



**2022 North American Proficiency Testing Program  
Quarter 3 Environmental Report - 10/24/2022**

Laboratory ID  
**General**

Environmental Soil Analyses	Units	Soil 2022-111			Soil 2022-112			Soil 2022-113			Soil 2022-114			Soil 2022-115			
		n	Median	MAD	Lab Result	Median	MAD	Lab Result	Median	MAD	Lab Result	Median	MAD	Lab Result	Median	MAD	Lab Result
<b>Metals</b>																	
Ag	mg/kg																
Al	mg/kg	7	11500.0	1830.0		8890.0	1020.0		8670.0	1620.0		14000.0	1380.0		12100.0	1820.0	
As	mg/kg	5	7.78	N/A		4.93	0.51		6.29	N/A		11.8	N/A		5.01	N/A	
Ba	mg/kg	1	161.0	N/A		62.3	N/A		171.0	N/A		69.6	N/A		58.1	N/A	
Be	mg/kg																
Bi	mg/kg																
B	mg/kg	4	4.96	N/A		3.09	N/A		4.51	N/A		9.16	N/A		4.06	N/A	
Ca	mg/kg	5	7440.0	N/A		1520.0	N/A		2490.0	N/A		3680.0	N/A		7130.0	N/A	
Cd	mg/kg	5	0.40	N/A		0.34	0.056		0.50	N/A		0.67	N/A		0.63	N/A	
Co	mg/kg	7	7.32	0.52		5.74	0.64		9.44	0.86		12.4	0.50		8.04	0.35	
Cr	mg/kg	7	18.5	3.09		18.5	1.70		16.6	3.52		24.0	3.23		16.3	2.61	
Cu	mg/kg	6	11.8	N/A		23.0	N/A		8.50	N/A		22.8	0.85		8.81	0.63	
Fe	mg/kg	6	14900.0	1690.0		12700.0	N/A		14300.0	N/A		25600.0	N/A		21600.0	1860.0	
K	mg/kg	5	1240.0	N/A		2240.0	N/A		1100.0	N/A		2350.0	N/A		976.0	N/A	
Li	mg/kg																
Mg	mg/kg	5	2080.0	N/A		2040.0	N/A		1880.0	N/A		3690.0	N/A		1540.0	N/A	
Mn	mg/kg	5	681.0	N/A		310.0	N/A		1250.0	N/A		355.0	N/A		1950.0	N/A	
Mo	mg/kg	5	0.60	N/A		0.48	N/A		0.40	N/A		5.29	N/A		0.44	N/A	
Na	mg/kg	3	95.4	N/A		76.1	N/A		53.1	N/A		61.7	N/A		31.9	N/A	
Ni	mg/kg	8	10.2	1.24		9.52	1.23		11.6	0.84		27.2	1.33		7.60	0.58	
P	mg/kg	5	451.0	N/A		352.0	N/A		352.0	N/A		417.0	N/A		980.0	N/A	
Pb	mg/kg	7	15.5	0.47		9.49	1.41		17.6	1.20		19.4	0.49		24.7	1.14	
S	mg/kg	5	241.0	N/A		110.0	N/A		155.0	N/A		189.0	N/A		514.0	N/A	
Sb	mg/kg																
Se	mg/kg	3	0.65	N/A		0.52	N/A		0.73	N/A		1.21	N/A		1.23	N/A	
Sn	mg/kg																
Sr	mg/kg	1	16.7	N/A		14.7	N/A		10.9	N/A		12.8	N/A		13.5	N/A	
V	mg/kg																
Zn	mg/kg	4	47.3	1.14		79.2	N/A		41.7	N/A		84.2	2.80		47.5	N/A	
Hg (US-EPA 7470 or 7471)	mg/kg	2	0.024	N/A		0.013	N/A		0.020	N/A		0.032	N/A		0.087	N/A	