

**Table 1**  
**Analytical Result Summary, Soil and Groundwater Samples**  
**Union Mine Gun Range**  
**EI Dorado County, California**

Sample Location	Depth Interval (feet, bgs)	Location	Sample Number	Copper, Cu (mg/kg)	Nickel, Ni (mg/kg)	Lead, Pb (mg/kg)	Zinc, Zn (mg/kg)	pH	Other Analysis
S1	0.5	Hillside	110111As	79	26	5,000	88	-	
S2	0.5	Hillside	110117As	42	32	28	81	-	
S3	0.5	Hillside	110119As	47	33	19	75	-	
S4	0.5	Wall Berm	110127As	130	34	29,000	90	-	
S5	0.5	Wall Berm	110110As	360	32	21,000	100	-	
S6	0.5	Firing Line	110102As	54	32	28	67	-	
S7	0.5	Firing Line	110101As	63	31	18	71	-	
S8	0.5	Drain	110104As	-	-	-	-	5.13	
S9	0.5	Berm	19444As	82	56	72	110	-	
S10	4	Berm	110106Bs	73	52	10,000	110	-	
S11	3	Berm	110107Bs	65	36	3,100	86	-	
S12	0.5	Berm	19440As	200	31	8,000	92	-	CAM 17 Metals
S13	0.5	Firing Line	110099As	64	32	22	78	-	
S14	0.5	Firing Line	110097As	63	31	190	74	-	
S15	0.5	Drainage	110096As	65	38	480	86	5.31	
S15	2	Drainage	110095B	90	-	1,200	-	-	
S16	0.5	Firing Line	110088As	72	52	49	100	-	
S17	0.5	Firing Line	110092As	76	34	45	81	-	
S18	0.5	Background	110088As	83	45	31	78	-	
S19	0.5	Hillside	110121As	47	34	27	79	-	
S20	0.5	Top of wall	110108As	78	70	45	120	-	
S21	0.5	Sidewall	110109As	90	49	61	100	-	
S22	0.5	Sidewall	110123As	73	36	270	79	-	
S23	0.5	Fire Line	110125As	75	46	23	100	-	
S24	0.5	Fire Line	110166As	64	42	36	72	-	

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S25	0.5	Fire Line	110094As	74	43	32	86	-	
S26	0.5	Wall Berm	110163As	25	19	300	32	12.65	
S27	0.5	Wall Berm	110164As	49	25	170	27	-	
S28	0.5	Wall Berm	110165As	270	51	8200	100	-	
S29	0.5	Hillside	110162As	50	37	43	67	-	
S30	0.5	Background	110167As	76	42	29	89	-	
S31	0.5	Trap Fire Line	109116As	60	48	20	77	-	
S32	0.5	Trap Fire Line	109122As	56	37	26	57	-	
S33	0.5	Trap	109124As	57	46	21	76	-	
S34	0.5	Trap	109125As	64	35	20	70	-	
S35	0.5	150'	112357As	37	24	57	56	-	
S36	0.5	150'	109083A	54	34	62	110	-	VOC, Semi VOC VOC, Semi VOC
S36	1	150'	109083B	-	-	-	-	-	
S37	0.5	150'	109079As	44	43	37	100	-	
S38	0.5	300'	112352As	37	27	28	65	-	
S39	0.5	300'	109082As	58	48	57	120	-	
S41	0.5	450'	109081As	42	41	85	98	-	
S42	0.25	450'	109039As	46	44	140	100	-	
S43	0.25	600'	109127As	42	45	76	99	-	
S44	0.25	600'	109126As	49	48	300	120	-	
S45	0.75	75'	109121Bs	62	39	41	78	-	
S46	0.25	75'	109117As	37	39	29	77	-	
S47	0.5	300'	112354As	42	38	16	71	-	
Surface Water	-	Water	109080	ND	ND	ND	23 (ug/L)	-	