

Environmental	Soil 2021-101					Soil 2021-102			Soil 2021-103			Soil 2021-104			Soil 2021-105		
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					0.676	0.000		0.557	0.000		0.223	0.000		0.383	0.000	
Al	mg/kg	7	18,000	4,210		14,600	2,240		5,620	894		23,100	4,560		8,020	1,580	
As	mg/kg	5	1.70	0.480		7.50	1.91		4.21	0.966		4.94	1.53		9.44	1.65	
Ba	mg/kg	4	150	6.12		73.2	1.80		111	6.98		149	4.86		143	17.5	
Be	mg/kg	1	0.580	0.000		0.730	0.000		0.340	0.000		0.750	0.000		0.510	0.000	
Bi	mg/kg																
B	mg/kg	3	13.8	1.75		4.67	1.42		9.22	0.960		1.43	0.050		2.34	0.060	
Ca	mg/kg	5	14,000	801		3,730	348		4,430	209		3,450	287		2,190	76.8	
Cd	mg/kg	7	0.450	0.061		0.335	0.075		0.762	0.032		0.350	0.035		0.300	0.088	
Co	mg/kg	6	17.4	2.21		14.1	0.655		6.10	0.128		16.7	1.60		10.4	0.530	
Cr	mg/kg	8	22.8	4.86		25.5	3.45		12.5	1.01		22.6	2.60		14.6	3.10	
Cu	mg/kg	6	32.1	3.67		14.1	2.69		9.55	1.13		12.7	2.66		10.2	3.04	
Fe	mg/kg	5	28,700	3,500		18,900	602		9,040	1,300		25,600	3,100		16,900	1,150	
K	mg/kg	5	3,760	165		907	67.9		1,280	20.0		1,000	134		811	82.6	
Li	mg/kg	1	4.62	0.000		7.20	0.000		3.30	0.000		7.91	0.000		3.60	0.000	
Mg	mg/kg	5	7,970	280		2,690	204		2,020	81.3		2,530	92.9		1,110	36.7	
Mn	mg/kg	5	562	8.35		856	25.2		935	60.7		777	15.0		1,400	84.0	
Mo	mg/kg	4	0.490	0.090		0.780	0.055		0.450	0.125		0.200	0.020		0.945	0.185	
Na	mg/kg	5	514	189		44.9	19.7		64.6	27.1		79.3	18.2		42.5	26.0	
Ni	mg/kg	8	19.9	1.16		18.9	2.05		17.3	1.35		10.1	0.391		9.05	0.280	
P	mg/kg	6	897	86.8		912	15.5		500	9.72		957	112		468	20.5	
Pb	mg/kg	7	3.13	1.84		19.4	2.33		7.77	1.67		11.0	5.20		17.1	0.880	
S	mg/kg	5	460	5.57		304	14.0		237	2.12		249	7.99		157	9.77	
Sb	mg/kg																
Se	mg/kg	3	0.180	0.100		0.250	0.180		0.270	0.210		0.160	0.100		0.520	0.200	
Sn	mg/kg	1	37.9	0.000		26.0	0.000		14.3	0.000		21.2	0.000		11.8	0.000	
Sr	mg/kg	3	67.1	0.390		5.02	0.460		16.4	1.42		19.4	1.94		9.51	0.690	
V	mg/kg	2	111	14.2		41.4	8.60		44.0	20.0		95.4	14.6		38.6	11.0	
Zn	mg/kg	7	57.2	4.10		47.7	2.00		47.3	4.05		59.0	7.80		28.6	3.15	
Hg (US-EPA 7470 or 7471)	mg/kg	1	0.029	0.000		0.027	0.000		0.035	0.000		0.032	0.000		0.020	0.000	

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.