



2017 North American Proficiency Testing Program
3rd Quarter Report - October 11, 2017

Laboratory ID
General

Environmental			Soil 2017-111			Soil 2017-112			Soil 2017-113			Soil 2017-114			Soil 2017-115		
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}
Ag	mg/kg	1							0.014	0.000		0.001	0.000		0.004	0.000	
Al	mg/kg	8	13700	1230		19100	3830		11900	565		3780	936		11200	2540	
As	mg/kg	7	3.16	0.390		7.61	1.04		4.30	0.950		2.15	0.400		10.9	1.35	
Ba	mg/kg	3	106	11.0		191	25.0		37.5	10.5		61.4	2.40		133	10.5	
Be	mg/kg	2	0.376	0.125		0.307	0.194		0.335	0.265		0.527	0.474		0.266	0.235	
Bi	mg/kg																
B	mg/kg	4	12.7	4.82		11.9	6.01		3.70	2.37		11.0	0.740		3.52	1.29	
Ca	mg/kg	7	11200	674		5800	158		1130	151		3210	59.0		2050	223	
Cd	mg/kg	7	0.460	0.100		0.440	0.050		0.200	0.040		0.250	0.070		0.236	0.086	
Co	mg/kg	7	4.40	0.390		9.58	0.600		4.07	0.230		2.46	0.210		10.1	0.590	
Cr	mg/kg	9	17.7	3.23		26.5	5.95		8.40	1.48		5.62	0.696		16.5	3.94	
Cu	mg/kg	9	10.8	1.80		14.9	2.26		7.91	1.23		2.50	0.260		8.03	1.13	
Fe	mg/kg	7	10800	1680		19100	2260		16900	1970		5070	691		18700	1650	
K	mg/kg	7	4590	457		3610	1220		708	174		1010	267		1400	489	
Li	mg/kg	2	14.9	1.85		14.9	2.86		13.8	0.155		4.33	0.670		9.91	0.910	
Mg	mg/kg	7	5990	625		3810	544		1380	131		1340	71.0		1440	123	
Mn	mg/kg	7	354	15.4		857	46.1		255	11.0		438	7.70		1340	52.4	
Mo	mg/kg	5	0.415	0.065		1.02	0.420		2.76	1.05		0.201	0.049		0.930	0.384	
Na	mg/kg	6	148	39.3		63.8	29.9		42.4	11.8		34.4	15.2		44.6	17.8	
Ni	mg/kg	9	8.93	1.13		22.0	2.10		2.87	0.496		6.00	0.550		9.58	2.35	
P	mg/kg	8	1190	55.5		887	25.2		867	80.2		347	15.0		470	11.5	
Pb	mg/kg	8	10.6	1.44		15.7	1.55		29.7	2.33		3.90	0.207		19.5	1.17	
S	mg/kg	6	378	28.5		423	37.0		495	33.5		216	34.8		150	28.0	
Sb	mg/kg	1	0.195	0.000		0.221	0.000		0.172	0.000		0.277	0.000		0.604	0.000	
Se	mg/kg	2	2.38	1.97		2.10	1.10		0.810	0.700		2.15	0.150		1.10	0.350	
Sn	mg/kg																
Sr	mg/kg	3	30.0	1.50		18.1	0.10		3.31	1.31		9.26	0.260		10.0	0.510	
V	mg/kg	3	22.7	9.49		62.6	3.50		28.2	1.58		21.6	2.85		41.0	7.40	
Zn	mg/kg	9	51.1	5.10		68.0	7.00		36.0	3.50		21.7	2.40		29.3	5.44	
Hg (US-EPA 7470 or	mg/kg	1	0.020	0.000		0.020	0.000		0.020	0.000		0.020	0.000		0.020	0.000	