

Environmental	Soil 2020-116				Soil 2020-117				Soil 2020-118				Soil 2020-119				Soil 2020-120			
Soil Analyses	Units	#	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	2	1.18	1.18		1.18	1.18		1.20	1.20		1.17	1.17		1.16	1.16				
Al	mg/kg	7	17,900	2,930		10,500	1,670		18,800	2,600		15,200	1,450		5,430	332				
As	mg/kg	5	2.14	1.66		4.72	1.01		8.72	0.970		2.16	1.01		1.93	0.453				
Ba	mg/kg	4	193	9.00		110	5.14		203	5.84		329	15.6		48.4	1.58				
Be	mg/kg	1	0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000				
Bi	mg/kg	1	0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000				
B	mg/kg	3	6.00	5.01		3.36	1.66		12.5	0.090		5.82	2.42		1.84	0.660				
Ca	mg/kg	5	9,910	980		2,390	145		37,300	903		8,880	439		1,040	65.0				
Cd	mg/kg	6	0.050	0.049		0.160	0.160		0.492	0.304		0.254	0.158		0.060	0.060				
Co	mg/kg	6	11.4	1.34		8.06	0.352		8.52	0.140		8.72	0.462		3.04	0.210				
Cr	mg/kg	8	21.6	4.62		17.7	3.40		27.4	3.06		17.5	3.10		7.39	1.03				
Cu	mg/kg	7	18.4	4.62		14.4	2.29		25.2	1.75		18.5	4.50		6.16	2.16				
Fe	mg/kg	5	25,400	3,090		14,500	1,190		21,400	2,480		19,400	2,610		6,530	740				
K	mg/kg	5	6,370	349		1,240	159		5,240	584		3,430	112		604	45.3				
Li	mg/kg	1	0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000				
Mg	mg/kg	5	5,910	435		1,660	165		8,970	559		3,120	90.0		959	40.9				
Mn	mg/kg	5	511	32.7		546	48.4		560	3.40		1,050	32.9		250	17.9				
Mo	mg/kg	4	0.525	0.305		0.705	0.076		0.710	0.350		0.695	0.040		0.394	0.116				
Na	mg/kg	5	721	135		39.8	19.9		123	11.6		262	7.53		31.9	23.4				
Ni	mg/kg	8	8.65	1.62		13.9	1.25		26.9	2.10		13.8	0.860		5.17	0.150				
P	mg/kg	6	1,000	41.5		476	35.8		1,280	44.2		1,160	44.1		328	7.38				
Pb	mg/kg	7	8.17	1.53		13.1	0.467		14.9	1.89		9.99	1.99		10.7	0.799				
S	mg/kg	5	330	7.41		298	41.1		348	21.3		192	25.6		87.7	6.39				
Sb	mg/kg	1	0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000				
Se	mg/kg	3	0.700	0.588		1.05	0.547		0.600	0.250		1.11	0.492		0.487	0.487				
Sn	mg/kg	1	0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000				
Sr	mg/kg	3	117	14.0		8.43	3.67		51.8	17.7		56.2	13.3		2.67	2.49				
V	mg/kg	1	62.4	0.000		23.2	0.000		29.4	0.000		35.2	0.000		13.1	0.000				
Zn	mg/kg	7	61.5	5.46		42.3	3.58		83.9	5.13		66.8	2.33		23.6	1.18				
Hg (US-EPA 7470 or 7471)	mg/kg	2	0.011	0.005		0.020	0.006		0.069	0.056		0.040	0.028		0.044	0.024				

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.