



2018 North American Proficiency Testing Program
Quarter 1 Env Soil Report - Apr 09, 2018

Laboratory ID
General

Environmental Soil Analyses	Soil 2018-101			Soil 2018-102			Soil 2018-103			Soil 2018-104			Soil 2018-105				
	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}
Ag	mg/kg	1	0.003	0.000		0.024	0.000										
Al	mg/kg	7	10700	2610		23700	1290		26100	4240		12800	3560		10700	1950	
As	mg/kg	7	7.30	0.510		3.53	0.448		11.9	1.41		2.44	0.590		2.77	0.530	
Ba	mg/kg	3	175	2.00		217	6.90		102	9.00		20.8	1.80		204	5.00	
Be	mg/kg	2	0.127	0.013		0.126	0.104		0.675	0.216		0.081	0.000		0.268	0.052	
Bi	mg/kg																
B	mg/kg	4	9.20	3.69		6.25	2.28		6.65	2.23		2.11	0.390		6.57	1.17	
Ca	mg/kg	6	2630	257		4920	291		14400	489		937	159		3740	193	
Cd	mg/kg	5	0.400	0.010		0.650	0.070		0.700	0.020		0.105	0.050		0.270	0.060	
Co	mg/kg	6	9.13	1.24		13.3	1.90		11.5	1.25		1.10	0.349		4.99	0.749	
Cr	mg/kg	8	18.3	2.25		26.0	2.49		26.2	5.64		6.33	1.19		8.16	1.29	
Cu	mg/kg	7	8.80	1.43		22.5	2.84		22.2	3.32		9.49	1.36		9.88	1.30	
Fe	mg/kg	6	14600	775		24800	2480		25700	2220		2740	563		10600	2360	
K	mg/kg	6	1490	567		3750	386		1930	552		779	301		1950	921	
Li	mg/kg	2	5.31	0.74		7.73	1.92		28.7	4.88		1.83	0.926		4.88	1.72	
Mg	mg/kg	6	2040	334		3400	165		7430	501		499	129		2300	455	
Mn	mg/kg	6	1240	81.7		678	28.0		546	26.6		28.5	9.48		217	16.6	
Mo	mg/kg	3	0.494	0.094		0.581	0.231		1.07	0.090		0.191	0.109		0.300	0.037	
Na	mg/kg	5	83.2	41.8		600	144		99.0	41.5		25.2	15.4		167	31.7	
Ni	mg/kg	8	11.4	1.19		14.1	1.56		25.4	4.61		4.49	0.693		6.80	1.34	
P	mg/kg	7	366	24.0		1340	17.3		905	21.5		339	21.8		249	17.0	
Pb	mg/kg	7	18.9	0.960		12.3	4.85		33.5	4.47		14.5	2.24		9.00	1.75	
S	mg/kg	5	169	12.6		334	22.7		630	34.6		148	17.5		364	6.75	
Sb	mg/kg	1	0.649	0.000		1.53	0.000		1.37	0.000		0.278	0.000				
Se	mg/kg	5	0.500	0.220		0.240	0.070		1.01	0.835		0.928	0.793		0.041	0.040	
Sn	mg/kg																
Sr	mg/kg	3	12.2	3.01		31.8	2.22		20.9	3.19		2.48	0.690		63.3	0.12	
V	mg/kg	3	31.2	15.5		67.3	24.8		47.8	3.70		14.3	4.22		18.3	12.1	
Zn	mg/kg	8	38.6	6.68		91.4	8.35		128	16.2		19.8	2.18		27.7	5.28	
Hg (US-EPA 7470 or	mg/kg	1	0.014	0.000		0.016	0.000		0.073	0.000		0.001	0.000		0.006	0.000	