



2022 North American Proficiency Testing Program
 Quarter 2 Environmental Report - 7/12/2023

Laboratory ID
 General

Environmental Soil Analyses	Units	n	Soil 2023-106			Soil 2023-107			Soil 2023-108			Soil 2023-109			Soil 2023-110		
			Median	MAD	Lab Result	Median	MAD	Lab Result	Median	MAD	Lab Result	Median	MAD	Lab Result	Median	MAD	Lab Result
Metals																	
Ag	mg/kg																
Al	mg/kg	7	19200.0	1000.0		34500.0	2590.0		13400.0	1780.0		3030.0	278.0		13000.0	1250.0	
As	mg/kg	5	9.65	N/A		4.99	N/A		7.59	N/A		1.76	N/A		5.82	N/A	
Ba	mg/kg	2	144.0	N/A		173.0	N/A		163.0	N/A		68.2	N/A		145.0	N/A	
Be	mg/kg																
Bi	mg/kg																
B	mg/kg	4	9.55	N/A		5.92	N/A		6.36	N/A		6.65	N/A		4.82	N/A	
Ca	mg/kg	6	10600.0	N/A		4390.0	139.0		5430.0	N/A		3410.0	N/A		2890.0	153.0	
Cd	mg/kg	5	0.86	0.12		0.41	N/A		0.36	0.078		0.21	N/A		0.27	N/A	
Co	mg/kg	7	12.5	N/A		20.2	N/A		10.0	0.25		2.43	N/A		9.47	0.40	
Cr	mg/kg	6	28.9	0.89		34.6	5.44		18.6	1.96		5.88	0.64		19.1	0.77	
Cu	mg/kg	5	29.1	N/A		24.8	N/A		15.6	N/A		3.30	N/A		12.1	N/A	
Fe	mg/kg	4	31700.0	1080.0		43100.0	2990.0		18500.0	N/A		4990.0	492.0		17300.0	N/A	
K	mg/kg	5	2210.0	535.0		1220.0	N/A		1620.0	N/A		916.0	N/A		1380.0	N/A	
Li	mg/kg																
Mg	mg/kg	5	6220.0	N/A		3820.0	N/A		3400.0	N/A		1360.0	N/A		2700.0	N/A	
Mn	mg/kg	5	480.0	N/A		1030.0	N/A		693.0	N/A		478.0	N/A		791.0	N/A	
Mo	mg/kg	4	4.64	N/A		0.16	N/A		0.58	N/A		0.012	N/A		0.44	N/A	
Na	mg/kg	6	93.0	14.6		192.0	33.8		57.6	N/A		50.0	19.4		60.9	22.8	
Ni	mg/kg	7	36.0	3.16		22.2	3.14		17.0	2.08		6.11	0.29		14.6	1.70	
P	mg/kg	5	625.0	15.7		1490.0	84.7		604.0	N/A		348.0	7.58		738.0	N/A	
Pb	mg/kg	6	17.3	2.01		9.71	1.70		17.1	0.94		4.33	N/A		14.0	1.13	
S	mg/kg	5	293.0	N/A		288.0	N/A		268.0	N/A		209.0	N/A		282.0	N/A	
Sb	mg/kg																
Se	mg/kg	1	3.21	N/A		3.20	N/A		2.95	N/A		1.21	N/A		2.37	N/A	
Sn	mg/kg																
Sr	mg/kg	1	80.3	N/A		39.9	N/A		12.8	N/A		10.8	N/A		10.8	N/A	
V	mg/kg	1	22.0	N/A		133.0	N/A		23.9	N/A					26.2	N/A	
Zn	mg/kg	5	119.0	6.00		81.3	2.49		54.6	N/A		23.7	N/A		81.9	N/A	
Hg (US-EPA 7470 or 7471)	mg/kg	1	0.066	N/A		0.047	N/A		0.040	N/A		0.028	N/A		0.051	N/A	