

Environmental	Soil 2021-116					Soil 2021-117			Soil 2021-118			Soil 2021-119			Soil 2021-120		
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	0.730	0.000		0.560	0.000		0.540	0.000		0.420	0.000		0.370	0.000	
Al	mg/kg	6	11,700	875		5,810	401		19,200	2,410		7,230	1,030		5,290	347	
As	mg/kg	6	7.32	0.940		3.83	0.756		3.86	0.594		5.03	0.560		2.99	0.288	
Ba	mg/kg	2	160	3.34		102	2.40		169	6.82		53.0	0.355		18.0	0.640	
Be	mg/kg																
Bi	mg/kg																
B	mg/kg	2	5.68	1.41		9.24	0.135		9.68	4.54		5.69	0.330		1.10	0.000	
Ca	mg/kg	5	3,430	243		4,190	220		6,620	539		11,000	860		739	114	
Cd	mg/kg	6	0.590	0.050		0.845	0.064		0.860	0.138		0.395	0.043		0.091	0.019	
Co	mg/kg	7	10.3	0.832		5.72	0.078		13.3	1.29		4.09	0.610		0.885	0.180	
Cr	mg/kg	8	15.8	1.17		11.1	1.87		20.4	3.93		9.92	1.36		3.98	0.665	
Cu	mg/kg	6	16.8	1.60		9.49	1.48		26.1	3.56		10.0	2.48		2.23	0.600	
Fe	mg/kg	5	18,600	1,450		9,090	813		26,000	282		10,500	1,230		2,300	89.3	
K	mg/kg	5	1,620	260		1,440	77.0		3,940	434		1,610	118		328	40.0	
Li	mg/kg																
Mg	mg/kg	5	1,830	314		1,960	349		5,420	865		3,630	503		245	18.0	
Mn	mg/kg	5	1,010	80.1		908	33.2		596	33.9		198	12.5		22.5	6.51	
Mo	mg/kg	3	0.870	0.170		0.570	0.047		0.330	0.050		0.770	0.010		0.310	0.090	
Na	mg/kg	5	64.6	36.5		66.0	15.1		302	100		150	29.6		37.2	20.0	
Ni	mg/kg	8	15.3	0.638		16.8	0.348		14.9	0.711		7.63	0.475		2.45	0.288	
P	mg/kg	6	530	18.5		466	15.5		947	17.0		520	26.3		165	10.0	
Pb	mg/kg	7	17.8	1.71		7.35	0.730		12.0	2.09		29.3	1.40		12.1	0.340	
S	mg/kg	5	221	22.0		230	19.0		221	12.8		267	12.0		61.5	11.0	
Sb	mg/kg																
Se	mg/kg	1	0.060	0.000		0.060	0.000		0.070	0.000		0.230	0.000		3.18	2.50	
Sn	mg/kg																
Sr	mg/kg	1	12.0	0.000		18.0	0.000		40.5	0.000		22.2	0.000		1.51	0.000	
V	mg/kg	1	25.5	0.000		20.0	0.000		47.3	0.000		17.6	0.000		5.02	0.000	
Zn	mg/kg	7	54.2	4.02		47.5	1.15		89.3	3.73		37.9	2.96		14.0	2.54	
Hg (US-EPA 7470 or 7471)	mg/kg	2	0.023	0.002		0.029	0.000		0.019	0.002		0.012	0.003		0.009	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.