38	8.4	0.10	0.0		0.0	0.0		0.0	5.2	0
5	115	44.chn	45	7.5	53	B4	7E+05	2E+06	8.0	4.5	1.1	1.02	4.9	0.15	1.01	5.0	0.15	0.0		4.1	0.00		0.00	0.14	19.8	0.08	0.0		0.0	0.0		0.0	5.4	0
5	115	24.chn	45	7.5	53	C4	7E+05	2E+06	13.5	3.4	1.4	1.12	4.8	0.16	1.58	3.7	0.18	0.0		4.1	0.00		0.00	0.21	14.6	0.09	0.0		0.0	0.0		0.0	8.6	0
5	115	55.chn	45	7.5	53	D4	7E+05	2E+06	13.5	3.3	1.3	1.12	4.6	0.15	1.66	3.5	0.17	0.0		4.1	0.23	20.8	0.17	0.44	8.0	0.11	0.0		0.0	0.0		0.0	9.0	0
5	115	18.txt	1093	1	12.6	W5	7E+05	2E+06	11.8	3.3	1.2	0.94	4.3	0.12	1.20	3.7	0.13	0.0		0.0	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.8	0
5	115	11.chn	45	7.5	53	A5	7E+05	2E+06	7.8	4.5	1.1	1.00	4.7	0.14	0.94	5.2	0.15	0.0		4.1	0.00		0.00	0.13	19.8	0.07	0.0		0.0	0.0		0.0	5.6	0
5	115	45.chn	45	7.5	53	B5	7E+05	2E+06	11.4	3.7	1.3	1.07	4.9	0.16	1.34	4.2	0.17	0.0		4.1	0.00		0.00	0.14	20.2	0.09	0.0		0.0	0.0		0.0	6.5	0
5	115	40.chn	45	7.5	53	C5	7E+05	2E+06	14.7	3.2	1.4	1.12	4.9	0.16	1.35	4.3	0.17	0.0		4.1	0.19	28.1	0.16	0.14	20.3	0.09	0.0		0.0	0.0		0.0	7.8	0
5	115	54.chn	45	7.5	53	D5	7E+05	2E+06	12.6	3.4	1.3	1.02	5.0	0.15	1.37	4.1	0.17	0.0		4.1	0.15	32.5	0.15	0.32	9.7	0.09	0.0		0.0	0.0		0.0	8.2	0
5	115	27.chn	45	7.5	53	A6	7E+05	2E+06	9.0	4.1	1.1	1.01	4.8	0.15	1.04	4.9	0.15	0.0		4.1	0.00		0.00	0.10	23.7	0.07	0.0		0.0	0.0		0.0	5.5	0
5	115	46.chn	45	7.5	53	B6	7E+05	2E+06	9.1	4.1	1.1	0.96	5.0	0.14	1.06	4.8	0.15	0.0		4.1	0.00		0.00	0.23	12.1	0.08	0.0		0.0	0.0		0.0	6.0	0
5	115	39.chn	45	7.5	53	C6	7E+05	2E+06	12.2	3.6	1.3	0.95	5.2	0.15	1.32	4.2	0.17	0.0		4.1	0.00		0.00	0.16	17.5	0.08	0.0		0.0	0.0		0.0	7.3	0
5	115	53.chn	45	7.5	53	D6	7E+05	2E+06	12.9	3.5	1.4	1.00	5.0	0.15	1.40	4.1	0.17	0.0		4.1	0.00		0.00	0.13	21.9	0.08	0.0		0.0	0.0		0.0	7.5	0
5	115	17.txt	1093	1	12.6	W6	7E+05	2E+06	12.6	3.2	1.2	1.05	4.2	0.13	1.28	3.5	0.13	0.0		0.0	0.00		0.00	0.11	21.0	0.07	0.0		0.0	0.0		0.0	4.8	0
5	115	16.txt	1093	1	12.6	W7	7E+05	2E+06	13.4	3.0	1.2	0.99	4.3	0.13	1.29	3.5	0.14	0.0		0.0	0.12	28.2	0.10	0.09	24.8	0.07	0.0		0.0	0.0		0.0	4.8	0
5	115	28.chn	45	7.5	53	A7	7E+05	2E+06	10.1	3.9	1.2	1.10	4.5	0.15	0.95	5.4	0.15	0.0		4.1	0.00		0.00	0.11	20.1	0.07	0.0		0.0	0.0		0.0	6.2	0
5	115	47.chn	45	7.5	53	B7	7E+05	2E+06	10.8	3.8	1.2	0.97	5.0	0.15	1.15	4.7	0.16	9.7	28.1	8.2	0.17	29.7	0.15	0.10	27.4	0.08	0.0		0.0	0.0		0.0	6.7	0
5	115	38.chn	45	7.5	53	C7	7E+05	2E+06	12.3	3.5	1.3	0.99	5.1	0.15	1.17	4.6	0.16	0.0		4.1	0.00		0.00	0.11	24.0	0.08	0.0		0.0	0.0		0.0	6.3	0
5	115	52.chn	45	7.5	53	D7	7E+05	2E+06	13.4	3.4	1.4	1.04	5.1	0.16	1.26	4.4	0.17	0.0		4.1	0.00		0.00	0.13	16.2	0.09	0.0		0.0	0.0		0.0	7.4	0
5	115	29.chn	45	7.5	53	A8	7E+05	2E+06	11.4	3.7	1.3	1.06	4.8	0.15	1.03	5.0	0.15	0.0		4.1	0.15	30.1	0.14	0.00		0.00	0.0		0.0	0.0		0.0	6.2	0
5	115	31.chn	45	7.5	53	B8	7E+05	2E+06	11.3	3.7	1.3	0.88	5.4	0.14	1.00	5.2	0.16	11.1	19.1	6.4	0.20	27.5	0.16	0.10	27.9	0.08	0.0		0.0	0.0		0.0	5.8	0

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
5	115	37.chn	45	7.5	53	C8	7E+05	2E+06	11.5	3.7	1.3	0.96	5.1	0.15	1.16	4.6	0.16	5.8	24.4	4.2	0.21	25.2	0.16	0.08	34.0	0.08	0.0		0.0	0.0		0.0	6.3	0
5	115	65.chn	45	7.5	53	C8	7E+05	2E+06	10.1	3.7	1.1	1.04	5.0	0.16	0.98	5.4	0.16	6.6	14.9	3.0	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.3	0
5	115	51.chn	45	7.5	53	D8	7E+05	2E+06	13.2	3.4	1.3	1.13	4.6	0.16	1.36	4.2	0.17	0.0		4.1	0.26	22.1	0.17	0.21	14.3	0.09	0.0		0.0	0.0		0.0	7.6	0
5	115	15.txt	1093	1	12.6	W8	7E+05	2E+06	12.0	3.2	1.2	1.09	4.1	0.13	1.76	2.9	0.15	4.0	24.0	2.9	0.00		0.00	0.55	6.0	0.10	0.0		0.0	0.0		0.0	5.8	0
5	115	50.chn	45	7.5	53	D9	7E+05	2E+06	13.5	3.4	1.4	1.07	5.0	0.16	1.49	3.9	0.17	0.0		4.1	0.00		0.00	0.35	9.9	0.10	0.0		0.0	0.0		0.0	8.2	0
5	115	30.chn	45	7.5	53	A9	7E+05	2E+06	11.1	3.7	1.2	0.86	5.6	0.14	1.03	4.9	0.15	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.0	0
5	115	32.chn	45	7.5	53	B9	7E+05	2E+06	12.8	3.5	1.3	0.90	5.4	0.15	1.19	4.7	0.17	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	6.6	0
5	115	36.chn	45	7.5	53	C9	7E+05	2E+06	12.2	3.6	1.3	0.91	5.7	0.16	1.32	4.3	0.17	5.3	23.9	3.8	0.00		0.00	0.16	16.4	0.08	0.0		0.0	0.0		0.0	7.0	0
5	115	64.chn	45	7.5	19.4	C9	7E+05	2E+06	10.4	3.7	1.2	0.96	5.4	0.16	1.15	4.7	0.16	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	7.0	0
5	115	14.txt	1093	1	12.6	W9	7E+05	2E+06	14.8	2.9	1.3	1.06	4.3	0.14	1.73	3.0	0.16	0.0		0.0	0.21	19.9	0.13	0.52	6.4	0.10	0.0		0.0	0.0		0.0	6.3	0
5	115	16.chn	45	7.5	53	A10	7E+05	2E+06	8.1	4.5	1.1	0.82	5.6	0.14	0.91	5.4	0.15	0.0		4.1	0.00		0.00	0.00		0.00	0.0		0.0	0.0		0.0	4.9	0
5	115	33.chn	45	7.5	53	B10	7E+05	2E+06	12.9	3.5	1.4	0.91	5.6	0.15	1.33	4.3	0.17	5.9	24.3	4.3	0.00		0.00	0.12	23.4	0.08	0.0		0.0	0.0		0.0	7.5	0
5	115	35.chn	45	7.5	53	C10	7E+05	2E+06	12.4	3.5	1.3	1.11	4.8	0.16	1.41	4.2	0.18	0.0		4.1	0.27	21.2	0.17	0.10	26.3	0.08	0.0		0.0	0.0		0.0	7.6	0
5	115	49.chn	45	7.5	53	D10	7E+05	2E+06	14.0	3.3	1.4	1.17	4.7	0.16	1.53	4.0	0.18	0.0		4.1	0.23	24.5	0.17	0.41	8.6	0.11	0.0		0.0	0.0		0.0	8.4	0
5	115	13.txt	1093	1	12.6	W10	7E+05	2E+06	12.3	3.2	1.2	1.02	4.2	0.13	1.42	3.4	0.14	0.0		0.0	0.16	23.3	0.11	0.46	7.0	0.10	0.0		0.0	0.0		0.0	5.3	0
5	115	68.chn	45	7.5	19.4	P2	7E+05	2E+06	11.8	3.5	1.2	1.25	4.5	0.17	1.34	4.3	0.17	4.6	28.1	3.8	0.00		0.00	0.10	28.7	0.08	0.0		0.0	0.0		0.0	4.3	0
5	115	17.chn	45	7.5	53	A11	7E+05	2E+06	10.3	3.8	1.2	0.89	5.4	0.14	1.12	4.6	0.15	0.0		4.1	0.00		0.00	0.16	17.1	0.08	0.0		0.0	0.0		0.0	6.0	0
5	115	18.chn	45	7.5	53	B11	7E+05	2E+06	13.9	3.4	1.4	1.13	4.8	0.16	1.51	4.0	0.18	0.0		4.1	0.00		0.00	0.09	34.0	0.09	0.0		0.0	0.0		0.0	8.5	0
5	115	34.chn	45	7.5	53	C11	7E+05	2E+06	13.6	3.4	1.4	1.05	5.0	0.16	1.43	4.1	0.18	0.0		4.1	0.00		0.00	0.12	22.7	0.08	0.0		0.0	0.0		0.0	7.6	0
5	115	48.chn	45	7.5	53	D11	7E+05	2E+06	11.5	3.7	1.3	1.11	4.9	0.16	1.35	4.1	0.17	0.0		4.1	0.00		0.00	0.39	9.1	0.11	0.0		0.0	0.0		0.0	7.2	0
5	115	12.txt	1093	1	12.6	W11	7E+05	2E+06	14.1	3.0	1.3	1.13	4.1	0.14	1.59	3.2	0.15	4.4	22.4	3.0	0.00		0.00	0.52	6.1	0.10	0.0		0.0	0.0		0.0	5.9	0
5	209	110.chn	6A6	6.5	44	8H	7E+05	2E+06	9.1	0.4	0.1	0.66	0.7	0.01	0.85	0.6	0.02	1.9	6.2	0.3	0.09	5.9	0.02	0.50	0.8	0.01	0.0		0.0	0.0		0.0	5.5	0
6	156.2	313.chn	1A66F	6.5	44	G03	8E+05	2E+06	12.0	0.5	0.2	0.83	1.0	0.02	1.12	1.0	0.03	1.4	13.0	0.6	0.08	7.0	0.02	0.05	6.0	0.01	0.2	20.0	0.1	0.0		0.0	7.0	0
6	165	307.chn	1A66F	6.5	44	J03+25	8E+05	2E+06	14.8	0.5	0.2	0.82	1.0	0.02	1.04	1.0	0.03	1.6	12.0	0.6	0.07	8.0	0.02	0.05	6.0	0.01	0.4	11.0	0.1	0.0		0.0	7.1	0
6	165	308.chn	1A66F	6.5	44	J03+25	8E+05	2E+06	14.3	0.5	0.2	0.85	1.0	0.03	0.91	1.0	0.03	1.6	12.0	0.6	0.07	8.0	0.02	0.04	8.0	0.01	0.4	10.0	0.1	0.0		0.0	6.7	0
6	165	309.chn	1A66F	6.5	44	K03+25	8E+05	2E+06	14.2	0.5	0.2	0.88	1.0	0.03	0.82	1.0	0.02	1.8	11.0	0.6	0.06	8.0	0.02	0.03	9.0	0.01	0.5	8.0	0.1	0.0		0.0	6.4	0
6	156.2	268.chn	1A66F	6.5	44	F04	8E+05	2E+06	17.3	0.5	0.3	0.92	1.0	0.03	1.27	1.0	0.04	1.7	12.0	0.6	0.08	8.0	0.02	0.05	6.0	0.01	0.0		0.0	0.0		0.0	8.3	0
6	156.2	312.chn	1A66F	6.5	44	G04	8E+05	2E+06	12.4	0.5	0.2	0.90	1.0	0.03	1.20	1.0	0.04	1.3	16.0	0.6	0.07	8.0	0.02	0.06	5.0	0.01	0.2	21.0	0.1	0.0		0.0	7.2	0
6	156.2	314A.chn	1A66F	6.5	44	H04	8E+05	2E+06	12.5	1.0	0.4	0.81	1.0	0.02	1.15	1.0	0.03	2.0	16.0	1.0	0.06	16.0	0.03	0.09	6.0	0.02	0.4	21.0	0.2	0.0		0.0	7.0	0
6	156.2	317.chn	1A66F	6.5	44	I04	8E+05	2E+06	13.0	0.5	0.2	0.76	1.0	0.02	1.19	1.0	0.04	1.6	13.0	0.6	0.09	7.0	0.02	0.10	3.0	0.01	0.3	12.0	0.1	0.0		0.0	7.2	0
6	165	303.chn	1A66F	6.5	44	J04	8E+05	2E+06	12.5	0.5	0.2	0.79	1.0	0.02	1.13	1.0	0.03	1.5	13.0	0.6	0.07	8.0	0.02	0.25	1.0	0.01	1.0	4.0	0.1	0.0		0.0	6.9	0
6	165	302.chn	1A66F	6.5	44	J04	8E+05	2E+06	11.7	0.5	0.2	0.81	1.0	0.02	1.11	1.0	0.03	1.3	15.0	0.6	0.07	8.0	0.02	0.28	1.0	0.01	1.5	3.0	0.1	0.0		0.0	6.8	0
6	156.2	269.chn	1A66F	6.5	44	F05	8E+05	2E+06	11.6	0.5	0.2	0.72	1.0	0.02	1.05	1.0	0.03	1.3	15.0	0.6	0.07	9.0	0.02	0.08	4.0	0.01	0.0		0.0	0.0		0.0	6.3	0
6	156.2	323.chn	1A66F	6.5	44	G05	8E+05	2E+06	17.6	0.5	0.3	1.06	1.0	0.03	1.32	1.0	0.04	1.8	12.0	0.6	0.09	7.0	0.02	0.02	15.0	0.01	0.0		0.0	0.0		0.0	8.7	0
6	156.2	318.chn	1A66F	6.5	44	H05	8E+05	2E+06	12.5	0.5	0.2	0.80	1.0	0.02	1.15	1.0	0.03	1.5	13.0	0.6	0.09	7.0	0.02	0.09	3.0	0.01	0.4	11.0	0.1	0.0		0.0	7.1	0
6	165	304.chn	1A66F	6.5	44	I05	8E+05	2E+06	18.1	0.5	0.3	0.86	1.0	0.03	1.46	1.0	0.04	1.7	13.0	0.6	0.08	8.0	0.02	0.11	3.0	0.01	0.4	10.0	0.1	0.0		0.0	9.1	0
6	165	301.chn	1A66F	6.5	44	J05	8E+05	2E+06	14.9	0.5	0.2	0.75	1.0	0.02	0.97	1.0	0.03	1.4	14.0	0.6	0.08	8.0	0.02	0.07	4.0	0.01	0.4	11.0	0.1	0.0		0.0	6.9	0
6	156.2	252.chn	1A66F	6.5	44	F06	8E+05	2E+06	11.0	0.5	0.2	0.68	1.0	0.02	1.05	1.0	0.03	1.4	13.0	0.6	0.07	8.0	0.02	0.11	3.0	0.01	0.2	25.0	0.1	0.0		0.0	6.1	0
6	156.2	282.chn	1A66F	6.5	44	G06	8E+05	2E+06	17.0	0.5	0.3	0.80	1.0	0.02	1.21	1.0	0.04	1.7	12.0	0.6	0.05	10.0	0.02	0.01	26.0	0.01	0.0		0.0	0.0		0.0	7.8	0
6	156.2	324.chn	1A66F	6.5	44	H06	8E+05	2E+06	16.3	0.5	0.2	0.97	1.0	0.03	1.21	1.0	0.04	1.9	11.0	0.6	0.08	7.0	0.02	0.01	23.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	321.chn	1A66F	6.5	44	I06	8E+05	2E+06	14.5	0.5	0.2	0.72	1.0	0.02	1.19	1.0	0.04	1.4	14.0	0.6	0.07	8.0	0.02	0.09	3.0	0.01	0.3	15.0	0.1	0.0		0.0	7.4	0
6	156.2	251.chn	1A66F	6.5	44	F07	8E+05	2E+06	12.0	0.5	0.2	0.73	1.0	0.02	1.11	1.0	0.03	1.4	14.0	0.6	0.08	8.0	0.02	0.12	3.0	0.01	0.0		0.0	0.0		0.0	6.7	0
6	156.2	224.chn	1A66F	6.5	44	G07	8E+05	2E+06	11.7	0.5	0.2	0.81	1.0	0.02	1.04	1.0	0.03	1.6	11.0	0.5	0.06	9.0	0.02	0.02	12.0	0.01	0.1	29.0	0.1	0.0		0.0	8.2	0
6	156.2	283.chn	1A66F	6.5	44	H07	8E+05	2E+06	17.3	0.5	0.3	0.87	1.0	0.03	1.25	1.0	0.04	1.8	12.0	0.6	0.08	8.0	0.02	0.01	28.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	325.chn	1A66F	6.5	44	I07	8E+05	2E+06	16.8	0.5	0.3	0.89	1.0	0.03	1.22	1.0	0.04	1.5	14.0	0.6	0.08	8.0	0.02	0.02	18.0	0.01	0.0		0.0	0.0		0.0	7.9	0
6	156.2	322.chn	1A66F	6.5	44	J07	8E+05	2E+06	16.6	0.5	0.2	0.75	1.0	0.02	1.15	1.0	0.03	1.6	12.0	0.6	0.06	9.0	0.02	0.09	4.0	0.01	0.3	13.0	0.1	0.0		0.0	7.6	0
6	141	300.chn	1A66F	6.5	44	M07	8E+05	2E+06	18.6	0.5	0.3	0.77	1.0	0.02	1.09	1.0	0.03	1.6	13.0	0.6	0.07	8.0	0.02	0.03	9.0	0.01	0.3	14.0	0.1	0.0		0.0	8.0	0
6	156.2	270.chn	1A66F	6.5	44	E08	8E+05	2E+06	10.8	0.5	0.2	0.75	1.0	0.02	1.21	1.0	0.04	1.4	14.0	0.6	0.08	8.0	0.02	0.37	1.0	0.01	0.2	17.0	0.1	0.0		0.0	6.9	0
6	156.2	9.chn	1A62F6F	6.5	44	F08	8E+05	2E+06	11.9	0.5	0.2	0.89	1.0	0.03	1.16	1.0	0.03	1.4	16.0	0.7	0.09	8.0	0.02	0.08	4.0	0.01	0.2	28.0	0.1	0.0		0.0	6.8	0

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
6	156.2	223.chn	1A66F	6.5	44	G08	8E+05	2E+06	13.5	0.5	0.2	0.96	1.0	0.03	1.00	1.0	0.03	1.5	13.0	0.6	0.06	8.0	0.01	0.01	27.0	0.01	0.0		0.0	0.0		0.0	7.3	0
6	156.2	242.chn	1A66F	6.5	44	H08	8E+05	2E+06	14.0	0.5	0.2	0.79	1.0	0.02	1.09	1.0	0.03	1.6	12.0	0.6	0.09	7.0	0.02	0.02	12.0	0.01	0.0		0.0	0.0		0.0	6.9	0
6	156.2	243.chn	1A66F	6.5	44	I08	8E+05	2E+06	12.1	0.5	0.2	0.67	1.0	0.02	0.97	1.0	0.03	1.2	16.0	0.6	0.06	10.0	0.02	0.02	12.0	0.01	0.0		0.0	0.0		0.0	6.1	0
6	156.2	284.chn	1A66F	6.5	44	J08	8E+05	2E+06	17.6	0.5	0.3	0.86	1.0	0.03	1.29	1.0	0.04	1.7	12.0	0.6	0.06	9.0	0.02	0.03	12.0	0.01	0.2	24.0	0.1	0.0		0.0	8.3	0
6	141	295.chn	1A66F	6.5	44	K08	8E+05	2E+06	17.8	0.5	0.3	0.85	1.0	0.03	1.30	1.0	0.04	1.7	12.0	0.6	0.11	7.0	0.02	0.06	6.0	0.01	0.3	15.0	0.1	0.0		0.0	8.5	0
6	141	296.chn	1A66F	6.5	44	L08	8E+05	2E+06	19.4	0.5	0.3	0.80	1.0	0.02	1.27	1.0	0.04	2.0	10.0	0.6	0.09	8.0	0.02	0.06	6.0	0.01	0.3	12.0	0.1	0.0		0.0	8.5	0
6	141	297.chn	1A66F	6.5	44	M08	8E+05	2E+06	20.3	0.5	0.3	0.78	1.0	0.02	1.35	1.0	0.04	1.6	13.0	0.6	0.09	8.0	0.02	0.05	6.0	0.01	0.2	18.0	0.1	0.0		0.0	8.9	0
6	141	288.chn	1A66F	6.5	44	M09	8E+05	2E+06	17.6	0.5	0.3	0.88	1.0	0.03	1.29	1.0	0.04	1.7	13.0	0.6	0.09	7.0	0.02	0.08	4.0	0.01	0.5	9.0	0.1	0.0		0.0	8.4	0
6	156.2	287.chn	1A66F	6.5	44	N09	8E+05	2E+06	15.8	0.5	0.2	0.88	1.0	0.03	1.27	1.0	0.04	1.7	12.0	0.6	0.07	8.0	0.02	0.13	3.0	0.01	0.7	6.0	0.1	0.0		0.0	8.1	0
6	156.2	271.chn	1A66F	6.5	44	E09	8E+05	2E+06	10.2	0.5	0.2	0.74	1.0	0.02	1.15	1.0	0.03	1.7	8.0	0.4	0.07	9.0	0.02	0.24	2.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	281.chn	1A66F	6.5	44	E09	8E+05	2E+06	11.0	0.5	0.2	0.80	1.0	0.02	1.19	1.0	0.04	1.7	11.0	0.6	0.08	8.0	0.02	0.24	2.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	8.chn	1A62F6F	6.5	44	F09	8E+05	2E+06	11.9	0.5	0.2	0.93	1.0	0.03	1.13	1.0	0.03	1.5	14.0	0.6	0.09	7.0	0.02	0.07	5.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	280.chn	1A66F	6.5	44	G09	8E+05	2E+06	14.7	0.5	0.2	0.90	1.0	0.03	1.13	1.0	0.03	1.6	12.0	0.6	0.08	7.0	0.02	0.02	12.0	0.01	0.0		0.0	0.0		0.0	7.2	0
6	156.2	241.chn	1A66F	6.5	44	H09	8E+05	2E+06	17.2	0.5	0.3	0.75	1.0	0.02	1.16	1.0	0.03	1.3	15.0	0.6	0.06	9.0	0.02	0.03	10.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	237.chn	1A66F	6.5	44	I09	8E+05	2E+06	13.0	0.5	0.2	0.76	1.0	0.02	1.13	1.0	0.03	1.5	13.0	0.6	0.08	8.0	0.02	0.06	5.0	0.01	0.2	17.0	0.1	0.0		0.0	7.0	0
6	141	294.chn	1A66F	6.5	44	J09	8E+05	2E+06	11.6	0.5	0.2	0.75	1.0	0.02	1.14	1.0	0.03	1.5	13.0	0.6	0.08	8.0	0.02	0.11	3.0	0.01	0.4	11.0	0.1	0.0		0.0	6.6	0
6	141	290.chn	1A66F	6.5	44	K09	8E+05	2E+06	12.5	0.5	0.2	0.77	1.0	0.02	1.25	1.0	0.04	1.6	12.0	0.6	0.10	7.0	0.02	0.16	2.0	0.01	0.3	13.0	0.1	0.0		0.0	7.2	0
6	141	289.chn	1A66F	6.5	44	L09	8E+05	2E+06	13.5	0.5	0.2	0.80	1.0	0.02	1.30	1.0	0.04	1.7	12.0	0.6	0.09	7.0	0.02	0.24	2.0	0.01	0.8	5.0	0.1	0.0		0.0	7.7	0
6	156.2	293.chn	1A66F	6.5	44	O09	8E+05	2E+06	15.3	0.5	0.2	0.90	1.0	0.03	1.17	1.0	0.04	1.6	13.0	0.6	0.09	7.0	0.02	0.16	2.0	0.01	0.4	9.0	0.1	0.0		0.0	7.9	0
6	156.2	259.chn	1A66F	6.5	44	E10	8E+05	2E+06	10.3	0.5	0.2	0.65	1.0	0.02	0.95	1.0	0.03	1.3	14.0	0.6	0.06	9.0	0.02	0.11	3.0	0.01	0.2	26.0	0.1	0.0		0.0	5.8	0
6	156.2	7.chn	1A62F6F	6.5	44	F10	8E+05	2E+06	12.1	0.5	0.2	0.94	1.0	0.03	1.10	1.0	0.03	1.6	13.0	0.6	0.07	9.0	0.02	0.05	7.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	227.chn	1A66F	6.5	44	G10	8E+05	2E+06	12.2	0.5	0.2	0.76	1.0	0.02	0.94	1.0	0.03	1.6	9.0	0.4	0.05	10.0	0.01	0.02	11.0	0.01	0.0		0.0	0.0		0.0	6.3	0
6	156.2	231.chn	1A66F	6.5	44	H10	8E+05	2E+06	12.6	0.5	0.2	0.79	1.0	0.02	1.15	1.0	0.03	1.5	13.0	0.6	0.06	9.0	0.02	0.08	4.0	0.01	0.2	18.0	0.1	0.0		0.0	6.8	0
6	156.2	275.chn	1A66F	6.5	44	D11	8E+05	2E+06	11.4	0.5	0.2	0.79	1.0	0.02	1.10	1.0	0.03	1.7	11.0	0.6	0.08	7.0	0.02	0.21	2.0	0.01	0.1	35.0	0.1	0.0		0.0	6.7	0
6	156.2	258.chn	1A66F	6.5	44	E11	8E+05	2E+06	10.4	0.5	0.2	0.81	1.0	0.02	1.01	1.0	0.03	1.4	13.0	0.5	0.09	7.0	0.02	0.09	3.0	0.01	0.0		0.0	0.0		0.0	6.0	0
6	156.2	3.chn	1A62F6F	6.5	44	F11	8E+05	2E+06	12.6	0.5	0.2	0.74	1.0	0.02	0.92	1.0	0.03	1.3	17.0	0.6	0.07	10.0	0.02	0.03	11.0	0.01	0.0		0.0	0.0		0.0	6.1	0
6	156.2	228.chn	1A66F	6.5	44	G11	8E+05	2E+06	13.1	0.5	0.2	1.02	1.0	0.03	1.19	1.0	0.04	1.5	13.0	0.6	0.07	7.0	0.02	0.04	7.0	0.01	0.0		0.0	0.0		0.0	7.4	0
6	156.2	230.chn	1A66F	6.5	44	H11	8E+05	2E+06	11.0	0.5	0.2	0.79	1.0	0.02	1.10	1.0	0.03	1.4	14.0	0.6	0.08	8.0	0.02	0.17	2.0	0.01	0.2	22.0	0.1	0.0		0.0	6.4	0
6	156.2	256.chn	1A66F	6.5	44	D12	8E+05	2E+06	10.7	0.5	0.2	0.92	1.0	0.03	0.91	1.0	0.03	1.3	18.0	0.7	0.06	9.0	0.02	0.09	3.0	0.01	0.0		0.0	0.0		0.0	8.0	0
6	156.2	257.chn	1A66F	6.5	44	E12	8E+05	2E+06	11.9	0.5	0.2	0.92	1.0	0.03	1.09	1.0	0.03	1.6	12.0	0.6	0.08	7.0	0.02	0.06	5.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	1.chn	1A62F6F	6.5	44	F12	8E+05	2E+06	14.9	0.5	0.2	0.85	1.0	0.03	1.21	1.0	0.04	1.4	16.0	0.7	0.08	9.0	0.02	0.04	8.0	0.01	0.0		0.0	0.0		0.0	7.5	0
6	156.2	229.chn	1A66F	6.5	44	G12	8E+05	2E+06	11.6	0.5	0.2	0.89	1.0	0.03	1.09	1.0	0.03	1.5	13.0	0.6	0.07	7.0	0.02	0.08	4.0	0.01	0.0		0.0	0.0		0.0	6.7	0
6	156.2	255.chn	1A66F	6.5	44	D13	8E+05	2E+06	11.5	0.5	0.2	0.98	1.0	0.03	1.03	1.0	0.03	1.4	14.0	0.6	0.07	7.0	0.02	0.09	4.0	0.01	0.0		0.0	0.0		0.0	8.3	0
6	156.2	262.chn	1A66F	6.5	44	E13	8E+05	2E+06	13.3	0.5	0.2	0.94	1.0	0.03	1.10	1.0	0.03	1.3	15.0	0.6	0.07	8.0	0.02	0.07	4.0	0.01	0.0		0.0	0.0		0.0	7.3	0
6	156.2	2.chn	1A62F6F	6.5	44	F13	8E+05	2E+06	11.1	0.5	0.2	0.77	1.0	0.02	1.07	1.0	0.03	1.4	15.0	0.6	0.08	8.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	6.2	0
6	156.2	274.chn	1A66F	6.5	44	C14	8E+05	2E+06	10.8	0.5	0.2	0.77	1.0	0.02	1.15	1.0	0.03	1.5	12.0	0.5	0.10	7.0	0.02	0.30	1.0	0.01	0.1	30.0	0.1	0.0		0.0	6.4	0
6	156.2	6.chn	1A62F6F	6.5	44	D14	8E+05	2E+06	11.8	0.5	0.2	0.98	1.0	0.03	1.10	1.0	0.03	1.3	16.0	0.6	0.07	9.0	0.02	0.11	3.0	0.01	0.0		0.0	0.0		0.0	6.8	0
6	156.2	276.chn	1A66F	6.5	44	E14	8E+05	2E+06	11.7	0.5	0.2	0.80	1.0	0.02	1.08	1.0	0.03	1.5	13.0	0.6	0.08	7.0	0.02	0.20	2.0	0.01	0.1	31.0	0.1	0.0		0.0	6.6	0
6	156.2	265.chn	1A66F	6.5	44	C15	8E+05	2E+06	10.2	0.5	0.2	0.70	1.0	0.02	1.16	1.0	0.03	1.2	16.0	0.6	0.08	8.0	0.02	0.46	1.0	0.01	0.2	21.0	0.1	0.0		0.0	6.7	0
6	156.2	263.chn	1A66F	6.5	44	D15	8E+05	2E+06	12.1	0.5	0.2	0.95	1.0	0.03	1.14	1.0	0.03	1.6	13.0	0.6	0.08	7.0	0.02	0.18	2.0	0.01	0.0		0.0	0.0		0.0	7.1	0
6	156.2	277.chn	1A66F	6.5	44	E15	8E+05	2E+06	10.4	0.5	0.2	0.75	1.0	0.02	1.18	1.0	0.04	1.4	13.0	0.5	0.08	8.0	0.02	0.44	1.0	0.01	0.2	26.0	0.1	0.0		0.0	6.7	0
6	156.2	264.chn	1A66F	6.5	44	D16	8E+05	2E+06	10.1	0.5	0.2	0.85	1.0	0.03	1.10	1.0	0.03	1.3	14.0	0.6	0.08	7.0	0.02	0.35	1.0	0.01	0.2	20.0	0.1	0.0		0.0	6.6	0
8	172	178.chn	4A6	6.5	44	4T	7E+05	2E+06	19.8	0.3	0.2	0.86	0.7	0.02	1.21	0.6	0.02	1.7	8.3	0.4	0.05	9.0	0.01	0.01	18.7	0.01	0.0		0.0	0.0		0.0	9.1	50
8	172	180.chn	4A6	6.5	44	4V	7E+05	2E+06	16.1	0.3	0.1	0.76	0.7	0.02	1.00	0.6	0.02	2.1	6.0	0.4	0.07	7.0	0.02	0.01	19.7	0.01	0.1	30.4	0.1	0.0		0.0	7.4	0
8	172	179.chn	4A6	6.5	44	4U	7E+05	2E+06	17.4	0.3	0.2	0.79	0.7	0.02	1.06	0.6	0.02	1.8	7.2	0.4	0.04	10.0	0.01	0.01	23.0	0.01	0.0		0.0	0.0		0.0	8.1	40
8	172	177.chn	4A6	6.5	44	4S	7E+05	2E+06	22.0	0.3	0.2	0.94	0.7	0.02	1.33	0.5	0.02	2.0	7.2	0.4	0.09	7.0	0.02	0.02	13.7	0.01	0.0		0.0	0.0		0.0	9.9	50
8	172	36.chn	6A6	6.5	44	6X	8E+05	2E+06	15.7	0.3	0.1	0.87	0.7	0.02	1.05	0.6	0.02	2.3	5.9	0.4	0.09	6.1	0.02	0.01	21.2	0.01	0.0		0.0	0.0		0.0	7.5	0
8	172	174.chn	4A6	6.5	44	4R	7E+05	2E+06	20.3	0.3	0.2	0.93	0.6	0.02	1.30	0.5	0.02	2.1	6.7	0.4	0.06	8.0	0.01	0.01	19.7	0.01	0.8	4.9	0.1	0.0		0.0	9.6	0
8	172	37.chn	6A6	6.5	44	6Y	8E+05	2E+06	17.1	0.3	0.2	0.94	0.6	0.02	1.28	0.5	0.02	2.2	6.2	0.4	0.08	7.1	0.02	0.04	7.4	0.01	0.0		0.0	0.0		0.0	8.5	0

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
8	172	173.chn	4A6	6.5	44	4Q	7E+05	2E+06	20.9	0.3	0.2	0.95	0.6	0.02	1.35	0.5	0.02	2.0	7.0	0.4	0.05	8.0	0.01	0.04	7.6	0.01	5.1	0.9	0.1	0.0		0.0	9.7	0
8	172	38.chn	6A6	6.5	44	6Z	8E+05	2E+06	18.7	0.3	0.2	0.96	0.6	0.02	1.46	0.5	0.02	2.3	6.0	0.4	0.09	6.7	0.02	0.04	7.5	0.01	0.0		0.0	0.0		0.0	9.3	0
8	172	39.chn	6A6	6.5	44	7A	8E+05	2E+06	16.0	0.3	0.1	0.89	0.7	0.02	1.24	0.5	0.02	2.4	5.7	0.4	0.09	6.6	0.02	0.10	3.0	0.01	0.0		0.0	0.0		0.0	8.1	0
8	172	171.chn	4A6	6.5	44	4P	7E+05	2E+06	22.7	0.3	0.2	1.16	0.6	0.02	2.15	0.4	0.03	2.7	5.7	0.5	0.08	7.0	0.02	0.01	25.5	0.01	10.6	0.5	0.2	0.0		0.0	12.5	0
8	172	42.chn	6A6	6.5	44	7B	8E+05	2E+06	17.4	0.3	0.2	0.95	0.6	0.02	1.35	0.5	0.02	1.9	7.3	0.4	0.08	7.1	0.02	0.04	7.3	0.01	0.0		0.0	0.0		0.0	8.7	0
8	172	172.chn	4A6	6.5	44	4O	7E+05	2E+06	19.7	0.3	0.2	1.02	0.6	0.02	1.54	0.5	0.02	3.3	4.6	0.5	0.08	7.0	0.02	0.01	26.1	0.01	19.1	0.3	0.2	0.5	26.9	0.4	10.3	0
8	172	45.chn	6A6	6.5	44	7C	8E+05	2E+06	19.7	0.3	0.2	1.10	0.6	0.02	1.44	0.5	0.02	2.6	5.7	0.4	0.10	5.9	0.02	0.04	7.4	0.01	0.0		0.0	0.0		0.0	9.6	0
8	172	46.chn	6A6	6.5	44	7D	8E+05	2E+06	20.1	0.3	0.2	0.96	0.6	0.02	1.35	0.5	0.02	2.2	6.6	0.4	0.08	7.3	0.02	0.01	25.7	0.01	0.0		0.0	0.0		0.0	9.3	10
8		183.chn	4A6	6.5	44	4W	7E+05	2E+06	18.4	0.3	0.2	1.03	0.6	0.02	1.15	0.6	0.02	5.8	2.6	0.5	0.07	8.0	0.02	0.00		0.00	0.0		0.0	0.0		0.0	8.9	50
8		186.chn	4A6	6.5	44	4Z	7E+05	2E+06	21.4	0.3	0.2	1.25	0.5	0.02	1.91	0.4	0.02	3.3	4.7	0.5	0.07	7.0	0.01	0.01	45.0	0.01	0.0		0.0	0.0		0.0	11.6	10
8		185.chn	4A6	6.5	44	4Y	7E+05	2E+06	19.9	0.3	0.2	1.22	0.5	0.02	1.84	0.4	0.02	3.2	4.7	0.5	0.06	8.0	0.02	0.01	35.0	0.01	0.0		0.0	0.0		0.0	11.2	40
8		184.chn	4A6	6.5	44	4X	7E+05	2E+06	19.4	0.3	0.2	1.16	0.6	0.02	1.81	0.4	0.02	2.6	5.6	0.4	0.06	8.0	0.01	0.01	29.7	0.01	0.0		0.0	0.0		0.0	10.8	40
8	172	169.chn	4A6	6.5	44	4N	7E+05	2E+06	19.7	0.3	0.2	1.00	0.6	0.02	1.51	0.5	0.02	2.4	6.2	0.4	0.05	9.0	0.01	0.01	39.0	0.01	0.0		0.0	0.0		0.0	10.1	50
8	172	166.chn	4A6	6.5	44	4M	7E+05	2E+06	16.3	0.3	0.1	1.14	0.5	0.02	0.97	0.7	0.02	3.0	4.7	0.4	0.06	7.0	0.01	0.01	18.8	0.01	0.0		0.0	0.0		0.0	8.2	10
8	172	130.chn	4A6	6.5	44	3O	7E+05	2E+06	15.7	0.3	0.1	1.00	0.6	0.02	0.86	0.8	0.02	7.1	2.1	0.4	0.07	7.0	0.02	0.00		0.00	0.1	29.4	0.1	0.0		0.0	7.9	0
8	172	129.chn	4A6	6.5	44	3N	7E+05	2E+06	16.1	0.3	0.1	0.82	0.7	0.02	0.99	0.7	0.02	9.5	1.7	0.5	0.09	8.0	0.02	0.04	7.6	0.01	0.2	17.7	0.1	0.0		0.0	8.2	0
8	172	128.chn	4A6	6.5	44	3M	7E+05	2E+06	16.1	0.3	0.1	0.80	0.7	0.02	0.99	0.6	0.02	4.7	3.1	0.4	0.07	8.0	0.02	0.06	4.5	0.01	0.3	14.6	0.1	0.0		0.0	7.5	0
8	172	118.chn	4A6	6.5	44	3K	7E+05	2E+06	20.3	0.3	0.2	0.92	0.6	0.02	1.20	0.6	0.02	2.4	6.1	0.4	0.05	9.0	0.01	0.03	9.5	0.01	0.3	15.5	0.1	0.0		0.0	9.2	0
8	172	117.chn	4A6	6.5	44	3J	7E+05	2E+06	12.2	0.4	0.1	0.83	0.7	0.02	0.86	0.7	0.02	1.5	8.6	0.4	0.05	8.0	0.01	0.10	2.9	0.01	1.4	2.9	0.1	0.0		0.0	6.5	0
8	172	116.chn	4A6	6.5	44	3I	7E+05	2E+06	12.1	0.4	0.1	0.89	0.6	0.02	0.91	0.7	0.02	1.6	8.1	0.4	0.05	9.0	0.01	0.11	2.5	0.01	3.4	1.2	0.1	0.0		0.0	6.7	0
8	150.1	49.chn	6A6	6.5	44	7E	8E+05	2E+06	21.9	0.3	0.2	0.91	0.7	0.02	1.52	0.5	0.02	2.4	6.1	0.4	0.07	7.8	0.02	0.01	27.6	0.01	0.0		0.0	0.0		0.0	9.8	20
8	150.1	50.chn	6A6	6.5	44	7F	8E+05	2E+06	23.7	0.3	0.2	0.95	0.7	0.02	1.66	0.5	0.02	2.4	6.2	0.5	0.10	6.7	0.02	0.01	43.0	0.01	0.0		0.0	0.0		0.0	10.7	15
8	150.1	51.chn	6A6	6.5	44	7G	8E+05	2E+06	20.9	0.3	0.2	0.85	0.7	0.02	1.65	0.4	0.02	2.3	6.3	0.4	0.06	8.4	0.02	0.01	32.1	0.01	0.0		0.0	0.0		0.0	9.7	25
8	150.1	54.chn	6A6	6.5	44	7FB	8E+05	2E+06	21.8	0.3	0.2	1.02	0.6	0.02	1.55	0.5	0.02	1.7	12.6	0.6	0.07	7.3	0.02	0.00		0.00	0.0		0.0	0.0		0.0	10.2	20
8	150.1	55.chn	6A6	6.5	44	7H	8E+05	2E+06	19.9	0.3	0.2	0.92	0.7	0.02	1.50	0.5	0.02	1.5	13.6	0.6	0.06	8.7	0.02	0.02	12.5	0.01	0.5	8.5	0.1	2.7	5.5	0.5	9.6	50
8	172	56.chn	6A6	6.5	44	7I	8E+05	2E+06	20.5	0.3	0.2	0.96	0.7	0.02	1.64	0.5	0.02	1.8	12.2	0.7	0.06	9.5	0.02	0.08	4.1	0.01	1.2	3.7	0.1	8.8	1.9	0.5	10.3	20
8	139.1N	65.chn	6A6	6.5	44	7M	8E+05	2E+06	19.0	0.3	0.2	0.96	0.6	0.02	1.42	0.5	0.02	1.4	14.5	0.6	0.08	7.1	0.02	0.01	20.3	0.01	0.2	23.3	0.1	0.0		0.0	9.0	40
8	139.1N	66.chn	6A6	6.5	44	7N	8E+05	2E+06	20.5	0.3	0.2	0.98	0.6	0.02	1.47	0.5	0.02	1.7	12.3	0.6	0.06	8.2	0.01	0.01	20.9	0.01	0.3	15.4	0.1	0.0		0.0	9.6	30
8	118.1	67.chn	6A6	6.5	44	7O	8E+05	2E+06	15.3	0.3	0.1	0.88	0.7	0.02	1.23	0.5	0.02	2.0	6.7	0.4	0.08	7.3	0.02	0.03	8.2	0.01	0.2	15.3	0.1	1.3	10.2	0.4	7.9	60
8	150.2	68.chn	6A6	6.5	44	7P	8E+05	2E+06	15.2	0.3	0.1	0.81	0.7	0.02	1.09	0.6	0.02	2.0	6.6	0.4	0.06	8.5	0.01	0.02	14.6	0.01	0.0		0.0	0.0		0.0	7.3	20
8	150.2	71.chn	6A6	6.5	44	7Q	8E+05	2E+06	17.4	0.3	0.2	0.82	0.7	0.02	1.25	0.5	0.02	2.2	6.1	0.4	0.08	7.2	0.02	0.02	11.4	0.01	0.0		0.0	0.0		0.0	8.1	15
8	150.3	74.chn	6A6	6.5	44	7R	8E+05	2E+06	15.7	0.3	0.1	0.83	0.7	0.02	1.14	0.6	0.02	2.0	9.8	0.6	0.10	6.9	0.02	0.24	1.5	0.01	0.8	5.1	0.1	11.4	1.4	0.5	7.9	35
8	150.3	72.chn	6A6	6.5	44	7S	8E+05	2E+06	14.8	0.3	0.1	0.82	0.7	0.02	1.22	0.6	0.02	1.8	10.9	0.6	0.09	7.7	0.02	0.44	0.9	0.01	1.5	3.0	0.1	13.7	1.2	0.5	8.2	10
8	138	73.chn	6A6	6.5	44	7T	8E+05	2E+06	16.8	0.3	0.2	0.86	0.7	0.02	1.36	0.5	0.02	1.8	11.1	0.6	0.09	6.5	0.02	0.02	13.5	0.01	3.0	1.4	0.1	0.0		0.0	8.2	30
8	138	74.chn	6A6	6.5	44	7U	8E+05	2E+06	16.7	0.3	0.2	0.90	0.7	0.02	1.39	0.5	0.02	1.8	10.8	0.6	0.08	7.0	0.02	0.02	16.4	0.01	2.8	1.5	0.1	0.0		0.0	8.5	60
8	123.1	80.chn	6A6	6.5	44	7V	7E+05	2E+06	21.4	0.3	0.2	1.03	0.6	0.02	1.44	0.5	0.02	5.2	4.3	0.7	0.09	6.8	0.02	0.00		0.00	0.1	47.0	0.1	0.0		0.0	9.8	20
8	123.1	81.chn	6A6	6.5	44	7W	7E+05	2E+06	22.1	0.3	0.2	1.05	0.6	0.02	1.56	0.5	0.02	4.2	5.3	0.7	0.08	7.1	0.02	0.01	44.0	0.01	0.0		0.0	0.0		0.0	10.1	0
8	123.1	82.chn	6A6	6.5	44	7X	7E+05	2E+06	22.7	0.3	0.2	1.00	0.6	0.02	1.62	0.5	0.02	5.6	4.1	0.7	0.07	7.6	0.02	0.01	43.0	0.01	0.0		0.0	0.0		0.0	10.4	0
8	123.1	83.chn	6A6	6.5	44	7Y	7E+05	2E+06	22.2	0.3	0.2	0.97	0.7	0.02	1.55	0.5	0.02	4.4	5.1	0.7	0.10	6.3	0.02	0.01	49.0	0.01	0.0		0.0	0.0		0.0	10.1	0
8	150.6	86.chn	6A6	6.5	44	7Z	8E+05	2E+06	18.1	0.3	0.2	0.88	0.7	0.02	1.61	0.5	0.02	2.3	6.4	0.4	0.08	7.5	0.02	0.02	17.1	0.01	0.8	5.1	0.1	0.0		0.0	9.3	30
8	150.6	87.chn	6A6	6.5	44	8A	8E+05	2E+06	21.4	0.3	0.2	1.03	0.6	0.02	1.48	0.5	0.02	2.0	10.5	0.6	0.10	6.3	0.02	0.01	27.6	0.01	2.0	2.1	0.1	0.0		0.0	9.8	35
8	150.6	88.chn	6A6	6.5	44	8B	8E+05	2E+06	22.5	0.3	0.2	1.07	0.6	0.02	1.55	0.5	0.02	2.1	10.2	0.6	0.09	6.8	0.02	0.00		0.00	0.0		0.0	0.0		0.0	10.4	65
8	184	89.chn	6A6	6.5	44	8C	7E+05	2E+06	19.4	0.3	0.2	1.03	0.6	0.02	1.53	0.5	0.02	1.7	11.6	0.6	0.09	6.7	0.02	0.01	44.0	0.01	0.0		0.0	0.0		0.0	9.5	40
8	150.8	86.chn	6A6	6.5	44	7Z	8E+05	2E+06	18.1	0.3	0.2	0.88	0.7	0.02	1.61	0.5	0.02	2.3	6.4	0.4	0.08	7.5	0.02	0.02	17.1	0.01	0.8	5.1	0.1	0.0		0.0	9.3	30
8	150.8	87.chn	6A6	6.5	44	8A	8E+05	2E+06	21.4	0.3	0.2	1.03	0.6	0.02	1.48	0.5	0.02	2.0	10.5	0.6	0.10	6.3	0.02	0.01	27.6	0.01	2.0	2.1	0.1	0.0		0.0	9.8	35
8	150.8	88.chn	6A6	6.5	44	8B	8E+05	2E+06	22.5	0.3	0.2	1.07	0.6	0.02	1.55	0.5	0.02	2.1	10.2	0.6	0.09	6.8	0.02	0.00		0.00	0.0		0.0	0.0		0.0	10.4	65
8	150.4	105.chn	6A6	6.5	44	8E	8E+05	2E+06	14.6	0.3	0.1	0.85	0.7	0.02	0.79	0.8	0.02	1.6	8.3	0.4	0.05	8.7	0.01	0.01	48.0	0.01	0.2	20.8	0.1	0.5	40.0	0.5	6.8	30
8	150.7	106.chn	6A6	6.5	44	8F	8E+05	2E+06	19.5	0.3	0.2	1.02	0.6	0.02	1.70	0.5	0.03	1.9	10.8	0.6	0.07	8.1	0.02	0.01	24.5	0.01	1.1	3.4	0.1	6.4	2.5	0.5	10.5	60
8	118.2	106.chn	6A6	6.5	44	8F	8E+05	2E+06	19.5	0.3	0.2	1.02	0.6	0.02	1.70	0.5	0.03	1.9	10.8	0.6	0.07	8.1	0.02	0.01	24.5	0.01	1.1	3.4	0.1	6.4	2.5	0.5	10.5	60

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
8	150.7	107.chn	6A6	6.5	44	8G	8E+05	2E+06	18.2	0.3	0.2	0.95	0.7	0.02	1.59	0.5	0.02	2.0	10.0	0.6	0.08	7.6	0.02	0.01	21.0	0.01	0.4	8.3	0.1	0.8	19.0	0.4	9.5	60
8	172	161.chn	6A6	6.5	44	9L	8E+05	2E+06	16.0	0.3	0.1	0.89	0.7	0.02	1.45	0.5	0.02	1.8	11.0	0.6	0.08	6.9	0.02	0.07	4.3	0.01	0.0		0.0	0.0		0.0	8.5	0
9		113.chn	6A6	6.5	44	8I	7E+05	2E+06	17.2	0.3	0.2	0.81	0.7	0.02	1.31	0.5	0.02	1.8	10.3	0.6	0.08	7.4	0.02	0.02	17.9	0.01	0.0		0.0	0.0		0.0	8.1	40
9	122	114.chn	6A6	6.5	44	8J	7E+05	2E+06	17.8	0.3	0.2	0.89	0.7	0.02	1.38	0.5	0.02	1.7	11.6	0.6	0.06	8.0	0.02	0.03	10.9	0.01	0.0		0.0	0.0		0.0	8.5	60
9	159	147.chn	6A6	6.5	44	9D	8E+05	2E+06	16.8	0.3	0.2	0.87	0.7	0.02	1.35	0.5	0.02	1.8	11.1	0.6	0.06	8.8	0.02	0.01	19.4	0.01	11.5	0.5	0.2	4.3	3.3	0.4	8.7	70
9	159	150.chn	6A6	6.5	44	9E	8E+05	2E+06	17.3	0.3	0.2	0.87	0.7	0.02	1.45	0.5	0.02	1.6	12.5	0.6	0.08	7.4	0.02	0.01	20.4	0.01	31.1	0.2	0.2	4.2	3.4	0.4	9.0	70
9	132	151.chn	6A6	6.5	44	9F	8E+05	2E+06	14.6	0.3	0.1	0.84	0.7	0.02	1.28	0.5	0.02	1.5	12.5	0.6	0.07	7.6	0.02	0.07	4.2	0.01	1.2	3.5	0.1	1.1	11.5	0.4	7.7	15
9	137	152.chn	6A6	6.5	44	9G	8E+05	2E+06	18.8	0.3	0.2	0.92	0.7	0.02	1.57	0.5	0.02	9.4	2.6	0.7	0.66	1.7	0.03	0.05	6.4	0.01	9.7	0.6	0.2	7.8	2.1	0.5	9.9	20
9	137	155.chn	6A6	6.5	44	9H	8E+05	2E+06	14.1	0.3	0.1	0.71	0.8	0.02	1.23	0.5	0.02	17.3	1.4	0.7	1.78	0.7	0.04	0.10	3.0	0.01	13.5	0.4	0.2	5.8	2.5	0.4	8.6	75
9	137	156.chn	6A6	6.5	44	9I	8E+05	2E+06	14.9	0.3	0.1	0.70	0.8	0.02	1.08	0.6	0.02	9.2	2.5	0.7	1.35	0.9	0.04	0.05	5.8	0.01	9.8	0.6	0.2	3.4	4.2	0.4	8.0	60
9	124	157.chn	6A6	6.5	44	9J	8E+05	2E+06	21.6	0.3	0.2	1.04	0.6	0.02	1.64	0.5	0.02	2.1	10.2	0.6	0.08	7.3	0.02	0.01	20.4	0.01	1.6	2.6	0.1	0.0		0.0	10.4	50
9	124	160.chn	6A6	6.5	44	9K	8E+05	2E+06	20.1	0.3	0.2	0.83	0.7	0.02	1.38	0.5	0.02	2.6	8.0	0.6	0.08	7.6	0.02	0.01	20.7	0.01	3.8	1.1	0.1	0.0		0.0	9.0	20
10	170	56.chn	3A6	6.5	44	G02	8E+05	2E+06	8.2	0.5	0.1	0.78	0.6	0.01	0.95	0.6	0.02	1.7	6.6	0.3	0.06	7.0	0.01	0.33	1.0	0.01	0.0		0.0	0.0		0.0	5.8	0
10	170	55.chn	3A6	6.5	44	G03	8E+05	2E+06	10.3	0.4	0.1	0.58	0.8	0.01	0.77	0.7	0.02	1.4	[illegible]	0.3	0.05	9.0	0.01	0.11	2.3	0.01	0.0		0.0	0.0		0.0	5.4	25
10	170	64.chn	3A6	6.5	44	H03	8E+05	2E+06	14.7	0.4	0.2	0.65	0.8	0.02	1.07	0.6	0.02	1.7	[illegible]	0.4	0.07	8.0	0.02	0.11	2.4	0.01	0.0		0.0	0.0		0.0	7.0	40
10	170	52.chn	3A6	6.5	44	I03	8E+05	2E+06	15.8	0.3	0.1	0.79	0.7	0.02	1.31	0.5	0.02	2.0	6.3	0.4	0.08	7.0	0.02	0.15	1.9	0.01	0.0		0.0	0.0		0.0	8.0	0
10	170	63.chn	3A6	6.5	44	F04	8E+05	2E+06	10.7	0.4	0.1	0.74	0.7	0.02	0.99	0.6	0.02	1.7	6.6	0.3	0.07	7.0	0.01	0.32	1.0	0.01	0.1	31.7	0.1	0.0		0.0	6.3	0
10	170	67.chn	3A6	6.5	44	F04	8E+05	2E+06	10.9	0.4	0.1	0.77	0.7	0.02	0.99	0.6	0.02	1.8	6.4	0.3	0.07	7.0	0.02	0.31	1.0	0.01	0.0		0.0	0.0		0.0	6.3	0
10	170	62.chn	3A6	6.5	44	G04	8E+05	2E+06	12.4	0.4	0.1	0.86	0.6	0.02	0.93	0.6	0.02	1.4	12.6	0.5	0.04	9.0	0.01	0.11	2.5	0.01	0.0		0.0	0.0		0.0	6.7	30
10	170	61.chn	3A6	6.5	44	H04	8E+05	2E+06	13.4	0.4	0.2	0.78	0.7	0.02	0.90	0.7	0.02	1.7	7.2	0.4	0.04	10.0	0.01	0.03	8.1	0.01	0.0		0.0	0.0		0.0	6.9	50
10	170	51.chn	3A6	6.5	44	I04	8E+05	2E+06	16.9	0.3	0.2	0.81	0.7	0.02	1.22	0.5	0.02	1.9	6.9	0.4	0.08	7.0	0.02	0.04	6.9	0.01	0.0		0.0	0.0		0.0	8.2	0
10	170	15.chn	3A6	6.5	44	F05	8E+05	2E+06	16.9	0.3	0.2	1.05	0.6	0.02	1.16	0.6	0.02	1.7	7.5	0.4	0.05	8.0	0.01	0.10	2.7	0.01	0.0		0.0	0.0		0.0	8.4	0
10	170	48.chn	3A6	6.5	44	G05	8E+05	2E+06	12.1	0.4	0.1	0.68	0.7	0.01	0.92	0.6	0.02	1.8	6.6	0.4	0.07	7.0	0.01	0.09	2.8	0.01	0.0		0.0	0.0		0.0	6.4	10
10	170	49.chn	3A6	6.5	44	H05	8E+05	2E+06	14.6	0.4	0.2	0.80	0.7	0.02	1.04	0.6	0.02	1.9	6.3	0.4	0.08	7.0	0.02	0.05	4.9	0.01	0.0		0.0	0.0		0.0	7.3	0
10	170	50.chn	3A6	6.5	44	I05	8E+05	2E+06	12.8	0.4	0.2	0.75	0.7	0.02	0.99	0.6	0.02	1.6	7.7	0.4	0.06	8.0	0.02	0.07	3.6	0.01	0.0		0.0	0.0		0.0	6.7	30
10	170	57.chn	3A6	6.5	44	E06	8E+05	2E+06	12.0	0.4	0.1	0.80	0.6	0.01	1.00	0.6	0.02	1.8	6.5	0.4	0.06	7.0	0.01	0.28	1.1	0.01	0.0		0.0	0.0		0.0	6.7	0
10	213	16.chn	3A6	6.5	44	F06	8E+05	2E+06	18.0	0.3	0.2	1.09	0.5	0.02	1.14	0.6	0.02	1.6	11.6	0.6	0.06	7.0	0.01	0.11	2.5	0.01	0.0		0.0	0.0		0.0	8.6	0
10	170	2.chn	3A6	6.5	44	G06	8E+05	2E+06	17.4	0.3	0.2	0.98	0.6	0.02	1.12	0.6	0.02	2.0	6.5	0.4	0.06	7.0	0.01	0.08	3.6	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	38.chn	3A6	6.5	44	H06	8E+05	2E+06	15.0	0.3	0.1	0.69	0.7	0.01	1.14	0.5	0.02	1.8	6.9	0.4	0.07	8.0	0.02	0.09	2.9	0.01	0.0		0.0	0.0		0.0	7.4	0
10	170	8.chn	3A6	6.5	44	E07	8E+05	2E+06	17.7	0.3	0.2	0.96	0.6	0.02	1.08	0.6	0.02	1.9	6.7	0.4	0.05	8.0	0.01	0.09	3.2	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	17.chn	3A6	6.5	44	F07	8E+05	2E+06	19.1	0.3	0.2	1.04	0.6	0.02	1.21	0.5	0.02	1.9	6.9	0.4	0.07	7.0	0.01	0.12	2.4	0.01	0.0		0.0	0.0		0.0	8.9	0
10	170	3.chn	3A6	6.5	44	G07	8E+05	2E+06	15.3	0.4	0.2	0.93	0.6	0.02	1.14	0.6	0.02	1.9	6.9	0.4	0.08	7.0	0.02	0.12	2.4	0.01	0.0		0.0	0.0		0.0	7.8	0
10	170	37.chn	3A6	6.5	44	H07	8E+05	2E+06	15.5	0.3	0.1	0.79	0.7	0.02	1.40	0.5	0.02	1.7	10.5	0.5	0.07	7.0	0.02	0.20	1.5	0.01	0.0		0.0	0.0		0.0	8.2	0
10	170	58.chn	3A6	6.5	44	D08	8E+05	2E+06	12.4	0.4	0.1	0.78	0.7	0.02	1.08	0.6	0.02	1.6	7.3	0.4	0.06	8.0	0.01	0.20	1.5	0.01	0.0		0.0	0.0		0.0	7.0	0
10	170	9.chn	3A6	6.5	44	E08	8E+05	2E+06	16.9	0.3	0.2	0.97	0.6	0.02	1.16	0.6	0.02	1.7	7.8	0.4	0.06	7.0	0.01	0.09	3.1	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	19.chn	3A6	6.5	44	F08	8E+05	2E+06	18.4	0.3	0.2	0.83	0.7	0.02	1.15	0.5	0.02	1.9	6.6	0.4	0.07	7.0	0.01	0.11	2.6	0.01	0.0		0.0	0.0		0.0	8.3	0
10	170	4.chn	3A6	6.5	44	G08	8E+05	2E+06	14.1	0.4	0.2	0.91	0.6	0.02	1.32	0.5	0.02	2.2	5.9	0.4	0.08	7.0	0.02	0.33	1.0	0.01	0.0		0.0	0.0		0.0	8.1	0
10	170	21.chn	3A6	6.5	44	D09	8E+05	2E+06	16.1	0.3	0.1	0.92	0.6	0.02	1.86	0.4	0.02	2.4	5.7	0.4	0.10	6.0	0.02	0.18	1.8	0.01	0.0		0.0	0.0		0.0	9.6	0
10	170	10.chn	3A6	6.5	44	E09	8E+05	2E+06	15.1	0.3	0.1	1.10	0.5	0.02	1.78	0.4	0.02	2.6	5.0	0.4	0.07	7.0	0.01	0.19	1.7	0.01	0.0		0.0	0.0		0.0	9.5	0
10	170	5.chn	3A6	6.5	44	F09	8E+05	2E+06	15.8	0.3	0.1	0.87	0.6	0.02	1.49	0.5	0.02	1.9	7.0	0.4	0.08	7.0	0.02	0.22	1.5	0.01	0.0		0.0	0.0		0.0	8.7	0
10	170	36.chn	3A6	6.5	44	G09	8E+05	2E+06	9.1	0.5	0.1	0.78	0.6	0.01	1.11	0.5	0.02	1.9	6.1	0.4	0.07	7.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
10	170	42.chn	3A6	6.5	44	C10	8E+05	2E+06	11.8	0.4	0.1	0.79	0.7	0.02	1.06	0.6	0.02	1.9	6.3	0.4	0.06	7.0	0.01	0.11	2.3	0.01	0.0		0.0	0.0		0.0	6.7	0
10	170	22.chn	3A6	6.5	44	D10	8E+05	2E+06	14.9	0.4	0.2	0.97	0.6	0.02	1.97	0.4	0.02	2.6	5.2	0.4	0.08	7.0	0.02	0.21	1.6	0.01	0.0		0.0	0.0		0.0	9.5	0
10	170	11.chn	3A6	6.5	44	E10	8E+05	2E+06	12.8	0.4	0.2	1.07	0.5	0.02	1.73	0.4	0.02	2.2	5.8	0.4	0.08	6.0	0.01	0.26	1.3	0.01	0.0		0.0	0.0		0.0	8.9	0
10	170	34.chn	3A6	6.5	44	F10	8E+05	2E+06	9.6	0.4	0.1	0.89	0.6	0.02	1.28	0.5	0.02	2.1	5.8	0.4	0.08	6.0	0.02	0.43	0.8	0.01	0.1	25.2	0.1	0.0		0.0	7.0	0
10	170	68chn	3A6	6.5	44	F10	8E+05	2E+06	9.7	0.4	0.1	0.85	0.6	0.02	1.29	0.5	0.02	2.1	5.7	0.4	0.07	7.0	0.02	0.44	0.8	0.01	0.0		0.0	0.0		0.0	7.0	0
10	170	28.chn	3A6	6.5	44	C11	8E+05	2E+06	14.9	0.4	0.2	0.96	0.6	0.02	1.69	0.4	0.02	2.3	5.6	0.4	0.07	7.0	0.01	0.17	1.8	0.01	0.0		0.0	0.0		0.0	9.1	0
10	170	23.chn	3A6	6.5	44	D11	8E+05	2E+06	15.7	0.3	0.1	1.13	0.5	0.02	2.03	0.4	0.02	2.7	5.2	0.4	0.10	6.0	0.02	0.18	1.8	0.01	0.0		0.0	0.0		0.0	10.2	0
10	170	12.chn	3A6	6.5	44	E11	8E+05	2E+06	11.5	0.4	0.1	0.97	0.6	0.02	1.43	0.5	0.02	2.0	6.3	0.4	0.08	6.0	0.01	0.20	1.5	0.01	0.0		0.0	0.0		0.0	7.9	0

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OU	IHSS	File Name	Detector	Detector	FOV	Station	North	East	K-40	%	MDA	Ra-226	%	MDA	Th-232	%	MDA	U-238	%	MDA	U-235	%	MDA	Cs-137	%	MDA	Am-241	%	MDA	Pu-239	%	MDA	Exposure	% FOV
	Number		Array	Height (m)	m		feet	feet	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	nCi/g	Error	nCi/g	uR/h	Blocked
10	170	32.chn	3A6	6.5	44	F11	8E+05	2E+06	7.8	0.5	0.1	1.18	0.5	0.02	1.03	0.6	0.02	1.7	7.1	0.4	0.05	7.0	0.01	0.38	0.9	0.01	0.0		0.0	0.0		0.0	6.8	0
10	170	41.chn	3A6	6.5	44	B12	8E+05	2E+06	12.1	0.4	0.1	0.81	0.6	0.01	1.02	0.6	0.02	1.7	7.0	0.4	0.05	8.0	0.01	0.04	5.7	0.01	0.0		0.0	0.0		0.0	6.8	0
10	170	29.chn	3A6	6.5	44	C12	8E+05	2E+06	17.0	0.3	0.2	1.13	0.5	0.02	2.27	0.3	0.02	2.8	4.9	0.4	0.09	6.0	0.02	0.18	1.8	0.01	0.0		0.0	0.0		0.0	10.9	0
10	170	24.chn	3A6	6.5	44	D12	8E+05	2E+06	15.9	0.3	0.1	1.28	0.5	0.02	2.08	0.4	0.02	2.9	4.9	0.4	0.08	6.0	0.02	0.25	1.4	0.01	0.0		0.0	0.0		0.0	10.5	0
10	170	35.chn	3A6	6.5	44	E12	8E+05	2E+06	9.7	0.4	0.1	0.84	0.6	0.02	1.28	0.5	0.02	1.9	6.1	0.4	0.07	7.0	0.02	0.39	0.9	0.01	0.0		0.0	0.0		0.0	6.9	0
10	170	45.chn	3A6	6.5	44	B13	8E+05	2E+06	11.4	0.4	0.1	0.73	0.7	0.02	1.00	0.6	0.02	1.7	6.8	0.3	0.05	8.0	0.01	0.14	2.0	0.01	0.0		0.0	0.0		0.0	6.4	30
10	170	44.chn	3A6	6.5	44	C13	8E+05	2E+06	12.6	0.4	0.2	0.81	0.6	0.01	1.36	0.5	0.02	1.8	6.7	0.4	0.06	8.0	0.01	0.17	1.7	0.01	0.0		0.0	0.0		0.0	7.7	10
10	170	25.chn	3A6	6.5	44	D13	8E+05	2E+06	11.3	0.4	0.1	1.01	0.6	0.02	1.55	0.4	0.02	2.0	6.2	0.4	0.06	7.0	0.01	0.25	1.3	0.01	0.0		0.0	0.0		0.0	8.1	0
10	170	30.chn	4A6	6.5	44	E13	8E+05	2E+06	7.6	0.5	0.1	0.88	0.6	0.02	1.02	0.6	0.02	1.6	7.2	0.3	0.07	7.0	0.01	0.43	0.8	0.01	0.0		0.0	0.0		0.0	6.2	0
10		34.chn	4A6	6.5	44		7E+05	2E+06	16.5	0.7	0.3	0.69	1.8	0.04	1.17	1.2	0.04	10.8	2.9	0.9	0.15	11.0	0.05	0.00		0.00	0.2	36.0	0.2	0.0		0.0	9.3	40
10	170	43.chn	3A6	6.5	44	D14	8E+05	2E+06	6.6	0.5	0.1	0.64	0.7	0.01	0.76	0.7	0.02	1.5	7.1	0.3	0.05	8.0	0.01	0.21	1.3	0.01	0.0		0.0	0.0		0.0	4.8	30
10	182	32.chn	4A6	6.5	44	182	7E+05	2E+06	21.4	0.6	0.4	1.05	1.3	0.04	1.37	1.1	0.05	17.4	2.0	1.0	0.21	8.0	0.05	0.03	23.3	0.02	0.0		0.0	0.0		0.0	11.1	75
10	181	165.chn	4A6	6.5	44	4L	7E+05	2E+06	18.6	0.3	0.2	1.08	0.6	0.02	1.92	0.4	0.02	2.1	6.9	0.4	0.06	8.0	0.01	0.00		0.00	0.0		0.0	0.0		0.0	11.3	60
10	207	33.chn	4A6	6.5	44	207	7E+05	2E+06	18.6	0.6	0.3	1.01	1.2	0.04	1.88	0.8	0.05	3.2	9.3	0.9	0.08	15.0	0.04	0.03	20.6	0.02	2.7	3.2	0.3	0.0		0.0	10.7	50
10	177	111.chn	4A6	6.5	44	3F	7E+05	2E+06	17.3	0.3	0.2	0.73	0.8	0.02	1.01	0.6	0.02	1.7	7.6	0.4	0.06	9.0	0.02	0.04	7.0	0.01	0.0		0.0	0.0		0.0	7.9	0
10	177	110.chn	4A6	6.5	44	3E	7E+05	2E+06	21.0	0.3	0.2	0.91	0.7	0.02	1.36	0.5	0.02	2.1	6.7	0.4	0.09	7.0	0.02	0.03	9.2	0.01	0.0		0.0	0.0		0.0	9.7	20
10	214	28.chn	5A6	6.5	44	6E	7E+05	2E+06	22.1	0.3	0.2	1.07	0.6	0.02	1.65	0.5	0.02	2.6	5.9	0.5	0.07	7.6	0.02	0.01	26.6	0.01	0.2	24.2	0.1	0.0		0.0	10.9	40
10	214	14.chn	6A6	6.5	44	6L	7E+05	2E+06	21.9	0.3	0.2	0.99	0.6	0.02	1.68	0.5	0.03	2.6	5.9	0.5	0.08	7.1	0.02	0.00		0.00	0.2	21.9	0.1	0.0		0.0	10.4	50
10	214	3.chn	6A6	6.5	44	6G	7E+05	2E+06	18.0	0.3	0.2	0.87	0.7	0.02	1.35	0.5	0.02	2.2	6.7	0.4	0.05	9.3	0.01	0.00		0.00	0.0		0.0	0.0		0.0	8.7	50
10	214	4.chn	6A6	6.5	44	6H	7E+05	2E+06	21.7	0.3	0.2	1.01	0.6	0.02	1.60	0.5	0.02	2.4	6.3	0.5	0.08	7.2	0.02	0.00		#VALUE!	0.2	21.8	0.1	0.0		0.0	10.1	20
10	214	26.chn	5A6	6.5	44	6C	8E+05	2E+06	24.4	0.3	0.2	1.16	0.6	0.02	1.69	0.5	0.03	3.1	4.9	0.5	0.09	6.4	0.02	0.02	15.6	0.01	2.6	1.7	0.1	0.0		0.0	11.4	50
10	214	7.chn	6A6	6.5	44	6I	7E+05	2E+06	19.7	0.3	0.2	1.16	0.6	0.02	1.19	0.6	0.02	2.3	6.3	0.4	0.06	7.5	0.01	0.00		0.00	0.0		0.0	0.0		0.0	8.9	5
10	214	27.chn	5A6	6.5	44	6D	7E+05	2E+06	20.8	0.3	0.2	1.07	0.6	0.02	1.49	0.5	0.02	3.1	4.8	0.4	0.10	6.1	0.02	0.02	17.2	0.01	2.7	1.6	0.1	0.0		0.0	10.2	30
10	214	2.chn	6A6	6.5	44	6F	7E+05	2E+06	17.6	0.3	0.2	0.86	0.7	0.02	1.35	0.5	0.02	2.2	6.6	0.4	0.07	8.2	0.02	0.00		0.00	0.2	17.2	0.1	0.0		0.0	8.6	60
10	214	384.chn	4A6	6.5	44	5O	8E+05	2E+06	16.9	0.3	0.2	0.72	0.8	0.02	1.34	0.5	0.02	2.1	6.7	0.4	0.09	6.9	0.02	0.04	7.4	0.01	1.1	3.5	0.1	0.0		0.0	8.3	50
10	214	383.chn	4A6	6.5	44	5N	8E+05	2E+06	13.3	0.4	0.2	0.65	0.8	0.02	0.94	0.6	0.02	2.4	5.4	0.4	0.10	6.3	0.02	0.06	4.6	0.01	4.5	1.0	0.1	0.0		0.0	6.7	30
10	214	8.chn	6A6	6.5	44	6J	7E+05	2E+06	19.8	0.3	0.2	1.26	0.5	0.02	1.26	0.6	0.02	2.6	5.7	0.4	0.07	6.5	0.01	0.01	51.0	0.01	0.2	23.8	0.1	0.0		0.0	9.3	5
10	214	380.chn	4A6	6.5	44	5M	8E+05	2E+06	16.7	0.3	0.2	0.76	0.7	0.02	1.22	0.5	0.02	2.3	5.9	0.4	0.09	6.9	0.02	0.04	7.1	0.01	2.1	2.0	0.1	0.0		0.0	8.0	0
10	214	13.chn	6A6	6.5	44	6K	7E+05	2E+06	19.8	0.3	0.2	1.12	0.6	0.02	1.27	0.5	0.02	2.5	5.8	0.4	0.06	7.5	0.01	0.01	30.1	0.01	0.0		0.0	0.0		0.0	9.1	10
10	214	371.chn	4A6	6.5	44	5H	8E+05	2E+06	17.8	0.3	0.2	0.84	0.7	0.02	1.25	0.5	0.02	2.1	6.6	0.4	0.07	7.4	0.02	0.02	13.3	0.01	1.0	3.7	0.1	0.0		0.0	8.5	20
10	214	376.chn	4A6	6.5	44	5K	8E+05	2E+06	19.2	0.3	0.2	1.05	0.6	0.02	1.40	0.5	0.02	2.6	5.4	0.4	0.05	8.2	0.01	0.03	8.2	0.01	0.6	6.9	0.1	0.0		0.0	9.6	10
10	214	375.chn	4A6	6.5	44	5J	7E+05	2E+06	15.6	0.3	0.1	0.90	0.6	0.02	1.02	0.6	0.02	1.9	7.[illegible]	0.4	0.05	8.5	0.01	0.04	6.9	0.01	0.2	19.4	0.1	0.0		0.0	7.7	15
10	214	379.chn	4A6	6.5	44	5L	8E+05	2E+06	16.3	0.3	0.1	0.79	0.7	0.02	1.45	0.5	0.02	2.5	5.[illegible]	0.4	0.08	7.0	0.02	0.08	3.5	0.01	0.4	10.7	0.1	0.0		0.0	8.4	0
10	214	374.chn	4A6	6.5	44	5I	7E+05	2E+06	14.7	0.4	0.2	0.97	0.6	0.02	1.26	0.5	0.02	2.3	6.0	0.4	0.05	8.1	0.01	0.01	23.7	0.01	0.0		0.0	0.0		0.0	8.1	5
10	175	369.chn	4A6	6.5	44	5F	8E+05	2E+06	18.0	0.3	0.2	0.82	0.7	0.02	1.31	0.5	0.02	2.2	6.2	0.4	0.07	7.8	0.02	0.09	3.3	0.01	0.3	14.3	0.1	0.0		0.0	8.6	20
10	210	370.chn	4A6	6.5	44	5G	8E+05	2E+06	18.3	0.3	0.2	0.86	0.7	0.02	1.30	0.5	0.02	2.1	6.2	0.4	0.07	7.4	0.02	0.02	13.6	0.01	0.1	34.0	0.1	0.0		0.0	8.8	40
10	213	155.chn	4A6	6.5	44	4F	7E+05	2E+06	18.8	0.3	0.2	1.11	5.0	0.17	1.07	0.7	0.02	13.0	1.4	0.5	0.17	5.0	0.03	0.07	4.9	0.01	2.4	1.9	0.1	0.0		0.0	9.5	0
10	213	153.chn	4A6	6.5	44	4D	7E+05	2E+06	17.2	0.3	0.2	1.05	0.6	0.02	1.42	0.5	0.02	2.8	4.9	0.4	0.07	7.0	0.01	0.08	3.4	0.01	1.5	2.8	0.1	0.0		0.0	9.0	0
10	213	154.chn	4A6	6.5	44	4E	7E+05	2E+06	14.4	0.4	0.2	0.83	0.7	0.02	0.78	0.8	0.02	4.6	3.0	0.4	0.09	6.0	0.02	0.10	3.0	0.01	3.5	1.3	0.1	0.0		0.0	6.7	0
10	176	294.chn	4A6	6.5	44	A21	8E+05	2E+06	11.0	0.4	0.1	0.69	0.7	0.01	1.03	0.6	0.02	3.0	4.3	0.4	0.10	6.0	0.02	0.12	2.2	0.01	0.9	4.0	0.1	0.0		0.0	6.5	0
10	176	305.chn	4A6	6.5	44	A22	8E+05	2E+06	9.4	0.4	0.1	0.74	0.7	0.02	0.96	0.6	0.02	4.2	3.0	0.4	0.12	5.0	0.02	0.09	2.9	0.01	2.1	1.9	0.1	0.0		0.0	6.1	40
10	176	306.chn	4A6	6.5	44	A23	8E+05	2E+06	8.2	0.5	0.1	0.70	0.7	0.01	0.80	0.7	0.02	8.6	1.6	0.4	0.17	4.0	0.02	0.09	2.8	0.01	4.3	0.9	0.1	0.6	19.1	0.3	5.7	50
10	176	307.chn	4A6	6.5	44	A24	8E+05	2E+06	10.1	0.4	0.1	0.80	0.7	0.02	0.96	0.7	0.02	27.8	0.7	0.6	0.64	2.0	0.04	0.11	2.9	0.01	18.1	0.3	0.2	0.6	23.6	0.4	8.1	50
10	176	308.chn	4A6	6.5	44	A25	8E+05	2E+06	11.4	0.4	0.1	0.87	0.6	0.02	1.04	0.6	0.02	14.3	1.1	0.5	0.30	3.0	0.03	0.11	2.7	0.01	10.7	0.5	0.2	0.0		0.0	7.7	5
10	176	311.chn	4A6	6.5	44	A26	8E+05	2E+06	11.4	0.4	0.1	0.96	0.6	0.02	1.12	0.6	0.02	7.4	2.0	0.4	0.15	4.0	0.02	0.08	3.5	0.01	8.6	0.5	0.1	0.0		0.0	7.4	0
10	176	312.chn	4A6	6.5	44	A27	8E+05	2E+06	12.7	0.4	0.2	1.08	0.5	0.02	1.07	0.6	0.02	4.1	3.3	0.4	0.09	6.0	0.02	0.05	5.1	0.01	9.1	0.5	0.1	0.0		0.0	7.6	10
10	176	313.chn	4A6	6.5	44	A28	8E+05	2E+06	14.6	0.4	0.2	0.99	0.6	0.02	1.08	0.6	0.02	3.5	4.0	0.4	0.08	6.0	0.01	0.01	22.5	0.01	0.9	4.6	0.1	0.0		0.0	7.7	10
10	213	152.chn	4A6	6.5	44	4C	7E+05	2E+06	18.1	0.3	0.2	0.94	0.7	0.02	1.27	0.6	0.02	5.6	3.1	0.5	0.17	5.0	0.02	0.08	3.9	0.01	49.5	0.2	0.3	0.0		0.0	9.8	0
10	176	295.chn	4A6	6.5	44	B21	8E+05	2E+06	12.8	0.4	0.2	0.72	0.7	0.02	1.19	0.5	0.02	3.4	3.9	0.4	0.09	7.0	0.02	0.07	3.9	0.01	0.7	5.7	0.1	0.0		0.0	7.1	20

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OU	IHSS	File Name	Detector	Detector	FOV	Station	North	East	K-40	%	MDA	Ra-226	%	MDA	Th-232	%	MDA	U-238	%	MDA	U-235	%	MDA	Cs-137	%	MDA	Am-241	%	MDA	Pu-239	%	MDA	Exposure	% FOV
	Number		Array	Height (m)	m		feet	feet	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	pCi/g	Error	pCi/g	nCi/g	Error	nCi/g	uR/h	Blocked
10	176	349.chn	4A6	6.5	44	B22	8E+05	2E+06	9.3	0.4	0.1	0.61	0.8	0.01	0.95	0.6	0.02	4.9	2.6	0.4	0.11	5.8	0.02	0.07	3.6	0.01	1.5	2.5	0.1	0.0		0.0	5.7	70
10	176	300.chn	4A6	6.5	44	B23	8E+05	2E+06	10.4	0.4	0.1	0.87	0.6	0.02	1.37	0.5	0.02	14.1	1.1	0.5	0.30	3.0	0.03	0.10	2.8	0.01	6.1	0.7	0.1	0.0		0.0	7.9	50
10	176	321.chn	4A6	6.5	44	B25	8E+05	2E+06	10.0	0.4	0.1	0.79	0.7	0.02	1.03	0.7	0.02	32.5	0.6	0.6	0.74	1.0	0.02	0.09	3.7	0.01	17.4	0.3	0.2	0.0		0.0	8.6	0
10	176	318.chn	4A6	6.5	44	B26	8E+05	2E+06	9.5	0.4	0.1	0.97	0.6	0.02	1.12	0.6	0.02	9.6	1.5	0.4	0.16	4.0	0.02	0.12	2.4	0.01	5.3	0.8	0.1	0.0		0.0	7.2	0
10	176	317.chn	4A6	6.5	44	B27	8E+05	2E+06	9.1	0.5	0.1	0.88	0.6	0.02	1.01	0.6	0.02	4.2	3.1	0.4	0.10	6.0	0.02	0.14	2.0	0.01	2.5	1.6	0.1	0.0		0.0	6.4	0
10	176	314.chn	4A6	6.5	44	B28	8E+05	2E+06	20.0	0.3	0.2	1.05	0.6	0.02	1.17	0.6	0.02	2.8	5.2	0.4	0.07	7.0	0.02	0.02	14.0	0.01	0.7	5.7	0.1	0.0		0.0	9.3	10
10	176	301.chn	4A6	6.5	44	B24	8E+05	2E+06	8.8	0.5	0.1	0.75	0.9	0.02	0.98	0.8	0.02	69.6	0.4	0.8	1.87	1.0	0.06	0.06	6.2	0.01	42.7	0.2	0.3	1.2	16.2	0.6	12.5	40
10	176	296.chn	4A6	6.5	44	C21	8E+05	2E+06	16.1	0.3	0.1	0.82	0.7	0.02	1.25	0.5	0.02	3.1	4.4	0.4	0.09	6.0	0.02	0.03	7.6	0.01	0.5	7.5	0.1	0.0		0.0	8.1	25
10	176	352.chn	4A6	6.5	44	C22	8E+05	2E+06	10.6	0.4	0.1	0.85	0.6	0.02	0.90	0.6	0.02	3.7	3.4	0.4	0.08	6.6	0.01	0.06	4.4	0.01	1.1	3.4	0.1	0.0		0.0	6.4	35
10	176	302.chn	4A6	6.5	44	C23	8E+05	2E+06	14.3	0.4	0.2	1.02	0.6	0.02	1.55	0.5	0.02	8.9	1.7	0.5	0.17	4.0	0.02	0.10	2.9	0.01	2.7	1.6	0.1	0.0		0.0	9.2	40
10	176	330.chn	4A6	6.5	44	C24	8E+05	2E+06	15.2	0.3	0.1	0.80	0.7	0.02	1.28	0.5	0.02	22.7	0.8	0.5	0.53	2.0	0.03	0.06	5.0	0.01	11.8	0.5	0.2	0.0		0.0	9.3	50
10	176	327.chn	4A6	6.5	44	C25	8E+05	2E+06	17.4	0.3	0.2	1.07	0.6	0.02	1.48	0.5	0.02	17.2	1.0	0.5	0.36	2.0	0.02	0.06	5.2	0.01	6.0	0.8	0.1	0.0		0.0	10.2	15
10	176	326.chn	4A6	6.5	44	C26	8E+05	2E+06	17.1	0.3	0.2	1.08	0.6	0.02	1.52	0.5	0.02	7.0	2.1	0.4	0.16	4.0	0.02	0.09	3.3	0.01	2.3	1.8	0.1	0.0		0.0	9.5	5
10	176	325.chn	4A6	6.5	44	C27	8E+05	2E+06	14.0	0.4	0.2	0.97	0.6	0.02	1.24	0.5	0.02	4.3	3.2	0.4	0.08	6.0	0.02	0.18	1.7	0.01	1.8	2.2	0.1	0.0		0.0	8.0	5
10	176	324.chn	4A6	6.5	44	C28	8E+05	2E+06	18.9	0.3	0.2	0.95	0.6	0.02	1.18	0.6	0.02	3.0	4.6	0.4	0.08	7.0	0.02	0.02	12.9	0.01	0.7	5.4	0.1	0.0		0.0	8.8	15
10	213	148.chn	4A6	6.5	44	4A	7E+05	2E+06	16.5	0.3	0.1	0.93	0.6	0.02	1.05	0.6	0.02	4.1	3.7	0.5	0.14	5.0	0.02	0.10	3.0	0.01	31.2	0.2	0.2	0.0		0.0	8.4	0
10	213	147.chn	4A6	6.5	44	3Z	7E+05	2E+06	17.6	0.3	0.2	1.03	0.6	0.02	1.13	0.6	0.02	2.3	6.0	0.4	0.07	7.0	0.01	0.10	2.9	0.01	6.7	0.7	0.1	0.0		0.0	8.5	0
10	213	149.chn	4A6	6.5	44	4B	7E+05	2E+06	17.6	0.3	0.2	1.05	0.6	0.02	1.23	0.6	0.02	7.7	2.1	0.5	0.11	6.0	0.02	0.13	2.6	0.01	8.9	0.6	0.2	0.0		0.0	9.2	0
10	176	297.chn	4A6	6.5	44	D21	8E+05	2E+06	19.5	0.3	0.2	0.85	0.7	0.02	1.24	0.5	0.02	2.7	5.0	0.4	0.08	7.0	0.02	0.02	17.2	0.01	0.3	14.6	0.1	0.0		0.0	8.8	10
10	176	353.chn	4A6	6.5	44	D22	8E+05	2E+06	14.1	0.4	0.2	0.92	0.6	0.02	1.03	0.6	0.02	2.9	4.6	0.4	0.06	7.3	0.01	0.02	12.2	0.01	0.4	10.5	0.1	0.0		0.0	7.4	10
10	176	338.chn	4A6	6.5	44	D23	8E+05	2E+06	16.0	0.3	0.1	0.80	0.7	0.02	1.12	0.6	0.02	3.7	3.7	0.4	0.09	6.0	0.02	0.02	15.0	0.01	0.5	7.5	0.1	0.0		0.0	7.8	50
10	176	337.chn	4A6	6.5	44	D24	8E+05	2E+06	16.1	0.3	0.1	0.87	0.6	0.02	1.29	0.5	0.02	4.0	3.4	0.4	0.10	6.0	0.02	0.04	6.0	0.01	0.9	4.1	0.1	0.0		0.0	8.4	30
10	176	336.chn	4A6	6.5	44	D25	8E+05	2E+06	17.2	0.3	0.2	0.83	0.7	0.02	1.33	0.5	0.02	5.6	2.5	0.4	0.12	5.0	0.02	0.02	13.0	0.01	1.2	3.1	0.1	0.0		0.0	8.5	40
10	176	333.chn	4A6	6.5	44	D26	8E+05	2E+06	18.8	0.3	0.2	0.97	0.6	0.02	1.40	0.5	0.02	4.3	3.3	0.4	0.09	6.0	0.02	0.03	9.8	0.01	0.9	4.6	0.1	0.0		0.0	9.4	50
10	176	332.chn	4A6	6.5	44	D27	8E+05	2E+06	19.7	0.3	0.2	1.02	0.6	0.02	1.45	0.5	0.02	3.5	4.0	0.4	0.08	7.0	0.02	0.06	4.5	0.01	0.7	5.5	0.1	0.0		0.0	9.8	40
10	176	331.chn	4A6	6.5	44	D28	8E+05	2E+06	18.8	0.3	0.2	0.98	0.6	0.02	1.26	0.5	0.02	3.0	4.6	0.4	0.07	7.0	0.01	0.02	14.4	0.01	0.7	5.4	0.1	0.0		0.0	9.0	15
10	176	354.chn	4A6	6.5	44	E22	8E+05	2E+06	18.1	0.3	0.2	0.96	0.6	0.02	1.18	0.6	0.02	2.5	5.5	0.4	0.06	8.0	0.01	0.02	11.7	0.01	0.2	17.7	0.1	0.0		0.0	8.5	5
10	176	348.chn	4A6	6.5	44	E23	8E+05	2E+06	12.2	0.4	0.1	0.70	0.7	0.01	0.93	0.6	0.02	2.3	5.4	0.4	0.07	7.6	0.02	0.07	3.6	0.01	0.5	7.9	0.1	0.0		0.0	6.3	25
10	176	347.chn	4A6	6.5	44	E24	8E+05	2E+06	11.4	0.4	0.1	0.67	0.7	0.01	0.94	0.6	0.02	2.4	5.0	0.4	0.08	7.0	0.02	0.07	3.7	0.01	0.6	5.9	0.1	0.0		0.0	6.2	35
10	176	344.chn	4A6	6.5	44	E25	8E+05	2E+06	11.1	0.4	0.1	0.71	0.7	0.01	0.96	0.6	0.02	2.6	4.7	0.4	0.06	7.5	0.01	0.08	3.1	0.01	0.5	7.4	0.1	0.0		0.0	6.2	30
10	176	343.chn	4A6	6.5	44	E26	8E+05	2E+06	12.5	0.4	0.2	0.78	0.7	0.02	1.03	0.6	0.02	2.5	5.1	0.4	0.05	8.5	0.01	0.06	4.4	0.01	0.4	8.4	0.1	0.0		0.0	6.8	40
10	176	342.chn	4A6	6.5	44	E27	8E+05	2E+06	13.9	0.4	0.2	0.76	0.7	0.02	1.22	0.5	0.02	2.7	4.6	0.4	0.07	7.6	0.01	0.06	4.1	0.01	0.5	7.3	0.1	0.0		0.0	7.3	40
10	176	341.chn	4A6	6.5	44	E28	8E+05	2E+06	18.6	0.3	0.2	0.84	0.7	0.02	1.21	0.5	0.02	2.5	5.2	0.4	0.08	6.7	0.02	0.02	15.2	0.01	0.4	9.4	0.1	0.0		0.0	8.4	15
11	168	258.chn	4A6	6.5	44	I8	7E+05	2E+06	7.5	0.5	0.1	0.83	0.6	0.01	1.09	0.5	0.02	1.7	6.7	0.3	0.07	7.0	0.01	0.47	0.8	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	257.chn	4A6	6.5	44	K8	7E+05	2E+06	7.7	0.5	0.1	0.83	0.6	0.01	1.15	0.5	0.02	1.8	6.2	0.3	0.07	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	256.chn	4A6	6.5	44	M8	7E+05	2E+06	8.3	0.5	0.1	0.86	0.6	0.02	1.28	0.5	0.02	2.0	5.5	0.3	0.08	6.0	0.01	0.56	0.7	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	255.chn	4A6	6.5	44	O8	7E+05	2E+06	8.4	0.5	0.1	0.85	0.6	0.02	1.31	0.5	0.02	2.0	5.8	0.3	0.10	5.0	0.01	0.57	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	252.chn	4A6	6.5	44	Q8	7E+05	2E+06	7.3	0.5	0.1	0.95	0.6	0.02	1.18	0.5	0.02	2.0	5.6	0.3	0.08	6.0	0.01	0.60	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	251.chn	4A6	6.5	44	S8	7E+05	2E+06	7.2	0.5	0.1	1.04	0.5	0.02	1.17	0.5	0.02	1.9	6.1	0.3	0.06	6.0	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	249.chn	4A6	6.5	44	U8	7E+05	2E+06	7.3	0.5	0.1	1.03	0.5	0.02	1.21	0.5	0.02	2.0	5.7	0.3	0.08	6.0	0.01	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	250.chn	4A6	6.5	44	U8	7E+05	2E+06	7.4	0.5	0.1	1.12	0.5	0.02	1.23	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	246.chn	4A6	6.5	44	W8	7E+05	2E+06	6.1	0.6	0.1	0.64	0.7	0.01	0.95	0.6	0.02	1.6	6.6	0.3	0.07	7.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	5.3	0
11	168	189.chn	4A6	6.5	44	I10	7E+05	2E+06	7.8	0.5	0.1	0.77	0.6	0.01	1.14	0.5	0.02	1.7	6.5	0.3	0.08	6.0	0.01	0.50	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	190.chn	4A6	6.5	44	K10	7E+05	2E+06	7.6	0.5	0.1	0.81	0.6	0.01	1.15	0.5	0.02	2.1	5.5	0.3	0.07	6.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	193.chn	4A6	6.5	44	M10	7E+05	2E+06	7.9	0.5	0.1	0.94	0.6	0.02	1.14	0.5	0.02	1.7	6.8	0.3	0.05	7.0	0.01	0.50	0.8	0.01	0.0		0.0	0.0		0.0	6.5	0
11	168	194.chn	4A6	6.5	44	O10	7E+05	2E+06	7.8	0.5	0.1	1.00	0.5	0.02	1.22	0.5	0.02	2.0	5.9	0.4	0.06	7.0	0.01	0.57	0.7	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	207.chn	4A6	6.5	44	Q10	7E+05	2E+06	6.0	0.6	0.1	0.66	0.7	0.01	0.91	0.6	0.02	1.5	7.5	0.3	0.06	8.0	0.01	0.49	0.8	0.01	0.0		0.0	0.0		0.0	5.4	0
11	168	206.chn	4A6	6.5	44	S10	7E+05	2E+06	7.9	0.5	0.1	0.96	0.6	0.02	1.14	0.6	0.02	1.8	6.6	0.4	0.05	8.0	0.01	0.63	0.7	0.01	0.0		0.0	0.0		0.0	7.4	0
11	168	196.chn	4A6	6.5	44	U10	7E+05	2E+06	7.0	0.5	0.1	0.96	0.6	0.02	1.14	0.5	0.02	1.9	5.9	0.3	0.07	6.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
11	168	195.chn	4A6	6.5	44	W10	7E+05	2E+06	6.0	0.6	0.1	0.83	0.6	0.01	0.94	0.6	0.02	1.6	6.9	0.3	0.05	8.0	0.01	0.58	0.7	0.01	0.1	38.0	0.1	0.0		0.0	5.6	0
11	168	223.chn	4A6	6.5	44	W10	7E+05	2E+06	6.5	0.5	0.1	0.79	0.6	0.01	1.03	0.6	0.02	1.7	6.6	0.3	0.08	6.0	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	220.chn	4A6	6.5	44	I12	7E+05	2E+06	8.0	0.5	0.1	0.99	0.5	0.01	1.15	0.5	0.02	1.7	6.6	0.3	0.06	7.0	0.01	0.50	0.8	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	219.chn	4A6	6.5	44	K12	7E+05	2E+06	7.1	0.5	0.1	0.96	0.6	0.02	1.12	0.5	0.02	1.9	5.8	0.3	0.07	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	218.chn	4A6	6.5	44	M12	7E+05	2E+06	7.4	0.5	0.1	0.96	0.6	0.02	1.16	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.56	0.7	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	217.chn	4A6	6.5	44	O12	7E+05	2E+06	7.4	0.5	0.1	0.94	0.6	0.02	1.23	0.5	0.02	1.9	6.1	0.3	0.06	7.0	0.01	0.59	0.7	0.01	0.1	46.0	0.1	0.0		0.0	6.7	0
11	168	224.chn	4A6	6.5	44	O12	7E+05	2E+06	7.4	0.5	0.1	0.85	0.6	0.02	1.18	0.5	0.02	1.9	5.9	0.3	0.07	6.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	225.chn	4A6	6.5	44	O12	7E+05	2E+06	7.5	0.5	0.1	0.83	0.6	0.01	1.20	0.5	0.02	1.9	5.8	0.3	0.08	6.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	208.chn	4A6	6.5	44	Q12	7E+05	2E+06	6.1	0.6	0.1	0.65	0.8	0.02	0.91	0.6	0.02	1.3	8.1	0.3	0.06	8.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	5.5	0
11	168	214.chn	4A6	6.5	44	S12	7E+05	2E+06	7.0	0.5	0.1	0.91	0.6	0.02	1.14	0.5	0.02	1.8	6.2	0.3	0.07	6.0	0.01	0.70	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	213.chn	4A6	6.5	44	U12	7E+05	2E+06	6.5	0.5	0.1	0.91	0.6	0.02	1.09	0.5	0.02	1.8	6.1	0.3	0.06	7.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	212.chn	4A6	6.5	44	W12	7E+05	2E+06	6.9	0.5	0.1	0.86	0.6	0.02	1.05	0.6	0.02	1.7	6.4	0.3	0.07	7.0	0.01	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.1	0
11	168	233.chn	4A6	6.5	44	I14	7E+05	2E+06	6.2	0.6	0.1	0.78	0.7	0.02	0.96	0.6	0.02	1.5	7.4	0.3	0.06	7.0	0.01	0.40	0.9	0.01	0.0		0.0	0.0		0.0	5.5	0
11	168	236.chn	4A6	6.5	44	K14	7E+05	2E+06	7.3	0.5	0.1	0.94	0.6	0.02	1.12	0.5	0.02	2.0	5.8	0.3	0.05	8.0	0.01	0.50	0.8	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	237.chn	4A6	6.5	44	M14	7E+05	2E+06	7.2	0.5	0.1	1.06	0.5	0.02	1.16	0.5	0.02	2.2	5.3	0.3	0.05	7.0	0.01	0.59	0.7	0.01	0.1	25.6	0.1	0.0		0.0	6.8	0
11	168	242.chn	4A6	6.5	44	M14	7E+05	2E+06	7.5	0.5	0.1	0.74	0.7	0.02	1.21	0.5	0.02	2.2	4.9	0.3	0.07	7.0	0.01	0.63	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	238.chn	4A6	6.5	44	O14	7E+05	2E+06	7.2	0.5	0.1	1.08	0.5	0.02	1.11	0.5	0.02	1.9	6.2	0.3	0.04	7.0	0.01	0.55	0.7	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	239.chn	4A6	6.5	44	Q14	7E+05	2E+06	6.7	0.5	0.1	1.00	0.5	0.01	1.05	0.6	0.02	1.8	6.4	0.3	0.06	6.0	0.01	0.62	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	243.chn	4A6	6.5	44	S14	7E+05	2E+06	6.2	0.6	0.1	0.64	0.7	0.01	0.98	0.6	0.02	1.8	6.0	0.3	0.07	7.0	0.02	0.58	0.7	0.01	0.0		0.0	0.0		0.0	5.4	0
11	168	244.chn	4A6	6.5	44	U14	7E+05	2E+06	5.7	0.6	0.1	0.61	0.8	0.01	0.90	0.6	0.02	1.4	7.4	0.3	0.07	7.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	5.1	0
11	168	245.chn	4A6	6.5	44	W14	7E+05	2E+06	6.6	0.5	0.1	0.63	0.8	0.02	0.92	0.6	0.02	1.5	7.1	0.3	0.08	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	5.3	0
11	168	267.chn	4A6	6.5	44	I16	7E+05	2E+06	8.5	0.5	0.1	0.87	0.6	0.02	1.27	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.53	0.7	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	268.chn	4A6	6.5	44	K16	7E+05	2E+06	7.3	0.5	0.1	0.77	0.7	0.02	1.12	0.5	0.02	1.8	6.1	0.3	0.07	7.0	0.02	0.48	0.8	0.01	0.0		0.0	0.0		0.0	6.0	0
11	168	269.chn	4A6	6.5	44	M16	7E+05	2E+06	7.3	0.5	0.1	0.87	0.6	0.02	1.22	0.5	0.02	2.0	5.7	0.3	0.08	6.0	0.02	0.61	0.7	0.01	0.0		0.0	0.0		0.0	6.5	0
11	168	270.chn	4A6	6.5	44	O16	7E+05	2E+06	7.3	0.5	0.1	0.89	0.6	0.02	1.25	0.5	0.02	2.1	5.4	0.3	0.08	6.0	0.01	0.66	0.6	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	273.chn	4A6	6.5	44	Q16	7E+05	2E+06	8.0	0.5	0.1	0.84	0.6	0.02	1.30	0.6	0.02	2.2	5.1	0.3	0.10	5.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	274.chn	4A6	6.5	44	S16	7E+05	2E+06	7.7	0.5	0.1	0.83	0.6	0.01	1.25	0.5	0.02	2.1	5.3	0.3	0.09	5.0	0.01	0.71	0.6	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	275.chn	4A6	6.5	44	U16	7E+05	2E+06	6.2	0.6	0.1	0.74	0.7	0.02	1.02	0.6	0.02	1.9	5.8	0.3	0.06	8.0	0.01	0.74	0.6	0.01	0.0		0.0	0.0		0.0	5.7	0
11	168	276.chn	4A6	6.5	44	W16	7E+05	2E+06	6.3	0.5	0.1	0.76	0.6	0.01	1.02	0.6	0.02	1.9	5.6	0.3	0.07	7.0	0.01	0.77	0.6	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	264.chn	4A6	6.5	44	ORW	8E+05	2E+06	14.7	0.4	0.2	1.21	0.5	0.02	1.76	0.4	0.02	2.4	6.1	0.4	0.07	7.0	0.01	0.27	1.3	0.01	0.0		0.0	0.0		0.0	10.3	0
11	168	201.chn	4A6	6.5	44	E24	7E+05	2E+06	7.3	0.5	0.1	0.86	0.6	0.02	1.13	0.5	0.02	2.0	5.5	0.3	0.08	6.0	0.01	0.51	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	227.chn	4A6	6.5	44	H24	7E+05	2E+06	6.9	0.5	0.1	0.76	0.7	0.02	1.07	0.5	0.02	1.8	6.2	0.3	0.07	7.0	0.01	0.59	0.7	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	202.chn	4A6	6.5	44	K24	7E+05	2E+06	6.7	0.5	0.1	0.73	0.7	0.02	0.96	0.6	0.02	1.7	6.6	0.3	0.06	7.0	0.01	0.49	0.8	0.01	0.0		0.0	0.0		0.0	5.5	0
11	168	205.chn	4A6	6.5	44	N24	7E+05	2E+06	6.3	0.6	0.1	0.81	0.6	0.01	0.97	0.6	0.02	1.4	7.8	0.3	0.06	7.0	0.01	0.57	0.7	0.01	0.0		0.0	0.0		0.0	5.9	0
11	168	228.chn	4A6	6.5	44	J25	7E+05	2E+06	7.2	0.5	0.1	0.78	0.6	0.01	1.14	0.5	0.02	1.7	6.3	0.3	0.08	6.0	0.02	0.64	0.6	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	230.chn	4A6	6.5	44	M25	7E+05	2E+06	6.3	0.6	0.1	0.77	0.7	0.02	1.01	0.6	0.02	1.6	7.1	0.3	0.06	7.0	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	5.8	0
11	168	283.chn	4A6	6.5	44	H26	7E+05	2E+06	7.9	0.5	0.1	0.87	0.6	0.02	1.23	0.5	0.02	1.8	6.2	0.3	0.08	6.0	0.01	0.66	0.6	0.01	0.0		0.0	0.0		0.0	6.7	0
11	168	200.chn	4A6	6.5	44	F27	7E+05	2E+06	6.2	0.6	0.1	0.78	0.6	0.01	0.91	0.6	0.02	1.4	7.7	0.3	0.05	8.0	0.01	0.45	0.8	0.01	0.0		0.0	0.0		0.0	5.4	0
11	168	262.chn	4A6	6.5	44	K27	7E+05	2E+06	7.3	0.5	0.1	1.02	0.5	0.02	1.26	0.5	0.02	2.1	5.6	0.3	0.08	6.0	0.01	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	290.chn	4A6	6.5	44	M27	7E+05	2E+06	6.4	0.5	0.1	1.40	0.4	0.02	1.14	0.5	0.02	1.6	7.1	0.3	0.02	8.0	0.00	0.70	0.6	0.01	0.0		0.0	0.0		0.0	7.3	0
11	168	282.chn	4A6	6.5	44	H28	7E+05	2E+06	8.1	0.5	0.1	0.89	0.6	0.02	1.30	0.5	0.02	2.2	5.3	0.3	0.08	6.0	0.01	0.66	0.6	0.01	0.0		0.0	0.0		0.0	7.0	0
11	168	279.chn	4A6	6.5	44	J28	7E+05	2E+06	7.3	0.5	0.1	0.86	0.6	0.02	1.20	0.5	0.02	2.0	5.6	0.3	0.08	6.0	0.02	0.69	0.6	0.01	0.0		0.0	0.0		0.0	6.6	0
11	168	263.chn	4A6	6.5	44	K29	7E+05	2E+06	7.2	0.5	0.1	1.01	0.5	0.02	1.23	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.68	0.6	0.01	0.0		0.0	0.0		0.0	6.8	0
11	168	291.chn	4A6	6.5	44	M29	7E+05	2E+06	6.4	0.5	0.1	1.27	0.5	0.02	1.13	0.5	0.02	1.7	6.6	0.3	0.03	8.0	0.01	0.62	0.7	0.01	0.0		0.0	0.0		0.0	6.9	0
11	168	199.chn	4A6	6.5	44	F30	7E+05	2E+06	7.1	0.5	0.1	0.96	0.5	0.01	1.11	0.5	0.02	1.9	6.0	0.3	0.06	6.0	0.01	0.52	0.7	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	281.chn	4A6	6.5	44	H30	7E+05	2E+06	7.1	0.5	0.1	0.86	0.6	0.02	1.20	0.5	0.02	1.8	6.0	0.3	0.09	6.0	0.02	0.67	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
11	168	280.chn	4A6	6.5	44	J30	7E+05	2E+06	7.0	0.5	0.1	0.81	0.6	0.01	1.15	0.5	0.02	2.0	5.7	0.3	0.07	6.0	0.01	0.71	0.6	0.01	0.0		0.0	0.0		0.0	6.3	0
11	168	187.chn	6A6	6.5	44	6W	7E+05	2E+06	6.5	0.5	0.1	0.84	0.6	0.02	1.13	0.5	0.02	2.1	5.1	0.3	0.09	5.4	0.02	0.66	0.6	0.01	0.0		0.0	0.0		0.0	5.9	0
11	168	188.chn	6A6	6.5	44	6U	7E+05	2E+06	6.7	0.5	0.1	0.89	0.6	0.02	1.17	0.5	0.02	1.5	10.2	0.4	0.63	0.7	0.01	0.00		0.00	0.0	0.0		0.0		0.0	6.0	0

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PRELIMINARY DRAFT

OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
11	168	189.chn	6A6	6.5	44	6S	7E+05	2E+06	7.0	0.5	0.1	0.93	0.6	0.02	1.25	0.5	0.02	1.6	9.9	0.5	0.08	5.3	0.01	0.60	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	190.chn	6A6	6.5	44	6Q	7E+05	2E+06	6.8	0.5	0.1	0.96	0.6	0.02	1.21	0.5	0.02	1.5	9.9	0.5	0.08	5.3	0.01	0.62	0.7	0.01	0.0		0.0	0.0		0.0	6.2	0
11	168	193.chn	6A6	6.5	44	6O	7E+05	2E+06	7.4	0.5	0.1	0.91	0.6	0.02	1.26	0.5	0.02	1.6	9.9	0.5	0.08	5.7	0.01	0.54	0.7	0.01	0.0			0.0			6.4	0
12		71.chn	3A6	6.5	44	A	7E+05	2E+06	19.0	0.6	0.3	0.85	1.4	0.04	1.48	1.0	0.04	2.5	10.8	0.8	0.06	17.0	0.03	0.01	48.0	0.02	0.0		0.0	0.0		0.0	9.9	50
12		72.chn	3A6	6.5	44	A	7E+05	2E+06	19.1	0.6	0.3	0.88	1.3	0.03	1.48	1.0	0.04	2.4	12.5	0.9	0.08	15.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	9.5	30
12	136.1	20.chn	4A6	6.5	44	I	7E+05	2E+06	24.1	0.6	0.4	1.18	1.2	0.04	2.26	0.8	0.05	8.3	4.1	1.0	0.15	11.0	0.05	0.00		0.00	0.0		0.0	0.0		0.0	13.4	30
12		19.chn	4A6	6.5	44	O	7E+05	2E+06	23.4	0.6	0.4	1.05	1.2	0.04	1.95	0.8	0.05	4.3	8.0	1.0	0.11	12.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	12.1	15
12		24.chn	4A6	6.5	44	E	7E+05	2E+06	21.3	0.6	0.4	1.21	1.1	0.04	1.84	0.9	0.05	3.9	7.8	0.9	0.10	13.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	11.9	50
12	116.1	23.chn	4A6	6.5	44	G	7E+05	2E+06	23.1	0.6	0.4	1.22	1.2	0.04	2.35	0.8	0.06	10.4	3.4	1.1	0.09	14.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	13.4	30
12		73.chn	3A6	6.5	44	B	7E+05	2E+06	18.8	0.6	0.3	0.99	1.2	0.04	1.23	1.1	0.04	2.5	11.2	0.8	0.09	13.0	0.04	0.05	10.5	0.02	0.0		0.0	0.0		0.0	9.3	30
12		18.chn	4A6	6.5	44	P	7E+05	2E+06	23.0	0.6	0.4	0.96	1.3	0.04	1.73	0.9	0.05	5.3	5.8	0.9	0.07	16.0	0.04	0.00		0.00	0.0		0.0	0.0		0.0	11.2	25
12		17.chn	4A6	6.5	44	K	7E+05	2E+06	19.0	0.6	0.3	0.99	1.2	0.04	1.96	0.8	0.05	3.5	8.1	0.9	0.06	16.0	0.03	0.00		0.00	0.7	10.8	0.2	0.0		0.0	10.8	30
12		12.chn	4A6	6.5	44	M	7E+05	2E+06	16.5	0.7	0.3	0.78	1.5	0.04	1.42	1.0	0.04	2.1	14.5	0.9	0.05	20.0	0.03	0.02	32.2	0.02	2.1	4.3	0.3	0.0		0.0	8.7	0
12		74.chn	3A6	6.5	44	C	7E+05	2E+06	23.4	0.6	0.4	1.15	1.2	0.04	1.98	0.8	0.05	3.3	9.5	0.9	0.09	13.0	0.04	0.01	42.0	0.02	0.0		0.0	0.0		0.0	12.2	10
12		14.chn	4A6	6.5	44	Q	7E+05	2E+06	14.4	0.7	0.3	0.67	1.6	0.03	1.02	1.2	0.04	2.6	10.5	0.8	0.05	19.0	0.03	0.00		0.00	3.7	2.1	0.2	0.0		0.0	7.1	0
12		16.chn	4A6	6.5	44	S	7E+05	2E+06	13.7	0.7	0.3	0.59	1.7	0.03	0.91	1.3	0.04	1.7	14.1	0.7	0.04	23.0	0.03	0.00		0.00	2.7	2.8	0.2	0.0		0.0	6.6	50
12	116.2	11.chn	4A6	6.5	44	L	7E+05	2E+06	17.5	0.7	0.4	0.86	1.4	0.04	1.67	0.9	0.05	2.6	12.6	1.0	0.09	15.0	0.04	0.02	26.2	0.02	1.0	8.8	0.3	0.0		0.0	9.7	0
12		8.chn	4A6	6.5	44	J	7E+05	2E+06	21.0	0.6	0.4	1.08	1.2	0.04	2.17	0.8	0.05	3.5	9.8	1.0	0.08	15.0	0.03	0.00		0.00	1.7	5.3	0.3	0.0		0.0	12.0	40
12		5.chn	4A6	6.5	44	D	7E+05	2E+06	18.7	0.6	0.3	0.78	1.5	0.04	1.25	1.1	0.04	2.2	13.7	0.9	0.07	16.0	0.03	0.02	28.0	0.02	0.6	13.1	0.2	0.0		0.0	8.8	0
12		75.chn	3A6	6.5	44	D	7E+05	2E+06	22.4	0.6	0.4	1.03	1.2	0.04	1.71	0.9	0.05	2.5	11.9	0.9	0.09	13.0	0.04	0.02	25.3	0.02	1.0	8.4	0.2	0.0		0.0	11.2	0
12		13.chn	4A6	6.5	44	R	7E+05	2E+06	16.0	0.7	0.3	0.67	1.7	0.03	0.99	1.3	0.04	2.0	19.8	1.2	0.06	19.0	0.03	0.03	18.9	0.02	23.2	0.6	0.4	0.0		0.0	7.6	0
12		15.chn	4A6	6.5	44	R	7E+05	2E+06	16.1	0.7	0.3	0.74	1.5	0.03	1.05	1.2	0.04	2.4	12.2	0.9	0.08	14.0	0.03	0.03	18.3	0.02	26.2	0.5	0.4	0.0		0.0	7.8	0
12		7.chn	4A6	6.5	44	H	7E+05	2E+06	17.8	0.6	0.3	0.87	1.4	0.04	1.66	0.9	0.04	3.1	9.4	0.9	0.09	14.0	0.04	0.04	15.1	0.02	4.0	2.2	0.3	1.2	23.2	0.8	9.8	40
12	136.2	6.chn	4A6	6.5	44	F	7E+05	2E+06	20.7	0.6	0.4	0.92	1.3	0.04	1.77	0.9	0.05	2.4	12.2	0.9	0.11	13.0	0.04	0.04	14.6	0.02	1.2	6.8	0.2	0.0		0.0	10.8	15
12	120.2	26.chn	4A6	6.5	44	U	7E+05	2E+06	22.2	0.6	0.4	1.21	1.1	0.04	2.06	0.8	0.05	3.0	10.7	1.0	0.09	13.0	0.04	0.02	33.1	0.02	44.5	0.4	0.5	1.3	32.3	1.3	12.6	40
12	136.2	25.chn	4A6	6.5	44	T	7E+05	2E+06	17.4	0.3	0.2	0.86	0.7	0.02	0.98	0.6	0.02	2.3	6.0	0.4	0.08	7.0	0.02	0.04	7.2	0.01	9.6	0.5	0.1	0.9	13.3	0.4	7.9	10
12		1.chn	40447	1	12.4	T (H)	7E+05	2E+06	14.5	0.8	0.3	0.74	1.5	0.03	0.81	1.3	0.03	2.5	11.1	0.8	0.03	17.0	0.01	0.07	8.6	0.02	1.2	1.9	0.1	0.0		0.0	6.9	0
12	120.1	27.chn	4A6	6.5	44	V	7E+05	2E+06	13.6	0.7	0.3	0.88	1.3	0.03	1.02	1.2	0.04	3.6	7.9	0.9	0.13	10.0	0.04	0.10	5.7	0.02	80.1	0.2	0.5	4.8	5.5	0.8	9.4	0
12	120.1	28.chn	4A6	6.5	44	N	7E+05	2E+06	46.8	0.4	0.6	1.92	1.2	0.07	3.10	0.9	0.08	87.7	1.2	3.2	1.71	3.0	0.15	0.76	1.8	0.04	7990.0	0.1	12.0	403.0	0.3	3.6	142.0	50
12	120.1	31.chn	4A6	6.5	44	N	7E+05	2E+06	42.1	0.4	0.5	1.76	1.2	0.06	2.85	0.9	0.08	84.4	1.2	3.0	1.56	3.0	0.14	0.61	2.1	0.04	6990.0	0.1	10.5	356.0	0.3	3.2	116.0	0
12	147.2	109.chn	4A6	6.5	44	3D	7E+05	2E+06	11.0	0.4	0.1	0.66	1.1	0.02	1.03	0.8	0.02	19.3	1.1	0.6	0.17	6.0	0.03	0.05	8.6	0.01	0.0		0.0	0.0		0.0	9.5	30
13	148	106.chn	4A6	6.5	44	3C	7E+05	2E+06	17.6	0.6	0.3	0.95	1.2	0.03	1.10	1.2	0.04	1.9	13.9	0.8	0.09	13.0	0.03	0.03	20.2	0.02	0.0		0.2	0.0		1.2	8.2	0
13	148	103.chn	4A6	6.5	44	ZZ	7E+05	2E+06	18.8	0.6	0.3	0.94	1.3	0.04	1.52	0.9	0.04	2.2	12.4	0.8	0.09	13.0	0.03	0.04	12.7	0.02	0.0		0.2	0.0		1.2	9.6	50
13	148	105.chn	4A6	6.5	44	3B	7E+05	2E+06	17.5	0.6	0.3	0.81	1.4	0.03	1.01	1.3	0.04	1.7	15.5	0.8	0.08	14.0	0.03	0.01	39.0	0.02	0.0		0.2	0.0		1.2	7.9	40
13	148	104.chn	4A6	6.5	44	3A	7E+05	2E+06	17.6	0.6	0.3	1.03	1.2	0.04	1.11	1.2	0.04	1.9	13.8	0.8	0.08	13.0	0.03	0.03	21.3	0.02	0.0		0.2	0.0		1.2	8.7	50
13	128	70.chn	4A6	6.5	44	BB	7E+05	2E+06	19.5	0.6	0.4	0.92	1.3	0.04	1.20	1.1	0.04	1.8	21.4	1.1	0.08	13.0	0.03	0.01	47.0	0.02	0.0		0.2	0.0		1.2	8.8	15
13	171	69.chn	4A6	6.5	44	AA	7E+05	2E+06	17.2	0.6	0.3	0.85	1.3	0.03	0.95	1.3	0.04	1.8	14.3	0.8	0.08	13.0	0.03	0.02	24.7	0.01	0.0		0.2	0.0		1.2	7.6	40
13	171	67.chn	4A6	6.5	44	Y	7E+05	2E+06	20.4	0.6	0.4	1.00	1.2	0.04	0.97	1.3	0.04	2.1	12.7	0.8	0.05	16.0	0.03	0.01	43.0	0.02	0.0		0.2	0.0		1.2	8.5	10
13	134	66.chn	4A6	6.5	44	X	7E+05	2E+06	20.2	0.6	0.4	1.16	1.1	0.04	1.23	1.1	0.04	2.3	12.1	0.8	0.09	12.0	0.03	0.03	17.9	0.02	0.0		0.2	0.0		1.2	9.5	10
13	128	68.chn	4A6	6.5	44	Z	7E+05	2E+06	21.8	0.6	0.4	1.02	1.2	0.04	1.36	1.0	0.04	2.6	13.0	1.0	0.08	14.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	9.8	5
13	191	77.chn	4A6	6.5	44	FF	7E+05	2E+06	22.2	0.6	0.4	0.98	1.2	0.04	1.47	1.0	0.04	2.1	13.5	0.9	0.10	13.0	0.04	0.02	30.1	0.02	0.0		0.2	0.0		1.2	10.4	50
13	157.1	74.chn	4A6	6.5	44	CC	7E+05	2E+06	20.1	0.6	0.4	0.92	1.3	0.04	1.46	1.0	0.04	2.3	11.7	0.8	0.07	15.0	0.03	0.01	41.0	0.02	0.0		0.2	0.0		1.2	9.6	50
13	157.1	76.chn	4A6	6.5	44	EE	7E+05	2E+06	16.7	0.7	0.4	0.74	1.5	0.03	1.39	1.0	0.04	2.5	12.6	0.9	0.08	15.0	0.03	0.01	40.0	0.02	0.0		0.2	0.0		1.2	8.3	40
13	157.1	75.chn	4A6	6.5	44	DD	7E+05	2E+06	17.7	0.6	0.3	0.75	1.5	0.03	1.23	1.1	0.04	2.7	11.7	0.9	0.07	16.0	0.03	0.02	34.0	0.02	0.0		0.2	0.0		1.2	8.2	40
13	157.1	78.chn	4A6	6.5	44	GG	7E+05	2E+06	22.2	0.6	0.4	0.86	1.4	0.04	1.54	0.9	0.04	2.5	11.6	0.9	0.10	13.0	0.04	0.00		0.02	0.0		0.2	0.0		1.2	10.3	0
13	186	48.chn	4A6	6.5	44	J	8E+05	2E+06	19.1	0.6	0.3	0.95	1.2	0.03	1.05	1.2	0.04	2.2	12.1	0.8	0.04	18.0	0.02	0.00		0.02	0.0		0.2	0.0		1.2	8.3	10
13		102.chn	4A6	6.5	44	YY	7E+05	2E+06	23.4	0.6	0.4	0.97	1.3	0.04	1.63	0.9	0.04	2.4	12.1	0.9	0.07	15.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	10.9	50
13	157.1	79.chn	4A6	6.5	44	HH	7E+05	2E+06	20.2	0.6	0.4	0.83	1.4	0.03	1.22	1.1	0.04	2.0	13.9	0.8	0.09	13.0	0.04	0.02	22.3	0.02	0.0		0.2	0.0		1.2	9.1	15
13	158	71.chn	4A6	6.5	44	V	7E+05	2E+06	16.2	0.7	0.3	0.71	1.5	0.03	1.01	1.2	0.04	1.8	13.8	0.8	0.07	16.0	0.03	0.04	13.4	0.02	0.0		0.2	0.0		1.2	7.5	50

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
13	186	47.chn	4A6	6.5	44	I	8E+05	2E+06	16.6	0.7	0.3	0.83	1.3	0.03	1.04	1.2	0.04	2.0	12.7	0.8	0.09	13.0	0.04	0.00		0.02	0.2	45.0	0.2	0.0		1.2	7.7	70
13	152	287.chn	4A6	6.5	44	5B	7E+05	2E+06	19.7	0.3	0.2	0.77	0.7	0.02	1.12	0.6	0.02	1.8	7.5	0.4	0.05	9.0	0.01	0.04	7.2	0.01	0.2	15.3	0.1	0.0		1.2	8.4	0
13	158	64.chn	4A6	6.5	44	U	7E+05	2E+06	15.4	0.7	0.3	1.02	1.1	0.03	1.11	1.2	0.04	2.0	13.1	0.8	0.04	18.0	0.02	0.03	17.3	0.02	0.0		0.2	0.0		1.2	7.9	30
13	117.3	49.chn	4A6	6.5	44	K	7E+05	2E+06	13.8	0.7	0.3	0.82	1.3	0.03	1.18	1.1	0.04	2.7	11.4	0.9	0.09	13.0	0.03	0.07	7.0	0.02	0.3	23.7	0.2	0.0		1.2	7.5	5
13	117.1	33.chn	6A6	6.5	44	4W	8E+05	2E+06	20.5	0.3	0.2	0.80	0.7	0.02	1.25	0.5	0.02	2.2	6.3	0.4	0.08	7.4	0.02	0.09	31.6	0.08	0.0		0.2	0.0		0.4	8.7	0
13	152	286.chn	4A6	6.5	44	5A	7E+05	2E+06	14.0	0.4	0.2	0.71	0.7	0.01	0.98	0.6	0.02	1.8	6.8	0.4	0.07	8.0	0.02	0.06	4.4	0.01	0.3	11.0	0.1	0.0		0.4	6.8	0
13	117.3	51.chn	4A6	6.5	44	N	7E+05	2E+06	13.7	0.7	0.3	0.70	1.4	0.03	0.99	1.2	0.04	2.2	11.3	0.7	0.04	19.0	0.03	0.06	9.0	0.02	0.2	29.0	0.2	0.0		1.2	6.9	0
13	158	63.chn	4A6	6.5	44	T	7E+05	2E+06	20.1	0.6	0.4	1.12	1.1	0.04	1.31	1.1	0.04	2.3	13.0	0.9	0.03	18.0	0.02	0.00		0.02	0.5	15.0	0.2	0.0		1.2	9.6	0
13	158	62.chn	4A6	6.5	44	S	7E+05	2E+06	20.9	0.6	0.4	0.99	1.2	0.04	1.23	1.1	0.04	1.9	14.7	0.8	0.07	15.0	0.03	0.00		0.02	0.3	23.5	0.2	0.0		1.2	9.6	0
13	117.2	58.chn	4A6	6.5	44	R	7E+05	2E+06	21.7	0.6	0.4	0.91	1.3	0.04	1.27	1.1	0.04	1.9	14.5	0.8	0.05	19.0	0.03	0.02	26.4	0.02	0.8	9.2	0.2	0.0		1.2	9.5	0
13	117.1	38.chn	4A6	6.5	44	C	8E+05	2E+06	16.2	0.7	0.3	0.82	1.4	0.03	1.50	0.9	0.04	2.8	9.4	0.8	0.09	13.0	0.04	0.03	20.6	0.02	0.5	13.7	0.2	0.0		1.2	8.5	25
13	117.2	65.chn	4A6	6.5	44	W	7E+05	2E+06	20.6	0.6	0.4	1.10	1.1	0.04	1.51	1.0	0.05	2.3	13.2	0.9	0.08	13.0	0.03	0.01	46.0	0.02	0.9	8.9	0.2	0.0		1.2	10.2	20
13	117.3	50.chn	4A6	6.5	44	L	7E+05	2E+06	15.7	0.7	0.3	0.82	1.3	0.03	1.11	1.1	0.04	2.2	11.5	0.8	0.08	14.0	0.03	0.03	17.4	0.02	0.6	13.1	0.2	0.0		1.2	7.8	0
13	117.1	39.chn	4A6	6.5	44	A	8E+05	2E+06	16.3	0.7	0.3	0.81	1.4	0.03	1.39	1.0	0.04	2.2	12.1	0.8	0.08	13.0	0.03	0.02	25.6	0.02	1.2	6.7	0.2	0.0		1.2	8.4	25
13	117.1	37.chn	4A6	6.5	44	D	8E+05	2E+06	11.7	0.8	0.3	0.67	1.5	0.03	0.94	1.3	0.04	2.1	12.9	0.8	0.07	15.0	0.03	0.02	21.1	0.01	2.0	3.9	0.2	0.0		1.2	6.4	10
13	117.1	44.chn	4A6	6.5	44	H	7E+05	2E+06	17.0	0.7	0.4	1.04	1.2	0.04	1.60	0.9	0.04	2.5	10.7	0.8	0.08	13.0	0.03	0.02	34.0	0.02	3.6	2.4	0.3	0.0		1.2	9.4	25
13	117.3	52.chn	4A6	6.5	44	M	7E+05	2E+06	18.8	0.6	0.3	0.74	1.5	0.03	1.12	1.2	0.04	2.4	11.1	0.8	0.06	18.0	0.03	0.04	13.7	0.02	0.8	10.1	0.2	0.0		1.2	8.3	0
13	117.2	57.chn	4A6	6.5	44	Q	7E+05	2E+06	18.5	0.6	0.3	1.00	1.2	0.04	1.74	0.8	0.04	2.4	11.5	0.8	0.10	12.0	0.03	0.02	22.9	0.02	6.3	1.5	0.3	0.0		1.2	10.0	0
13	117.2	56.chn	4A6	6.5	44	P	7E+05	2E+06	19.8	0.6	0.4	0.88	1.3	0.03	1.40	1.0	0.04	2.4	12.5	0.9	0.06	17.0	0.03	0.02	38.0	0.02	3.6	2.4	0.3	0.0		1.2	9.4	0
13	117.2	55.chn	4A6	6.5	44	O	7E+05	2E+06	21.8	0.6	0.4	0.93	1.3	0.04	1.44	1.0	0.04	2.8	12.0	1.0	0.06	17.0	0.03	0.02	24.5	0.02	1.7	4.9	0.2	0.0		1.2	10.0	0
13	117.1	32.chn	6A6	6.5	44	6V	8E+05	2E+06	22.2	0.3	0.2	1.07	0.6	0.02	1.46	0.5	0.02	2.3	6.2	0.4	0.09	6.3	0.02	0.01	22.2	0.01	0.0		0.1	0.0		0.4	9.9	20
13		82.chn	4A6	6.5	44	H	7E+05	2E+06	18.8	0.7	0.4	0.90	1.3	0.04	1.15	1.2	0.04	2.1	16.7	1.1	0.06	17.0	0.03	0.02	29.3	0.02	0.5	15.5	0.2	0.0		1.2	8.7	15
13	117.1	42.chn	4A6	6.5	44	B	8E+05	2E+06	13.6	0.7	0.3	0.91	1.2	0.03	1.08	1.2	0.04	2.0	14.0	0.8	0.12	10.0	0.04	0.03	19.0	0.01	1.5	5.4	0.2	0.0		1.2	7.5	5
13	117.1	43.chn	4A6	6.5	44	E	8E+05	2E+06	13.5	0.7	0.3	0.94	1.2	0.03	1.05	1.2	0.04	2.1	12.0	0.8	0.08	13.0	0.03	0.02	26.0	0.01	3.9	2.2	0.3	0.0		1.2	7.4	25
13	197	359.chn	4A6	6.5	44	5E	8E+05	2E+06	20.7	0.3	0.2	0.99	0.6	0.02	1.38	0.5	0.02	1.9	7.5	0.4	0.05	8.3	0.01	0.09	28.4	0.08	0.3	11.8	0.1	0.4	41.0	0.5	9.7	10
13	197	45.chn	4A6	6.5	44	F	7E+05	2E+06	21.3	0.6	0.4	1.21	1.1	0.04	1.50	1.0	0.05	3.4	9.5	1.0	0.10	12.0	0.04	0.01	40.0	0.02	22.3	0.6	0.4	1.1	35.0	1.2	10.7	5
13	197	59.chn	4A6	6.5	44	F	7E+05	2E+06	20.6	0.3	0.2	1.04	0.6	0.02	1.43	0.5	0.02	2.7	5.5	0.4	0.08	7.0	0.02	0.01	20.5	0.01	20.5	0.3	0.2	0.6	30.4	0.6	10.1	0
13	197	46.chn	4A6	6.5	44	G	7E+05	2E+06	18.3	0.6	0.3	0.99	1.2	0.04	1.18	1.1	0.04	2.7	11.5	0.9	0.08	13.0	0.03	0.02	25.6	0.02	47.7	0.4	0.6	0.0		1.2	9.3	20
13	197	357.chn	4A6	6.5	44	5C	8E+05	2E+06	23.4	0.3	0.2	1.05	0.6	0.02	1.52	0.5	0.02	2.6	5.7	0.4	0.06	8.2	0.01	0.10	28.9	0.09	2.0	2.2	0.1	0.8	16.7	0.4	10.8	15
13		83.chn	4A6	6.5	44	JJ	7E+05	2E+06	18.4	0.6	0.3	1.01	1.2	0.04	1.23	1.1	0.04	2.5	11.1	0.8	0.08	13.0	0.03	0.04	13.1	0.02	1.9	4.3	0.3	0.0		1.2	8.8	20
13	197	358.chn	4A6	6.5	44	5D	7E+05	2E+06	23.1	0.3	0.2	1.11	0.6	0.02	1.52	0.5	0.02	5.6	3.0	0.5	0.13	5.5	0.02	0.02	15.8	0.01	82.6	0.1	0.2	3.4	4.4	0.5	12.2	5
13		84.chn	4A6	6.5	44	KK	7E+05	2E+06	20.6	0.6	0.4	1.00	1.2	0.04	1.08	1.2	0.04	3.8	7.6	0.9	0.09	13.0	0.04	0.00		0.01	1.6	5.2	0.2	0.0		1.2	9.0	30
13		85.chn	4A6	6.5	44	LL	7E+05	2E+06	19.0	0.6	0.3	1.09	1.2	0.04	1.11	1.3	0.04	6.5	5.0	1.0	0.09	14.0	0.04	0.02	37.0	0.02	0.0		0.2	0.0		1.2	9.4	25
13		86.chn	4A6	6.5	44	MM	7E+05	2E+06	20.7	0.6	0.4	1.21	1.2	0.04	1.67	1.0	0.05	13.1	2.8	1.1	0.12	13.0	0.05	0.00		0.02	0.0		0.2	0.0		1.2	12.2	30
13		87.chn	4A6	6.5	44	NN	7E+05	2E+06	21.6	0.6	0.4	1.09	1.2	0.04	1.31	1.1	0.04	5.4	6.0	1.0	0.06	17.0	0.03	0.01	47.0	0.02	0.0		0.2	0.0		1.2	10.2	0
13		88.chn	4A6	6.5	44	OO	7E+05	2E+06	20.4	0.6	0.4	1.26	1.0	0.04	1.49	1.0	0.04	2.5	12.4	0.9	0.07	15.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	10.8	0
13		89.chn	4A6	6.5	44	PP	7E+05	2E+06	16.7	0.7	0.4	1.02	1.2	0.04	1.15	1.2	0.04	2.0	15.4	0.9	0.09	13.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	8.8	15
13		92.chn	4A6	6.5	44	QQ	7E+05	2E+06	19.8	0.6	0.4	1.01	1.2	0.04	1.42	1.0	0.04	2.7	11.5	0.9	0.06	17.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	9.9	40
13		93.chn	4A6	6.5	44	RR	7E+05	2E+06	20.7	0.6	0.4	1.00	1.2	0.04	1.40	1.0	0.04	3.7	8.7	1.0	0.07	15.0	0.03	0.00		0.02	0.0		0.2	0.0		1.2	9.7	60
13		94.chn	4A6	6.5	44	SS	7E+05	2E+06	19.0	0.6	0.3	1.10	1.1	0.04	1.14	1.2	0.04	8.8	3.8	1.0	0.10	13.0	0.04	0.05	11.1	0.02	0.3	32.0	0.3	0.0		1.2	9.3	10
13		96.chn	4A6	6.5	44	TT	7E+05	2E+06	15.0	0.7	0.3	0.85	2.5	0.06	1.09	2.2	0.07	49.9	1.3	1.9	0.60	6.0	0.11	0.10	13.0	0.04	1.8	6.4	0.4	0.0		1.2	23.0	40
13		97.chn	4A6	6.5	44	UU	7E+05	2E+06	22.0	0.6	0.4	0.96	1.3	0.04	1.22	1.2	0.04	4.4	7.2	0.9	0.07	16.0	0.04	0.03	21.6	0.02	0.3	26.8	0.3	0.0		1.2	9.8	0
13		98.chn	4A6	6.5	44	VV	7E+05	2E+06	17.8	0.7	0.4	0.93	1.3	0.04	1.26	1.1	0.04	1.8	16.6	0.9	0.06	18.0	0.03	0.06	9.4	0.02	1.4	6.5	0.3	0.0		1.2	8.9	0
13		100.chn	4A6	6.5	44	WW	7E+05	2E+06	15.9	0.8	0.4	0.81	1.5	0.04	1.09	1.3	0.04	2.2	13.2	0.9	0.05	20.0	0.03	0.05	11.7	0.02	1.4	6.1	0.3	0.0		1.2	7.8	0
13		99.chn	4A6	6.5	44	WW	7E+05	2E+06	15.4	0.7	0.3	0.84	1.4	0.04	1.08	1.2	0.04	2.0	13.5	0.8	0.06	17.0	0.03	0.04	12.7	0.02	1.4	5.7	0.2	0.0		1.2	7.8	0
13		101.chn	4A6	6.5	44	XX	7E+05	2E+06	16.9	0.7	0.4	0.80	1.4	0.03	1.27	1.1	0.04	0.0		0.8	0.09	14.0	0.04	0.06	9.4	0.02	3.4	2.6	0.3	0.0		1.2	8.6	0
13	197	196.chn	6A6	6.5	44	9X	7E+05	2E+06	15.5	0.3	0.1	0.93	0.6	0.02	1.12	0.6	0.02	3.3	6.2	0.6	0.11	5.8	0.02	0.05	6.2	0.01	127.0	0.1	0.4	2.2	6.2	0.4	9.4	40
13	197	197.chn	6A6	6.5	44	9Y	7E+05	2E+06	18.2	0.3	0.2	1.09	0.6	0.02	1.33	0.5	0.02	3.4	6.2	0.6	0.09	6.3	0.02	0.03	10.3	0.01	79.6	0.1	0.2	1.8	7.9	0.4	9.9	5
13	117.2	198.chn	6A6	6.5	44	9Z	7E+05	2E+06	21.2	0.3	0.2	1.21	0.5	0.02	1.76	0.4	0.02	2.3	9.5	0.6	0.07	6.9	0.02	0.02	16.7	0.01	14.6	0.4	0.2	0.7	29.9	0.6	10.7	20

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
13		207.chn	6A6	6.5	44	10E	8E+05	2E+06	11.5	0.4	0.1	0.70	0.7	0.01	0.93	0.6	0.02	1.7	10.1	0.3	0.06	7.5	0.01	0.02	10.1	0.01	2.2	1.8	0.1	0.0		0.4	5.9	30
13		210.chn	6A6	6.5	44	10F	7E+05	2E+06	34.1	0.3	0.3	1.52	0.7	0.03	2.42	0.5	0.04	10.4	4.1	1.3	0.18	1.6	0.06	0.64	1.0	0.02	468.0	0.0	0.2	27.2	1.1	0.9	70.6	0
13		213.chn	6A6	6.5	44	10G	7E+05	2E+06	20.9	0.3	0.2	0.87	0.7	0.02	1.46	0.5	0.02	5.4	4.1	0.7	0.09	7.0	0.02	0.01	35.0	0.01	5.2	1.0	0.2	1.0	15.2	0.4	9.6	10
13		214.chn	6A6	6.5	44	10H	7E+05	2E+06	21.2	0.3	0.2	0.88	0.7	0.02	1.55	0.5	0.02	4.9	5.6	0.8	0.20	4.5	0.03	0.08	4.2	0.01	452.0	0.0	0.2	8.9	1.9	0.5	15.5	10
13		215.chn	6A6	6.5	44	10I	8E+05	2E+06	18.9	0.3	0.2	0.76	0.8	0.02	1.24	0.5	0.02	1.5	13.4	0.6	0.08	7.5	0.17	0.00		0.01	0.0		0.1	0.0		0.4	8.0	30
14	161	158.chn	4A6	6.5	44	4G	7E+05	2E+06	16.2	0.4	0.2	0.74	0.8	0.02	1.04	0.6	0.02	1.7	8.3	0.4	0.06	9.0	0.02	0.05	6.1	0.01	7.1	0.7	0.1	0.0		0.0	7.7	15
14	161	159.chn	4A6	6.5	44	4H	7E+05	2E+06	16.5	0.3	0.1	0.64	0.9	0.02	1.11	0.6	0.02	1.7	8.0	0.4	0.05	10.0	0.02	0.02	12.1	0.01	11.8	0.4	0.1	1.3	10.5	0.4	7.9	0
14	161	164.chn	4A6	6.5	44	4K	7E+05	2E+06	14.6	0.4	0.2	0.78	0.7	0.02	0.86	0.7	0.02	2.3	5.8	0.4	0.06	8.0	0.02	0.03	8.9	0.01	8.5	0.6	0.2	1.8	6.8	0.4	7.2	50
14	160	163.chn	4A6	6.5	44	4J	7E+05	2E+06	20.2	0.3	0.2	1.09	0.6	0.02	1.25	0.5	0.02	2.0	6.9	0.4	0.05	8.0	0.01	0.02	12.4	0.01	1.5	2.7	0.1	0.0		0.0	9.4	0
14	160	162.chn	4A6	6.5	44	4I	7E+05	2E+06	20.1	0.3	0.2	1.01	0.6	0.02	1.17	0.6	0.02	2.1	6.8	0.4	0.05	8.0	0.01	0.03	9.5	0.01	12.4	0.4	0.1	0.5	36.0	0.5	9.1	25
14	162	140.chn	4A6	6.5	44	3U	7E+05	2E+06	20.1	0.3	0.2	1.14	0.6	0.02	1.86	0.4	0.02	3.1	4.8	0.4	0.08	7.0	0.02	0.01	35.0	0.01	0.0		0.0	0.0		0.0	11.0	50
14	162	141.chn	4A6	6.5	44	3V	7E+05	2E+06	16.3	0.3	0.1	1.09	0.6	0.02	0.92	0.7	0.02	4.9	3.0	0.4	0.05	8.0	0.01	0.00		0.00	1.3	3.3	0.1	0.0		0.0	8.3	60
14	162	143.chn	4A6	6.5	44	3X	7E+05	2E+06	18.3	0.3	0.2	0.88	0.7	0.02	0.95	0.7	0.02	6.7	2.2	0.4	0.10	6.0	0.02	0.00		0.00	0.0		0.0	0.0		0.0	8.3	60
14	162	17.chn	6A6	6.5	44	6M	7E+05	2E+06	10.6	0.4	0.1	0.72	0.7	0.02	0.84	0.7	0.02	2.6	5.4	0.4	0.16	4.8	0.02	0.03	7.5	0.01	28.2	0.3	0.3	8.0	1.7	0.4	6.5	60
14	162	18.chn	6A6	6.5	44	6N	7E+05	2E+06	24.3	0.3	0.2	1.26	0.6	0.02	2.02	0.4	0.02	4.8	5.5	0.8	0.14	6.3	0.03	0.12	3.1	0.01	1070.0	0.0	0.0	45.9	0.5	0.7	26.3	5
14	162	142.chn	4A6	6.5	44	3W	7E+05	2E+06	19.6	0.3	0.2	1.01	0.6	0.02	0.97	0.7	0.02	5.6	2.7	0.5	0.06	8.0	0.01	0.01	48.0	0.01	0.0		0.0	0.0		0.0	8.8	60
14	162	24.chn	6A6	6.5	44	6R	8E+05	2E+06	18.9	0.3	0.2	0.99	0.7	0.02	1.59	0.5	0.02	2.3	7.6	0.5	0.08	9.1	0.02	0.05	7.3	0.01	0.7	5.9	0.1	5.7	3.4	0.6	10.9	10
14	162	27.chn	6A6	6.5	44	6S	8E+05	2E+06	16.0	0.3	0.1	0.82	0.7	0.02	1.45	0.5	0.02	2.3	5.8	0.4	0.07	7.7	0.02	0.01	21.9	0.01	1.7	2.1	0.1	1.4	9.8	0.4	8.1	50
14	162	28.chn	6A6	6.5	44	6T	8E+05	2E+06	17.0	0.3	0.2	0.88	0.7	0.02	1.33	0.5	0.02	2.4	5.5	0.4	0.06	7.9	0.01	0.01	21.3	0.01	0.0		0.0	0.0		0.0	8.2	20
14	162	22.chn	6A6	6.5	44	6P	8E+05	2E+06	19.5	0.3	0.2	0.87	0.7	0.02	1.42	0.5	0.02	2.2	7.1	0.5	0.08	7.8	0.02	0.02	18.2	0.01	8.6	0.6	0.2	7.2	2.2	0.5	9.6	30
14	162	19.chn	6A6	6.5	44	6O	7E+05	2E+06	19.9	0.3	0.2	1.06	0.6	0.02	1.63	0.5	0.02	2.6	6.1	0.5	0.07	8.0	0.02	0.03	12.0	0.01	91.5	0.1	0.3	5.0	3.2	0.5	11.2	5
14	162	144.chn	4A6	6.5	44	3Y	7E+05	2E+06	18.0	0.3	0.2	0.87	0.7	0.02	1.03	0.6	0.02	8.3	1.9	0.5	0.10	7.0	0.02	0.02	16.4	0.01	0.0		0.0	0.0		0.0	8.8	50
14	162	23.chn	6A6	6.5	44	6Q	8E+05	2E+06	19.1	0.3	0.2	0.95	0.7	0.02	1.68	0.4	0.02	2.8	5.2	0.4	0.09	6.9	0.02	0.01	23.7	0.01	0.4	10.7	0.1	1.5	9.6	0.4	9.6	30
14	164.3	112.chn	4A6	6.5	44	3G	7E+05	2E+06	18.9	0.3	0.2	0.76	1.0	0.02	1.22	0.7	0.03	21.9	0.9	0.6	0.34	3.0	0.03	0.04	10.8	0.01	0.3	16.1	0.1	0.0		0.0	13.0	0
14	131	29.chn	6A6	6.5	44	6U	8E+05	2E+06	12.8	0.4	0.2	0.73	0.7	0.02	0.79	0.7	0.02	1.6	7.7	0.4	0.05	8.9	0.01	0.01	28.5	0.01	0.9	3.8	0.1	0.0		0.0	6.2	25
14	164.3	127.chn	4A6	6.5	44	3L	7E+05	2E+06	16.3	0.3	0.1	0.81	0.9	0.02	1.09	0.8	0.03	26.0	0.8	0.6	0.31	4.0	0.04	0.05	9.1	0.01	0.0		0.0	0.0		0.0	12.7	0
14	164.3	113.chn	4A6	6.5	44	3H	7E+05	2E+06	18.4	0.3	0.2	0.92	0.9	0.02	1.20	3.0	0.11	29.3	0.8	0.7	0.44	3.0	0.04	0.02	29.6	0.01	0.0		0.0	0.0		0.0	15.5	0
14	164.2	137.chn	4A6	6.5	44	3T	7E+05	2E+06	19.3	0.3	0.2	1.05	0.6	0.02	1.35	0.5	0.02	4.5	3.4	0.5	1.74	1.0	0.05	0.02	13.6	0.01	0.0		0.0	0.0		0.0	9.8	0
14	164.2	136.chn	4A6	6.5	44	3S	7E+05	2E+06	20.9	0.3	0.2	1.14	0.6	0.02	1.39	0.5	0.02	4.8	3.3	0.5	0.06	8.0	0.01	0.02	18.3	0.01	0.0		0.0	0.0		0.0	10.1	50
14	164.2	135.chn	4A6	6.5	44	3R	7E+05	2E+06	18.5	0.3	0.2	1.16	0.6	0.02	1.68	0.4	0.02	3.7	4.1	0.5	0.05	8.0	0.01	0.03	11.0	0.01	0.0		0.0	0.0		0.0	10.4	60
14	164.2	134.chn	4A6	6.5	44	3Q	7E+05	2E+06	15.2	0.3	0.1	1.15	0.5	0.02	1.26	0.5	0.02	2.2	6.4	0.4	0.07	7.0	0.01	0.05	5.3	0.01	0.1	27.7	0.1	0.0		0.0	8.5	50
14	164.2	133.chn	4A6	6.5	44	3P	7E+05	2E+06	10.8	0.4	0.1	0.96	0.6	0.02	0.93	0.6	0.02	1.9	6.9	0.4	0.04	9.0	0.01	0.07	3.9	0.01	0.0		0.0	0.0		0.0	6.6	75
14	161	96.chn	6A6	6.5	44	664E	7E+05	2E+06	24.2	0.5	0.4	0.82	1.7	0.04	1.25	1.3	0.05	16.5	2.4	1.2	0.12	13.9	0.05	0.00		0.00	30.5	0.5	0.5	4.4	8.5	1.1	11.6	40
14	161	99.chn	6A6	6.5	44	664H	7E+05	2E+06	13.8	0.6	0.2	0.62	1.4	0.03	0.54	1.5	0.02	1.7	12.3	0.6	0.03	14.9	0.01	0.00		0.00	19.7	0.5	0.3	3.5	5.9	0.6	6.1	35
BKG		12.chn	5A6	6.5	44	5W	8E+05	2E+06	6.8	0.5	0.1	0.92	0.6	0.02	1.04	0.6	0.02	1.8	6.3	0.3	0.06	6.4	0.01	0.84	0.5	0.01	0.0		0.0	0.0		0.0	6.1	0
BKG		13.chn	5A6	6.5	44	5X	8E+05	2E+06	12.4	0.4	0.1	1.13	0.5	0.02	1.25	0.5	0.02	2.3	5.8	0.4	0.10	5.5	0.02	0.78	0.6	0.01	0.0		0.0	0.0		0.0	8.3	0
BKG		4.chn	5A6	6.5	44	5S	8E+05	2E+06	8.2	0.5	0.1	0.68	0.7	0.01	1.02	0.6	0.02	1.8	6.0	0.3	0.08	6.2	0.01	0.78	0.6	0.01	0.0		0.0	0.0		0.0	6.0	0
BKG		16.chn	5A6	6.5	44	5Y	7E+05	2E+06	5.2	0.6	0.1	0.79	0.6	0.01	1.04	0.5	0.02	1.9	5.5	0.3	0.07	6.5	0.01	0.64	0.6	0.01	0.1	33.0	0.1	0.0		0.0	5.5	0
BKG		22.chn	5A6	6.5	44	5Y	7E+05	2E+06	5.3	0.6	0.1	0.74	0.7	0.02	1.06	0.5	0.02	1.8	5.7	0.3	0.07	6.1	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	5.5	0
BKG		21.chn	5A6	6.5	44	6B	7E+05	2E+06	5.1	0.6	0.1	0.72	0.7	0.02	1.11	0.5	0.02	2.0	5.2	0.3	0.08	5.8	0.01	0.56	0.7	0.01	0.0		0.0	0.0		0.0	5.5	0
BKG		17.chn	5A6	6.5	44	5Z	7E+05	2E+06	6.2	0.5	0.1	0.80	0.6	0.01	0.88	0.6	0.02	1.7	6.4	0.3	0.05	7.8	0.01	0.63	0.7	0.01	0.1	42.0	0.1	0.0		0.0	5.4	0
BKG		23.chn	5A6	6.5	44	5Z	7E+05	2E+06	6.2	0.6	0.1	0.70	0.7	0.01	0.90	0.6	0.02	1.6	6.8	0.3	0.06	7.2	0.01	0.63	0.6	0.01	0.0		0.0	0.0		0.0	5.2	0
BKG		9.chn	5A6	6.5	44	5V	8E+05	2E+06	11.5	0.4	0.1	0.67	0.8	0.02	0.90	0.6	0.02	1.9	6.2	0.4	0.08	6.8	0.02	0.35	1.0	0.01	0.0		0.0	0.0		0.0	6.1	0
BKG		18.chn	5A6	6.5	44	6A	8E+05	2E+06	9.5	0.4	0.1	0.87	0.6	0.02	1.00	0.6	0.02	1.8	6.4	0.3	0.07	6.3	0.01	0.65	0.6	0.01	0.0		0.0	0.0		0.0	6.4	0
BKG		8.chn	5A6	6.5	44	5U	7E+05	2E+06	12.3	0.4	0.1	0.88	0.6	0.02	1.25	0.5	0.02	1.9	6.9	0.4	0.10	5.9	0.02	0.21	1.5	0.01	0.0		0.0	0.0		0.0	7.6	0
BKG		3.chn	5A6	6.5	44	5R	8E+05	2E+06	11.6	0.4	0.1	0.75	0.7	0.02	1.08	0.6	0.02	2.0	6.1	0.4	0.08	6.6	0.02	0.35	1.0	0.01	0.0		0.0	0.0		0.0	6.8	0
BKG		7.chn	5A6	6.5	44	5T	7E+05	2E+06	12.8	0.4	0.2	0.93	0.6	0.02	1.21	0.5	0.02	2.3	5.8	0.4	0.10	5.7	0.02	0.36	1.0	0.01	0.0		0.0	0.0		0.0	7.8	0
CnY		388.chn	4A6	6.5	44	5P	7E+05	2E+06	10.0	0.4	0.1	0.75	0.7	0.02	0.77	0.7	0.02	1.7	6.7	0.3	0.05	8.2	0.01	0.07	3.7	0.01	0.0		0.0	0.0		0.0	5.7	0
CnY		389.chn	4A6	6.5	44	5Q	7E+05	2E+06	9.8	0.4	0.1	0.93	0.6	0.02	0.72	0.8	0.02	1.5	8.2	0.4	0.05	7.9	0.01	0.01	15.2	0.01	0.0		0.0	0.0		0.0	5.9	0

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OU	IHSS Number	File Name	Detector Array	Detector Height (m)	FOV m	Station	North feet	East feet	K-40 pCi/g	% Error	MDA pCi/g	Ra-226 pCi/g	% Error	MDA pCi/g	Th-232 pCi/g	% Error	MDA pCi/g	U-238 pCi/g	% Error	MDA pCi/g	U-235 pCi/g	% Error	MDA pCi/g	Cs-137 pCi/g	% Error	MDA pCi/g	Am-241 pCi/g	% Error	MDA pCi/g	Pu-239 nCi/g	% Error	MDA nCi/g	Exposure uR/h	% FOV Blocked
RFP		59.chn	6A6	6.5	44	7J	8E+05	2E+06	10.6	0.4	0.1	0.78	0.7	0.02	0.96	0.6	0.02	1.8	9.4	0.5	0.09	6.1	0.02	0.07	3.6	0.01	0.0		0.0	0.0		0.0	6.0	0
RFP		60.chn	6A6	6.5	44	7K	8E+05	2E+06	11.1	0.4	0.1	0.87	0.6	0.02	1.17	0.5	0.02	2.0	8.9	0.5	0.09	5.9	0.02	0.52	0.8	0.01	0.0		0.0	0.0		0.0	7.2	0
RFP		61.chn	6A6	6.5	44	7L	8E+05	2E+06	10.6	0.4	0.1	0.90	0.6	0.02	1.20	0.5	0.02	1.8	9.8	0.5	0.07	6.8	0.01	0.31	1.1	0.01	0.0		0.0	0.0		0.0	7.1	0
RFP		103.chn	6A6	1	10	8D	8E+05	2E+06	5.3	1.1	0.2	0.57	1.4	0.02	0.65	1.2	0.02	1.2	18.0	0.7	0.06	9.8	0.02	0.69	1.1	0.02	0.0		0.0	0.0		0.0	4.4	0
RFP		117.chn	6A6	6.5	44	8K	8E+05	2E+06	11.3	0.4	0.1	1.02	0.6	0.02	1.45	0.5	0.02	1.7	10.5	0.5	0.11	5.5	0.02	0.67	0.7	0.01	0.3	13.7	0.1	0.0		0.0	8.2	0
RFP		118.chn	6A6	6.5	44	8L	8E+05	2E+06	10.7	0.4	0.1	0.92	0.6	0.02	1.30	0.5	0.02	1.8	9.8	0.5	0.11	5.4	0.02	0.65	0.7	0.01	0.3	12.8	0.1	0.0		0.0	7.4	0
RFP		119.chn	6A6	6.5	44	8M	8E+05	2E+06	12.0	0.4	0.1	0.95	0.6	0.02	1.41	0.5	0.02	1.6	11.2	0.5	0.10	5.9	0.02	0.57	0.7	0.01	0.3	13.4	0.1	0.0		0.0	8.0	0
RFP		120.chn	6A6	6.5	44	8N	8E+05	2E+06	11.7	0.4	0.1	0.84	0.7	0.02	1.20	0.5	0.02	1.6	11.0	0.5	0.08	6.5	0.02	0.72	0.6	0.01	0.2	16.3	0.1	0.0		0.0	7.3	0
RFP		123.chn	6A6	6.5	44	8O	8E+05	2E+06	10.9	0.4	0.1	1.00	0.6	0.02	1.18	0.5	0.02	1.9	9.5	0.5	0.09	5.9	0.02	0.69	0.6	0.01	0.3	14.2	0.1	0.0		0.0	7.4	0
RFP		124.chn	6A6	6.5	44	8P	8E+05	2E+06	10.1	0.4	0.1	1.00	0.6	0.02	1.05	0.6	0.02	1.8	9.5	0.5	0.09	5.8	0.02	0.48	0.8	0.01	0.1	27.9	0.1	0.0		0.0	6.7	0
RFP		125.chn	6A6	6.5	44	8Q	8E+05	2E+06	8.4	0.5	0.1	0.96	0.6	0.02	0.96	0.6	0.02	1.9	6.3	0.4	0.08	5.9	0.01	0.69	0.6	0.01	0.3	14.1	0.1	0.0		0.0	6.2	0
RFP		126.chn	6A6	6.5	44	8R	8E+05	2E+06	11.2	0.4	0.1	1.07	0.6	0.02	1.30	0.5	0.02	2.1	6.2	0.4	0.08	6.0	0.02	0.78	0.6	0.01	0.2	16.1	0.1	0.0		0.0	7.9	0
RFP		129.chn	6A6	6.5	44	8S	8E+05	2E+06	11.8	0.4	0.1	1.10	0.6	0.02	1.37	0.5	0.02	1.5	12.2	0.6	0.09	6.0	0.02	0.75	0.6	0.01	0.3	12.2	0.1	0.0		0.0	8.4	0
RFP		130.chn	6A6	6.5	44	8T	8E+05	2E+06	10.2	0.4	0.1	1.14	0.5	0.02	1.19	0.5	0.02	1.5	11.7	0.5	0.09	5.6	0.02	0.56	0.7	0.01	0.0		0.0	0.0		0.0	7.4	0
RFP		131.chn	6A6	6.5	44	8U	8E+05	2E+06	11.3	0.4	0.1	1.17	0.5	0.02	1.31	0.5	0.02	2.0	9.1	0.5	0.11	5.1	0.02	0.61	0.7	0.01	0.1	32.7	0.1	0.0		0.0	8.1	0
RFP		132.chn	6A6	6.5	44	8V	8E+05	2E+06	10.5	0.4	0.1	1.07	0.5	0.02	1.13	0.6	0.02	1.6	11.2	0.5	0.08	6.2	0.01	0.61	0.7	0.01	0.2	20.7	0.1	0.0		0.0	7.4	0
RFP		135.chn	6A6	6.5	44	8W	7E+05	2E+06	11.2	0.4	0.1	1.00	0.6	0.02	1.48	0.5	0.02	1.5	11.8	0.5	0.09	6.0	0.02	0.57	0.7	0.01	0.3	11.7	0.1	0.0		0.0	7.9	0
RFP		136.chn	6A6	6.5	44	8X	7E+05	2E+06	12.4	0.4	0.1	1.08	0.6	0.02	1.60	0.4	0.02	1.6	11.5	0.6	0.08	6.3	0.02	0.74	0.6	0.01	0.5	8.8	0.1	0.0		0.0	8.8	0
RFP		137.chn	6A6	6.5	44	8Y	7E+05	2E+06	10.6	0.4	0.1	1.02	0.6	0.02	1.47	0.5	0.02	1.8	10.0	0.5	0.07	7.0	0.01	0.76	0.6	0.01	0.5	7.8	0.1	0.0		0.0	8.2	0
RFP		138.chn	6A6	6.5	44	8Z	7E+05	2E+06	9.2	0.4	0.1	0.92	0.6	0.02	1.37	0.5	0.02	2.2	5.7	0.4	0.07	7.0	0.01	0.75	0.6	0.01	0.3	11.9	0.1	0.0		0.0	7.4	0
RFP		141.chn	6A6	6.5	44	9A	7E+05	2E+06	11.1	0.4	0.1	1.18	0.5	0.02	1.55	0.5	0.02	1.5	12.7	0.6	0.09	5.9	0.02	0.82	0.6	0.01	0.4	10.1	0.1	0.0		0.0	8.6	0
RFP		142.chn	6A6	6.5	44	9B	7E+05	2E+06	9.7	0.4	0.1	1.21	0.5	0.02	1.40	0.5	0.02	1.6	10.9	0.5	0.09	5.7	0.01	0.77	0.6	0.01	0.3	12.2	0.1	0.0		0.0	8.0	0
RFP		143.chn	6A6	6.5	44	9C	7E+05	2E+06	10.8	0.4	0.1	1.26	0.5	0.02	1.54	0.5	0.02	1.8	10.2	0.6	0.08	6.1	0.01	0.71	0.7	0.01	0.3	14.0	0.1	0.0		0.0	8.7	0
IA		165.chn	6A6	6.5	44	9M	8E+05	2E+06	16.8	0.3	0.2	0.95	0.6	0.02	1.21	0.5	0.02	2.6	7.4	0.6	0.07	7.3	0.01	0.02	12.8	0.01	0.2	17.8	0.1	0.0		0.0	8.0	10
IA		166.chn	6A6	6.5	44	9N	8E+05	2E+06	17.4	0.3	0.2	0.94	0.6	0.02	1.23	0.5	0.02	1.9	10.3	0.6	0.06	7.4	0.01	0.02	13.7	0.01	0.3	14.2	0.1	0.0		0.0	8.3	0
IA		169.chn	6A6	6.5	44	9O	8E+05	2E+06	15.0	0.3	0.1	0.84	0.7	0.02	1.17	0.5	0.02	1.8	10.3	0.6	0.07	6.9	0.02	0.06	5.0	0.01	1.2	3.1	0.1	0.0		0.0	7.5	20
IA		170.chn	6A6	6.5	44	9P	8E+05	2E+06	14.2	0.3	0.1	0.79	0.7	0.02	1.11	0.6	0.02	1.8	10.0	0.5	0.07	7.3	0.02	0.08	3.6	0.01	1.5	2.4	0.1	0.0		0.0	7.1	20
IA		171.chn	6A6	6.5	44	9Q	8E+05	2E+06	14.3	0.3	0.1	0.78	0.7	0.02	1.11	0.6	0.02	1.9	9.6	0.5	0.07	7.0	0.02	0.08	3.5	0.01	1.5	2.5	0.1	0.0		0.0	7.0	20
IA		174.chn	6A6	6.5	44	9R	7E+05	2E+06	21.0	0.3	0.2	1.06	0.6	0.02	1.72	0.4	0.02	1.8	11.7	0.6	0.07	7.3	0.02	0.01	23.0	0.01	1.6	2.6	0.1	0.5	41.0	0.6	10.2	20
IA		175.chn	6A6	6.5	44	9S	7E+05	2E+06	18.7	0.3	0.2	1.11	0.6	0.02	1.16	0.6	0.02	2.0	9.7	0.6	0.06	7.4	0.01	0.03	9.3	0.01	0.2	19.9	0.1	0.0		0.0	8.4	10
IA		178.chn	6A6	6.5	44	9T	7E+05	2E+06	18.1	0.3	0.2	0.88	0.7	0.02	1.16	0.6	0.02	2.1	6.5	0.4	0.06	7.9	0.01	0.06	4.7	0.01	0.0		0.0	0.0		0.0	8.2	10
IA		179.chn	6A6	6.5	44	9U	7E+05	2E+06	14.4	0.3	0.1	0.79	0.7	0.02	1.00	0.6	0.02	1.6	11.4	0.5	0.08	6.8	0.02	0.06	4.9	0.01	0.0		0.0	0.0		0.0	6.9	10
IA		180.chn	6A6	6.5	44	9V	7E+05	2E+06	16.7	0.3	0.2	0.82	0.7	0.02	1.24	0.5	0.02	1.8	10.5	0.6	0.09	6.7	0.02	0.07	3.9	0.01	0.0		0.0	0.0		0.0	7.9	5
IA		181.chn	6A6	6.5	44	9W	7E+05	2E+06	13.6	0.4	0.2	0.75	0.7	0.02	1.11	0.6	0.02	1.7	10.5	0.5	0.07	7.4	0.02	0.09	3.0	0.01	0.0		0.0	0.0		0.0	6.9	0

Am-241 = americium-241 Cs-137 = cesium-137 FOV = field of view K-40 = potassium-40 m = meter MDA = maximum detectable activity pCi/g = picocuries per gram

Pu-239 = plutonium-239 Ra-226 = radium-226 Th-232 = thorium-232 U-235 = uranium-235 U-238 = uranium-238 μR/h = micro Roentgens per hour

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