ATTACHMENT 2
SOIL GAS DATA

OU2 Subsurface IM/IRA Soil Gas Survey
(IHSS 110, East Trenches)
FIELD REPORT

Location Code	Rocky Flats Coordinates Approximate Northing	Easting	Soil Gas Sample Number	Comment	Soil Gas Sample Date	Time	Depth (ft)	Headspace HNU (ppm) Prior to Purge	After Sampling	SOIL GAS GC LABORATORY DATA (ug/L) Vinyl Chloride	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1-DCA	1,2-DCA	CCl_4	TCE	PCE	TOTAL VOCs (Sum)	
SVS 110 1	749,784.39	2,086,752.09	SVS 110 1		06/11/93	1229	5.0	0.5	0	ND	ND	ND	ND	ND	ND	47	ND	BRL	47	
SVS 110 2	749,801.89	2,086,767.09	SVS 110 2		06/11/93	1137	5.0	1.5	0.5	ND	BRL	ND	ND	140	ND	>10	ND	1.2	141.2	
SVS 110 2	749,801.89	2,086,767.09	SVS 110 2R	resample	06/11/93	1329	5.0	1	2.8	ND	ND	ND	ND	ND	ND	111	ND	1.1	112.1	diluted to below detection limit for 1,1-DCA
SVS 110 3	749,785.39	2,086,783.09	SVS 110 3		06/11/93	1052	5.0	0	10	ND	ND	ND	ND	410	ND	110	ND	4.3	524.3	
SVS 110 4	749,806.39	2,086,795.59	SVS 110 4		06/08/93	1328	5.0	0	0	Invalid Data										
SVS 110 4	749,806.39	2,086,795.59	SVS 110 4R	resample	06/11/93	1026	5.0	0.8	5.5	ND	ND	ND	ND	200	ND	>46	1.2	29	230.2	
SVS 110 4	749,806.39	2,086,795.59	SVS 110 4R DUP	duplicate	06/11/93	1027	5.0	0.8	5.5	ND	ND	ND	ND	320	ND	77	1.1	34	432.1	
SVS 110 5	749,788.39	2,086,812.09	SVS 110 5		06/08/93	1300	5.0	0	0	Invalid Data										
SVS 110 5	749,788.39	2,086,812.09	SVS 110 5R	resample	06/09/93	1609	5.0	0	0	23	ND	ND	ND	1900	ND	>38	18	410	2351	PCE estimated on PID
SVS 110 5	749,788.39	2,086,812.09	SVS 110 5R2	resample	06/11/93	955	5.0	1.5	22	ND	ND	ND	ND	280	ND	51	5.2	52	388.2	
SVS 110 6	749,809.39	2,086,825.09	SVS 110 6		06/07/93	1608	5.0	0	0	ND	ND	ND	BRL	510		17	21	400	948	PCE estimated on PID
SVS 110 6	749,809.39	2,086,825.09	SVS 110 6R	resample	06/09/93	1541	5.0	0	0	ND	ND	ND	ND	46	ND	7.2	1.2	29	83.4	
SVS 110 7	749,793.39	2,086,842.09	SVS 110 7		06/07/93	1540	5.0	0	0	Need to resample										
SVS 110 7	749,793.39	2,086,842.09	SVS 110 7	resample	06/08/93	1216	5.0	0	0	Invalid Data										
SVS 110 7	749,793.39	2,086,842.09	SVS 110 7R	resample	06/09/93	1514	5.0	0	0	ND	ND	ND	ND	300	ND	30	21	310	661	PCE estimated on PID
SVS 110 8	749,816.89	2,086,854.09	SVS 110 8		06/07/93	1513	5.0	0	0	ND	ND	ND	BRL	140		11	7.2	140	298.2	PCE estimated on PID
SVS 110 8	749,816.89	2,086,854.09	SVS 110 8 DUP	duplicate	06/07/93	1514	5.0	0	0	ND	ND	ND	ND	140		11	6.6	130	287.6	PCE estimated on PID
SVS 110 8	749,816.89	2,086,854.09	SVS 110 8R	resample	06/09/93	1444	5.0	0	0	ND	ND	ND	BRL	220	ND	15	12	310	557	PCE estimated on PID
SVS 110 9	749,798.39	2,086,871.09	SVS 110 9		06/07/93	1448	5.0	0	0	ND	ND	BRL	BRL	150		3.3	9.9	270	433.2	PCE estimated on PID
SVS 110 9	749,798.39	2,086,871.09	SVS 110 9R	resample	06/09/93	1235	5.0	0	0	ND	ND	ND	ND	96	ND	1.6	6.7	170	274.3	PCE estimated on PID
SVS 110 10	749,819.39	2,086,883.09	SVS 110 10		06/07/93	1414	5.0	0	0	ND	ND	ND	BRL	40		1.9	2.6	78	122.5	PCE estimated on PID
SVS 110 10	749,819.39	2,086,883.09	SVS 110 10R	resample	06/09/93	1152	5.0	0	0	BRL	BRL	ND	BRL	81	ND	3.3	3.6	96	183.9	PCE estimated on PID
SVS 110 11	749,805.39	2,086,900.09	SVS 110 11		06/07/93	1219	5.0	0	0	ND	ND	ND	ND	BRL		BRL	BRL	16	16	PCE estimated on PID
SVS 110 11	749,805.39	2,086,900.09	SVS 110 11R	resample	06/09/93	1119	5.0	0	0	BRL	BRL	ND	ND	BRL	ND	BRL	ND	5.1	5.1	
SVS 110 12	749,820.39	2,086,913.09	SVS 110 12		06/07/93	1158	5.2	0	0	ND	ND	ND	ND	BRL		BRL	BRL	2.9	2.9	
SVS 110 12	749,820.39	2,086,913.09	SVS 110 12R	resample	06/09/93	1028	5.0	0	0	ND	BRL	ND	ND	ND	ND	BRL	BRL	2.5	2.5	
SVS 110 13	749,809.39	2,086,931.09	SVS 110 13		06/07/93	1138	5.0	0	0	ND	ND	ND	ND	ND		BRL	ND	BRL	0	
SVS 110 13	749,809.39	2,086,931.09	SVS 110 13 DUP	duplicate	06/07/93	1139	5.0	0	0	ND	ND	ND	ND	BRL		BRL	ND	BRL	0	
SVS 110 14	749,824.39	2,086,943.09	SVS 110 14		06/07/93	1102	5.0	0	0	ND	ND	ND	ND	ND		BRL	ND	BRL	0	
SVS 110 15	749,813.39	2,086,960.09	SVS 110 15		06/07/93	1036	5.0	0	0	ND	BRL	ND	ND	ND		BRL	ND	BRL	0	
SVS 110 16	749,827.39	2,086,972.09	SVS 110 16		05/28/93	1447	5.0	0	0	ND	ND	ND	ND	ND	ND	0.36	ND	0.11	0.47	
SVS 110 16	749,827.39	2,086,972.09	SVS 110 16 R	repeat	06/04/93	1520	5.0	0	0	ND	ND	ND	ND	ND	ND	BRL	ND	ND	0	
SVS 110 17	749,817.39	2,086,989.09	SVS 110 17		06/04/93	1508	5.0	0	0	ND	ND	ND	ND	ND	ND	BRL	ND	ND	0	
SVS 110 18	749,831.39	2,087,001.09	SVS 110 18		06/04/93	1443	5.0	0	0	ND	ND	ND	ND	ND	ND	BRL	ND	ND	0	
SVS 110 19	749,821.39	2,087,018.09	SVS 110 19		06/04/93	1426	5.0	0	0	ND	ND	ND	ND	ND	ND	BRL	ND	ND	0	
SVS 110 20	749,833.39	2,087,030.09	SVS 110 20		06/04/93	1402	4.5	0	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
SVS 110 20	749,833.39	2,087,030.09	SVS 110 20 DUP	duplicate	06/04/93	1403	4.5	0	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	
SVS 110 21	749,828.39	2,087,040.09	SVS 110 21		05/28/93	1418	5.0	0.02	0	<10	ND	ND	ND	ND	ND	ND	ND	ND	0	
SVS 110 22	749,794.39	2,086,745.09	SVS 110 22		06/11/93	1257	5.0	2	0.3	ND	ND	ND	ND	ND	ND	1	ND	BRL	1	

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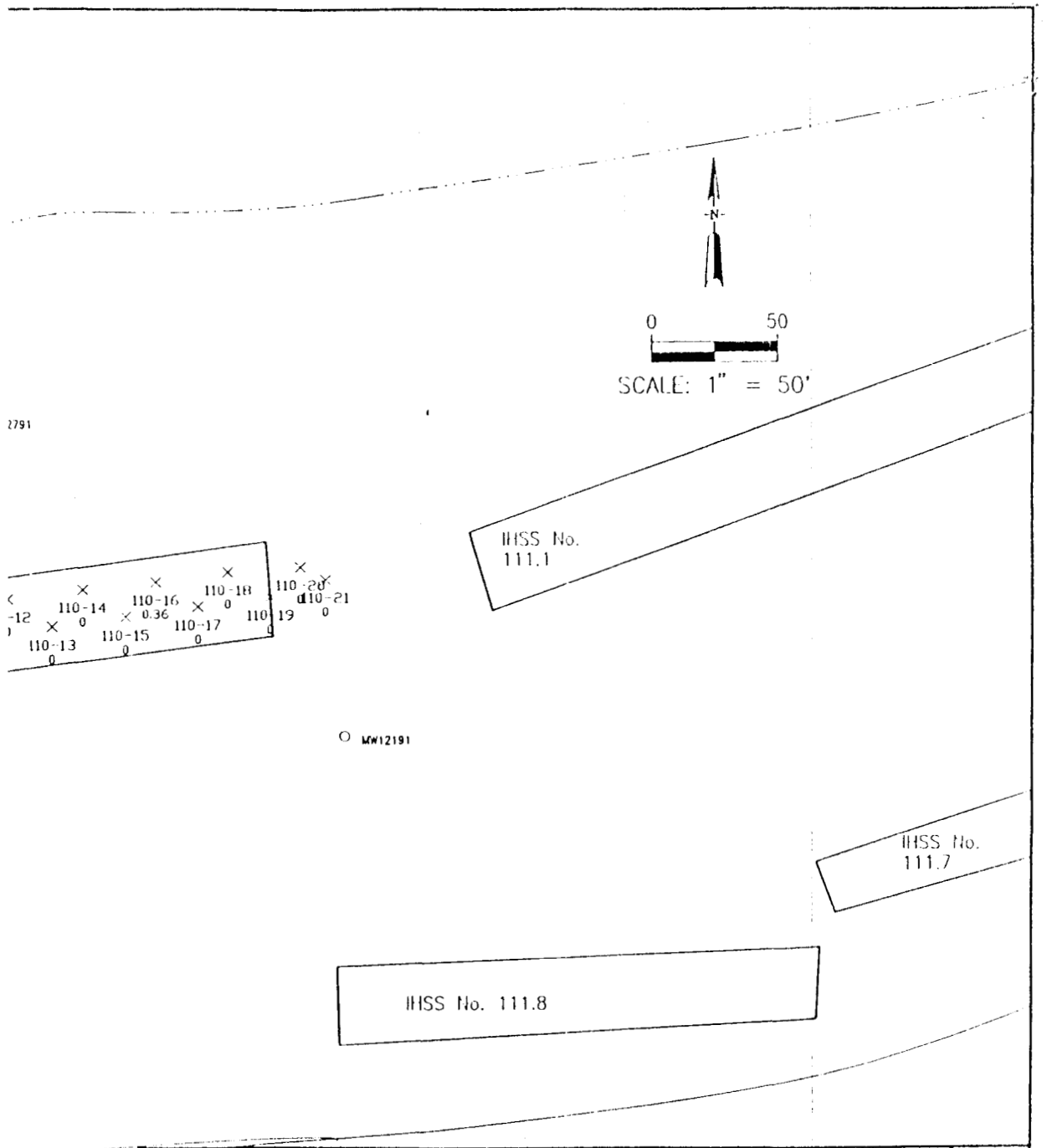
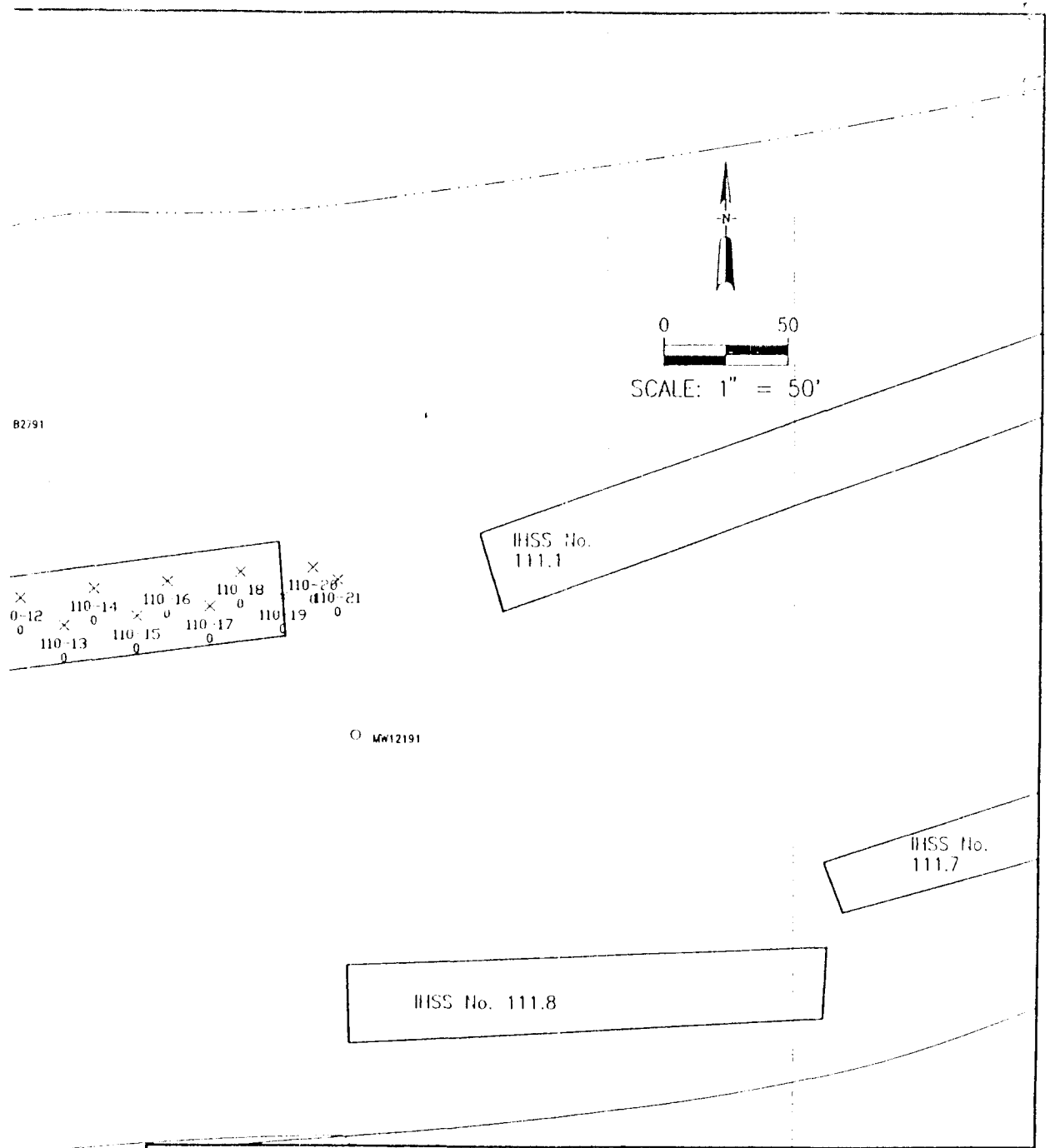
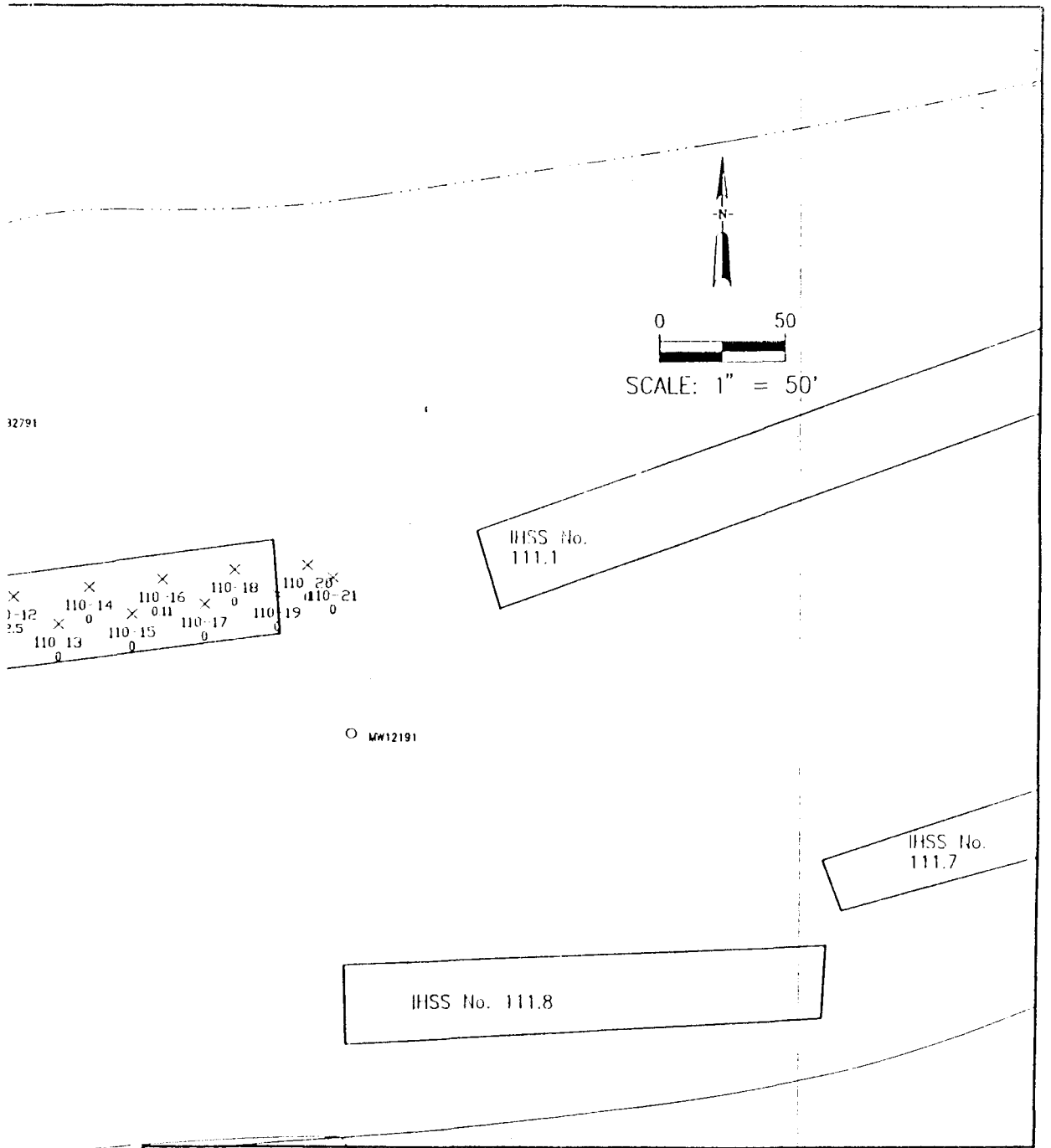
BLANKS																			
NA			B-1	Equipment blank	05/28/93					ND	<10	ND	ND	ND	ND	ND	ND	ND	0
NA			B-2	Equipment blank	06/04/93					ND	ND	ND	ND	ND	ND	ND	ND	ND	0
NA			B-3	Equipment blank	06/04/93					ND	ND	ND	ND	ND	ND	ND	ND	ND	0
NA			B-4	Equipment blank	06/04/93					ND	ND	ND	ND	ND	ND	ND	ND	ND	0
B-5			B-5	Equipment blank	06/07/93					ND	ND	ND	ND	ND	ND	ND	ND	ND	0
B-11			B-11	Equipment blank	06/09/93					BRL	BRL	ND	BRL	ND	ND	BRL	BRL	BRL	0
B-12			B-12	Equipment blank	06/09/93					BRL	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
B-13			B-13	Equipment blank	06/09/93					BRL	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
B-14			B-14	Equipment blank	06/09/93					BRL	BRL	ND	ND	ND	ND	ND	ND	BRL	0
B-15			B-15	Equipment blank	06/09/93					ND	BRL	ND	ND	ND	ND	ND	ND	BRL	0
B-16			B-16	Equipment blank	06/09/93					ND	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
B-17			B-17	Equipment blank	06/09/93					BRL	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
B-18			B-18	Equipment blank	06/09/93					ND	ND	ND	ND	ND	ND	BRL	ND	BRL	0
B-19			B-19	Equipment blank	06/09/93					ND	ND	ND	ND	BRL	ND	BRL	BRL	2.5	2.5
B-20			B-20	Equipment blank	06/09/93					BRL	ND	ND	BRL	BRL	ND	BRL	BRL	2	2
SVS B-21			SVS B-21	Equipment blank	06/11/93					ND	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
SVS B-22			SVS B-22	Equipment blank	06/11/93					BRL	BRL	ND	ND	BRL	ND	BRL	BRL	BRL	0
SVS B-23			SVS B-23	Equipment blank	06/11/93					BRL	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
SVS B-24			SVS B-24	Equipment blank	06/11/93					BRL	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
SVS B-25			SVS B-25	Equipment blank	06/11/93					BRL	BRL	ND	ND	ND	ND	BRL	ND	BRL	0
SVS B-26			SVS B-26	Equipment blank	06/11/93					BRL	ND	ND	ND	ND	ND	BRL	ND	BRL	0
SVS B-27			SVS B-27	Equipment blank	06/11/93					BRL	BRL	ND	BRL	ND	ND	BRL	ND	BRL	0



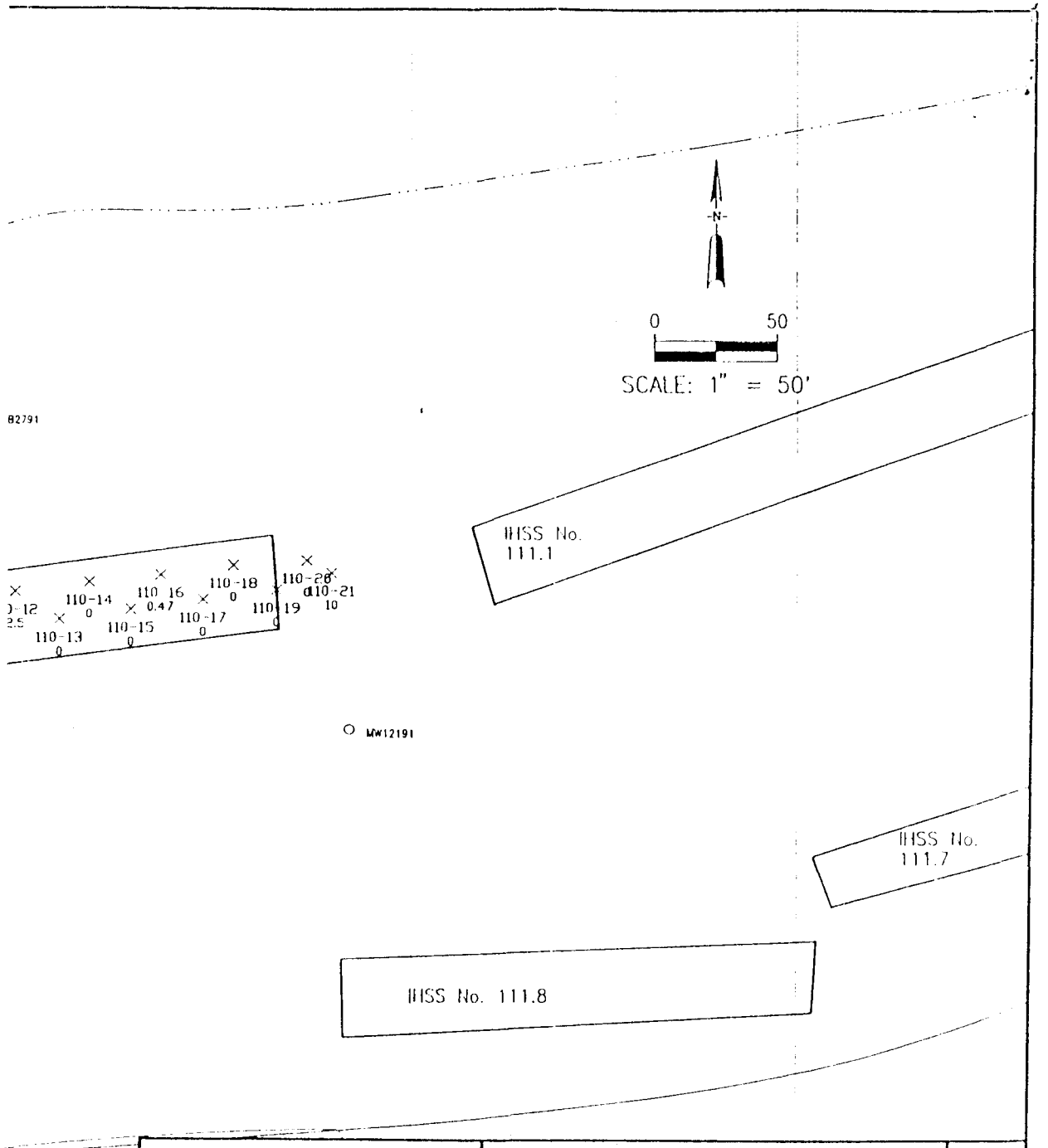
U.S. DEPARTMENT OF ENERGY Rocky Flats Plant Golden, Colorado	CARBON TETRACHLORIDE (CCl_4) OU2 CONTOUR INTERVAL = 50 ug/L OU2 SOIL VAPOR SURVEY SAMPLING LOCATIONS EAST TRENCHES AREA IHSS No. 110	FIGURE 110-1



U.S. DEPARTMENT OF ENERGY Rocky Flats Plant Golden, Colorado	TRICHLOROETHENE (TCE) CONTOUR INTERVAL = 5 ug/L OU2 SOIL VAPOR SURVEY SAMPLING LOCATIONS EAST TRENCHES AREA IHSS No. 110	FIGURE 110-2



U.S. DEPARTMENT OF ENERGY Rocky Flats Plant Golden, Colorado	PERCHLOROETHENE (PCE) CONTOUR INTERVAL = 50 ug/L OU2 SOIL VAPOR SURVEY SAMPLING LOCATIONS EAST TRENCHES AREA IHSS No. 110	FIGURE 110-3



U.S. DEPARTMENT OF ENERGY Rocky Flats Plant Golden, Colorado	TOTAL VOCs CONTOUR INTERVAL = 50 ug/L OU2 SOIL VAPOR SURVEY SAMPLING LOCATIONS EAST TRENCHES AREA IHSS No. 110	FIGURE 110-4