

Environmental	Soil 2020-106			Soil 2020-107			Soil 2020-108			Soil 2020-109			Soil 2020-110				
Soil Analyses	Units	n	Median	MAD	Lab ^{1,2}	Median	MAD	Lab ^{1,2}	Median	MAD	Lab ^{1,2}	Median	MAD	Lab ^{1,2}	Median	MAD	Lab ^{1,2}
Metals																	
Ag	mg/kg	1															
Al	mg/kg	7	16,200	1,780		16,500	619		6,510	400		15,000	1,160		8,070	1,630	
As	mg/kg	7	6.39	1.67		2.59	1.04		6.12	0.560		3.34	1.11		6.48	0.689	
Ba	mg/kg	4	179	4.58		327	15.6		96.9	1.94		175	5.19		92.5	5.13	
Be	mg/kg	1	0.223														
Bi	mg/kg	1															
B	mg/kg	4	3.90	0.235		5.96	0.170		1.58	0.945		2.86	0.355		1.21	0.830	
Ca	mg/kg	5	7,770	283		9,550	415		4,850	71.0		3,600	50.0		1,750	162	
Cd	mg/kg	7	0.100	0.100		0.213	0.213		0.020	0.020		0.049	0.049		0.010	0.010	
Co	mg/kg	5	16.5	0.759		9.20	0.536		7.13	0.514		9.10	0.840		10.4	1.01	
Cr	mg/kg	8	18.8	3.18		17.7	4.31		21.2	3.06		18.6	4.63		19.9	2.24	
Cu	mg/kg	6	52.7	4.22		13.9	2.97		4.90	1.14		16.6	1.35		6.64	1.67	
Fe	mg/kg	5	24,100	1,240		18,900	229		15,100	579		17,600	514		13,600	178	
K	mg/kg	5	2,540	402		3,680	144		722	56.0		3,730	92.0		729	94.1	
Li	mg/kg	1															
Mg	mg/kg	5	2,980	56.0		3,420	163		613	55.9		3,180	171		698	78.5	
Mn	mg/kg	5	1,360	11.6		1,050	26.7		549	30.2		531	18.1		1,130	82.0	
Mo	mg/kg	4	1.56	0.172		0.428	0.328		0.636	0.325		0.288	0.175		0.878	0.345	
Na	mg/kg	5	110	9.01		319	34.6		31.8	6.10		156	12.0		45.1	20.2	
Ni	mg/kg	7	17.0	0.700		14.0	1.00		4.69	0.660		13.4	1.13		9.76	1.63	
P	mg/kg	6	2,880	33.9		1,160	40.0		582	18.1		806	34.0		552	36.3	
Pb	mg/kg	7	31.7	3.70		9.43	0.690		17.3	1.04		7.62	0.620		14.0	1.44	
S	mg/kg	4	769	56.8		193	12.5		168	4.20		205	2.13		155	3.70	
Sb	mg/kg	1															
Se	mg/kg	5	0.078	0.076		0.001	0.001		0.050	0.050		0.002	0.002		0.100	0.100	
Sn	mg/kg	1															
Sr	mg/kg	3	11.2	4.80		59.4	13.3		6.05	2.03		25.0	3.00		5.22	2.77	
V	mg/kg	2	26.7	3.59		43.9	9.78		33.8	0.852		40.1	7.10		24.5	3.82	
Zn	mg/kg	7	158	3.00		67.4	3.55		20.7	1.17		45.5	0.908		28.4	0.995	
Hg (US-EPA 7470 or 7471)	mg/kg	3	0.059	0.059		0.020	0.020		0.015	0.015		0.051	0.051		0.026	0.026	

1 - Values flagged exceed Warning Limits *** 2.5 x MAD (Median Absolute Deviation) and Control Limits **** 4 x MAD.
 2 - Limits not compared to lab data for methods with less than 7 labs reporting.