

Environmental	Soil 2022-101					Soil 2022-102			Soil 2022-103			Soil 2022-104			Soil 2022-105		
Soil Analyses	Units	n	Median	MAD	Lab <sup>1,2</sup>	Median	MAD	Lab <sup>1,2</sup>	Median	MAD	Lab <sup>1,2</sup>	Median	MAD	Lab <sup>1,2</sup>	Median	MAD	Lab <sup>1,2</sup>
<b>Metals</b>																	
Ag	mg/kg																
Al	mg/kg	6	11,100	2,120		7,530	2,120		6,180	849		13,900	2,720		10,400	2,210	
As	mg/kg	5	5.43	2.93		4.61	2.05		2.58	0.990		3.24	1.76		3.17	2.22	
Ba	mg/kg	3	178	12.1		62.8	4.79		52.3	0.010		200	0.073		136	11.8	
Be	mg/kg	1	0.650	0.000		0.380	0.000		0.280	0.000		0.590	0.000		0.710	0.000	
Bi	mg/kg																
B	mg/kg	2	4.32	0.070		3.06	0.465		1.82	0.280		15.0	2.08		3.80	0.370	
Ca	mg/kg	5	2,630	194		1,430	146		1,110	160		32,700	1,880		3,720	419	
Cd	mg/kg	4	0.334	0.095		0.219	0.086		0.136	0.038		0.264	0.089		0.227	0.051	
Co	mg/kg	6	8.37	0.355		6.22	0.730		3.30	0.164		8.20	0.335		4.17	0.324	
Cr	mg/kg	7	15.9	8.25		15.9	3.35		8.75	2.03		10.6	4.92		15.2	3.48	
Cu	mg/kg	5	15.7	2.13		23.0	2.46		3.91	0.670		14.2	1.72		12.3	2.23	
Fe	mg/kg	5	15,600	1,720		12,500	999		7,100	368		17,600	1,480		14,700	2,090	
K	mg/kg	5	1,660	325		2,250	35.7		583	17.8		6,020	112		1,360	177	
Li	mg/kg	1	8.00	0.000		6.10	0.000		3.12	0.000		14.4	0.000		6.18	0.000	
Mg	mg/kg	5	2,020	268		2,020	86.0		1,060	66.0		8,860	515		1,830	198	
Mn	mg/kg	5	724	16.0		315	3.20		257	3.80		490	16.7		314	9.30	
Mo	mg/kg	3	0.730	0.030		0.420	0.095		0.325	0.035		0.650	0.190		0.330	0.020	
Na	mg/kg	4	46.0	10.2		72.3	9.70		25.1	4.73		638	201		38.1	11.2	
Ni	mg/kg	7	16.6	0.985		9.16	1.68		5.54	0.415		7.93	1.00		9.64	1.25	
P	mg/kg	5	416	14.0		333	22.2		319	20.9		1,090	21.8		392	22.0	
Pb	mg/kg	7	18.0	1.06		9.85	1.24		10.8	1.07		9.56	0.948		15.0	3.78	
S	mg/kg	5	131	3.40		101	17.7		88.0	9.94		510	11.0		193	28.6	
Sb	mg/kg	1	1.17	0.000		1.34	0.000		0.500	0.000		1.40	0.000		0.680	0.000	
Se	mg/kg	2	1.30	1.20		0.740	0.660		0.520	0.430		0.958	0.888		1.42	1.34	
Sn	mg/kg	1	298	0.000		669	0.000		352	0.000		626	0.000		384	0.000	
Sr	mg/kg	2	18.9	1.32		15.6	0.780		4.35	0.470		110	0.500		16.4	1.47	
V	mg/kg	2	29.5	11.9		38.1	12.1		16.4	4.87		75.6	40.8		29.3	12.3	
Zn	mg/kg	5	46.4	7.00		77.9	3.80		24.7	1.60		50.4	3.20		46.2	4.17	
Hg (US-EPA 7470 or 7471)	mg/kg	0	0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000		0.000	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.