

Hit Summary Sheet SW-846

SDG No.: P4258

Order ID: P4258

Client: Roman E&G Corp

Project ID: Perth Amboy

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	Chamberlain Ave							
P4258-03	Chamberlain Ave	SOIL	Aluminum	5650		2.62	5.43	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Arsenic	2.05		0.32	1.09	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Barium	65.0		0.70	5.43	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Beryllium	0.95		0.013	0.33	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Cadmium	2.18		0.017	0.33	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Calcium	1430		3.04	109	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Chromium	12.2		0.059	0.54	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Cobalt	9.76		0.063	1.63	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Copper	23.0		0.51	1.09	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Iron	13800		2.92	5.43	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Lead	48.3		0.16	0.65	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Magnesium	2360		3.73	109	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Manganese	186		0.077	1.09	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Mercury	0.094		0.0070	0.015	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Nickel	24.3		0.098	2.17	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Potassium	722		31.2	109	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Sodium	105	J	39.2	109	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Vanadium	17.6		0.29	2.17	mg/Kg
P4258-03	Chamberlain Ave	SOIL	Zinc	39.8		0.12	2.17	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	Chamberlain Ave	SDG No.:	P4258
Lab Sample ID:	P4258-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	86

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5650		1	2.62	5.43	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-36-0	Antimony	0.16	UN	1	0.16	2.72	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-38-2	Arsenic	2.05		1	0.32	1.09	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-39-3	Barium	65.0		1	0.70	5.43	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-41-7	Beryllium	0.95		1	0.013	0.33	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-43-9	Cadmium	2.18		1	0.017	0.33	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-70-2	Calcium	1430		1	3.04	109	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-47-3	Chromium	12.2		1	0.059	0.54	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-48-4	Cobalt	9.76		1	0.063	1.63	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-50-8	Copper	23.0	N	1	0.51	1.09	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7439-89-6	Iron	13800		1	2.92	5.43	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7439-92-1	Lead	48.3		1	0.16	0.65	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7439-95-4	Magnesium	2360		1	3.73	109	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7439-96-5	Manganese	186		1	0.077	1.09	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7439-97-6	Mercury	0.094		1	0.0070	0.015	mg/Kg	10/11/24 13:30	10/14/24 11:59	SW7471B	
7440-02-0	Nickel	24.3		1	0.098	2.17	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-09-7	Potassium	722	N	1	31.2	109	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7782-49-2	Selenium	0.36	UN	1	0.36	1.09	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-22-4	Silver	0.057	U	1	0.057	0.54	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-23-5	Sodium	105	JN	1	39.2	109	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-28-0	Thallium	0.48	U	1	0.48	2.17	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-62-2	Vanadium	17.6	N	1	0.29	2.17	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050
7440-66-6	Zinc	39.8	N	1	0.12	2.17	mg/Kg	10/11/24 09:05	10/14/24 15:05	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Roman E&G Corp				SDG No.:	P4258			
Contract:	ROMA02	Lab Code:	CHEM	Case No.:	P4258	SAS No.:	P4258		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB36	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	11:38	LB132914

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB13	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	11:43	LB132914
CCB14	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	12:13	LB132914
CCB15	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	12:41	LB132914
CCB16	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	13:12	LB132914
CCB17	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	13:39	LB132914
CCB18	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	14:06	LB132914
CCB19	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	14:34	LB132914
CCB20	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	15:01	LB132914
CCB21	Mercury	0.20	+/-0.20	U	0.20	CV	10/14/2024	15:17	LB132914

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	10/14/2024	14:23	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	14:23	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	14:23	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	14:23	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	14:23	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	14:23	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	14:23	LB132927
	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	14:23	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	14:23	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	14:23	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	14:23	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	14:23	LB132927
	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	14:23	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	14:23	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	14:23	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	14:23	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	14:23	LB132927
	Silver	10.0	+/-10.0	U	10.0	P	10/14/2024	14:23	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	14:23	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	14:23	LB132927
	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	14:23	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	14:23	LB132927

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	10/14/2024	14:47	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	14:47	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	14:47	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	14:47	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	14:47	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	14:47	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	14:47	LB132927
	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	14:47	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	14:47	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	14:47	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	14:47	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	14:47	LB132927
	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	14:47	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	14:47	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	14:47	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	14:47	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	14:47	LB132927
	Silver	10.0	+/-10.0	U	10.0	P	10/14/2024	14:47	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	14:47	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	14:47	LB132927
	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	14:47	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	14:47	LB132927
CCB02	Aluminum	100	+/-100	U	100	P	10/14/2024	15:13	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	15:13	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	15:13	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	15:13	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	15:13	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	15:13	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	15:13	LB132927
	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	15:13	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	15:13	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	15:13	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	15:13	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	15:13	LB132927
	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	15:13	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	15:13	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	15:13	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	15:13	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	15:13	LB132927

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	10/14/2024	15:13	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	15:13	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	15:13	LB132927
	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	15:13	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	15:13	LB132927
CCB03	Aluminum	100	+/-100	U	100	P	10/14/2024	16:07	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	16:07	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	16:07	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	16:07	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	16:07	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	16:07	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	16:07	LB132927
	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	16:07	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	16:07	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	16:07	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	16:07	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	16:07	LB132927
	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	16:07	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	16:07	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	16:07	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	16:07	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	16:07	LB132927
	Silver	1.36	+/-10.0	J	10.0	P	10/14/2024	16:07	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	16:07	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	16:07	LB132927
	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	16:07	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	16:07	LB132927
CCB04	Aluminum	100	+/-100	U	100	P	10/14/2024	17:11	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	17:11	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	17:11	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	17:11	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	17:11	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	17:11	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	17:11	LB132927
	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	17:11	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	17:11	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	17:11	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	17:11	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	17:11	LB132927

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	17:11	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	17:11	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	17:11	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	17:11	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	17:11	LB132927
	Silver	1.36	+/-10.0	J	10.0	P	10/14/2024	17:11	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	17:11	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	17:11	LB132927
	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	17:11	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	17:11	LB132927
CCB05	Aluminum	100	+/-100	U	100	P	10/14/2024	18:04	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	18:04	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	18:04	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	18:04	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	18:04	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	18:04	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	18:04	LB132927
	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	18:04	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	18:04	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	18:04	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	18:04	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	18:04	LB132927
	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	18:04	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	18:04	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	18:04	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	18:04	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	18:04	LB132927
	Silver	1.27	+/-10.0	J	10.0	P	10/14/2024	18:04	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	18:04	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	18:04	LB132927
CCB06	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	18:04	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	18:04	LB132927
	Aluminum	100	+/-100	U	100	P	10/14/2024	18:55	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	18:55	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	18:55	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	18:55	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	18:55	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	18:55	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	18:55	LB132927

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	18:55	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	18:55	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	18:55	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	18:55	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	18:55	LB132927
	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	18:55	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	18:55	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	18:55	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	18:55	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	18:55	LB132927
	Silver	10.0	+/-10.0	U	10.0	P	10/14/2024	18:55	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	18:55	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	18:55	LB132927
	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	18:55	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	18:55	LB132927
CCB07	Aluminum	100	+/-100	U	100	P	10/14/2024	19:15	LB132927
	Antimony	50.0	+/-50.0	U	50.0	P	10/14/2024	19:15	LB132927
	Arsenic	20.0	+/-20.0	U	20.0	P	10/14/2024	19:15	LB132927
	Barium	100	+/-100	U	100	P	10/14/2024	19:15	LB132927
	Beryllium	6.00	+/-6.00	U	6.00	P	10/14/2024	19:15	LB132927
	Cadmium	6.00	+/-6.00	U	6.00	P	10/14/2024	19:15	LB132927
	Calcium	2000	+/-2000	U	2000	P	10/14/2024	19:15	LB132927
	Chromium	10.0	+/-10.0	U	10.0	P	10/14/2024	19:15	LB132927
	Cobalt	30.0	+/-30.0	U	30.0	P	10/14/2024	19:15	LB132927
	Copper	20.0	+/-20.0	U	20.0	P	10/14/2024	19:15	LB132927
	Iron	100	+/-100	U	100	P	10/14/2024	19:15	LB132927
	Lead	12.0	+/-12.0	U	12.0	P	10/14/2024	19:15	LB132927
	Magnesium	2000	+/-2000	U	2000	P	10/14/2024	19:15	LB132927
	Manganese	20.0	+/-20.0	U	20.0	P	10/14/2024	19:15	LB132927
	Nickel	40.0	+/-40.0	U	40.0	P	10/14/2024	19:15	LB132927
	Potassium	2000	+/-2000	U	2000	P	10/14/2024	19:15	LB132927
	Selenium	20.0	+/-20.0	U	20.0	P	10/14/2024	19:15	LB132927
	Silver	1.22	+/-10.0	J	10.0	P	10/14/2024	19:15	LB132927
	Sodium	2000	+/-2000	U	2000	P	10/14/2024	19:15	LB132927
	Thallium	40.0	+/-40.0	U	40.0	P	10/14/2024	19:15	LB132927
	Vanadium	40.0	+/-40.0	U	40.0	P	10/14/2024	19:15	LB132927
	Zinc	40.0	+/-40.0	U	40.0	P	10/14/2024	19:15	LB132927

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	10/15/2024	11:41	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	11:41	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	11:41	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	11:41	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	11:41	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	11:41	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	11:41	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	11:41	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	11:41	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	11:41	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	11:41	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	11:41	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	11:41	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	11:41	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	11:41	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	11:41	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	11:41	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	11:41	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	11:41	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	11:41	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	11:41	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	11:41	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	10/15/2024	12:30	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	12:30	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	12:30	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	12:30	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	12:30	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	12:30	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	12:30	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	12:30	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	12:30	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	12:30	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	12:30	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	12:30	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	12:30	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	12:30	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	12:30	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	12:30	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	12:30	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	12:30	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	12:30	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	12:30	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	12:30	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	12:30	LB132951
CCB02	Aluminum	100	+/-100	U	100	P	10/15/2024	13:27	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	13:27	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	13:27	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	13:27	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	13:27	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	13:27	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	13:27	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	13:27	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	13:27	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	13:27	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	13:27	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	13:27	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	13:27	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	13:27	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	13:27	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	13:27	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	13:27	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	13:27	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	13:27	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	13:27	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	13:27	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	13:27	LB132951
CCB03	Aluminum	100	+/-100	U	100	P	10/15/2024	14:11	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	14:11	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	14:11	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	14:11	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	14:11	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	14:11	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	14:11	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	14:11	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	14:11	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	14:11	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	14:11	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	14:11	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	14:11	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	14:11	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	14:11	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	14:11	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	14:11	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	14:11	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	14:11	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	14:11	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	14:11	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	14:11	LB132951
CCB04	Aluminum	100	+/-100	U	100	P	10/15/2024	14:39	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	14:39	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	14:39	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	14:39	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	14:39	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	14:39	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	14:39	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	14:39	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	14:39	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	14:39	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	14:39	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	14:39	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	14:39	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	14:39	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	14:39	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	14:39	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	14:39	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	14:39	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	14:39	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	14:39	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	14:39	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	14:39	LB132951
CCB05	Aluminum	100	+/-100	U	100	P	10/15/2024	15:30	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	15:30	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	15:30	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	15:30	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	15:30	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	15:30	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	15:30	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	15:30	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	15:30	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	15:30	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	15:30	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	15:30	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	15:30	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	15:30	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	15:30	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	15:30	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	15:30	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	15:30	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	15:30	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	15:30	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	15:30	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	15:30	LB132951
CCB06	Aluminum	100	+/-100	U	100	P	10/15/2024	16:21	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	16:21	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	16:21	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	16:21	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	16:21	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	16:21	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	16:21	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	16:21	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	16:21	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	16:21	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	16:21	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	16:21	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	16:21	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	16:21	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	16:21	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	16:21	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	16:21	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	16:21	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	16:21	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	16:21	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	16:21	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	16:21	LB132951
CCB07	Aluminum	100	+/-100	U	100	P	10/15/2024	17:18	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	17:18	LB132951
	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	17:18	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	17:18	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	17:18	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	17:18	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	17:18	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	17:18	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	17:18	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	17:18	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	17:18	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	17:18	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	17:18	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	17:18	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	17:18	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	17:18	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	17:18	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	17:18	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	17:18	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	17:18	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	17:18	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	17:18	LB132951
CCB08	Aluminum	100	+/-100	U	100	P	10/15/2024	17:53	LB132951
	Antimony	50.0	+/-50.0	U	50.0	P	10/15/2024	17:53	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	10/15/2024	17:53	LB132951
	Barium	100	+/-100	U	100	P	10/15/2024	17:53	LB132951
	Beryllium	6.00	+/-6.00	U	6.00	P	10/15/2024	17:53	LB132951
	Cadmium	6.00	+/-6.00	U	6.00	P	10/15/2024	17:53	LB132951
	Calcium	2000	+/-2000	U	2000	P	10/15/2024	17:53	LB132951
	Chromium	10.0	+/-10.0	U	10.0	P	10/15/2024	17:53	LB132951
	Cobalt	30.0	+/-30.0	U	30.0	P	10/15/2024	17:53	LB132951
	Copper	20.0	+/-20.0	U	20.0	P	10/15/2024	17:53	LB132951
	Iron	100	+/-100	U	100	P	10/15/2024	17:53	LB132951
	Lead	12.0	+/-12.0	U	12.0	P	10/15/2024	17:53	LB132951
	Magnesium	2000	+/-2000	U	2000	P	10/15/2024	17:53	LB132951
	Manganese	20.0	+/-20.0	U	20.0	P	10/15/2024	17:53	LB132951
	Nickel	40.0	+/-40.0	U	40.0	P	10/15/2024	17:53	LB132951
	Potassium	2000	+/-2000	U	2000	P	10/15/2024	17:53	LB132951
	Selenium	20.0	+/-20.0	U	20.0	P	10/15/2024	17:53	LB132951
	Silver	10.0	+/-10.0	U	10.0	P	10/15/2024	17:53	LB132951
	Sodium	2000	+/-2000	U	2000	P	10/15/2024	17:53	LB132951
	Thallium	40.0	+/-40.0	U	40.0	P	10/15/2024	17:53	LB132951
	Vanadium	40.0	+/-40.0	U	40.0	P	10/15/2024	17:53	LB132951
	Zinc	40.0	+/-40.0	U	40.0	P	10/15/2024	17:53	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	10/18/2024	13:23	LB133014
	Antimony	50.0	+/-50.0	U	50.0	P	10/18/2024	13:23	LB133014
	Arsenic	20.0	+/-20.0	U	20.0	P	10/18/2024	13:23	LB133014
	Barium	100	+/-100	U	100	P	10/18/2024	13:23	LB133014
	Beryllium	6.00	+/-6.00	U	6.00	P	10/18/2024	13:23	LB133014
	Cadmium	6.00	+/-6.00	U	6.00	P	10/18/2024	13:23	LB133014
	Calcium	2000	+/-2000	U	2000	P	10/18/2024	13:23	LB133014
	Chromium	10.0	+/-10.0	U	10.0	P	10/18/2024	13:23	LB133014
	Cobalt	30.0	+/-30.0	U	30.0	P	10/18/2024	13:23	LB133014
	Copper	20.0	+/-20.0	U	20.0	P	10/18/2024	13:23	LB133014
	Iron	100	+/-100	U	100	P	10/18/2024	13:23	LB133014
	Lead	12.0	+/-12.0	U	12.0	P	10/18/2024	13:23	LB133014
	Magnesium	2000	+/-2000	U	2000	P	10/18/2024	13:23	LB133014
	Manganese	20.0	+/-20.0	U	20.0	P	10/18/2024	13:23	LB133014
	Nickel	40.0	+/-40.0	U	40.0	P	10/18/2024	13:23	LB133014
	Potassium	2000	+/-2000	U	2000	P	10/18/2024	13:23	LB133014
	Selenium	20.0	+/-20.0	U	20.0	P	10/18/2024	13:23	LB133014
	Silver	10.0	+/-10.0	U	10.0	P	10/18/2024	13:23	LB133014
	Sodium	2000	+/-2000	U	2000	P	10/18/2024	13:23	LB133014
	Thallium	40.0	+/-40.0	U	40.0	P	10/18/2024	13:23	LB133014
	Vanadium	40.0	+/-40.0	U	40.0	P	10/18/2024	13:23	LB133014
	Zinc	40.0	+/-40.0	U	40.0	P	10/18/2024	13:23	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	10/18/2024	14:05	LB133014
	Antimony	50.0	+/-50.0	U	50.0	P	10/18/2024	14:05	LB133014
	Arsenic	20.0	+/-20.0	U	20.0	P	10/18/2024	14:05	LB133014
	Barium	100	+/-100	U	100	P	10/18/2024	14:05	LB133014
	Beryllium	6.00	+/-6.00	U	6.00	P	10/18/2024	14:05	LB133014
	Cadmium	0.48	+/-6.00	J	6.00	P	10/18/2024	14:05	LB133014
	Calcium	2000	+/-2000	U	2000	P	10/18/2024	14:05	LB133014
	Chromium	10.0	+/-10.0	U	10.0	P	10/18/2024	14:05	LB133014
	Cobalt	30.0	+/-30.0	U	30.0	P	10/18/2024	14:05	LB133014
	Copper	20.0	+/-20.0	U	20.0	P	10/18/2024	14:05	LB133014
	Iron	100	+/-100	U	100	P	10/18/2024	14:05	LB133014
	Lead	12.0	+/-12.0	U	12.0	P	10/18/2024	14:05	LB133014
	Magnesium	2000	+/-2000	U	2000	P	10/18/2024	14:05	LB133014
	Manganese	20.0	+/-20.0	U	20.0	P	10/18/2024	14:05	LB133014
	Nickel	40.0	+/-40.0	U	40.0	P	10/18/2024	14:05	LB133014
	Potassium	2000	+/-2000	U	2000	P	10/18/2024	14:05	LB133014
	Selenium	20.0	+/-20.0	U	20.0	P	10/18/2024	14:05	LB133014
	Silver	10.0	+/-10.0	U	10.0	P	10/18/2024	14:05	LB133014
	Sodium	2000	+/-2000	U	2000	P	10/18/2024	14:05	LB133014
	Thallium	40.0	+/-40.0	U	40.0	P	10/18/2024	14:05	LB133014
	Vanadium	40.0	+/-40.0	U	40.0	P	10/18/2024	14:05	LB133014
	Zinc	40.0	+/-40.0	U	40.0	P	10/18/2024	14:05	LB133014
CCB02	Aluminum	100	+/-100	U	100	P	10/18/2024	14:57	LB133014
	Antimony	50.0	+/-50.0	U	50.0	P	10/18/2024	14:57	LB133014
	Arsenic	20.0	+/-20.0	U	20.0	P	10/18/2024	14:57	LB133014
	Barium	100	+/-100	U	100	P	10/18/2024	14:57	LB133014
	Beryllium	6.00	+/-6.00	U	6.00	P	10/18/2024	14:57	LB133014
	Cadmium	6.00	+/-6.00	U	6.00	P	10/18/2024	14:57	LB133014
	Calcium	2000	+/-2000	U	2000	P	10/18/2024	14:57	LB133014
	Chromium	10.0	+/-10.0	U	10.0	P	10/18/2024	14:57	LB133014
	Cobalt	30.0	+/-30.0	U	30.0	P	10/18/2024	14:57	LB133014
	Copper	20.0	+/-20.0	U	20.0	P	10/18/2024	14:57	LB133014
	Iron	100	+/-100	U	100	P	10/18/2024	14:57	LB133014
	Lead	12.0	+/-12.0	U	12.0	P	10/18/2024	14:57	LB133014
	Magnesium	2000	+/-2000	U	2000	P	10/18/2024	14:57	LB133014
	Manganese	20.0	+/-20.0	U	20.0	P	10/18/2024	14:57	LB133014
	Nickel	40.0	+/-40.0	U	40.0	P	10/18/2024	14:57	LB133014
	Potassium	2000	+/-2000	U	2000	P	10/18/2024	14:57	LB133014
	Selenium	20.0	+/-20.0	U	20.0	P	10/18/2024	14:57	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp		SDG No.: P4258							
Contract: ROMA02	Lab Code: CHEM	Case No.: P4258	SAS No.: P4258						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	10/18/2024	14:57	LB133014
	Sodium	2000	+/-2000	U	2000	P	10/18/2024	14:57	LB133014
	Thallium	40.0	+/-40.0	U	40.0	P	10/18/2024	14:57	LB133014
	Vanadium	40.0	+/-40.0	U	40.0	P	10/18/2024	14:57	LB133014
	Zinc	40.0	+/-40.0	U	40.0	P	10/18/2024	14:57	LB133014
CCB03	Aluminum	100	+/-100	U	100	P	10/18/2024	16:39	LB133014
	Antimony	50.0	+/-50.0	U	50.0	P	10/18/2024	16:39	LB133014
	Arsenic	20.0	+/-20.0	U	20.0	P	10/18/2024	16:39	LB133014
	Barium	100	+/-100	U	100	P	10/18/2024	16:39	LB133014
	Beryllium	6.00	+/-6.00	U	6.00	P	10/18/2024	16:39	LB133014
	Cadmium	6.00	+/-6.00	U	6.00	P	10/18/2024	16:39	LB133014
	Calcium	2000	+/-2000	U	2000	P	10/18/2024	16:39	LB133014
	Chromium	10.0	+/-10.0	U	10.0	P	10/18/2024	16:39	LB133014
	Cobalt	30.0	+/-30.0	U	30.0	P	10/18/2024	16:39	LB133014
	Copper	20.0	+/-20.0	U	20.0	P	10/18/2024	16:39	LB133014
	Iron	100	+/-100	U	100	P	10/18/2024	16:39	LB133014
	Lead	12.0	+/-12.0	U	12.0	P	10/18/2024	16:39	LB133014
	Magnesium	2000	+/-2000	U	2000	P	10/18/2024	16:39	LB133014
	Manganese	20.0	+/-20.0	U	20.0	P	10/18/2024	16:39	LB133014
	Nickel	40.0	+/-40.0	U	40.0	P	10/18/2024	16:39	LB133014
	Potassium	2000	+/-2000	U	2000	P	10/18/2024	16:39	LB133014
	Selenium	20.0	+/-20.0	U	20.0	P	10/18/2024	16:39	LB133014
	Silver	10.0	+/-10.0	U	10.0	P	10/18/2024	16:39	LB133014
	Sodium	2000	+/-2000	U	2000	P	10/18/2024	16:39	LB133014
	Thallium	40.0	+/-40.0	U	40.0	P	10/18/2024	16:39	LB133014
	Vanadium	40.0	+/-40.0	U	40.0	P	10/18/2024	16:39	LB133014
	Zinc	40.0	+/-40.0	U	40.0	P	10/18/2024	16:39	LB133014
CCB04	Aluminum	100	+/-100	U	100	P	10/18/2024	17:32	LB133014
	Antimony	50.0	+/-50.0	U	50.0	P	10/18/2024	17:32	LB133014
	Arsenic	20.0	+/-20.0	U	20.0	P	10/18/2024	17:32	LB133014
	Barium	100	+/-100	U	100	P	10/18/2024	17:32	LB133014
	Beryllium	6.00	+/-6.00	U	6.00	P	10/18/2024	17:32	LB133014
	Cadmium	6.00	+/-6.00	U	6.00	P	10/18/2024	17:32	LB133014
	Calcium	2000	+/-2000	U	2000	P	10/18/2024	17:32	LB133014
	Chromium	10.0	+/-10.0	U	10.0	P	10/18/2024	17:32	LB133014
	Cobalt	30.0	+/-30.0	U	30.0	P	10/18/2024	17:32	LB133014
	Copper	20.0	+/-20.0	U	20.0	P	10/18/2024	17:32	LB133014
	Iron	100	+/-100	U	100	P	10/18/2024	17:32	LB133014
	Lead	12.0	+/-12.0	U	12.0	P	10/18/2024	17:32	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	10/18/2024	17:32	LB133014
	Manganese	20.0	+/-20.0	U	20.0	P	10/18/2024	17:32	LB133014
	Nickel	40.0	+/-40.0	U	40.0	P	10/18/2024	17:32	LB133014
	Potassium	2000	+/-2000	U	2000	P	10/18/2024	17:32	LB133014
	Selenium	20.0	+/-20.0	U	20.0	P	10/18/2024	17:32	LB133014
	Silver	10.0	+/-10.0	U	10.0	P	10/18/2024	17:32	LB133014
	Sodium	2000	+/-2000	U	2000	P	10/18/2024	17:32	LB133014
	Thallium	40.0	+/-40.0	U	40.0	P	10/18/2024	17:32	LB133014
	Vanadium	40.0	+/-40.0	U	40.0	P	10/18/2024	17:32	LB133014
	Zinc	40.0	+/-40.0	U	40.0	P	10/18/2024	17:32	LB133014

Metals
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PREPARATION BLANK SUMMARY

Client: Roman E&G Corp

SDG No.: P4258

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB164114BL		SOLID		Batch Number:	PB164114		Prep Date:	10/11/2024	
	Mercury	0.013	<0.013	U	0.013	CV	10/14/2024	11:54	LB132914

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Roman E&G Corp

SDG No.: P4258

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB164065BL	SOLID			Batch Number:	PB164065		Prep Date:	10/11/2024	
	Aluminum	4.07	<4.07	U	4.07	P	10/15/2024	14:26	LB132951
	Antimony	2.03	<2.03	U	2.03	P	10/15/2024	14:26	LB132951
	Arsenic	0.81	<0.81	U	0.81	P	10/15/2024	14:26	LB132951
	Barium	4.07	<4.07	U	4.07	P	10/15/2024	14:26	LB132951
	Beryllium	0.24	<0.24	U	0.24	P	10/15/2024	14:26	LB132951
	Cadmium	0.24	<0.24	U	0.24	P	10/15/2024	14:26	LB132951
	Calcium	81.3	<81.3	U	81.3	P	10/15/2024	14:26	LB132951
	Chromium	0.41	<0.41	U	0.41	P	10/15/2024	14:26	LB132951
	Cobalt	1.22	<1.22	U	1.22	P	10/15/2024	14:26	LB132951
	Copper	0.81	<0.81	U	0.81	P	10/15/2024	14:26	LB132951
	Iron	4.07	<4.07	U	4.07	P	10/15/2024	14:26	LB132951
	Lead	0.49	<0.49	U	0.49	P	10/15/2024	14:26	LB132951
	Magnesium	81.3	<81.3	U	81.3	P	10/15/2024	14:26	LB132951
	Manganese	0.81	<0.81	U	0.81	P	10/15/2024	14:26	LB132951
	Nickel	1.63	<1.63	U	1.63	P	10/15/2024	14:26	LB132951
	Potassium	81.3	<81.3	U	81.3	P	10/15/2024	14:26	LB132951
	Selenium	0.81	<0.81	U	0.81	P	10/15/2024	14:26	LB132951
	Silver	0.41	<0.41	U	0.41	P	10/15/2024	14:26	LB132951
	Sodium	81.3	<81.3	U	81.3	P	10/15/2024	14:26	LB132951
	Thallium	1.63	<1.63	U	1.63	P	10/15/2024	14:26	LB132951
	Vanadium	1.63	<1.63	U	1.63	P	10/15/2024	14:26	LB132951
	Zinc	1.63	<1.63	U	1.63	P	10/15/2024	14:26	LB132951



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV36	Mercury	4.25	4.0	106	90 - 110	CV	10/14/2024	11:33	LB132914

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV13	Mercury	4.95	5.0	99	90 - 110	CV	10/14/2024	11:40	LB132914
CCV14	Mercury	4.81	5.0	96	90 - 110	CV	10/14/2024	12:10	LB132914
CCV15	Mercury	4.91	5.0	98	90 - 110	CV	10/14/2024	12:39	LB132914
CCV16	Mercury	4.98	5.0	100	90 - 110	CV	10/14/2024	13:09	LB132914
CCV17	Mercury	4.88	5.0	98	90 - 110	CV	10/14/2024	13:37	LB132914
CCV18	Mercury	5.09	5.0	102	90 - 110	CV	10/14/2024	14:04	LB132914
CCV19	Mercury	4.97	5.0	100	90 - 110	CV	10/14/2024	14:31	LB132914
CCV20	Mercury	5.08	5.0	102	90 - 110	CV	10/14/2024	14:59	LB132914
CCV21	Mercury	4.79	5.0	96	90 - 110	CV	10/14/2024	15:15	LB132914

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2500	2500	100	90 - 110	P	10/14/2024	14:06	LB132927
	Antimony	1000	1000	100	90 - 110	P	10/14/2024	14:06	LB132927
	Arsenic	942	1000	94	90 - 110	P	10/14/2024	14:06	LB132927
	Barium	491	520	94	90 - 110	P	10/14/2024	14:06	LB132927
	Beryllium	504	510	99	90 - 110	P	10/14/2024	14:06	LB132927
	Cadmium	476	510	93	90 - 110	P	10/14/2024	14:06	LB132927
	Calcium	9910	10000	99	90 - 110	P	10/14/2024	14:06	LB132927
	Chromium	527	520	101	90 - 110	P	10/14/2024	14:06	LB132927
	Cobalt	507	520	98	90 - 110	P	10/14/2024	14:06	LB132927
	Copper	523	510	103	90 - 110	P	10/14/2024	14:06	LB132927
	Iron	9670	10000	97	90 - 110	P	10/14/2024	14:06	LB132927
	Lead	955	1000	96	90 - 110	P	10/14/2024	14:06	LB132927
	Magnesium	5900	6000	98	90 - 110	P	10/14/2024	14:06	LB132927
	Manganese	503	520	97	90 - 110	P	10/14/2024	14:06	LB132927
	Nickel	510	530	96	90 - 110	P	10/14/2024	14:06	LB132927
	Potassium	9500	9900	96	90 - 110	P	10/14/2024	14:06	LB132927
	Selenium	980	1000	98	90 - 110	P	10/14/2024	14:06	LB132927
	Silver	252	250	101	90 - 110	P	10/14/2024	14:06	LB132927
	Sodium	9030	10000	90	90 - 110	P	10/14/2024	14:06	LB132927
	Thallium	1020	1000	102	90 - 110	P	10/14/2024	14:06	LB132927
	Vanadium	504	500	101	90 - 110	P	10/14/2024	14:06	LB132927
	Zinc	1020	1000	102	90 - 110	P	10/14/2024	14:06	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	111	100	111	80 - 120	P	10/14/2024	14:18	LB132927
	Antimony	51.8	50.0	104	80 - 120	P	10/14/2024	14:18	LB132927
	Arsenic	18.9	20.0	95	80 - 120	P	10/14/2024	14:18	LB132927
	Barium	94.5	100	94	80 - 120	P	10/14/2024	14:18	LB132927
	Beryllium	6.30	6.0	105	80 - 120	P	10/14/2024	14:18	LB132927
	Cadmium	6.12	6.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Calcium	2040	2000	102	80 - 120	P	10/14/2024	14:18	LB132927
	Chromium	9.77	10.0	98	80 - 120	P	10/14/2024	14:18	LB132927
	Cobalt	30.6	30.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Copper	22.5	20.0	113	80 - 120	P	10/14/2024	14:18	LB132927
	Iron	95.8	100	96	80 - 120	P	10/14/2024	14:18	LB132927
	Lead	10.2	12.0	85	80 - 120	P	10/14/2024	14:18	LB132927
	Magnesium	2180	2000	109	80 - 120	P	10/14/2024	14:18	LB132927
	Manganese	20.0	20.0	100	80 - 120	P	10/14/2024	14:18	LB132927
	Nickel	40.8	40.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Potassium	1900	2000	95	80 - 120	P	10/14/2024	14:18	LB132927
	Selenium	19.4	20.0	97	80 - 120	P	10/14/2024	14:18	LB132927
	Silver	10.8	10.0	108	80 - 120	P	10/14/2024	14:18	LB132927
	Sodium	1620	2000	81	80 - 120	P	10/14/2024	14:18	LB132927
	Thallium	40.6	40.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Vanadium	40.3	40.0	101	80 - 120	P	10/14/2024	14:18	LB132927
	Zinc	41.3	40.0	103	80 - 120	P	10/14/2024	14:18	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
 Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10400	10000	104	90 - 110	P	10/14/2024	14:43	LB132927
	Antimony	5230	5000	104	90 - 110	P	10/14/2024	14:43	LB132927
	Arsenic	5140	5000	103	90 - 110	P	10/14/2024	14:43	LB132927
	Barium	9520	10000	95	90 - 110	P	10/14/2024	14:43	LB132927
	Beryllium	250	250	100	90 - 110	P	10/14/2024	14:43	LB132927
	Cadmium	2510	2500	100	90 - 110	P	10/14/2024	14:43	LB132927
	Calcium	25300	25000	101	90 - 110	P	10/14/2024	14:43	LB132927
	Chromium	1020	1000	102	90 - 110	P	10/14/2024	14:43	LB132927
	Cobalt	2530	2500	101	90 - 110	P	10/14/2024	14:43	LB132927
	Copper	1300	1250	104	90 - 110	P	10/14/2024	14:43	LB132927
	Iron	4800	5000	96	90 - 110	P	10/14/2024	14:43	LB132927
	Lead	5090	5000	102	90 - 110	P	10/14/2024	14:43	LB132927
	Magnesium	25600	25000	102	90 - 110	P	10/14/2024	14:43	LB132927
	Manganese	2400	2500	96	90 - 110	P	10/14/2024	14:43	LB132927
	Nickel	2540	2500	102	90 - 110	P	10/14/2024	14:43	LB132927
	Potassium	24600	25000	99	90 - 110	P	10/14/2024	14:43	LB132927
	Selenium	5320	5000	106	90 - 110	P	10/14/2024	14:43	LB132927
	Silver	1250	1250	100	90 - 110	P	10/14/2024	14:43	LB132927
	Sodium	23000	25000	92	90 - 110	P	10/14/2024	14:43	LB132927
	Thallium	4530	5000	90	90 - 110	P	10/14/2024	14:43	LB132927
CCV02	Vanadium	2570	2500	103	90 - 110	P	10/14/2024	14:43	LB132927
	Zinc	2580	2500	103	90 - 110	P	10/14/2024	14:43	LB132927
	Aluminum	10100	10000	101	90 - 110	P	10/14/2024	15:09	LB132927
	Antimony	5000	5000	100	90 - 110	P	10/14/2024	15:09	LB132927
	Arsenic	4850	5000	97	90 - 110	P	10/14/2024	15:09	LB132927
	Barium	9110	10000	91	90 - 110	P	10/14/2024	15:09	LB132927
	Beryllium	246	250	98	90 - 110	P	10/14/2024	15:09	LB132927
	Cadmium	2390	2500	96	90 - 110	P	10/14/2024	15:09	LB132927
	Calcium	24300	25000	97	90 - 110	P	10/14/2024	15:09	LB132927
	Chromium	990	1000	99	90 - 110	P	10/14/2024	15:09	LB132927
	Cobalt	2410	2500	96	90 - 110	P	10/14/2024	15:09	LB132927
	Copper	1240	1250	100	90 - 110	P	10/14/2024	15:09	LB132927
	Iron	4550	5000	91	90 - 110	P	10/14/2024	15:09	LB132927
	Lead	4830	5000	96	90 - 110	P	10/14/2024	15:09	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258

Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24700	25000	99	90 - 110	P	10/14/2024	15:09	LB132927
	Manganese	2300	2500	92	90 - 110	P	10/14/2024	15:09	LB132927
	Nickel	2410	2500	96	90 - 110	P	10/14/2024	15:09	LB132927
	Potassium	23200	25000	93	90 - 110	P	10/14/2024	15:09	LB132927
	Selenium	5060	5000	101	90 - 110	P	10/14/2024	15:09	LB132927
	Silver	1200	1250	96	90 - 110	P	10/14/2024	15:09	LB132927
	Sodium	25500	25000	102	90 - 110	P	10/14/2024	15:09	LB132927
	Thallium	5390	5000	108	90 - 110	P	10/14/2024	15:09	LB132927
	Vanadium	2480	2500	99	90 - 110	P	10/14/2024	15:09	LB132927
	Zinc	2440	2500	98	90 - 110	P	10/14/2024	15:09	LB132927
CCV03	Aluminum	9640	10000	96	90 - 110	P	10/14/2024	16:03	LB132927
	Antimony	4920	5000	98	90 - 110	P	10/14/2024	16:03	LB132927
	Arsenic	4690	5000	94	90 - 110	P	10/14/2024	16:03	LB132927
	Barium	10600	10000	106	90 - 110	P	10/14/2024	16:03	LB132927
	Beryllium	227	250	91	90 - 110	P	10/14/2024	16:03	LB132927
	Cadmium	2250	2500	90	90 - 110	P	10/14/2024	16:03	LB132927
	Calcium	23000	25000	92	90 - 110	P	10/14/2024	16:03	LB132927
	Chromium	945	1000	94	90 - 110	P	10/14/2024	16:03	LB132927
	Cobalt	2300	2500	92	90 - 110	P	10/14/2024	16:03	LB132927
	Copper	1200	1250	96	90 - 110	P	10/14/2024	16:03	LB132927
	Iron	4510	5000	90	90 - 110	P	10/14/2024	16:03	LB132927
	Lead	4610	5000	92	90 - 110	P	10/14/2024	16:03	LB132927
	Magnesium	23300	25000	93	90 - 110	P	10/14/2024	16:03	LB132927
	Manganese	2710	2500	108	90 - 110	P	10/14/2024	16:03	LB132927
	Nickel	2300	2500	92	90 - 110	P	10/14/2024	16:03	LB132927
	Potassium	23600	25000	94	90 - 110	P	10/14/2024	16:03	LB132927
	Selenium	4920	5000	98	90 - 110	P	10/14/2024	16:03	LB132927
	Silver	1170	1250	93	90 - 110	P	10/14/2024	16:03	LB132927
	Sodium	25600	25000	102	90 - 110	P	10/14/2024	16:03	LB132927
	Thallium	5200	5000	104	90 - 110	P	10/14/2024	16:03	LB132927
CCV04	Vanadium	2370	2500	95	90 - 110	P	10/14/2024	16:03	LB132927
	Zinc	2390	2500	96	90 - 110	P	10/14/2024	16:03	LB132927
	Aluminum	9730	10000	97	90 - 110	P	10/14/2024	17:06	LB132927
	Antimony	4940	5000	99	90 - 110	P	10/14/2024	17:06	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4710	5000	94	90 - 110	P	10/14/2024	17:06	LB132927
	Barium	10500	10000	105	90 - 110	P	10/14/2024	17:06	LB132927
	Beryllium	231	250	92	90 - 110	P	10/14/2024	17:06	LB132927
	Cadmium	2260	2500	90	90 - 110	P	10/14/2024	17:06	LB132927
	Calcium	23100	25000	92	90 - 110	P	10/14/2024	17:06	LB132927
	Chromium	953	1000	95	90 - 110	P	10/14/2024	17:06	LB132927
	Cobalt	2310	2500	93	90 - 110	P	10/14/2024	17:06	LB132927
	Copper	1210	1250	96	90 - 110	P	10/14/2024	17:06	LB132927
	Iron	4530	5000	90	90 - 110	P	10/14/2024	17:06	LB132927
	Lead	4630	5000	92	90 - 110	P	10/14/2024	17:06	LB132927
	Magnesium	23400	25000	94	90 - 110	P	10/14/2024	17:06	LB132927
	Manganese	2700	2500	108	90 - 110	P	10/14/2024	17:06	LB132927
	Nickel	2310	2500	92	90 - 110	P	10/14/2024	17:06	LB132927
	Potassium	23500	25000	94	90 - 110	P	10/14/2024	17:06	LB132927
	Selenium	4960	5000	99	90 - 110	P	10/14/2024	17:06	LB132927
	Silver	1180	1250	94	90 - 110	P	10/14/2024	17:06	LB132927
	Sodium	25300	25000	101	90 - 110	P	10/14/2024	17:06	LB132927
	Thallium	5240	5000	105	90 - 110	P	10/14/2024	17:06	LB132927
	Vanadium	2380	2500	95	90 - 110	P	10/14/2024	17:06	LB132927
	Zinc	2370	2500	95	90 - 110	P	10/14/2024	17:06	LB132927
CCV05	Aluminum	9870	10000	99	90 - 110	P	10/14/2024	18:00	LB132927
	Antimony	5040	5000	101	90 - 110	P	10/14/2024	18:00	LB132927
	Arsenic	4810	5000	96	90 - 110	P	10/14/2024	18:00	LB132927
	Barium	10500	10000	105	90 - 110	P	10/14/2024	18:00	LB132927
	Beryllium	233	250	93	90 - 110	P	10/14/2024	18:00	LB132927
	Cadmium	2310	2500	92	90 - 110	P	10/14/2024	18:00	LB132927
	Calcium	23500	25000	94	90 - 110	P	10/14/2024	18:00	LB132927
	Chromium	977	1000	98	90 - 110	P	10/14/2024	18:00	LB132927
	Cobalt	2360	2500	94	90 - 110	P	10/14/2024	18:00	LB132927
	Copper	1230	1250	98	90 - 110	P	10/14/2024	18:00	LB132927
	Iron	4500	5000	90	90 - 110	P	10/14/2024	18:00	LB132927
	Lead	4720	5000	94	90 - 110	P	10/14/2024	18:00	LB132927
	Magnesium	23900	25000	96	90 - 110	P	10/14/2024	18:00	LB132927
	Manganese	2720	2500	109	90 - 110	P	10/14/2024	18:00	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2360	2500	94	90 - 110	P	10/14/2024	18:00	LB132927
	Potassium	23400	25000	94	90 - 110	P	10/14/2024	18:00	LB132927
	Selenium	5080	5000	102	90 - 110	P	10/14/2024	18:00	LB132927
	Silver	1190	1250	95	90 - 110	P	10/14/2024	18:00	LB132927
	Sodium	24900	25000	100	90 - 110	P	10/14/2024	18:00	LB132927
	Thallium	5080	5000	102	90 - 110	P	10/14/2024	18:00	LB132927
	Vanadium	2420	2500	97	90 - 110	P	10/14/2024	18:00	LB132927
	Zinc	2280	2500	91	90 - 110	P	10/14/2024	18:00	LB132927
CCV06	Aluminum	10000	10000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Antimony	4960	5000	99	90 - 110	P	10/14/2024	18:51	LB132927
	Arsenic	4770	5000	95	90 - 110	P	10/14/2024	18:51	LB132927
	Barium	9960	10000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Beryllium	248	250	99	90 - 110	P	10/14/2024	18:51	LB132927
	Cadmium	2350	2500	94	90 - 110	P	10/14/2024	18:51	LB132927
	Calcium	24000	25000	96	90 - 110	P	10/14/2024	18:51	LB132927
	Chromium	1000	1000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Cobalt	2400	2500	96	90 - 110	P	10/14/2024	18:51	LB132927
	Copper	1220	1250	97	90 - 110	P	10/14/2024	18:51	LB132927
	Iron	4510	5000	90	90 - 110	P	10/14/2024	18:51	LB132927
	Lead	4800	5000	96	90 - 110	P	10/14/2024	18:51	LB132927
	Magnesium	24800	25000	99	90 - 110	P	10/14/2024	18:51	LB132927
	Manganese	2750	2500	110	90 - 110	P	10/14/2024	18:51	LB132927
	Nickel	2390	2500	96	90 - 110	P	10/14/2024	18:51	LB132927
	Potassium	22800	25000	91	90 - 110	P	10/14/2024	18:51	LB132927
	Selenium	4980	5000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Silver	1210	1250	97	90 - 110	P	10/14/2024	18:51	LB132927
	Sodium	24300	25000	97	90 - 110	P	10/14/2024	18:51	LB132927
	Thallium	5220	5000	104	90 - 110	P	10/14/2024	18:51	LB132927
	Vanadium	2450	2500	98	90 - 110	P	10/14/2024	18:51	LB132927
	Zinc	2430	2500	97	90 - 110	P	10/14/2024	18:51	LB132927
CCV07	Aluminum	9940	10000	99	90 - 110	P	10/14/2024	19:11	LB132927
	Antimony	5030	5000	100	90 - 110	P	10/14/2024	19:11	LB132927
	Arsenic	4870	5000	97	90 - 110	P	10/14/2024	19:11	LB132927
	Barium	10200	10000	102	90 - 110	P	10/14/2024	19:11	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	237	250	95	90 - 110	P	10/14/2024	19:11	LB132927
	Cadmium	2380	2500	95	90 - 110	P	10/14/2024	19:11	LB132927
	Calcium	24000	25000	96	90 - 110	P	10/14/2024	19:11	LB132927
	Chromium	997	1000	100	90 - 110	P	10/14/2024	19:11	LB132927
	Cobalt	2420	2500	97	90 - 110	P	10/14/2024	19:11	LB132927
	Copper	1240	1250	99	90 - 110	P	10/14/2024	19:11	LB132927
	Iron	4570	5000	91	90 - 110	P	10/14/2024	19:11	LB132927
	Lead	4860	5000	97	90 - 110	P	10/14/2024	19:11	LB132927
	Magnesium	24500	25000	98	90 - 110	P	10/14/2024	19:11	LB132927
	Manganese	2730	2500	109	90 - 110	P	10/14/2024	19:11	LB132927
	Nickel	2420	2500	97	90 - 110	P	10/14/2024	19:11	LB132927
	Potassium	23400	25000	94	90 - 110	P	10/14/2024	19:11	LB132927
	Selenium	5100	5000	102	90 - 110	P	10/14/2024	19:11	LB132927
	Silver	1200	1250	96	90 - 110	P	10/14/2024	19:11	LB132927
	Sodium	24900	25000	99	90 - 110	P	10/14/2024	19:11	LB132927
	Thallium	5320	5000	106	90 - 110	P	10/14/2024	19:11	LB132927
	Vanadium	2460	2500	98	90 - 110	P	10/14/2024	19:11	LB132927
	Zinc	2430	2500	97	90 - 110	P	10/14/2024	19:11	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2580	2500	103	90 - 110	P	10/15/2024	11:24	LB132951
	Antimony	996	1000	100	90 - 110	P	10/15/2024	11:24	LB132951
	Arsenic	959	1000	96	90 - 110	P	10/15/2024	11:24	LB132951
	Barium	517	520	99	90 - 110	P	10/15/2024	11:24	LB132951
	Beryllium	510	510	100	90 - 110	P	10/15/2024	11:24	LB132951
	Cadmium	485	510	95	90 - 110	P	10/15/2024	11:24	LB132951
	Calcium	10300	10000	102	90 - 110	P	10/15/2024	11:24	LB132951
	Chromium	534	520	103	90 - 110	P	10/15/2024	11:24	LB132951
	Cobalt	518	520	100	90 - 110	P	10/15/2024	11:24	LB132951
	Copper	530	510	104	90 - 110	P	10/15/2024	11:24	LB132951
	Iron	10100	10000	101	90 - 110	P	10/15/2024	11:24	LB132951
	Lead	967	1000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Magnesium	5970	6000	100	90 - 110	P	10/15/2024	11:24	LB132951
	Manganese	524	520	101	90 - 110	P	10/15/2024	11:24	LB132951
	Nickel	520	530	98	90 - 110	P	10/15/2024	11:24	LB132951
	Potassium	9920	9900	100	90 - 110	P	10/15/2024	11:24	LB132951
	Selenium	969	1000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Silver	259	250	104	90 - 110	P	10/15/2024	11:24	LB132951
	Sodium	9660	10000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Thallium	972	1000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Vanadium	502	500	100	90 - 110	P	10/15/2024	11:24	LB132951
	Zinc	1050	1000	105	90 - 110	P	10/15/2024	11:24	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	10/15/2024	11:37	LB132951
	Antimony	49.6	50.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Arsenic	20.5	20.0	102	80 - 120	P	10/15/2024	11:37	LB132951
	Barium	98.7	100	99	80 - 120	P	10/15/2024	11:37	LB132951
	Beryllium	6.08	6.0	101	80 - 120	P	10/15/2024	11:37	LB132951
	Cadmium	5.92	6.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Calcium	2040	2000	102	80 - 120	P	10/15/2024	11:37	LB132951
	Chromium	9.81	10.0	98	80 - 120	P	10/15/2024	11:37	LB132951
	Cobalt	29.8	30.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Copper	22.5	20.0	112	80 - 120	P	10/15/2024	11:37	LB132951
	Iron	101	100	101	80 - 120	P	10/15/2024	11:37	LB132951
	Lead	12.0	12.0	100	80 - 120	P	10/15/2024	11:37	LB132951
	Magnesium	2170	2000	108	80 - 120	P	10/15/2024	11:37	LB132951
	Manganese	21.0	20.0	105	80 - 120	P	10/15/2024	11:37	LB132951
	Nickel	39.6	40.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Potassium	1900	2000	95	80 - 120	P	10/15/2024	11:37	LB132951
	Selenium	18.3	20.0	92	80 - 120	P	10/15/2024	11:37	LB132951
	Silver	11.6	10.0	116	80 - 120	P	10/15/2024	11:37	LB132951
	Sodium	1890	2000	95	80 - 120	P	10/15/2024	11:37	LB132951
	Thallium	37.6	40.0	94	80 - 120	P	10/15/2024	11:37	LB132951
	Vanadium	40.1	40.0	100	80 - 120	P	10/15/2024	11:37	LB132951
	Zinc	43.6	40.0	109	80 - 120	P	10/15/2024	11:37	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
 Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10300	10000	103	90 - 110	P	10/15/2024	12:26	LB132951
	Antimony	5080	5000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Arsenic	5030	5000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Barium	10300	10000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Beryllium	254	250	102	90 - 110	P	10/15/2024	12:26	LB132951
	Cadmium	2470	2500	99	90 - 110	P	10/15/2024	12:26	LB132951
	Calcium	25500	25000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Chromium	1010	1000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Cobalt	2470	2500	99	90 - 110	P	10/15/2024	12:26	LB132951
	Copper	1270	1250	101	90 - 110	P	10/15/2024	12:26	LB132951
	Iron	5020	5000	100	90 - 110	P	10/15/2024	12:26	LB132951
	Lead	4930	5000	99	90 - 110	P	10/15/2024	12:26	LB132951
	Magnesium	25400	25000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Manganese	2540	2500	101	90 - 110	P	10/15/2024	12:26	LB132951
	Nickel	2470	2500	99	90 - 110	P	10/15/2024	12:26	LB132951
	Potassium	25400	25000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Selenium	5080	5000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Silver	1270	1250	102	90 - 110	P	10/15/2024	12:26	LB132951
	Sodium	25000	25000	100	90 - 110	P	10/15/2024	12:26	LB132951
	Thallium	5060	5000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Vanadium	2580	2500	103	90 - 110	P	10/15/2024	12:26	LB132951
	Zinc	2590	2500	104	90 - 110	P	10/15/2024	12:26	LB132951
CCV02	Aluminum	10000	10000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Antimony	4990	5000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Arsenic	4920	5000	98	90 - 110	P	10/15/2024	13:23	LB132951
	Barium	9960	10000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Beryllium	236	250	94	90 - 110	P	10/15/2024	13:23	LB132951
	Cadmium	2380	2500	95	90 - 110	P	10/15/2024	13:23	LB132951
	Calcium	24600	25000	98	90 - 110	P	10/15/2024	13:23	LB132951
	Chromium	962	1000	96	90 - 110	P	10/15/2024	13:23	LB132951
	Cobalt	2390	2500	96	90 - 110	P	10/15/2024	13:23	LB132951
	Copper	1240	1250	99	90 - 110	P	10/15/2024	13:23	LB132951
	Iron	4850	5000	97	90 - 110	P	10/15/2024	13:23	LB132951
	Lead	4760	5000	95	90 - 110	P	10/15/2024	13:23	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24200	25000	97	90 - 110	P	10/15/2024	13:23	LB132951
	Manganese	2430	2500	97	90 - 110	P	10/15/2024	13:23	LB132951
	Nickel	2390	2500	96	90 - 110	P	10/15/2024	13:23	LB132951
	Potassium	24600	25000	99	90 - 110	P	10/15/2024	13:23	LB132951
	Selenium	5000	5000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Silver	1210	1250	97	90 - 110	P	10/15/2024	13:23	LB132951
	Sodium	24000	25000	96	90 - 110	P	10/15/2024	13:23	LB132951
	Thallium	4870	5000	97	90 - 110	P	10/15/2024	13:23	LB132951
	Vanadium	2510	2500	100	90 - 110	P	10/15/2024	13:23	LB132951
	Zinc	2460	2500	98	90 - 110	P	10/15/2024	13:23	LB132951
CCV03	Aluminum	9810	10000	98	90 - 110	P	10/15/2024	14:07	LB132951
	Antimony	4830	5000	97	90 - 110	P	10/15/2024	14:07	LB132951
	Arsenic	4770	5000	96	90 - 110	P	10/15/2024	14:07	LB132951
	Barium	9670	10000	97	90 - 110	P	10/15/2024	14:07	LB132951
	Beryllium	237	250	95	90 - 110	P	10/15/2024	14:07	LB132951
	Cadmium	2320	2500	93	90 - 110	P	10/15/2024	14:07	LB132951
	Calcium	23800	25000	95	90 - 110	P	10/15/2024	14:07	LB132951
	Chromium	929	1000	93	90 - 110	P	10/15/2024	14:07	LB132951
	Cobalt	2320	2500	93	90 - 110	P	10/15/2024	14:07	LB132951
	Copper	1200	1250	96	90 - 110	P	10/15/2024	14:07	LB132951
	Iron	4530	5000	91	90 - 110	P	10/15/2024	14:07	LB132951
	Lead	4630	5000	93	90 - 110	P	10/15/2024	14:07	LB132951
	Magnesium	23700	25000	95	90 - 110	P	10/15/2024	14:07	LB132951
	Manganese	2380	2500	95	90 - 110	P	10/15/2024	14:07	LB132951
	Nickel	2320	2500	93	90 - 110	P	10/15/2024	14:07	LB132951
	Potassium	23300	25000	93	90 - 110	P	10/15/2024	14:07	LB132951
	Selenium	4840	5000	97	90 - 110	P	10/15/2024	14:07	LB132951
	Silver	1170	1250	94	90 - 110	P	10/15/2024	14:07	LB132951
	Sodium	22800	25000	91	90 - 110	P	10/15/2024	14:07	LB132951
	Thallium	4780	5000	96	90 - 110	P	10/15/2024	14:07	LB132951
CCV04	Vanadium	2430	2500	97	90 - 110	P	10/15/2024	14:07	LB132951
	Zinc	2400	2500	96	90 - 110	P	10/15/2024	14:07	LB132951
	Aluminum	10300	10000	103	90 - 110	P	10/15/2024	14:35	LB132951
	Antimony	4810	5000	96	90 - 110	P	10/15/2024	14:35	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4720	5000	94	90 - 110	P	10/15/2024	14:35	LB132951
	Barium	10200	10000	102	90 - 110	P	10/15/2024	14:35	LB132951
	Beryllium	255	250	102	90 - 110	P	10/15/2024	14:35	LB132951
	Cadmium	2320	2500	93	90 - 110	P	10/15/2024	14:35	LB132951
	Calcium	25100	25000	100	90 - 110	P	10/15/2024	14:35	LB132951
	Chromium	961	1000	96	90 - 110	P	10/15/2024	14:35	LB132951
	Cobalt	2330	2500	93	90 - 110	P	10/15/2024	14:35	LB132951
	Copper	1200	1250	96	90 - 110	P	10/15/2024	14:35	LB132951
	Iron	4690	5000	94	90 - 110	P	10/15/2024	14:35	LB132951
	Lead	4650	5000	93	90 - 110	P	10/15/2024	14:35	LB132951
	Magnesium	25000	25000	100	90 - 110	P	10/15/2024	14:35	LB132951
	Manganese	2520	2500	101	90 - 110	P	10/15/2024	14:35	LB132951
	Nickel	2330	2500	93	90 - 110	P	10/15/2024	14:35	LB132951
	Potassium	24000	25000	96	90 - 110	P	10/15/2024	14:35	LB132951
	Selenium	4740	5000	95	90 - 110	P	10/15/2024	14:35	LB132951
	Silver	1220	1250	97	90 - 110	P	10/15/2024	14:35	LB132951
	Sodium	23500	25000	94	90 - 110	P	10/15/2024	14:35	LB132951
	Thallium	4740	5000	95	90 - 110	P	10/15/2024	14:35	LB132951
	Vanadium	2550	2500	102	90 - 110	P	10/15/2024	14:35	LB132951
	Zinc	2470	2500	99	90 - 110	P	10/15/2024	14:35	LB132951
CCV05	Aluminum	9830	10000	98	90 - 110	P	10/15/2024	15:26	LB132951
	Antimony	4880	5000	98	90 - 110	P	10/15/2024	15:26	LB132951
	Arsenic	4810	5000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Barium	9850	10000	98	90 - 110	P	10/15/2024	15:26	LB132951
	Beryllium	236	250	95	90 - 110	P	10/15/2024	15:26	LB132951
	Cadmium	2370	2500	95	90 - 110	P	10/15/2024	15:26	LB132951
	Calcium	24300	25000	97	90 - 110	P	10/15/2024	15:26	LB132951
	Chromium	949	1000	95	90 - 110	P	10/15/2024	15:26	LB132951
	Cobalt	2370	2500	95	90 - 110	P	10/15/2024	15:26	LB132951
	Copper	1220	1250	97	90 - 110	P	10/15/2024	15:26	LB132951
	Iron	4740	5000	95	90 - 110	P	10/15/2024	15:26	LB132951
	Lead	4740	5000	95	90 - 110	P	10/15/2024	15:26	LB132951
	Magnesium	24000	25000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Manganese	2410	2500	96	90 - 110	P	10/15/2024	15:26	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2370	2500	95	90 - 110	P	10/15/2024	15:26	LB132951
	Potassium	24000	25000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Selenium	4850	5000	97	90 - 110	P	10/15/2024	15:26	LB132951
	Silver	1200	1250	96	90 - 110	P	10/15/2024	15:26	LB132951
	Sodium	23200	25000	93	90 - 110	P	10/15/2024	15:26	LB132951
	Thallium	4790	5000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Vanadium	2460	2500	98	90 - 110	P	10/15/2024	15:26	LB132951
	Zinc	2440	2500	98	90 - 110	P	10/15/2024	15:26	LB132951
CCV06	Aluminum	9870	10000	99	90 - 110	P	10/15/2024	16:17	LB132951
	Antimony	4840	5000	97	90 - 110	P	10/15/2024	16:17	LB132951
	Arsenic	4780	5000	96	90 - 110	P	10/15/2024	16:17	LB132951
	Barium	9880	10000	99	90 - 110	P	10/15/2024	16:17	LB132951
	Beryllium	250	250	100	90 - 110	P	10/15/2024	16:17	LB132951
	Cadmium	2350	2500	94	90 - 110	P	10/15/2024	16:17	LB132951
	Calcium	24300	25000	97	90 - 110	P	10/15/2024	16:17	LB132951
	Chromium	951	1000	95	90 - 110	P	10/15/2024	16:17	LB132951
	Cobalt	2360	2500	94	90 - 110	P	10/15/2024	16:17	LB132951
	Copper	1210	1250	97	90 - 110	P	10/15/2024	16:17	LB132951
	Iron	4620	5000	92	90 - 110	P	10/15/2024	16:17	LB132951
	Lead	4710	5000	94	90 - 110	P	10/15/2024	16:17	LB132951
	Magnesium	24300	25000	97	90 - 110	P	10/15/2024	16:17	LB132951
	Manganese	2440	2500	97	90 - 110	P	10/15/2024	16:17	LB132951
	Nickel	2360	2500	94	90 - 110	P	10/15/2024	16:17	LB132951
	Potassium	23100	25000	92	90 - 110	P	10/15/2024	16:17	LB132951
	Selenium	4820	5000	96	90 - 110	P	10/15/2024	16:17	LB132951
	Silver	1200	1250	96	90 - 110	P	10/15/2024	16:17	LB132951
	Sodium	22600	25000	90	90 - 110	P	10/15/2024	16:17	LB132951
	Thallium	4940	5000	99	90 - 110	P	10/15/2024	16:17	LB132951
	Vanadium	2460	2500	98	90 - 110	P	10/15/2024	16:17	LB132951
	Zinc	2290	2500	92	90 - 110	P	10/15/2024	16:17	LB132951
CCV07	Aluminum	9910	10000	99	90 - 110	P	10/15/2024	17:14	LB132951
	Antimony	5000	5000	100	90 - 110	P	10/15/2024	17:14	LB132951
	Arsenic	4940	5000	99	90 - 110	P	10/15/2024	17:14	LB132951
	Barium	9740	10000	97	90 - 110	P	10/15/2024	17:14	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	248	250	99	90 - 110	P	10/15/2024	17:14	LB132951
	Cadmium	2400	2500	96	90 - 110	P	10/15/2024	17:14	LB132951
	Calcium	24200	25000	97	90 - 110	P	10/15/2024	17:14	LB132951
	Chromium	948	1000	95	90 - 110	P	10/15/2024	17:14	LB132951
	Cobalt	2400	2500	96	90 - 110	P	10/15/2024	17:14	LB132951
	Copper	1240	1250	99	90 - 110	P	10/15/2024	17:14	LB132951
	Iron	4590	5000	92	90 - 110	P	10/15/2024	17:14	LB132951
	Lead	4800	5000	96	90 - 110	P	10/15/2024	17:14	LB132951
	Magnesium	24100	25000	97	90 - 110	P	10/15/2024	17:14	LB132951
	Manganese	2420	2500	97	90 - 110	P	10/15/2024	17:14	LB132951
	Nickel	2410	2500	96	90 - 110	P	10/15/2024	17:14	LB132951
	Potassium	22900	25000	92	90 - 110	P	10/15/2024	17:14	LB132951
	Selenium	5020	5000	100	90 - 110	P	10/15/2024	17:14	LB132951
	Silver	1200	1250	96	90 - 110	P	10/15/2024	17:14	LB132951
	Sodium	26100	25000	104	90 - 110	P	10/15/2024	17:14	LB132951
	Thallium	4970	5000	99	90 - 110	P	10/15/2024	17:14	LB132951
	Vanadium	2470	2500	99	90 - 110	P	10/15/2024	17:14	LB132951
	Zinc	2590	2500	104	90 - 110	P	10/15/2024	17:14	LB132951
CCV08	Aluminum	10000	10000	100	90 - 110	P	10/15/2024	17:49	LB132951
	Antimony	4980	5000	100	90 - 110	P	10/15/2024	17:49	LB132951
	Arsenic	4880	5000	98	90 - 110	P	10/15/2024	17:49	LB132951
	Barium	9900	10000	99	90 - 110	P	10/15/2024	17:49	LB132951
	Beryllium	242	250	97	90 - 110	P	10/15/2024	17:49	LB132951
	Cadmium	2370	2500	95	90 - 110	P	10/15/2024	17:49	LB132951
	Calcium	24400	25000	98	90 - 110	P	10/15/2024	17:49	LB132951
	Chromium	968	1000	97	90 - 110	P	10/15/2024	17:49	LB132951
	Cobalt	2380	2500	95	90 - 110	P	10/15/2024	17:49	LB132951
	Copper	1230	1250	99	90 - 110	P	10/15/2024	17:49	LB132951
	Iron	4820	5000	96	90 - 110	P	10/15/2024	17:49	LB132951
	Lead	4750	5000	95	90 - 110	P	10/15/2024	17:49	LB132951
	Magnesium	24300	25000	97	90 - 110	P	10/15/2024	17:49	LB132951
	Manganese	2430	2500	97	90 - 110	P	10/15/2024	17:49	LB132951
	Nickel	2380	2500	95	90 - 110	P	10/15/2024	17:49	LB132951
	Potassium	23900	25000	96	90 - 110	P	10/15/2024	17:49	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4960	5000	99	90 - 110	P	10/15/2024	17:49	LB132951
	Silver	1220	1250	98	90 - 110	P	10/15/2024	17:49	LB132951
	Sodium	23200	25000	93	90 - 110	P	10/15/2024	17:49	LB132951
	Thallium	4810	5000	96	90 - 110	P	10/15/2024	17:49	LB132951
	Vanadium	2510	2500	100	90 - 110	P	10/15/2024	17:49	LB132951
	Zinc	2700	2500	108	90 - 110	P	10/15/2024	17:49	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2330	2500	93	90 - 110	P	10/18/2024	13:08	LB133014
	Antimony	1020	1000	102	90 - 110	P	10/18/2024	13:08	LB133014
	Arsenic	1030	1000	103	90 - 110	P	10/18/2024	13:08	LB133014
	Barium	498	520	96	90 - 110	P	10/18/2024	13:08	LB133014
	Beryllium	504	510	99	90 - 110	P	10/18/2024	13:08	LB133014
	Cadmium	517	510	101	90 - 110	P	10/18/2024	13:08	LB133014
	Calcium	9990	10000	100	90 - 110	P	10/18/2024	13:08	LB133014
	Chromium	551	520	106	90 - 110	P	10/18/2024	13:08	LB133014
	Cobalt	533	520	103	90 - 110	P	10/18/2024	13:08	LB133014
	Copper	544	510	107	90 - 110	P	10/18/2024	13:08	LB133014
	Iron	10500	10000	104	90 - 110	P	10/18/2024	13:08	LB133014
	Lead	1030	1000	103	90 - 110	P	10/18/2024	13:08	LB133014
	Magnesium	5790	6000	96	90 - 110	P	10/18/2024	13:08	LB133014
	Manganese	512	520	98	90 - 110	P	10/18/2024	13:08	LB133014
	Nickel	536	530	101	90 - 110	P	10/18/2024	13:08	LB133014
	Potassium	10300	9900	104	90 - 110	P	10/18/2024	13:08	LB133014
	Selenium	1030	1000	103	90 - 110	P	10/18/2024	13:08	LB133014
	Silver	269	250	108	90 - 110	P	10/18/2024	13:08	LB133014
	Sodium	10100	10000	101	90 - 110	P	10/18/2024	13:08	LB133014
	Thallium	1080	1000	108	90 - 110	P	10/18/2024	13:08	LB133014
	Vanadium	486	500	97	90 - 110	P	10/18/2024	13:08	LB133014
	Zinc	1070	1000	107	90 - 110	P	10/18/2024	13:08	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	95.8	100	96	80 - 120	P	10/18/2024	13:13	LB133014
	Antimony	47.7	50.0	95	80 - 120	P	10/18/2024	13:13	LB133014
	Arsenic	19.3	20.0	97	80 - 120	P	10/18/2024	13:13	LB133014
	Barium	92.1	100	92	80 - 120	P	10/18/2024	13:13	LB133014
	Beryllium	5.87	6.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Cadmium	5.61	6.0	94	80 - 120	P	10/18/2024	13:13	LB133014
	Calcium	1900	2000	95	80 - 120	P	10/18/2024	13:13	LB133014
	Chromium	9.84	10.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Cobalt	28.9	30.0	96	80 - 120	P	10/18/2024	13:13	LB133014
	Copper	21.7	20.0	108	80 - 120	P	10/18/2024	13:13	LB133014
	Iron	105	100	105	80 - 120	P	10/18/2024	13:13	LB133014
	Lead	14.2	12.0	118	80 - 120	P	10/18/2024	13:13	LB133014
	Magnesium	2010	2000	100	80 - 120	P	10/18/2024	13:13	LB133014
	Manganese	19.0	20.0	95	80 - 120	P	10/18/2024	13:13	LB133014
	Nickel	38.7	40.0	97	80 - 120	P	10/18/2024	13:13	LB133014
	Potassium	1920	2000	96	80 - 120	P	10/18/2024	13:13	LB133014
	Selenium	17.4	20.0	87	80 - 120	P	10/18/2024	13:13	LB133014
	Silver	11.8	10.0	118	80 - 120	P	10/18/2024	13:13	LB133014
	Sodium	1880	2000	94	80 - 120	P	10/18/2024	13:13	LB133014
	Thallium	39.2	40.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Vanadium	37.8	40.0	94	80 - 120	P	10/18/2024	13:13	LB133014
	Zinc	41.1	40.0	103	80 - 120	P	10/18/2024	13:13	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
 Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9900	10000	99	90 - 110	P	10/18/2024	14:00	LB133014
	Antimony	5110	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Arsenic	5310	5000	106	90 - 110	P	10/18/2024	14:00	LB133014
	Barium	9920	10000	99	90 - 110	P	10/18/2024	14:00	LB133014
	Beryllium	251	250	100	90 - 110	P	10/18/2024	14:00	LB133014
	Cadmium	2620	2500	105	90 - 110	P	10/18/2024	14:00	LB133014
	Calcium	25000	25000	100	90 - 110	P	10/18/2024	14:00	LB133014
	Chromium	1030	1000	103	90 - 110	P	10/18/2024	14:00	LB133014
	Cobalt	2530	2500	101	90 - 110	P	10/18/2024	14:00	LB133014
	Copper	1280	1250	102	90 - 110	P	10/18/2024	14:00	LB133014
	Iron	5120	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Lead	5220	5000	104	90 - 110	P	10/18/2024	14:00	LB133014
	Magnesium	25000	25000	100	90 - 110	P	10/18/2024	14:00	LB133014
	Manganese	2480	2500	99	90 - 110	P	10/18/2024	14:00	LB133014
	Nickel	2530	2500	101	90 - 110	P	10/18/2024	14:00	LB133014
	Potassium	25400	25000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Selenium	5250	5000	105	90 - 110	P	10/18/2024	14:00	LB133014
	Silver	1280	1250	103	90 - 110	P	10/18/2024	14:00	LB133014
	Sodium	25200	25000	101	90 - 110	P	10/18/2024	14:00	LB133014
	Thallium	5120	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Vanadium	2490	2500	100	90 - 110	P	10/18/2024	14:00	LB133014
	Zinc	2560	2500	102	90 - 110	P	10/18/2024	14:00	LB133014
CCV02	Aluminum	9570	10000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Antimony	4850	5000	97	90 - 110	P	10/18/2024	14:53	LB133014
	Arsenic	5040	5000	101	90 - 110	P	10/18/2024	14:53	LB133014
	Barium	9490	10000	95	90 - 110	P	10/18/2024	14:53	LB133014
	Beryllium	246	250	98	90 - 110	P	10/18/2024	14:53	LB133014
	Cadmium	2500	2500	100	90 - 110	P	10/18/2024	14:53	LB133014
	Calcium	24000	25000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Chromium	1000	1000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Cobalt	2410	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Copper	1210	1250	96	90 - 110	P	10/18/2024	14:53	LB133014
	Iron	5030	5000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Lead	5010	5000	100	90 - 110	P	10/18/2024	14:53	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Manganese	2390	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Nickel	2410	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Potassium	24900	25000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Selenium	4990	5000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Silver	1260	1250	101	90 - 110	P	10/18/2024	14:53	LB133014
	Sodium	24800	25000	99	90 - 110	P	10/18/2024	14:53	LB133014
	Thallium	5350	5000	107	90 - 110	P	10/18/2024	14:53	LB133014
	Vanadium	2390	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Zinc	2500	2500	100	90 - 110	P	10/18/2024	14:53	LB133014
CCV03	Aluminum	9330	10000	93	90 - 110	P	10/18/2024	16:05	LB133014
	Antimony	4690	5000	94	90 - 110	P	10/18/2024	16:05	LB133014
	Arsenic	4920	5000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Barium	9220	10000	92	90 - 110	P	10/18/2024	16:05	LB133014
	Beryllium	255	250	102	90 - 110	P	10/18/2024	16:05	LB133014
	Cadmium	2500	2500	100	90 - 110	P	10/18/2024	16:05	LB133014
	Calcium	23900	25000	96	90 - 110	P	10/18/2024	16:05	LB133014
	Chromium	984	1000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Cobalt	2390	2500	96	90 - 110	P	10/18/2024	16:05	LB133014
	Copper	1180	1250	94	90 - 110	P	10/18/2024	16:05	LB133014
	Iron	4600	5000	92	90 - 110	P	10/18/2024	16:05	LB133014
	Lead	4990	5000	100	90 - 110	P	10/18/2024	16:05	LB133014
	Magnesium	23600	25000	94	90 - 110	P	10/18/2024	16:05	LB133014
	Manganese	2290	2500	92	90 - 110	P	10/18/2024	16:05	LB133014
	Nickel	2400	2500	96	90 - 110	P	10/18/2024	16:05	LB133014
	Potassium	22500	25000	90	90 - 110	P	10/18/2024	16:05	LB133014
	Selenium	4840	5000	97	90 - 110	P	10/18/2024	16:05	LB133014
	Silver	1200	1250	96	90 - 110	P	10/18/2024	16:05	LB133014
	Sodium	24500	25000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Thallium	5190	5000	104	90 - 110	P	10/18/2024	16:05	LB133014
CCV04	Vanadium	2310	2500	92	90 - 110	P	10/18/2024	16:05	LB133014
	Zinc	2360	2500	95	90 - 110	P	10/18/2024	16:05	LB133014
	Aluminum	9210	10000	92	90 - 110	P	10/18/2024	17:28	LB133014
	Antimony	4730	5000	95	90 - 110	P	10/18/2024	17:28	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4890	5000	98	90 - 110	P	10/18/2024	17:28	LB133014
	Barium	9280	10000	93	90 - 110	P	10/18/2024	17:28	LB133014
	Beryllium	242	250	97	90 - 110	P	10/18/2024	17:28	LB133014
	Cadmium	2420	2500	97	90 - 110	P	10/18/2024	17:28	LB133014
	Calcium	23100	25000	92	90 - 110	P	10/18/2024	17:28	LB133014
	Chromium	954	1000	95	90 - 110	P	10/18/2024	17:28	LB133014
	Cobalt	2330	2500	93	90 - 110	P	10/18/2024	17:28	LB133014
	Copper	1170	1250	94	90 - 110	P	10/18/2024	17:28	LB133014
	Iron	4420	5000	88	90 - 110	P	10/18/2024	17:28	LB133014
	Lead	4850	5000	97	90 - 110	P	10/18/2024	17:28	LB133014
	Magnesium	22400	25000	90	90 - 110	P	10/18/2024	17:28	LB133014
	Manganese	2230	2500	89	90 - 110	P	10/18/2024	17:28	LB133014
	Nickel	2330	2500	93	90 - 110	P	10/18/2024	17:28	LB133014
	Potassium	23500	25000	94	90 - 110	P	10/18/2024	17:28	LB133014
	Selenium	4850	5000	97	90 - 110	P	10/18/2024	17:28	LB133014
	Silver	1200	1250	96	90 - 110	P	10/18/2024	17:28	LB133014
	Sodium	23300	25000	93	90 - 110	P	10/18/2024	17:28	LB133014
	Thallium	5110	5000	102	90 - 110	P	10/18/2024	17:28	LB133014
	Vanadium	2250	2500	90	90 - 110	P	10/18/2024	17:28	LB133014
	Zinc	2370	2500	95	90 - 110	P	10/18/2024	17:28	LB133014

Metals

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CRDL STANDARD FOR AA & ICP

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.19	0.2	93	40 - 160	CV	10/14/2024	11:45	LB132914
CRI01	Aluminum	105	100	105	40 - 160	P	10/14/2024	14:27	LB132927
	Antimony	51.4	50.0	103	40 - 160	P	10/14/2024	14:27	LB132927
	Arsenic	17.5	20.0	88	40 - 160	P	10/14/2024	14:27	LB132927
	Barium	94.6	100	95	40 - 160	P	10/14/2024	14:27	LB132927
	Beryllium	6.18	6.0	103	40 - 160	P	10/14/2024	14:27	LB132927
	Cadmium	6.16	6.0	103	40 - 160	P	10/14/2024	14:27	LB132927
	Calcium	2040	2000	102	40 - 160	P	10/14/2024	14:27	LB132927
	Chromium	10.1	10.0	101	40 - 160	P	10/14/2024	14:27	LB132927
	Cobalt	30.4	30.0	101	40 - 160	P	10/14/2024	14:27	LB132927
	Copper	22.7	20.0	114	40 - 160	P	10/14/2024	14:27	LB132927
	Iron	98.3	100	98	40 - 160	P	10/14/2024	14:27	LB132927
	Lead	14.4	12.0	120	40 - 160	P	10/14/2024	14:27	LB132927
	Magnesium	2180	2000	109	40 - 160	P	10/14/2024	14:27	LB132927
	Manganese	19.6	20.0	98	40 - 160	P	10/14/2024	14:27	LB132927
	Nickel	40.3	40.0	101	40 - 160	P	10/14/2024	14:27	LB132927
	Potassium	1950	2000	98	40 - 160	P	10/14/2024	14:27	LB132927
	Selenium	19.5	20.0	97	40 - 160	P	10/14/2024	14:27	LB132927
	Silver	12.9	10.0	129	40 - 160	P	10/14/2024	14:27	LB132927
	Sodium	1640	2000	82	40 - 160	P	10/14/2024	14:27	LB132927
	Thallium	40.4	40.0	101	40 - 160	P	10/14/2024	14:27	LB132927
	Vanadium	40.3	40.0	101	40 - 160	P	10/14/2024	14:27	LB132927
	Zinc	41.8	40.0	104	40 - 160	P	10/14/2024	14:27	LB132927
CRI01	Aluminum	105	100	105	40 - 160	P	10/15/2024	11:46	LB132951
	Antimony	50.1	50.0	100	40 - 160	P	10/15/2024	11:46	LB132951
	Arsenic	20.1	20.0	100	40 - 160	P	10/15/2024	11:46	LB132951
	Barium	97.7	100	98	40 - 160	P	10/15/2024	11:46	LB132951
	Beryllium	6.07	6.0	101	40 - 160	P	10/15/2024	11:46	LB132951
	Cadmium	5.91	6.0	98	40 - 160	P	10/15/2024	11:46	LB132951
	Calcium	2020	2000	101	40 - 160	P	10/15/2024	11:46	LB132951
	Chromium	10.2	10.0	102	40 - 160	P	10/15/2024	11:46	LB132951
	Cobalt	29.9	30.0	100	40 - 160	P	10/15/2024	11:46	LB132951
	Copper	22.3	20.0	111	40 - 160	P	10/15/2024	11:46	LB132951
	Iron	105	100	106	40 - 160	P	10/15/2024	11:46	LB132951
	Lead	14.6	12.0	122	40 - 160	P	10/15/2024	11:46	LB132951

Metals

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CRDL STANDARD FOR AA & ICP

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2150	2000	108	40 - 160	P	10/15/2024	11:46	LB132951
	Manganese	20.8	20.0	104	40 - 160	P	10/15/2024	11:46	LB132951
	Nickel	39.8	40.0	99	40 - 160	P	10/15/2024	11:46	LB132951
	Potassium	1970	2000	98	40 - 160	P	10/15/2024	11:46	LB132951
	Selenium	15.6	20.0	78	40 - 160	P	10/15/2024	11:46	LB132951
	Silver	12.7	10.0	127	40 - 160	P	10/15/2024	11:46	LB132951
	Sodium	1930	2000	97	40 - 160	P	10/15/2024	11:46	LB132951
	Thallium	36.5	40.0	91	40 - 160	P	10/15/2024	11:46	LB132951
	Vanadium	40.5	40.0	101	40 - 160	P	10/15/2024	11:46	LB132951
	Zinc	43.5	40.0	109	40 - 160	P	10/15/2024	11:46	LB132951
CRI01	Aluminum	93.0	100	93	40 - 160	P	10/18/2024	13:27	LB133014
	Antimony	48.2	50.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Arsenic	20.0	20.0	100	40 - 160	P	10/18/2024	13:27	LB133014
	Barium	92.1	100	92	40 - 160	P	10/18/2024	13:27	LB133014
	Beryllium	5.98	6.0	100	40 - 160	P	10/18/2024	13:27	LB133014
	Cadmium	5.44	6.0	91	40 - 160	P	10/18/2024	13:27	LB133014
	Calcium	1910	2000	96	40 - 160	P	10/18/2024	13:27	LB133014
	Chromium	9.88	10.0	99	40 - 160	P	10/18/2024	13:27	LB133014
	Cobalt	28.8	30.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Copper	21.7	20.0	108	40 - 160	P	10/18/2024	13:27	LB133014
	Iron	105	100	105	40 - 160	P	10/18/2024	13:27	LB133014
	Lead	12.8	12.0	107	40 - 160	P	10/18/2024	13:27	LB133014
	Magnesium	2030	2000	102	40 - 160	P	10/18/2024	13:27	LB133014
	Manganese	19.3	20.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Nickel	38.5	40.0	96	40 - 160	P	10/18/2024	13:27	LB133014
	Potassium	1980	2000	99	40 - 160	P	10/18/2024	13:27	LB133014
	Selenium	17.9	20.0	89	40 - 160	P	10/18/2024	13:27	LB133014
	Silver	12.4	10.0	124	40 - 160	P	10/18/2024	13:27	LB133014
	Sodium	1940	2000	97	40 - 160	P	10/18/2024	13:27	LB133014
	Thallium	38.6	40.0	97	40 - 160	P	10/18/2024	13:27	LB133014
	Vanadium	37.5	40.0	94	40 - 160	P	10/18/2024	13:27	LB133014
	Zinc	42.5	40.0	106	40 - 160	P	10/18/2024	13:27	LB133014

Metals
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INTERFERENCE CHECK SAMPLE

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	261000	255000	102	216000	294000	10/14/2024	14:32	LB132927
	Antimony	-1.78			-50	50	10/14/2024	14:32	LB132927
	Arsenic	1.32			-20	20	10/14/2024	14:32	LB132927
	Barium	2.96	6.0	49	-94	106	10/14/2024	14:32	LB132927
	Beryllium	2.85			-6	6	10/14/2024	14:32	LB132927
	Cadmium	6.10	1.0	610	-5	7	10/14/2024	14:32	LB132927
	Calcium	239000	245000	98	208000	282000	10/14/2024	14:32	LB132927
	Chromium	60.0	52.0	115	42	62	10/14/2024	14:32	LB132927
	Cobalt	2.02			-30	30	10/14/2024	14:32	LB132927
	Copper	20.9	2.0	1045	-18	22	10/14/2024	14:32	LB132927
	Iron	98800	101000	98	85600	116500	10/14/2024	14:32	LB132927
	Lead	9.31			-12	12	10/14/2024	14:32	LB132927
	Magnesium	262000	255000	103	216000	294000	10/14/2024	14:32	LB132927
	Manganese	-4.64	7.0	66	-13	27	10/14/2024	14:32	LB132927
	Nickel	3.34	2.0	167	-38	42	10/14/2024	14:32	LB132927
	Potassium	97.7			0	0	10/14/2024	14:32	LB132927
	Selenium	-19.4			-20	20	10/14/2024	14:32	LB132927
	Silver	-4.61			-10	10	10/14/2024	14:32	LB132927
	Sodium	-75.8			0	0	10/14/2024	14:32	LB132927
	Thallium	-2.29			-40	40	10/14/2024	14:32	LB132927
	Vanadium	9.92			-40	40	10/14/2024	14:32	LB132927
	Zinc	4.46			-40	40	10/14/2024	14:32	LB132927
ICSAB01	Aluminum	255000	247000	103	209000	285000	10/14/2024	14:39	LB132927
	Antimony	631	618	102	525	711	10/14/2024	14:39	LB132927
	Arsenic	97.9	104	94	88.4	120	10/14/2024	14:39	LB132927
	Barium	467	537	87	437	637	10/14/2024	14:39	LB132927
	Beryllium	482	495	97	420	570	10/14/2024	14:39	LB132927
	Cadmium	947	972	97	826	1120	10/14/2024	14:39	LB132927
	Calcium	233000	235000	99	199000	271000	10/14/2024	14:39	LB132927
	Chromium	577	542	106	460	624	10/14/2024	14:39	LB132927
	Cobalt	506	476	106	404	548	10/14/2024	14:39	LB132927
	Copper	512	511	100	434	588	10/14/2024	14:39	LB132927
	Iron	97800	99300	98	84400	114500	10/14/2024	14:39	LB132927
	Lead	57.1	49.0	116	37	61	10/14/2024	14:39	LB132927
	Magnesium	255000	248000	103	210000	286000	10/14/2024	14:39	LB132927
	Manganese	449	507	89	430	584	10/14/2024	14:39	LB132927
	Nickel	996	954	104	810	1100	10/14/2024	14:39	LB132927
	Potassium	-0.98			0	0	10/14/2024	14:39	LB132927
	Selenium	29.7	46.0	65	26	66	10/14/2024	14:39	LB132927
	Silver	217	201	108	170	232	10/14/2024	14:39	LB132927
	Sodium	-113			0	0	10/14/2024	14:39	LB132927
	Thallium	75.6	108	70	68	148	10/14/2024	14:39	LB132927

Metals
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INTERFERENCE CHECK SAMPLE

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	492	491	100	417	565	10/14/2024	14:39	LB132927
	Zinc	1080	952	113	809	1095	10/14/2024	14:39	LB132927
ICSA01	Aluminum	259000	255000	102	216000	294000	10/15/2024	11:50	LB132951
	Antimony	-1.26			-50	50	10/15/2024	11:50	LB132951
	Arsenic	-0.034			-20	20	10/15/2024	11:50	LB132951
	Barium	0.90	6.0	15	-94	106	10/15/2024	11:50	LB132951
	Beryllium	2.49			-6	6	10/15/2024	11:50	LB132951
	Cadmium	5.13	1.0	513	-5	7	10/15/2024	11:50	LB132951
	Calcium	238000	245000	97	208000	282000	10/15/2024	11:50	LB132951
	Chromium	56.7	52.0	109	42	62	10/15/2024	11:50	LB132951
	Cobalt	1.87			-30	30	10/15/2024	11:50	LB132951
	Copper	11.6	2.0	580	-18	22	10/15/2024	11:50	LB132951
	Iron	101000	101000	100	85600	116500	10/15/2024	11:50	LB132951
	Lead	11.6			-12	12	10/15/2024	11:50	LB132951
	Magnesium	260000	255000	102	216000	294000	10/15/2024	11:50	LB132951
	Manganese	-2.55	7.0	36	-13	27	10/15/2024	11:50	LB132951
	Nickel	2.53	2.0	126	-38	42	10/15/2024	11:50	LB132951
	Potassium	-7.55			0	0	10/15/2024	11:50	LB132951
	Selenium	-13.4			-20	20	10/15/2024	11:50	LB132951
	Silver	-6.93			-10	10	10/15/2024	11:50	LB132951
	Sodium	29.1			0	0	10/15/2024	11:50	LB132951
	Thallium	15.8			-40	40	10/15/2024	11:50	LB132951
	Vanadium	8.62			-40	40	10/15/2024	11:50	LB132951
	Zinc	4.25			-40	40	10/15/2024	11:50	LB132951
ICSAB01	Aluminum	262000	247000	106	209000	285000	10/15/2024	12:03	LB132951
	Antimony	629	618	102	525	711	10/15/2024	12:03	LB132951
	Arsenic	108	104	104	88.4	120	10/15/2024	12:03	LB132951
	Barium	534	537	99	437	637	10/15/2024	12:03	LB132951
	Beryllium	512	495	103	420	570	10/15/2024	12:03	LB132951
	Cadmium	970	972	100	826	1120	10/15/2024	12:03	LB132951
	Calcium	244000	235000	104	199000	271000	10/15/2024	12:03	LB132951
	Chromium	586	542	108	460	624	10/15/2024	12:03	LB132951
	Cobalt	518	476	109	404	548	10/15/2024	12:03	LB132951
	Copper	509	511	100	434	588	10/15/2024	12:03	LB132951
	Iron	105000	99300	106	84400	114500	10/15/2024	12:03	LB132951
	Lead	58.4	49.0	119	37	61	10/15/2024	12:03	LB132951
	Magnesium	262000	248000	106	210000	286000	10/15/2024	12:03	LB132951
	Manganese	505	507	100	430	584	10/15/2024	12:03	LB132951
	Nickel	1020	954	107	810	1100	10/15/2024	12:03	LB132951
	Potassium	-70.4			0	0	10/15/2024	12:03	LB132951
	Selenium	33.2	46.0	72	26	66	10/15/2024	12:03	LB132951
	Silver	224	201	111	170	232	10/15/2024	12:03	LB132951

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Roman E&G Corp</u>	SDG No.: <u>P4258</u>
Contract: <u>ROMA02</u> Lab Code: <u>CHEM</u>	Case No.: <u>P4258</u> SAS No.: <u>P4258</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	38.9			0	0	10/15/2024	12:03	LB132951
	Thallium	93.9	108	87	68	148	10/15/2024	12:03	LB132951
	Vanadium	515	491	105	417	565	10/15/2024	12:03	LB132951
	Zinc	905	952	95	809	1095	10/15/2024	12:03	LB132951
ICSA01	Aluminum	237000	255000	93	216000	294000	10/18/2024	13:32	LB133014
	Antimony	-1.32			-50	50	10/18/2024	13:32	LB133014
	Arsenic	-4.50			-20	20	10/18/2024	13:32	LB133014
	Barium	2.49	6.0	42	-94	106	10/18/2024	13:32	LB133014
	Beryllium	1.11			-6	6	10/18/2024	13:32	LB133014
	Cadmium	6.89	1.0	689	-5	7	10/18/2024	13:32	LB133014
	Calcium	226000	245000	92	208000	282000	10/18/2024	13:32	LB133014
	Chromium	55.6	52.0	107	42	62	10/18/2024	13:32	LB133014
	Cobalt	1.25			-30	30	10/18/2024	13:32	LB133014
	Copper	-8.46	2.0	423	-18	22	10/18/2024	13:32	LB133014
	Iron	98700	101000	98	85600	116500	10/18/2024	13:32	LB133014
	Lead	6.37			-12	12	10/18/2024	13:32	LB133014
	Magnesium	246000	255000	96	216000	294000	10/18/2024	13:32	LB133014
	Manganese	5.78	7.0	83	-13	27	10/18/2024	13:32	LB133014
	Nickel	2.27	2.0	114	-38	42	10/18/2024	13:32	LB133014
	Potassium	-34.9			0	0	10/18/2024	13:32	LB133014
	Selenium	-14.0			-20	20	10/18/2024	13:32	LB133014
	Silver	3.92			-10	10	10/18/2024	13:32	LB133014
	Sodium	20.9			0	0	10/18/2024	13:32	LB133014
	Thallium	5.51			-40	40	10/18/2024	13:32	LB133014
	Vanadium	5.78			-40	40	10/18/2024	13:32	LB133014
	Zinc	3.80			-40	40	10/18/2024	13:32	LB133014
ICSAB01	Aluminum	240000	247000	97	209000	285000	10/18/2024	13:56	LB133014
	Antimony	622	618	101	525	711	10/18/2024	13:56	LB133014
	Arsenic	107	104	103	88.4	120	10/18/2024	13:56	LB133014
	Barium	482	537	90	437	637	10/18/2024	13:56	LB133014
	Beryllium	490	495	99	420	570	10/18/2024	13:56	LB133014
	Cadmium	1010	972	104	826	1120	10/18/2024	13:56	LB133014
	Calcium	229000	235000	97	199000	271000	10/18/2024	13:56	LB133014
	Chromium	573	542	106	460	624	10/18/2024	13:56	LB133014
	Cobalt	516	476	108	404	548	10/18/2024	13:56	LB133014
	Copper	484	511	95	434	588	10/18/2024	13:56	LB133014
	Iron	101000	99300	102	84400	114500	10/18/2024	13:56	LB133014
	Lead	55.1	49.0	112	37	61	10/18/2024	13:56	LB133014
	Magnesium	250000	248000	101	210000	286000	10/18/2024	13:56	LB133014
	Manganese	481	507	95	430	584	10/18/2024	13:56	LB133014
	Nickel	1020	954	107	810	1100	10/18/2024	13:56	LB133014
	Potassium	-21.9			0	0	10/18/2024	13:56	LB133014

Metals
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INTERFERENCE CHECK SAMPLE

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	37.2	46.0	81	26	66	10/18/2024	13:56	LB133014
	Silver	229	201	114	170	232	10/18/2024	13:56	LB133014
	Sodium	29.5			0	0	10/18/2024	13:56	LB133014
	Thallium	97.0	108	90	68	148	10/18/2024	13:56	LB133014
	Vanadium	472	491	96	417	565	10/18/2024	13:56	LB133014
	Zinc	1080	952	113	809	1095	10/18/2024	13:56	LB133014



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: <u>Roman E&G Corp</u>	level: <u>low</u>	sdg no.: <u>P4258</u>
contract: <u>ROMA02</u>	lab code: <u>CHEM</u>	case no.: <u>P4258</u> sas no.: <u>P4258</u>
matrix: <u>Solid</u>	sample id: <u>P4364-16</u>	client id: <u>SB-08-0.167-0.667MS</u>
Percent Solids for Sample: 93.3	Spiked ID: P4364-16MS	Percent Solids for Spike Sample: 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.50		0.24		0.25	105		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Roman E&G Corp</u>	level: <u>low</u>	sdg no.: <u>P4258</u>
contract: <u>ROMA02</u>	lab code: <u>CHEM</u>	case no.: <u>P4258</u> sas no.: <u>P4258</u>
matrix: <u>Solid</u>	sample id: <u>P4364-16</u>	client id: <u>SB-08-0.167-0.667MSD</u>
Percent Solids for Sample: 93.3	Spiked ID: P4364-16MSD	Percent Solids for Spike Sample: 93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.50		0.24		0.27	99		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Roman E&G Corp</u>	level: <u>low</u>	sdg no.: <u>P4258</u>
contract: <u>ROMA02</u>	lab code: <u>CHEM</u>	case no.: <u>P4258</u> sas no.: <u>P4258</u>
matrix: <u>Solid</u>	sample id: <u>P4385-20</u>	client id: <u>SP-10MS</u>
Percent Solids for Sample: 94.4	Spiked ID: P4385-20MS	Percent Solids for Spike Sample: 94.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	11600		10800		100	811		P
Antimony	mg/Kg	75 - 125	29.2		2.36	U	40.2	73	N	P
Arsenic	mg/Kg	75 - 125	34.5		4.41		40.2	75		P
Barium	mg/Kg	75 - 125	62.5		51.1		10.0	114		P
Beryllium	mg/Kg	75 - 125	8.48		0.59		10.0	79		P
Cadmium	mg/Kg	75 - 125	11.7		1.90		10.0	98		P
Calcium	mg/Kg	75 - 125	1350		1220		50.2	248		P
Chromium	mg/Kg	75 - 125	35.6		19.0		20.1	83		P
Cobalt	mg/Kg	75 - 125	19.0		8.50		10.0	105		P
Copper	mg/Kg	75 - 125	24.1		13.7		15.1	69	N	P
Iron	mg/Kg	75 - 125	11600		11300		150	208		P
Lead	mg/Kg	75 - 125	49.0		11.2		50.2	75		P
Magnesium	mg/Kg	75 - 125	1150		1000		100	146		P
Manganese	mg/Kg	75 - 125	168		149		10.0	193		P
Nickel	mg/Kg	75 - 125	26.5		6.97		25.1	78		P
Potassium	mg/Kg	75 - 125	667		401		500	53	N	P
Selenium	mg/Kg	75 - 125	68.1		0.95	U	100	68	N	P
Silver	mg/Kg	75 - 125	3.05		0.47	U	3.8	80		P
Sodium	mg/Kg	75 - 125	160		48.5	J	150	75		P
Thallium	mg/Kg	75 - 125	92.7		1.89	U	100	93		P
Vanadium	mg/Kg	75 - 125	35.9		23.4		15.1	83		P
Zinc	mg/Kg	75 - 125	27.2		18.6		10.0	86		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Roman E&G Corp</u>	level:	<u>low</u>	sdg no.:	<u>P4258</u>
contract:	<u>ROMA02</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4258</u>
matrix:	<u>Solid</u>	sample id:	<u>P4385-20</u>	client id:	<u>SP-10MSD</u>
Percent Solids for Sample:	94.4	Spiked ID:	P4385-20MSD	Percent Solids for Spike Sample:	94.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10600		10800		91.7	-151		P
Antimony	mg/Kg	75 - 125	27.7		2.36	U	36.7	76		P
Arsenic	mg/Kg	75 - 125	32.2		4.41		36.7	76		P
Barium	mg/Kg	75 - 125	57.5		51.1		9.2	70		P
Beryllium	mg/Kg	75 - 125	7.81		0.59		9.2	78		P
Cadmium	mg/Kg	75 - 125	11.0		1.90		9.2	98		P
Calcium	mg/Kg	75 - 125	1240		1220		45.9	41		P
Chromium	mg/Kg	75 - 125	33.1		19.0		18.3	77		P
Cobalt	mg/Kg	75 - 125	17.7		8.50		9.2	100		P
Copper	mg/Kg	75 - 125	22.4		13.7		13.8	63	N	P
Iron	mg/Kg	75 - 125	10700		11300		140	-449		P
Lead	mg/Kg	75 - 125	45.6		11.2		45.9	75		P
Magnesium	mg/Kg	75 - 125	1060		1000		91.7	61		P
Manganese	mg/Kg	75 - 125	154		149		9.2	55		P
Nickel	mg/Kg	75 - 125	24.7		6.97		22.9	77		P
Potassium	mg/Kg	75 - 125	621		401		460	48	N	P
Selenium	mg/Kg	75 - 125	64.3		0.95	U	91.7	70	N	P
Silver	mg/Kg	75 - 125	2.80		0.47	U	3.4	82		P
Sodium	mg/Kg	75 - 125	148		48.5	J	140	71	N	P
Thallium	mg/Kg	75 - 125	86.2		1.89	U	91.7	94		P
Vanadium	mg/Kg	75 - 125	33.3		23.4		13.8	71	N	P
Zinc	mg/Kg	75 - 125	25.0		18.6		9.2	70	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Roman E&G Corp</u>	SDG No.: <u>P4258</u>	
Contract: <u>ROMA02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4258</u> SAS No.: <u>P4258</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>SP-10A</u>
Sample ID: <u>P4385-20</u>	Spiked ID: <u>P4385-20A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	28.1		2.36	U	37.8	74		P
Copper	mg/Kg	75 - 125	22.6		13.7		14.2	62		P
Potassium	mg/Kg	75 - 125	637		401		470	50		P
Selenium	mg/Kg	75 - 125	65.5		0.95	U	94.6	69		P
Sodium	mg/Kg	75 - 125	151		48.5	J	140	73		P
Vanadium	mg/Kg	75 - 125	33.9		23.4		14.2	74		P
Zinc	mg/Kg	75 - 125	25.8		18.6		9.50	76		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Roman E&G Corp</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4258</u>
Contract:	<u>ROMA02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4258</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4364-16</u>	Client ID:	<u>SB-08-0.167-0.667DUP</u>
Percent Solids for Sample:	93.3	Duplicate ID	P4364-16DUP	Percent Solids for Spike Sample:	93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.24		0.25		5		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Roman E&G Corp</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4258</u>
Contract:	<u>ROMA02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4258</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4364-16MS</u>	Client ID:	<u>SB-08-0.167-0.667MSD</u>
Percent Solids for Sample:	93.3	Duplicate ID	P4364-16MSD	Percent Solids for Spike Sample:	93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.50		0.50		1		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Roman E&G Corp **Level:** LOW **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Matrix: Solid **Sample ID:** P4385-20 **Client ID:** SP-10DUP
Percent Solids for Sample: 94.4 **Duplicate ID** P4385-20DUP **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	10800		10500		3		P
Antimony	mg/Kg	20	2.36	U	2.29	U			P
Arsenic	mg/Kg	20	4.41		4.20		5		P
Barium	mg/Kg	20	51.1		48.4		5		P
Beryllium	mg/Kg	20	0.59		0.57		2		P
Cadmium	mg/Kg	20	1.90		1.85		3		P
Calcium	mg/Kg	20	1220		1170		4		P
Chromium	mg/Kg	20	19.0		18.1		5		P
Cobalt	mg/Kg	20	8.50		8.16		4		P
Copper	mg/Kg	20	13.7		13.6		1		P
Iron	mg/Kg	20	11300		10500		7		P
Lead	mg/Kg	20	11.2		10.8		4		P
Magnesium	mg/Kg	20	1000		970		3		P
Manganese	mg/Kg	20	149		142		5		P
Nickel	mg/Kg	20	6.97		6.78		3		P
Potassium	mg/Kg	20	401		373		7		P
Selenium	mg/Kg	20	0.95	U	0.92	U			P
Silver	mg/Kg	20	0.47	U	0.46	U			P
Sodium	mg/Kg	20	48.5	J	45.4	J	7		P
Thallium	mg/Kg	20	1.89	U	1.83	U			P
Vanadium	mg/Kg	20	23.4		22.4		4		P
Zinc	mg/Kg	20	18.6		17.6		6		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Roman E&G Corp **Level:** LOW **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Matrix: Solid **Sample ID:** P4385-20MS **Client ID:** SP-10MSD
Percent Solids for Sample: 94.4 **Duplicate ID** P4385-20MSD **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	11600		10600		9		P
Antimony	mg/Kg	20	29.2		27.7		5		P
Arsenic	mg/Kg	20	34.5		32.2		7		P
Barium	mg/Kg	20	62.5		57.5		8		P
Beryllium	mg/Kg	20	8.48		7.81		8		P
Cadmium	mg/Kg	20	11.7		11.0		7		P
Calcium	mg/Kg	20	1350		1240		8		P
Chromium	mg/Kg	20	35.6		33.1		7		P
Cobalt	mg/Kg	20	19.0		17.7		7		P
Copper	mg/Kg	20	24.1		22.4		7		P
Iron	mg/Kg	20	11600		10700		8		P
Lead	mg/Kg	20	49.0		45.6		7		P
Magnesium	mg/Kg	20	1150		1060		8		P
Manganese	mg/Kg	20	168		154		9		P
Nickel	mg/Kg	20	26.5		24.7		7		P
Potassium	mg/Kg	20	667		621		7		P
Selenium	mg/Kg	20	68.1		64.3		6		P
Silver	mg/Kg	20	3.05		2.80		9		P
Sodium	mg/Kg	20	160		148		8		P
Thallium	mg/Kg	20	92.7		86.2		7		P
Vanadium	mg/Kg	20	35.9		33.3		8		P
Zinc	mg/Kg	20	27.2		25.0		8		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164065BS							
Aluminum	mg/Kg	81.3	79.9		98	80 - 120	P
Antimony	mg/Kg	32.5	31.7		98	80 - 120	P
Arsenic	mg/Kg	32.5	29.3		90	80 - 120	P
Barium	mg/Kg	8.1	7.50		93	80 - 120	P
Beryllium	mg/Kg	8.1	7.89		97	80 - 120	P
Cadmium	mg/Kg	8.1	7.19		89	80 - 120	P
Calcium	mg/Kg	40.7	40.1	J	98	80 - 120	P
Chromium	mg/Kg	16.3	16.0		98	80 - 120	P
Cobalt	mg/Kg	8.1	7.71		95	80 - 120	P
Copper	mg/Kg	12.2	12.3		101	80 - 120	P
Iron	mg/Kg	120	114		95	80 - 120	P
Lead	mg/Kg	40.7	36.3		89	80 - 120	P
Magnesium	mg/Kg	81.3	77.4	J	95	80 - 120	P
Manganese	mg/Kg	8.1	7.86		97	80 - 120	P
Nickel	mg/Kg	20.3	19.3		95	80 - 120	P
Potassium	mg/Kg	410	377		92	80 - 120	P
Selenium	mg/Kg	81.3	74.3		91	80 - 120	P
Silver	mg/Kg	3.0	3.07		102	80 - 120	P
Sodium	mg/Kg	120	110		92	80 - 120	P
Thallium	mg/Kg	81.3	75.9		93	80 - 120	P
Vanadium	mg/Kg	12.2	11.8		97	80 - 120	P
Zinc	mg/Kg	8.1	8.36		103	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Roman E&G Corp

SDG No.: P4258

Contract: ROMA02

Lab Code: CHEM

Case No.: P4258

SAS No.: P4258

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164114BS Mercury	mg/Kg	0.27	0.26		97	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SB-08-0.167-0.667L

Lab Name: Chemtech Consulting Group

Contract: ROMA02

Lab Code: CHEM **Lb No.:** lb132914 **Lab Sample ID :** P4364-16L **SDG No.:** P4258

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.24	0.27	13		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SP-10L

Lab Name: Chemtech Consulting Group

Contract: ROMA02

Lab Code: CHEM Lb No.: lb133014 Lab Sample ID : P4385-20L SDG No.: P4258

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	10800		12700		18		P
Antimony	2.36	U	11.8	U			P
Arsenic	4.41		4.37	J	1		P
Barium	51.1		60.4		18		P
Beryllium	0.59		0.75	J	28		P
Cadmium	1.90		1.40	J	26		P
Calcium	1220		1480		22		P
Chromium	19.0		22.3		17		P
Cobalt	8.50		8.34		2		P
Copper	13.7		18.2		32		P
Iron	11300		12900		14		P
Lead	11.2		11.7		4		P
Magnesium	1000		1210		21		P
Manganese	149		184		24		P
Nickel	6.97		6.89	J	1		P
Potassium	401		446	J	11		P
Selenium	0.95	U	4.73	U			P
Silver	0.47	U	2.36	U			P
Sodium	48.5	J	473	U	100.0		P
Thallium	1.89	U	9.46	U			P
Vanadium	23.4		27.8		19		P
Zinc	18.6		21.3		15		P

metals
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ANALYSIS RUN LOG

Client: Roman E&G Corp

Contract: ROMA02

Lab code: CHEM **Case no.:** P4258 **Sas no.:** P4258

Sdg no.: P4258

Instrument id number: **Method:**

Run number: LB132914

Start date: 10/14/2024 **End date:** 10/14/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1119	HG
S0.2	S0.2	1	1121	HG
S2.5	S2.5	1	1123	HG
S5	S5	1	1126	HG
S7.5	S7.5	1	1128	HG
S10	S10	1	1130	HG
ICV36	ICV36	1	1133	HG
ICB36	ICB36	1	1138	HG
CCV13	CCV13	1	1140	HG
CCB13	CCB13	1	1143	HG
CRA	CRA	1	1145	HG
PB164114BL	PB164114BL	1	1154	HG
PB164114BS	PB164114BS	1	1157	HG
P4258-03	Chamberlain Ave	1	1159	HG
CCV14	CCV14	1	1210	HG
CCB14	CCB14	1	1213	HG
CCV15	CCV15	1	1239	HG
CCB15	CCB15	1	1241	HG
P4364-16DUP	SB-08-0.167-0.667DUP	1	1248	HG
P4364-16MS	SB-08-0.167-0.667MS	1	1253	HG
P4364-16MSD	SB-08-0.167-0.667MSD	1	1255	HG
CCV16	CCV16	1	1309	HG
CCB16	CCB16	1	1312	HG
CCV17	CCV17	1	1337	HG
CCB17	CCB17	1	1339	HG
CCV18	CCV18	1	1404	HG
CCB18	CCB18	1	1406	HG
CCV19	CCV19	1	1431	HG
CCB19	CCB19	1	1434	HG
P4364-16L	SB-08-0.167-0.667L	5	1445	HG
CCV20	CCV20	1	1459	HG
CCB20	CCB20	1	1501	HG
CCV21	CCV21	1	1515	HG
CCB21	CCB21	1	1517	HG

metals
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ANALYSIS RUN LOG

Client: Roman E&G Corp **Contract:** ROMA02

Lab code: CHEM **Case no.:** P4258 **Sas no.:** P4258 **Sdg no.:** P4258

Instrument id number: **Method:** **Run number:** LB132927

Start date: 10/14/2024 **End date:** 10/14/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1349	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1353	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1402	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1406	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1423	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1427	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1432	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4258-03	Chamberlain Ave	1	1505	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1509	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1513	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1603	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1607	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1706	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1711	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1800	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1804	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1851	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1855	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1911	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1915	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Roman E&G Corp **Contract:** ROMA02

Lab code: CHEM **Case no.:** P4258 **Sas no.:** P4258 **Sdg no.:** P4258

Instrument id number: **Method:** **Run number:** LB132951

Start date: 10/15/2024 **End date:** 10/15/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1042	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1047	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1051	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1055	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1059	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1103	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1230	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB164065BS	PB164065BS	1	1306	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1327	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB164065BL	PB164065BL	1	1426	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1530	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1621	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1714	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1718	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1749	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1753	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Roman E&G Corp **Contract:** ROMA02

Lab code: CHEM **Case no.:** P4258 **Sas no.:** P4258 **Sdg no.:** P4258

Instrument id number: **Method:** **Run number:** LB133014

Start date: 10/18/2024 **End date:** 10/18/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1207	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1308	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1327	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1332	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1356	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1400	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1457	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4385-20DUP	SP-10DUP	1	1516	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4385-20L	SP-10L	5	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4385-20MS	SP-10MS	1	1524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4385-20MSD	SP-10MSD	1	1528	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4385-20A	SP-10A	1	1532	Cu,K,Na,Sb,Se,V,Zn
CCV03	CCV03	1	1605	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1639	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1728	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1732	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Roman E&G Corp

SDG No.: P4258

Contract: ROMA02

Lab Code: CHEM

Case No.: P4258

SAS No.: P4258

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Roman E&G Corp

SDG No.: P4258

Contract: ROMA02

Lab Code: CHEM

Case No.: P4258

SAS No.: P4258

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Roman E&G Corp

SDG No.: P4258

Contract: ROMA02

Lab Code: CHEM

Case No.: P4258

SAS No.: P4258

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Roman E&G Corp

SDG No.: P4258

Contract: ROMA02

Lab Code: CHEM

Case No.: P4258

SAS No.: P4258

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Roman E&G Corp

SDG No.: P4258

Contract: ROMA02

Lab Code: CHEM

Case No.: P4258

SAS No.: P4258

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	P4258	OrderDate:	10/1/2024 1:21:00 PM
Client:	Roman E&G Corp	Project:	Perth Amboy
Contact:	Mark Mattheiss	Location:	H11,H51,K11,K21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4258-03	Chamberlain Ave	SOIL			10/01/24			10/01/24
			Mercury	7471B		10/11/24	10/14/24	
			Metals ICP-TAL	6010D		10/11/24	10/14/24	
P4258-04	Chamberlain Ave	TCLP			10/01/24			10/01/24
			TCLP Mercury	7470A		10/03/24	10/04/24	
			TCLP Metals + Cu+Ni+Zn	6010D		10/03/24	10/04/24	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Roman E&G Corp</u>	SDG No.:	<u>P4258</u>
Contract:	<u>ROMA02</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P4258</u>
		SAS No.:	<u>P4258</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB164065							
P4258-03	Chamberlain Ave	SAM	SOLID	10/11/2024	2.14	100.0	86.00
P4385-20DUP	SP-10DUP	DUP	SOLID	10/11/2024	2.31	100.0	94.40
P4385-20MS	SP-10MS	MS	SOLID	10/11/2024	2.11	100.0	94.40
P4385-20MSD	SP-10MSD	MSD	SOLID	10/11/2024	2.31	100.0	94.40
PB164065BL	PB164065BL	MB	SOLID	10/11/2024	2.46	100.0	100.00
PB164065BS	PB164065BS	LCS	SOLID	10/11/2024	2.46	100.0	100.00

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Roman E&G Corp</u>	SDG No.:	<u>P4258</u>
Contract:	<u>ROMA02</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P4258</u>
		SAS No.:	<u>P4258</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB164114							
P4258-03	Chamberlain Ave	SAM	SOLID	10/11/2024	0.54	35.0	86.00
P4364-16DUP	SB-08-0.167-0.667DUP	DUP	SOLID	10/11/2024	0.56	35.0	93.30
P4364-16MS	SB-08-0.167-0.667MS	MS	SOLID	10/11/2024	0.59	35.0	93.30
P4364-16MSD	SB-08-0.167-0.667MSD	MSD	SOLID	10/11/2024	0.56	35.0	93.30
PB164114BL	PB164114BL	MB	SOLID	10/11/2024	0.54	35.0	100.00
PB164114BS	PB164114BS	LCS	SOLID	10/11/2024	0.52	35.0	100.00

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB132914

Review By	jaswal	Review On	10/14/2024 10:26:20 PM
Supervise By	mohan	Supervise On	10/14/2024 10:27:01 PM
STD. NAME	STD REF.#		
ICAL Standard	MP82765,MP82766,MP82767,MP82768,MP82769,MP82770		
ICV Standard	MP82771		
CCV Standard	MP82773		
ICSA Standard			
CRI Standard	MP82775		
LCS Standard			
Chk Standard	MP82772,MP82774,MP82776,MP82781		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/14/24 11:19		Mohan	OK
2	S0.2	S0.2	CAL2	10/14/24 11:21		Mohan	OK
3	S2.5	S2.5	CAL3	10/14/24 11:23		Mohan	OK
4	S5	S5	CAL4	10/14/24 11:26		Mohan	OK
5	S7.5	S7.5	CAL5	10/14/24 11:28		Mohan	OK
6	S10	S10	CAL6	10/14/24 11:30		Mohan	OK
7	ICV36	ICV36	ICV	10/14/24 11:33		Mohan	OK
8	ICB36	ICB36	ICB	10/14/24 11:38		Mohan	OK
9	CCV13	CCV13	CCV	10/14/24 11:40		Mohan	OK
10	CCB13	CCB13	CCB	10/14/24 11:43		Mohan	OK
11	CRA	CRA	CRDL	10/14/24 11:45		Mohan	OK
12	HighStd	HighStd	HIGH STD	10/14/24 11:47		Mohan	OK
13	ChkStd	ChkStd	SAM	10/14/24 11:49		Mohan	OK
14	PB164114BL	PB164114BL	MB	10/14/24 11:54		Mohan	OK
15	PB164114BS	PB164114BS	LCS	10/14/24 11:57		Mohan	OK
16	P4258-03	Chamberlain Ave	SAM	10/14/24 11:59		Mohan	OK
17	P4364-01	SB-01-1.0-1.5	SAM	10/14/24 12:01		Mohan	OK
18	P4364-02	SB-01-2.5-3.0	SAM	10/14/24 12:03		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB132914

Review By	jaswal	Review On	10/14/2024 10:26:20 PM
Supervise By	mohan	Supervise On	10/14/2024 10:27:01 PM
STD. NAME	STD REF.#		
ICAL Standard	MP82765,MP82766,MP82767,MP82768,MP82769,MP82770		
ICV Standard	MP82771		
CCV Standard	MP82773		
ICSA Standard			
CRI Standard	MP82775		
LCS Standard			
Chk Standard	MP82772,MP82774,MP82776,MP82781		

19	P4364-03	SB-01-4.25-4.83	SAM	10/14/24 12:06		Mohan	OK
20	P4364-04	SB-02-0.167-0.667	SAM	10/14/24 12:08	High	Mohan	Dilution
21	CCV14	CCV14	CCV	10/14/24 12:10		Mohan	OK
22	CCB14	CCB14	CCB	10/14/24 12:13		Mohan	OK
23	P4364-05	SB-02-2.0-2.5	SAM	10/14/24 12:15	High	Mohan	Dilution
24	P4364-06	SB-02-4.5-5.0	SAM	10/14/24 12:17	High	Mohan	Dilution
25	P4364-07	SB-03-0.167-0.667	SAM	10/14/24 12:20	High	Mohan	Dilution
26	P4364-08	SB-03-2.0-2.5	SAM	10/14/24 12:22		Mohan	OK
27	P4364-09	SB-03-4.167-4.667	SAM	10/14/24 12:25		Mohan	OK
28	P4364-10	SB-04-0.167-0.667	SAM	10/14/24 12:27	High	Mohan	Dilution
29	P4364-11	SB-04-2.0-2.5	SAM	10/14/24 12:29		Mohan	OK
30	P4364-12	SB-04-4.5-5.0	SAM	10/14/24 12:32		Mohan	OK
31	P4364-13	SB-05-0.167-0.667	SAM	10/14/24 12:34		Mohan	OK
32	P4364-14	SB-06-0.167-0.667	SAM	10/14/24 12:37		Mohan	OK
33	CCV15	CCV15	CCV	10/14/24 12:39		Mohan	OK
34	CCB15	CCB15	CCB	10/14/24 12:41		Mohan	OK
35	P4364-15	SB-07-0.167-0.667	SAM	10/14/24 12:43		Mohan	OK
36	P4364-16	SB-08-0.167-0.667	SAM	10/14/24 12:46		Mohan	OK
37	P4364-16DUP	SB-08-0.167-0.667DUP	DUP	10/14/24 12:48		Mohan	OK
38	P4364-16MS	SB-08-0.167-0.667MS	MS	10/14/24 12:53		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB132914

Review By	jaswal	Review On	10/14/2024 10:26:20 PM
Supervise By	mohan	Supervise On	10/14/2024 10:27:01 PM

STD. NAME	STD REF.#
ICAL Standard	MP82765,MP82766,MP82767,MP82768,MP82769,MP82770
ICV Standard	MP82771
CCV Standard	MP82773
ICSA Standard	
CRI Standard	MP82775
LCS Standard	
Chk Standard	MP82772,MP82774,MP82776,MP82781

39	P4364-16MSD	SB-08-0.167-0.667MS	MSD	10/14/24 12:55		Mohan	OK
40	P4376-01	OR-02-100924	SAM	10/14/24 12:58		Mohan	OK
41	P4377-01	HD-01-100924	SAM	10/14/24 13:00		Mohan	OK
42	PB164117BL	PB164117BL	MB	10/14/24 13:02		Mohan	OK
43	PB164117BS	PB164117BS	LCS	10/14/24 13:05		Mohan	OK
44	P4375-01	CONCRETE-PADS-1	SAM	10/14/24 13:07		Mohan	OK
45	CCV16	CCV16	CCV	10/14/24 13:09		Mohan	OK
46	CCB16	CCB16	CCB	10/14/24 13:12		Mohan	OK
47	P4375-01DUP	CONCRETE-PADS-1	DUP	10/14/24 13:14		Mohan	OK
48	P4375-01MS	CONCRETE-PADS-1	MS	10/14/24 13:16		Mohan	OK
49	P4375-01MSD	CONCRETE-PADS-1	MSD	10/14/24 13:18		Mohan	OK
50	P4375-03	CONCRETE-PADS-2	SAM	10/14/24 13:21		Mohan	OK
51	P4375-05	CONCRETE-PADS-3	SAM	10/14/24 13:23		Mohan	OK
52	P4375-07	CONCRETE-PADS-4	SAM	10/14/24 13:25		Mohan	OK
53	P4375-09	CONCRETE-PADS-5	SAM	10/14/24 13:28		Mohan	OK
54	P4375-11	CONCRETE-PADS-6	SAM	10/14/24 13:30		Mohan	OK
55	P4375-13	CONCRETE-PADS-7	SAM	10/14/24 13:32		Mohan	OK
56	P4375-15	CONCRETE-PADS-8	SAM	10/14/24 13:34		Mohan	OK
57	CCV17	CCV17	CCV	10/14/24 13:37		Mohan	OK
58	CCB17	CCB17	CCB	10/14/24 13:39		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB132914

Review By	jaswal	Review On	10/14/2024 10:26:20 PM
Supervise By	mohan	Supervise On	10/14/2024 10:27:01 PM
STD. NAME	STD REF.#		
ICAL Standard	MP82765,MP82766,MP82767,MP82768,MP82769,MP82770		
ICV Standard	MP82771		
CCV Standard	MP82773		
ICSA Standard			
CRI Standard	MP82775		
LCS Standard			
Chk Standard	MP82772,MP82774,MP82776,MP82781		

59	P4375-17	CONCRETE-PADS-9	SAM	10/14/24 13:41		Mohan	OK
60	P4375-19	CONCRETE-PADS-10	SAM	10/14/24 13:43		Mohan	OK
61	P4375-21	CONCRETE-PADS-11	SAM	10/14/24 13:46		Mohan	OK
62	P4375-23	FENCE-POST-1	SAM	10/14/24 13:48		Mohan	OK
63	P4375-25	FENCE-POST-2	SAM	10/14/24 13:50		Mohan	OK
64	P4375-27	FENCE-POST-3	SAM	10/14/24 13:52		Mohan	OK
65	PB164118BL	PB164118BL	MB	10/14/24 13:55		Mohan	OK
66	PB164118BS	PB164118BS	LCS	10/14/24 13:57		Mohan	OK
67	P4385-02	SP-1	SAM	10/14/24 13:59		Mohan	OK
68	P4385-04	SP-2	SAM	10/14/24 14:02		Mohan	OK
69	CCV18	CCV18	CCV	10/14/24 14:04		Mohan	OK
70	CCB18	CCB18	CCB	10/14/24 14:06		Mohan	OK
71	P4385-06	SP-3	SAM	10/14/24 14:08		Mohan	OK
72	P4385-08	SP-4	SAM	10/14/24 14:11		Mohan	OK
73	P4385-10	SP-5	SAM	10/14/24 14:13		Mohan	OK
74	P4385-12	SP-6	SAM	10/14/24 14:15		Mohan	OK
75	P4385-14	SP-7	SAM	10/14/24 14:18		Mohan	OK
76	P4385-16	SP-8	SAM	10/14/24 14:20		Mohan	OK
77	P4385-18	SP-9	SAM	10/14/24 14:22		Mohan	OK
78	P4385-20	SP-10	SAM	10/14/24 14:24		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB132914

Review By	jaswal	Review On	10/14/2024 10:26:20 PM
Supervise By	mohan	Supervise On	10/14/2024 10:27:01 PM
STD. NAME	STD REF.#		
ICAL Standard	MP82765,MP82766,MP82767,MP82768,MP82769,MP82770		
ICV Standard	MP82771		
CCV Standard	MP82773		
ICSA Standard			
CRI Standard	MP82775		
LCS Standard			
Chk Standard	MP82772,MP82774,MP82776,MP82781		

79	P4385-20DUP	SP-10DUP	DUP	10/14/24 14:27		Mohan	OK
80	P4385-20MS	SP-10MS	MS	10/14/24 14:29		Mohan	OK
81	CCV19	CCV19	CCV	10/14/24 14:31		Mohan	OK
82	CCB19	CCB19	CCB	10/14/24 14:34		Mohan	OK
83	P4385-20MSD	SP-10MSD	MSD	10/14/24 14:36		Mohan	OK
84	P4393-01	BUST-DEBRIS	SAM	10/14/24 14:38		Mohan	OK
85	P4394-01	WASH-DEBRIS	SAM	10/14/24 14:41		Mohan	OK
86	P4395-01	F05308-SOLID	SAM	10/14/24 14:43		Mohan	OK
87	P4364-16L	SB-08-0.167-0.667L	SD	10/14/24 14:45		Mohan	OK
88	P4364-16A	SB-08-0.167-0.667A	PS	10/14/24 14:47		Mohan	OK
89	P4375-01L	CONCRETE-PADS-1L	SD	10/14/24 14:50		Mohan	OK
90	P4375-01A	CONCRETE-PADS-1A	PS	10/14/24 14:52		Mohan	OK
91	P4385-20L	SP-10L	SD	10/14/24 14:54		Mohan	OK
92	P4385-20A	SP-10A	PS	10/14/24 14:57		Mohan	OK
93	CCV20	CCV20	CCV	10/14/24 14:59		Mohan	OK
94	CCB20	CCB20	CCB	10/14/24 15:01		Mohan	OK
95	P4364-04DL	SB-02-0.167-0.667DL	SAM	10/14/24 15:04	Report 2X	Mohan	Confirms
96	P4364-05DL	SB-02-2.0-2.5DL	SAM	10/14/24 15:06	Report 2X	Mohan	Confirms
97	P4364-06DL	SB-02-4.5-5.0DL	SAM	10/14/24 15:08	Report 5X	Mohan	Confirms
98	P4364-07DL	SB-03-0.167-0.667DL	SAM	10/14/24 15:10	Report 2X	Mohan	Confirms

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB132914

Review By	jaswal	Review On	10/14/2024 10:26:20 PM
Supervise By	mohan	Supervise On	10/14/2024 10:27:01 PM
STD. NAME	STD REF.#		
ICAL Standard	MP82765,MP82766,MP82767,MP82768,MP82769,MP82770		
ICV Standard	MP82771		
CCV Standard	MP82773		
ICSA Standard			
CRI Standard	MP82775		
LCS Standard			
Chk Standard	MP82772,MP82774,MP82776,MP82781		

99	P4364-10DL	SB-04-0.167-0.667DL	SAM	10/14/24 15:13	Report 2X	Mohan	Confirms
100	CCV21	CCV21	CCV	10/14/24 15:15		Mohan	OK
101	CCB21	CCB21	CCB	10/14/24 15:17		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132927

Review By	jaswal	Review On	10/21/2024 1:52:41 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:36 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/14/24 13:40		Kareem	OK
2	S1	S1	CAL2	10/14/24 13:45		Kareem	OK
3	S2	S2	CAL3	10/14/24 13:49		Kareem	OK
4	S3	S3	CAL4	10/14/24 13:53		Kareem	OK
5	S4	S4	CAL5	10/14/24 13:57		Kareem	OK
6	S5	S5	CAL6	10/14/24 14:02		Kareem	OK
7	ICV01	ICV01	ICV	10/14/24 14:06		Kareem	OK
8	LLICV01	LLICV01	LLICV	10/14/24 14:18		Kareem	OK
9	ICB01	ICB01	ICB	10/14/24 14:23		Kareem	OK
10	CRI01	CRI01	CRDL	10/14/24 14:27		Kareem	OK
11	ICSA01	ICSA01	ICSA	10/14/24 14:32		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	10/14/24 14:39		Kareem	OK
13	CCV01	CCV01	CCV	10/14/24 14:43		Kareem	OK
14	CCB01	CCB01	CCB	10/14/24 14:47		Kareem	OK
15	LR1	LR1	HIGH STD	10/14/24 14:53		Kareem	OK
16	LR2	LR2	HIGH STD	10/14/24 14:58		Kareem	OK
17	P4258-03	Chamberlain Ave	SAM	10/14/24 15:05		Kareem	OK
18	CCV02	CCV02	CCV	10/14/24 15:09		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132927

Review By	jaswal	Review On	10/21/2024 1:52:41 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:36 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

19	CCB02	CCB02	CCB	10/14/24 15:13		Kareem	OK
20	P4354-01	291551	SAM	10/14/24 15:19		Kareem	OK
21	P4354-01DUP	291551DUP	DUP	10/14/24 15:24		Kareem	OK
22	P4354-01L	291551L	SD	10/14/24 15:28		Kareem	OK
23	P4354-01MS	291551MS	MS	10/14/24 15:32		Kareem	OK
24	P4354-01MSD	291551MSD	MSD	10/14/24 15:37		Kareem	OK
25	P4354-01A	291551A	PS	10/14/24 15:41		Kareem	OK
26	P4375-02	CONCRETE-PADS-1	SAM	10/14/24 15:54		Kareem	OK
27	P4375-04	CONCRETE-PADS-2	SAM	10/14/24 15:58		Kareem	OK
28	CCV03	CCV03	CCV	10/14/24 16:03		Kareem	OK
29	CCB03	CCB03	CCB	10/14/24 16:07		Kareem	OK
30	P4375-06	CONCRETE-PADS-3	SAM	10/14/24 16:21		Kareem	OK
31	P4375-08	CONCRETE-PADS-4	SAM	10/14/24 16:26		Kareem	OK
32	P4375-10	CONCRETE-PADS-5	SAM	10/14/24 16:30		Kareem	OK
33	P4375-12	CONCRETE-PADS-6	SAM	10/14/24 16:35		Kareem	OK
34	P4375-14	CONCRETE-PADS-7	SAM	10/14/24 16:39		Kareem	OK
35	P4375-16	CONCRETE-PADS-8	SAM	10/14/24 16:44		Kareem	OK
36	P4375-18	CONCRETE-PADS-9	SAM	10/14/24 16:48		Kareem	OK
37	P4375-20	CONCRETE-PADS-10	SAM	10/14/24 16:53		Kareem	OK
38	P4375-22	CONCRETE-PADS-11	SAM	10/14/24 16:57		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132927

Review By	jaswal	Review On	10/21/2024 1:52:41 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:36 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

39	P4375-24	FENCE-POST-1	SAM	10/14/24 17:02		Kareem	OK
40	CCV04	CCV04	CCV	10/14/24 17:06		Kareem	OK
41	CCB04	CCB04	CCB	10/14/24 17:11		Kareem	OK
42	P4375-26	FENCE-POST-2	SAM	10/14/24 17:15		Kareem	OK
43	P4375-28	FENCE-POST-3	SAM	10/14/24 17:21		Kareem	OK
44	P4375-28DUP	FENCE-POST-3DUP	DUP	10/14/24 17:26		Kareem	OK
45	P4375-28L	FENCE-POST-3L	SD	10/14/24 17:30		Kareem	OK
46	P4375-28MS	FENCE-POST-3MS	MS	10/14/24 17:34		Kareem	OK
47	P4375-28MSD	FENCE-POST-3MSD	MSD	10/14/24 17:39		Kareem	OK
48	P4375-28A	FENCE-POST-3A	PS	10/14/24 17:43		Kareem	OK
49	PB164021TB	PB164021TB	MB	10/14/24 17:47		Kareem	OK
50	PB164077BL	PB164077BL	MB	10/14/24 17:52		Kareem	OK
51	PB164077BS	PB164077BS	LCS	10/14/24 17:56		Kareem	OK
52	CCV05	CCV05	CCV	10/14/24 18:00		Kareem	OK
53	CCB05	CCB05	CCB	10/14/24 18:04		Kareem	OK
54	PB164010TB	PB164010TB	MB	10/14/24 18:08		Kareem	OK
55	P4393-01	BUST-DEBRIS	SAM	10/14/24 18:13		Kareem	OK
56	P4393-01DUP	BUST-DEBRISDUP	DUP	10/14/24 18:17		Kareem	OK
57	P4393-01L	BUST-DEBRISL	SD	10/14/24 18:22		Kareem	OK
58	P4393-01MS	BUST-DEBRISMS	MS	10/14/24 18:26		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132927

Review By	jaswal	Review On	10/21/2024 1:52:41 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:36 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

59	P4393-01MSD	BUST-DEBRISMSD	MSD	10/14/24 18:30		Kareem	OK
60	P4393-01A	BUST-DEBRISA	PS	10/14/24 18:34		Kareem	OK
61	P4394-01	WASH-DEBRIS	SAM	10/14/24 18:38		Kareem	OK
62	P4395-01	F05308-SOLID	SAM	10/14/24 18:42		Kareem	OK
63	PB164106BL	PB164106BL	MB	10/14/24 18:46		Kareem	OK
64	CCV06	CCV06	CCV	10/14/24 18:51		Kareem	OK
65	CCB06	CCB06	CCB	10/14/24 18:55		Kareem	OK
66	PB164106BS	PB164106BS	LCS	10/14/24 18:59		Kareem	OK
67	PB163999BL	PB163999BL	MB	10/14/24 19:03		Kareem	OK
68	PB163999BS	PB163999BS	LCS	10/14/24 19:07		Kareem	OK
69	CCV07	CCV07	CCV	10/14/24 19:11		Kareem	OK
70	CCB07	CCB07	CCB	10/14/24 19:15		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132951

Review By	jaswal	Review On	10/21/2024 1:52:32 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/15/24 10:42		Kareem	OK
2	S1	S1	CAL2	10/15/24 10:47		Kareem	OK
3	S2	S2	CAL3	10/15/24 10:51		Kareem	OK
4	S3	S3	CAL4	10/15/24 10:55		Kareem	OK
5	S4	S4	CAL5	10/15/24 10:59		Kareem	OK
6	S5	S5	CAL6	10/15/24 11:03		Kareem	OK
7	ICV01	ICV01	ICV	10/15/24 11:24		Kareem	OK
8	LLICV01	LLICV01	LLICV	10/15/24 11:37		Kareem	OK
9	ICB01	ICB01	ICB	10/15/24 11:41		Kareem	OK
10	CRI01	CRI01	CRDL	10/15/24 11:46		Kareem	OK
11	ICSA01	ICSA01	ICSA	10/15/24 11:50		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	10/15/24 12:03		Kareem	OK
13	ICSADL	ICSADL	ICSA	10/15/24 12:10		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	10/15/24 12:20		Kareem	OK
15	CCV01	CCV01	CCV	10/15/24 12:26		Kareem	OK
16	CCB01	CCB01	CCB	10/15/24 12:30		Kareem	OK
17	LR1	LR1	HIGH STD	10/15/24 12:34		Kareem	OK
18	LR2	LR2	HIGH STD	10/15/24 12:39		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132951

Review By	jaswal	Review On	10/21/2024 1:52:32 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

19	P4271-07DL	14B-(1-4)-COMPDL	SAM	10/15/24 12:52	NOT USE	Kareem	Not Ok
20	P4271-07DL2	14B-(1-4)-COMPDL2	SAM	10/15/24 13:02	10x for Mn	Kareem	Confirms
21	PB164065BS	PB164065BS	LCS	10/15/24 13:06		Kareem	OK
22	P4385-18	SP-9	SAM	10/15/24 13:10		Kareem	OK
23	P4385-20	SP-10	SAM	10/15/24 13:14	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
24	P4385-20DUP	SP-10DUP	DUP	10/15/24 13:18	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
25	CCV02	CCV02	CCV	10/15/24 13:23		Kareem	OK
26	CCB02	CCB02	CCB	10/15/24 13:27		Kareem	OK
27	P4385-20L	SP-10L	SD	10/15/24 13:31	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
28	P4385-20MS	SP-10MS	MS	10/15/24 13:35	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
29	P4385-20MSD	SP-10MSD	MSD	10/15/24 13:39	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
30	P4385-20A	SP-10A	PS	10/15/24 13:43	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
31	CCV03	CCV03	CCV	10/15/24 14:07		Kareem	OK
32	CCB03	CCB03	CCB	10/15/24 14:11		Kareem	OK
33	PB164065BL	PB164065BL	MB	10/15/24 14:26		Kareem	OK
34	P4382-01	DECON-DRUM	SAM	10/15/24 14:30		Kareem	OK
35	CCV04	CCV04	CCV	10/15/24 14:35		Kareem	OK
36	CCB04	CCB04	CCB	10/15/24 14:39		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132951

Review By	jaswal	Review On	10/21/2024 1:52:32 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

37	P4385-02	SP-1	SAM	10/15/24 14:43		Kareem	OK
38	P4385-04	SP-2	SAM	10/15/24 14:48		Kareem	OK
39	P4385-06	SP-3	SAM	10/15/24 14:52		Kareem	OK
40	P4385-08	SP-4	SAM	10/15/24 14:56		Kareem	OK
41	P4385-10	SP-5	SAM	10/15/24 15:01		Kareem	OK
42	P4385-12	SP-6	SAM	10/15/24 15:05		Kareem	OK
43	P4385-14	SP-7	SAM	10/15/24 15:09		Kareem	OK
44	P4385-16	SP-8	SAM	10/15/24 15:13		Kareem	OK
45	P4370-02	COMP	SAM	10/15/24 15:18		Kareem	OK
46	P4396-01	WASTE-WATER-FRA	SAM	10/15/24 15:22		Kareem	OK
47	CCV05	CCV05	CCV	10/15/24 15:26		Kareem	OK
48	CCB05	CCB05	CCB	10/15/24 15:30		Kareem	OK
49	P4396-01DUP	WASTE-WATER-FRA	DUP	10/15/24 15:35		Kareem	OK
50	P4396-01L	WASTE-WATER-FRA	SD	10/15/24 15:39		Kareem	OK
51	P4396-01MS	WASTE-WATER-FRA	MS	10/15/24 15:43		Kareem	OK
52	P4396-01MSD	WASTE-WATER-FRA	MSD	10/15/24 15:47		Kareem	OK
53	P4396-01A	WASTE-WATER-FRA	PS	10/15/24 15:51		Kareem	OK
54	PB164099BL	PB164099BL	MB	10/15/24 15:55		Kareem	OK
55	PB164099BS	PB164099BS	LCS	10/15/24 15:59		Kareem	OK
56	P4364-01	SB-01-1.0-1.5	SAM	10/15/24 16:03		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132951

Review By	jaswal	Review On	10/21/2024 1:52:32 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

57	P4364-02	SB-01-2.5-3.0	SAM	10/15/24 16:08		Kareem	OK
58	P4364-03	SB-01-4.25-4.83	SAM	10/15/24 16:13		Kareem	OK
59	CCV06	CCV06	CCV	10/15/24 16:17		Kareem	OK
60	CCB06	CCB06	CCB	10/15/24 16:21		Kareem	OK
61	P4400-01	NB-08-101424	SAM	10/15/24 16:26	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
62	P4400-01DUP	NB-08-101424DUP	DUP	10/15/24 16:30	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
63	P4400-01L	NB-08-101424L	SD	10/15/24 16:34	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
64	P4400-01MS	NB-08-101424MS	MS	10/15/24 16:39	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
65	P4400-01MSD	NB-08-101424MSD	MSD	10/15/24 16:43	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
66	P4400-01A	NB-08-101424A	PS	10/15/24 16:47	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
67	P4364-04	SB-02-0.167-0.667	SAM	10/15/24 16:52		Kareem	OK
68	P4364-05	SB-02-2.0-2.5	SAM	10/15/24 16:56		Kareem	OK
69	P4364-06	SB-02-4.5-5.0	SAM	10/15/24 17:01		Kareem	OK
70	P4364-07	SB-03-0.167-0.667	SAM	10/15/24 17:05		Kareem	OK
71	CCV07	CCV07	CCV	10/15/24 17:14		Kareem	OK
72	CCB07	CCB07	CCB	10/15/24 17:18		Kareem	OK
73	P4364-08	SB-03-2.0-2.5	SAM	10/15/24 17:23		Kareem	OK
74	P4364-09	SB-03-4.167-4.667	SAM	10/15/24 17:27		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB132951

Review By	jaswal	Review On	10/21/2024 1:52:32 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

75	P4364-10	SB-04-0.167-0.667	SAM	10/15/24 17:31		Kareem	OK
76	P4364-11	SB-04-2.0-2.5	SAM	10/15/24 17:36	Not used	Kareem	Not Ok
77	P4364-12	SB-04-4.5-5.0	SAM	10/15/24 17:41		Kareem	OK
78	P4364-13	SB-05-0.167-0.667	SAM	10/15/24 17:45	Ca high	Kareem	Dilution
79	CCV08	CCV08	CCV	10/15/24 17:49		Kareem	OK
80	CCB08	CCB08	CCB	10/15/24 17:53		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133014

Review By	jaswal	Review On	10/21/2024 1:53:28 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:16 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/18/24 12:03		Kareem	OK
2	S1	S1	CAL2	10/18/24 12:07		Kareem	OK
3	S2	S2	CAL3	10/18/24 12:12		Kareem	OK
4	S3	S3	CAL4	10/18/24 12:16		Kareem	OK
5	S4	S4	CAL5	10/18/24 12:20		Kareem	OK
6	S5	S5	CAL6	10/18/24 12:24		Kareem	OK
7	ICV01	ICV01	ICV	10/18/24 13:08	ICV fail for Al,Cr,Cu,Ag,Tl,Zn (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	10/18/24 13:13		Kareem	OK
9	ICB01	ICB01	ICB	10/18/24 13:23		Kareem	OK
10	CRI01	CRI01	CRDL	10/18/24 13:27		Kareem	OK
11	ICSA01	ICSA01	ICSA	10/18/24 13:32		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	10/18/24 13:56		Kareem	OK
13	CCV01	CCV01	CCV	10/18/24 14:00		Kareem	OK
14	CCB01	CCB01	CCB	10/18/24 14:05		Kareem	OK
15	P3846-05DL	PT-MIN2-WPDL	SAM	10/18/24 14:19	2x for Ca,Na	Kareem	Confirms
16	P3847-05DL	PT-MIN2-WPDL	SAM	10/18/24 14:49	2x for Ca,Na	Kareem	Confirms
17	CCV02	CCV02	CCV	10/18/24 14:53		Kareem	OK
18	CCB02	CCB02	CCB	10/18/24 14:57		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133014

Review By	jaswal	Review On	10/21/2024 1:53:28 AM
Supervise By	mohan	Supervise On	10/21/2024 1:54:16 AM
STD. NAME	STD REF.#		
ICAL Standard	MP82441,MP82476,MP82477,MP82478,MP82479,MP82484		
ICV Standard	MP82485		
CCV Standard	MP82488		
ICSA Standard	MP82486,MP82487		
CRI Standard	MP82484		
LCS Standard			
Chk Standard	MP82491,MP82492		

19	LR1	LR1	HIGH STD	10/18/24 15:02		Kareem	OK
20	LR2	LR2	HIGH STD	10/18/24 15:07		Kareem	OK
21	P4385-20	SP-10	SAM	10/18/24 15:11		Kareem	OK
22	P4385-20DUP	SP-10DUP	DUP	10/18/24 15:16		Kareem	OK
23	P4385-20L	SP-10L	SD	10/18/24 15:20		Kareem	OK
24	P4385-20MS	SP-10MS	MS	10/18/24 15:24		Kareem	OK
25	P4385-20MSD	SP-10MSD	MSD	10/18/24 15:28		Kareem	OK
26	P4385-20A	SP-10A	PS	10/18/24 15:32		Kareem	OK
27	CCV03	CCV03	CCV	10/18/24 16:05		Kareem	OK
28	CCB03	CCB03	CCB	10/18/24 16:39		Kareem	OK
29	P4405-01DL	MH-121DL	SAM	10/18/24 16:43	5x for Na	Kareem	Confirms
30	P4421-01	EO-02-101624	SAM	10/18/24 17:15	NOT USE	Kareem	Not Ok
31	P4422-01	EO-01-101624	SAM	10/18/24 17:19	NOT USE	Kareem	Not Ok
32	P4431-01	72-11934	SAM	10/18/24 17:23	NOT USE	Kareem	Not Ok
33	CCV04	CCV04	CCV	10/18/24 17:28	CCV fail for Fe,Mg,Mn	Kareem	OK
34	CCB04	CCB04	CCB	10/18/24 17:32		Kareem	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

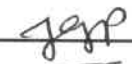
Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 10/11/2024 **Time :** 09:05 **Temp :** 95 °C

End Digest Date: 10/11/2024 **Time :** 11:15 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: 

Supervisor Signature: 

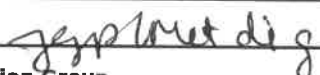
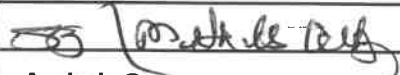
Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6000
LFS-2	1.00	M6009
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP81119
CONC: HNO3	5.00	M6083
30% H2O2	3.00	M5634
CONC: HCL	10.00	M6040
PTFE Boiling Stones	N/A	M5585
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

Hot Block # 3 Cell # 30 Temp: 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/11/24 11:30	 Preparation Group	 Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4258-03	CHAMBERLAIN AVE	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	1
P4385-02	SP-1	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	2
P4385-04	SP-2	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	3
P4385-06	SP-3	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	4
P4385-08	SP-4	N/A	2.32	100	Brown	Yellow	Medium	N/A	N/A	5
P4385-10	SP-5	N/A	2.31	100	Brown	Yellow	Medium	N/A	N/A	6
P4385-12	SP-6	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	7
P4385-14	SP-7	N/A	2.23	100	Brown	Yellow	Medium	N/A	N/A	8
P4385-16	SP-8	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	9
P4385-18	SP-9	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	10
P4385-20	SP-10	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	11
P4385-20MS	SP-10MS	N/A	2.11	100	Brown	Yellow	Medium	N/A	M6000,M6009	13
P4385-20MSD	SP-10MSD	N/A	2.31	100	Brown	Yellow	Medium	N/A	M6000,M6009	14
P4385-20DUP	SP-10DUP	N/A	2.31	100	Brown	Yellow	Medium	N/A	N/A	12
PB164065BL	PBS065	N/A	2.46	100	Colorless	Colorless	Fine	N/A	N/A	15
PB164065BS	LCS065	N/A	2.46	100	Colorless	Colorless	Fine	N/A	M6000,M6009	16

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/11/2024 Time : 13:30 Temp : 95 °C

End Digest Date: 10/11/2024 Time : 14:00 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP82771
CCV	30mL	MP82773
CRA	30mL	MP82775
Blank Spike	0.48mL	MP82764
Matrix Spike	0.48mL	MP82764

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP82777
KMnO ₄ (5%)	4.5mL	MP82652
Hydroxylamine HCL (12%)	2.0mL	MP82654
PTFE Boiling Stones	-----	M4583
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP82765
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP82766
2.5 ppb	S2.5	30mL	MP82767
5.0 ppb	S5.0	30mL	MP82768
7.5 ppb	S7.5	30mL	MP82769
10.0 ppb	S10.0	30mL	MP82770
ICV	ICV	30mL	MP82771
ICB	ICB	30mL	MP82772
CCV	CCV	30mL	MP82773
CCB	CCB	30mL	MP82774
CRI	CRI	30mL	MP82775
CHK STD	CHK STD	30mL	MP82776

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/11/24 @ 14:40	<i>MB - Dig. Lab</i>	<i>MB - Metal Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
P4258-03	CHAMBERLAIN AVE	0.54	35	NA	N/A	3-1
P4364-01	SB-01-1.0-1.5	0.57	35	NA	N/A	2
P4364-02	SB-01-2.5-3.0	0.52	35	NA	N/A	3
P4364-03	SB-01-4.25-4.83	0.52	35	NA	N/A	4
P4364-04	SB-02-0.167-0.667	0.58	35	NA	N/A	5
P4364-05	SB-02-2.0-2.5	0.53	35	NA	N/A	6
P4364-06	SB-02-4.5-5.0	0.56	35	NA	N/A	7
P4364-07	SB-03-0.167-0.667	0.60	35	NA	N/A	8
P4364-08	SB-03-2.0-2.5	0.50	35	NA	N/A	9
P4364-09	SB-03-4.167-4.667	0.58	35	NA	N/A	10
P4364-10	SB-04-0.167-0.667	0.54	35	NA	N/A	11
P4364-11	SB-04-2.0-2.5	0.56	35	NA	N/A	12
P4364-12	SB-04-4.5-5.0	0.53	35	NA	N/A	13
P4364-13	SB-05-0.167-0.667	0.52	35	NA	N/A	14
P4364-14	SB-06-0.167-0.667	0.53	35	NA	N/A	15
P4364-15	SB-07-0.167-0.667	0.52	35	NA	N/A	16
P4364-16	SB-08-0.167-0.667	0.54	35	NA	N/A	17
P4364-16DUP	SB-08-0.167-0.667DUP	0.56	35	NA	N/A	18
P4364-16MS	SB-08-0.167-0.667MS	0.59	35	NA	MP82764	19
P4364-16MSD	SB-08-0.167-0.667MSD	0.56	35	NA	MP82764	20
P4376-01	OR-02-100924	0.51	35	NA	N/A	21
P4377-01	HD-01-100924	0.60	35	NA	N/A	22
PB164114BL	PBS114	0.54	35	NA	N/A	23
PB164114BS	LCS114	0.52	35	NA	MP82764	24