

Environmental	Soil 2019-101			Soil 2019-102			Soil 2019-103			Soil 2019-104			Soil 2019-105				
Soil Analyses	Units	#	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																
Al	mg/kg	5	18,100	1,740		13,300	655		15,300	1,160		17,900	2,480		15,800	588	
As	mg/kg	5	4.46	0.470		2.98	0.720		7.93	1.02		5.80	1.86		3.88	0.660	
Ba	mg/kg	1	268	0.000		102	0.000		85.7	0.000		145	0.000		102	0.000	
Be	mg/kg																
Bi	mg/kg																
B	mg/kg	3	14.0	2.37		3.37	0.330		3.94	0.900		9.87	1.90		6.65	3.10	
Ca	mg/kg	5	17,800	1,350		3,400	303		1,380	109		7,430	415		2,970	241	
Cd	mg/kg	4	0.532	0.163		0.510	0.135		0.225	0.100		0.265	0.140		0.276	0.134	
Co	mg/kg	4	4.85	0.335		9.56	0.825		9.11	0.475		7.66	0.385		5.94	0.380	
Cr	mg/kg	6	14.2	1.84		17.5	3.70		16.6	3.31		32.0	6.59		16.8	4.78	
Cu	mg/kg	6	14.6	2.64		19.3	2.39		12.7	1.98		42.4	3.06		12.0	2.86	
Fe	mg/kg	4	13,200	946		22,500	1,600		17,700	445		17,800	1,080		12,200	339	
K	mg/kg	4	5,860	477		2,600	162		1,680	319		3,220	533		3,110	457	
Li	mg/kg																
Mg	mg/kg	4	7,750	428		4,360	196		2,030	212		6,140	398		2,580	80.6	
Mn	mg/kg	4	374	36.5		388	37.1		610	58.5		389	48.7		308	35.9	
Mo	mg/kg	3	0.554	0.056		0.680	0.330		0.850	0.310		0.670	0.540		0.610	0.410	
Na	mg/kg	3	423	35.8		195	22.1		36.3	16.3		333	36.4		60.6	26.8	
Ni	mg/kg	5	10.0	0.270		12.6	0.430		14.9	0.270		37.3	1.11		11.0	0.260	
P	mg/kg	6	924	15.7		863	26.5		584	6.94		424	35.2		346	2.03	
Pb	mg/kg	5	14.1	3.40		9.00	2.73		15.0	3.40		16.0	4.10		13.0	3.00	
S	mg/kg	3	247	49.2		168	40.9		236	52.2		498	4.51		225	38.2	
Sb	mg/kg																
Se	mg/kg	4	0.985	0.910		0.030	0.020		0.165	0.150		0.155	0.150		0.330	0.030	
Sn	mg/kg																
Sr	mg/kg	1	66.4	0.000		17.9	0.000		8.25	0.000		30.5	0.000		24.6	0.000	
V	mg/kg	1	37.5	0.000		54.3	0.000		47.4	0.000		50.5	0.000		40.1	0.000	
Zn	mg/kg	6	58.3	3.52		80.2	5.07		48.1	2.00		61.4	2.31		37.0	3.50	
Hg (US-EPA 7470 or 7471)	mg/kg	2	0.010	0.000		0.006	0.000		0.026	0.002		0.022	0.004		0.014	0.002	

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.