

Environmental Soil Analyses	Soil 2020-111			Soil 2020-112			Soil 2020-113			Soil 2020-114			Soil 2020-115				
	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	12.4	0.000		0.363	0.000		0.763	0.000		0.731	0.000		0.783	0.000	
Al	mg/kg	6	18,700	1,050		5,290	196		9,660	1,310		16,700	989		15,800	1,380	
As	mg/kg	5	3.10	0.610		3.24	0.543		6.05	0.980		2.69	0.620		6.03	0.720	
Ba	mg/kg	3	192	3.86		25.7	2.43		138	2.41		345	10.9		202	0.597	
Be	mg/kg																
Bi	mg/kg																
B	mg/kg	3	5.63	2.83		1.86	1.33		3.20	0.740		7.33	1.43		4.84	0.190	
Ca	mg/kg	4	6,930	450		2,620	214		1,840	164		9,760	740		12,100	930	
Cd	mg/kg	5	0.600	0.153		0.100	0.065		0.234	0.088		0.303	0.103		0.300	0.057	
Co	mg/kg	5	12.3	1.47		3.74	0.400		11.3	0.297		9.35	0.547		8.70	0.401	
Cr	mg/kg	7	24.7	6.30		12.7	1.70		17.3	3.34		19.5	1.56		33.3	4.00	
Cu	mg/kg	6	29.4	3.50		14.0	3.25		10.8	1.95		15.2	3.65		20.4	2.74	
Fe	mg/kg	4	29,200	636		9,600	559		14,500	609		19,600	1,370		19,000	817	
K	mg/kg	4	4,240	274		515	46.6		991	24.6		3,720	239		3,030	160	
Li	mg/kg																
Mg	mg/kg	4	4,340	1,400		1,900	253		2,060	246		3,050	307		5,900	368	
Mn	mg/kg	4	641	13.6		331	4.60		984	13.6		1,120	40.7		530	15.7	
Mo	mg/kg	4	0.015	0.010		0.298	0.267		0.228	0.180		0.256	0.251		0.071	0.051	
Na	mg/kg	4	249	26.6		51.1	11.9		64.3	23.3		334	29.2		164	14.1	
Ni	mg/kg	6	15.6	0.700		9.10	0.429		11.8	0.425		14.5	0.605		21.3	0.970	
P	mg/kg	5	940	15.9		1,230	56.0		359	17.4		1,130	25.0		719	17.8	
Pb	mg/kg	6	11.8	3.76		8.80	1.48		15.6	2.42		9.28	2.94		12.6	2.20	
S	mg/kg	3	228	3.10		249	0.900		120	2.30		169	5.50		186	4.60	
Sb	mg/kg																
Se	mg/kg	3	0.010	0.009		0.020	0.020		0.488	0.110		0.387	0.144		0.412	0.369	
Sn	mg/kg																
Sr	mg/kg	2	37.5	5.80		11.5	2.36		17.0	7.62		74.2	12.4		42.8	5.65	
V	mg/kg	1	87.8	0.000		19.5	0.000		57.0	0.000		71.0	0.000		56.5	0.000	
Zn	mg/kg	6	95.0	3.10		46.9	1.73		41.0	1.36		68.7	3.78		60.1	3.32	
Hg (US-EPA 7470 or 7471)	mg/kg	1	0.044	0.000		0.044	0.000		0.034	0.000		0.027	0.000		0.037	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.