



2022 North American Proficiency Testing Program
 Quarter 1 Environmental Report - 4/29/2023

Laboratory ID
 General

Environmental	Soil 2023-101			Soil 2023-102			Soil 2023-103			Soil 2023-104			Soil 2023-105				
Soil Analyses	Units	n	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	6	13400.0	4120.0		15200.0	3980.0		15600.0	3710.0		14200.0	2830.0		12300.0	2890.0	
As	mg/kg	6	2.38	N/A		4.63	1.72		5.82	1.41		7.00	1.39		5.96	1.80	
Ba	mg/kg	2	103.0	N/A		150.0	N/A		136.0	N/A		120.0	N/A		138.0	N/A	
Be	mg/kg																
Bi	mg/kg																
B	mg/kg	4	3.45	N/A		4.80	N/A		5.70	N/A		3.08	N/A		3.30	N/A	
Ca	mg/kg	5	15500.0	N/A		3250.0	N/A		8970.0	N/A		1470.0	N/A		1880.0	N/A	
Cd	mg/kg	6	0.39	N/A		0.29	0.095		0.39	0.068		0.20	0.12		0.28	0.073	
Co	mg/kg	6	5.98	0.42		9.39	0.47		8.26	0.69		9.30	0.64		11.8	0.26	
Cr	mg/kg	6	19.2	N/A		23.4	4.97		17.8	4.16		16.9	2.69		16.5	1.40	
Cu	mg/kg	5	10.4	N/A		12.5	N/A		13.8	N/A		11.5	N/A		9.51	N/A	
Fe	mg/kg	5	10700.0	N/A		17700.0	N/A		17100.0	N/A		16400.0	N/A		15200.0	N/A	
K	mg/kg	5	1570.0	N/A		1380.0	N/A		2530.0	N/A		1210.0	N/A		1130.0	N/A	
Li	mg/kg																
Mg	mg/kg	5	2560.0	N/A		2670.0	N/A		5670.0	N/A		1670.0	N/A		2040.0	N/A	
Mn	mg/kg	4	248.0	N/A		832.0	N/A		683.0	N/A		667.0	N/A		1020.0	N/A	
Mo	mg/kg	5	0.64	N/A		0.53	N/A		0.62	N/A		0.59	N/A		0.50	N/A	
Na	mg/kg	5	197.0	N/A		57.0	N/A		106.0	N/A		44.0	N/A		58.6	N/A	
Ni	mg/kg	7	22.7	2.29		14.6	3.25		14.4	3.58		13.5	3.54		12.9	2.00	
P	mg/kg	5	222.0	N/A		757.0	N/A		658.0	N/A		589.0	N/A		376.0	N/A	
Pb	mg/kg	7	5.31	3.02		15.0	0.58		16.9	2.40		15.2	3.26		17.7	2.78	
S	mg/kg	5	9270.0	N/A		276.0	N/A		218.0	N/A		183.0	N/A		118.0	N/A	
Sb	mg/kg																
Se	mg/kg	2	0.79	N/A		1.46	N/A		1.77	N/A		1.55	N/A		1.56	N/A	
Sn	mg/kg																
Sr	mg/kg	1	66.7	N/A		11.6	N/A		24.0	N/A		11.0	N/A		11.2	N/A	
V	mg/kg	1	15.6	N/A		39.0	N/A		39.7	N/A		40.1	N/A		38.2	N/A	
Zn	mg/kg	5	24.7	N/A		75.8	11.0		55.4	N/A		50.7	N/A		41.5	N/A	
Hg (US-EPA 7470 or 7471)	mg/kg	1	0.018	N/A		0.027	N/A		0.031	N/A		0.009	N/A		0.028	N/A	