

Environmental	Soil 2018-116			Soil 2018-117			Soil 2018-118			Soil 2018-119			Soil 2018-120				
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																
Al	mg/kg	6	18,100	1,890		17,500	1,720		10,100	1,870		18,100	1,090		17,700	1,700	
As	mg/kg	6	7.36	1.05		8.65	0.630		8.28	0.205		7.68	0.555		1.80	0.360	
Ba	mg/kg	2	196	3.50		46.4	0.350		174	4.00		183	9.00		101	2.25	
Be	mg/kg	1	1.10	0.000		0.600	0.000		0.500	0.000		0.900	0.000		0.400	0.000	
Bi	mg/kg																
B	mg/kg	4	10.5	2.40		5.10	2.48		5.70	3.29		5.80	1.40		3.50	0.675	
Ca	mg/kg	5	25,300	869		1,800	225		2,600	191		4,050	69.0		4,300	403	
Cd	mg/kg	4	0.625	0.054		0.494	0.136		0.460	0.150		0.788	0.077		0.311	0.129	
Co	mg/kg	5	7.60	0.600		6.20	0.270		9.90	1.16		10.3	1.10		9.81	0.710	
Cr	mg/kg	7	17.7	1.70		27.0	2.90		15.0	2.50		23.0	3.30		16.2	2.40	
Cu	mg/kg	7	17.2	2.30		13.6	2.60		8.90	1.95		18.6	1.70		19.0	4.00	
Fe	mg/kg	5	19,200	1,010		17,800	1,430		15,100	2,010		19,200	2,020		19,300	3,020	
K	mg/kg	5	3,460	1,100		1,000	282		969	453		2,900	359		1,800	187	
Li	mg/kg	1	21.0	0.000		17.0	0.000		5.00	0.000		13.0	0.000		7.00	0.000	
Mg	mg/kg	5	6,700	308		2,930	202		1,900	161		3,600	85.6		4,020	177	
Mn	mg/kg	4	349	24.8		422	22.5		1,310	88.6		834	37.2		343	28.7	
Mo	mg/kg	2	1.33	0.630		0.768	0.068		0.915	0.145		0.760	0.460		0.408	0.282	
Na	mg/kg	4	829	32.5		108	16.6		59.0	8.49		134	33.8		665	191	
Ni	mg/kg	7	13.4	1.91		16.2	1.00		12.0	0.400		15.3	0.660		24.2	1.30	
P	mg/kg	6	662	25.1		1,290	58.0		352	9.16		817	45.9		811	26.7	
Pb	mg/kg	6	15.3	0.650		13.5	0.850		17.8	1.15		17.2	0.800		4.85	0.755	
S	mg/kg	3	564	20.9		330	21.4		163	8.12		194	6.22		268	0.270	
Sb	mg/kg	1	0.400	0.000		0.300	0.000		0.400	0.000		0.400	0.000				
Se	mg/kg	3	0.230	0.130		0.250	0.165		1.16	0.650		0.360	0.065		0.070	0.050	
Sn	mg/kg																
Sr	mg/kg	2	129	23.0		5.50	0.505		10.7	1.28		23.0	3.95		36.0	2.00	
V	mg/kg	2	26.2	6.95		25.0	4.00		27.7	6.20		28.8	10.6		43.8	19.8	
Zn	mg/kg	7	57.0	0.440		52.0	3.00		38.2	2.05		62.9	2.94		43.0	3.00	
Hg (US-EPA 7470 or 7471)	mg/kg	2	0.012	0.003		0.065	0.005		0.015	0.002		0.025	0.001		0.009	0.001	

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.