

DATA PACKAGE

METALS

PROJECT NAME : NYPA-ZELTMANN POWER PLANT-HSRG 7B

CORE ENVIRONMENTAL CONSULTANTS AND SERVICES, INC.

22-48 119th Street

College Point, NY - 11356

Phone No: 7187864730

ORDER ID : Q3671

ATTENTION : Roland Scardino



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3671

Project ID : NYPA-Zeltmann Power plant-HSRG 7B

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number

Q3671-01

Client Sample Number

Zeltmann Power Plant HSRG 7B

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 11/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.

Project Name: NYPA-Zeltmann Power plant-HSRG 7B

Project # N/A

Order ID # Q3671

Test Name: Mercury, Metals ICP-TAL

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 10/14/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL. This data package contains results for Mercury, Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample Zeltmann Power Plant HSRG 7B was diluted due to high concentrations for Iron.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (ETGI-354MS) analysis met criteria for all compounds except for Antimony, Copper, Lead, Potassium and Silver due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (ETGI-354MSD) analysis met criteria for all compounds except for Antimony, Copper, Lead and Silver due to Chemical Interference during Digestion Process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The Post Digest Spike (ETGI-354A) analysis met criteria for all compounds except for Copper, Potassium and Silver due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

Silver parameter is Oversaturated for Sample Q3671 so, its Reported from its 5X Dilution.



I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3671

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MOHAMMAD AHMED

Date: 11/26/2025

LAB CHRONICLE

OrderID:	Q3671	OrderDate:	11/19/2025 10:33:00 AM
Client:	Core Environmental Consultants and Services, Inc.	Project:	NYPA-Zeltmann Power plant-HSRG 7B
Contact:	Roland Scardino	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL			10/14/25			10/14/25
			Metals ICP-TAL	6010D		11/20/25	11/20/25	
			Mercury	7471B		11/20/25	11/20/25	

Hit Summary Sheet SW-846

SDG No.: Q3671 **Order ID:** Q3671
Client: Core Environmental Consultants and Services, Inc. **Project ID:** NYPA-Zeltmann Power plant-HSRG 7B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Zeltmann Power Plant HSRG 7B								
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Aluminum	334		0.76	4.52	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Arsenic	14.4		0.17	0.91	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Barium	3.02	J	0.66	4.52	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Beryllium	3.09		0.023	0.27	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Cadmium	27.8		0.022	0.27	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Calcium	2140		10.0	90.5	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Chromium	269		0.043	0.45	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Cobalt	52.8		0.090	1.36	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Copper	275		0.20	0.91	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Iron	396000	D	18.1	22.6	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Lead	22.1		0.12	0.54	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Magnesium	100		10.9	90.5	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Manganese	932		0.13	0.91	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Mercury	0.018		0.0080	0.014	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Nickel	174		0.12	1.81	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Potassium	37.0	J	25.1	90.5	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Sodium	58.7	J	16.1	90.5	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Thallium	15.9		0.21	1.81	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Vanadium	57.2		0.23	1.81	mg/Kg
Q3671-01	Zeltmann Power Plant HSRG 7B	SOIL	Zinc	123		0.21	1.81	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/14/25
Project:	NYPA-Zeltmann Power plant-HSRG 7B	Date Received:	10/14/25
Client Sample ID:	Zeltmann Power Plant HSRG 7B	SDG No.:	Q3671
Lab Sample ID:	Q3671-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	334		1	0.76	4.52	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.26	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-38-2	Arsenic	14.4		1	0.17	0.91	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-39-3	Barium	3.02	J	1	0.66	4.52	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-41-7	Beryllium	3.09		1	0.023	0.27	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-43-9	Cadmium	27.8		1	0.022	0.27	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-70-2	Calcium	2140		1	10.0	90.5	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-47-3	Chromium	269		1	0.043	0.45	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-48-4	Cobalt	52.8		1	0.090	1.36	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-50-8	Copper	275	N	1	0.20	0.91	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7439-89-6	Iron	396000	D	5	18.1	22.6	mg/Kg	11/20/25 10:40	11/20/25 15:11	6010D	SW3050
7439-92-1	Lead	22.1	N	1	0.12	0.54	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7439-95-4	Magnesium	100		1	10.9	90.5	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7439-96-5	Manganese	932		1	0.13	0.91	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7439-97-6	Mercury	0.018		1	0.0080	0.014	mg/Kg	11/20/25 08:55	11/20/25 12:32	7471B	M7471B
7440-02-0	Nickel	174		1	0.12	1.81	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-09-7	Potassium	37.0	JN	1	25.1	90.5	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.91	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-22-4	Silver	0.54	UDN5		0.54	2.26	mg/Kg	11/20/25 10:40	11/20/25 15:11	6010D	SW3050
7440-23-5	Sodium	58.7	J	1	16.1	90.5	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-28-0	Thallium	15.9		1	0.21	1.81	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-62-2	Vanadium	57.2		1	0.23	1.81	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050
7440-66-6	Zinc	123		1	0.21	1.81	mg/Kg	11/20/25 10:40	11/20/25 15:07	6010D	SW3050

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



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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
ICV123	Mercury	4.22	4.0	105	90 - 110	CV	11/20/2025	12:11	LB137986

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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
CCV19	Mercury	4.65	5.0	93	90 - 110	CV	11/20/2025	12:16	LB137986
CCV20	Mercury	4.84	5.0	97	90 - 110	CV	11/20/2025	12:49	LB137986
CCV21	Mercury	5.49	5.0	110	90 - 110	CV	11/20/2025	13:06	LB137986

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	7830	8000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Antimony	4000	4000	100	90 - 110	P	11/20/2025	13:12	LB137997
	Arsenic	3890	4000	97	90 - 110	P	11/20/2025	13:12	LB137997
	Barium	7800	8000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Beryllium	198	200	99	90 - 110	P	11/20/2025	13:12	LB137997
	Cadmium	1930	2000	96	90 - 110	P	11/20/2025	13:12	LB137997
	Calcium	19500	20000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Chromium	807	800	101	90 - 110	P	11/20/2025	13:12	LB137997
	Cobalt	1940	2000	97	90 - 110	P	11/20/2025	13:12	LB137997
	Copper	1000	1000	100	90 - 110	P	11/20/2025	13:12	LB137997
	Iron	3970	4000	99	90 - 110	P	11/20/2025	13:12	LB137997
	Lead	3840	4000	96	90 - 110	P	11/20/2025	13:12	LB137997
	Magnesium	19400	20000	97	90 - 110	P	11/20/2025	13:12	LB137997
	Manganese	1950	2000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Nickel	1950	2000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Potassium	19600	20000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Selenium	3910	4000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Silver	1050	1000	105	90 - 110	P	11/20/2025	13:12	LB137997
	Sodium	18900	20000	94	90 - 110	P	11/20/2025	13:12	LB137997
	Thallium	3670	4000	92	90 - 110	P	11/20/2025	13:12	LB137997
	Vanadium	1950	2000	98	90 - 110	P	11/20/2025	13:12	LB137997
	Zinc	2000	2000	100	90 - 110	P	11/20/2025	13:12	LB137997

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	108	100	108	80 - 120	P	11/20/2025	13:17	LB137997
	Antimony	51.7	50.0	103	80 - 120	P	11/20/2025	13:17	LB137997
	Arsenic	20.1	20.0	100	80 - 120	P	11/20/2025	13:17	LB137997
	Barium	102	100	102	80 - 120	P	11/20/2025	13:17	LB137997
	Beryllium	6.38	6.0	106	80 - 120	P	11/20/2025	13:17	LB137997
	Cadmium	5.90	6.0	98	80 - 120	P	11/20/2025	13:17	LB137997
	Calcium	2070	2000	104	80 - 120	P	11/20/2025	13:17	LB137997
	Chromium	10.0	10.0	100	80 - 120	P	11/20/2025	13:17	LB137997
	Cobalt	29.8	30.0	99	80 - 120	P	11/20/2025	13:17	LB137997
	Copper	22.3	20.0	111	80 - 120	P	11/20/2025	13:17	LB137997
	Iron	109	100	109	80 - 120	P	11/20/2025	13:17	LB137997
	Lead	11.0	12.0	92	80 - 120	P	11/20/2025	13:17	LB137997
	Magnesium	2120	2000	106	80 - 120	P	11/20/2025	13:17	LB137997
	Manganese	21.3	20.0	106	80 - 120	P	11/20/2025	13:17	LB137997
	Nickel	40.9	40.0	102	80 - 120	P	11/20/2025	13:17	LB137997
	Potassium	1930	2000	97	80 - 120	P	11/20/2025	13:17	LB137997
	Selenium	17.1	20.0	86	80 - 120	P	11/20/2025	13:17	LB137997
	Silver	10.3	10.0	103	80 - 120	P	11/20/2025	13:17	LB137997
	Sodium	1900	2000	95	80 - 120	P	11/20/2025	13:17	LB137997
	Thallium	39.0	40.0	97	80 - 120	P	11/20/2025	13:17	LB137997
	Vanadium	42.3	40.0	106	80 - 120	P	11/20/2025	13:17	LB137997
	Zinc	43.0	40.0	108	80 - 120	P	11/20/2025	13:17	LB137997

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	9670	10000	97	90 - 110	P	11/20/2025	13:56	LB137997
	Antimony	4770	5000	95	90 - 110	P	11/20/2025	13:56	LB137997
	Arsenic	4730	5000	94	90 - 110	P	11/20/2025	13:56	LB137997
	Barium	9580	10000	96	90 - 110	P	11/20/2025	13:56	LB137997
	Beryllium	239	250	95	90 - 110	P	11/20/2025	13:56	LB137997
	Cadmium	2340	2500	94	90 - 110	P	11/20/2025	13:56	LB137997
	Calcium	24000	25000	96	90 - 110	P	11/20/2025	13:56	LB137997
	Chromium	954	1000	95	90 - 110	P	11/20/2025	13:56	LB137997
	Cobalt	2350	2500	94	90 - 110	P	11/20/2025	13:56	LB137997
	Copper	1200	1250	96	90 - 110	P	11/20/2025	13:56	LB137997
	Iron	4750	5000	95	90 - 110	P	11/20/2025	13:56	LB137997
	Lead	4710	5000	94	90 - 110	P	11/20/2025	13:56	LB137997
	Magnesium	23800	25000	95	90 - 110	P	11/20/2025	13:56	LB137997
	Manganese	2410	2500	96	90 - 110	P	11/20/2025	13:56	LB137997
	Nickel	2360	2500	94	90 - 110	P	11/20/2025	13:56	LB137997
	Potassium	23800	25000	95	90 - 110	P	11/20/2025	13:56	LB137997
	Selenium	4710	5000	94	90 - 110	P	11/20/2025	13:56	LB137997
	Silver	1190	1250	95	90 - 110	P	11/20/2025	13:56	LB137997
	Sodium	23900	25000	96	90 - 110	P	11/20/2025	13:56	LB137997
	Thallium	5070	5000	102	90 - 110	P	11/20/2025	13:56	LB137997
	Vanadium	2410	2500	96	90 - 110	P	11/20/2025	13:56	LB137997
	Zinc	2400	2500	96	90 - 110	P	11/20/2025	13:56	LB137997
CCV02	Aluminum	10400	10000	104	90 - 110	P	11/20/2025	15:42	LB137997
	Antimony	5290	5000	106	90 - 110	P	11/20/2025	15:42	LB137997
	Arsenic	5290	5000	106	90 - 110	P	11/20/2025	15:42	LB137997
	Barium	10300	10000	103	90 - 110	P	11/20/2025	15:42	LB137997
	Beryllium	252	250	101	90 - 110	P	11/20/2025	15:42	LB137997
	Cadmium	2570	2500	103	90 - 110	P	11/20/2025	15:42	LB137997
	Calcium	25800	25000	103	90 - 110	P	11/20/2025	15:42	LB137997
	Chromium	1080	1000	108	90 - 110	P	11/20/2025	15:42	LB137997
	Cobalt	2570	2500	103	90 - 110	P	11/20/2025	15:42	LB137997
	Copper	1320	1250	106	90 - 110	P	11/20/2025	15:42	LB137997
	Iron	5480	5000	110	90 - 110	P	11/20/2025	15:42	LB137997
	Lead	5180	5000	104	90 - 110	P	11/20/2025	15:42	LB137997

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	25400	25000	102	90 - 110	P	11/20/2025	15:42	LB137997
	Manganese	2560	2500	102	90 - 110	P	11/20/2025	15:42	LB137997
	Nickel	2590	2500	104	90 - 110	P	11/20/2025	15:42	LB137997
	Potassium	26800	25000	107	90 - 110	P	11/20/2025	15:42	LB137997
	Selenium	5320	5000	106	90 - 110	P	11/20/2025	15:42	LB137997
	Silver	1340	1250	108	90 - 110	P	11/20/2025	15:42	LB137997
	Sodium	25900	25000	104	90 - 110	P	11/20/2025	15:42	LB137997
	Thallium	5310	5000	106	90 - 110	P	11/20/2025	15:42	LB137997
	Vanadium	2590	2500	104	90 - 110	P	11/20/2025	15:42	LB137997
	Zinc	2720	2500	109	90 - 110	P	11/20/2025	15:42	LB137997

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	7720	8000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Antimony	3950	4000	99	90 - 110	P	11/21/2025	13:00	LB138017
	Arsenic	3900	4000	98	90 - 110	P	11/21/2025	13:00	LB138017
	Barium	7690	8000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Beryllium	196	200	98	90 - 110	P	11/21/2025	13:00	LB138017
	Cadmium	1930	2000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Calcium	19300	20000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Chromium	791	800	99	90 - 110	P	11/21/2025	13:00	LB138017
	Cobalt	1920	2000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Copper	990	1000	99	90 - 110	P	11/21/2025	13:00	LB138017
	Iron	3840	4000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Lead	3800	4000	95	90 - 110	P	11/21/2025	13:00	LB138017
	Magnesium	19200	20000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Manganese	1920	2000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Nickel	1930	2000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Potassium	19000	20000	95	90 - 110	P	11/21/2025	13:00	LB138017
	Selenium	3970	4000	99	90 - 110	P	11/21/2025	13:00	LB138017
	Silver	966	1000	97	90 - 110	P	11/21/2025	13:00	LB138017
	Sodium	18600	20000	93	90 - 110	P	11/21/2025	13:00	LB138017
	Thallium	3720	4000	93	90 - 110	P	11/21/2025	13:00	LB138017
	Vanadium	1920	2000	96	90 - 110	P	11/21/2025	13:00	LB138017
	Zinc	1980	2000	99	90 - 110	P	11/21/2025	13:00	LB138017

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	116	100	116	80 - 120	P	11/21/2025	13:09	LB138017
	Antimony	52.8	50.0	106	80 - 120	P	11/21/2025	13:09	LB138017
	Arsenic	21.2	20.0	106	80 - 120	P	11/21/2025	13:09	LB138017
	Barium	101	100	101	80 - 120	P	11/21/2025	13:09	LB138017
	Beryllium	6.64	6.0	111	80 - 120	P	11/21/2025	13:09	LB138017
	Cadmium	6.27	6.0	104	80 - 120	P	11/21/2025	13:09	LB138017
	Calcium	2120	2000	106	80 - 120	P	11/21/2025	13:09	LB138017
	Chromium	10.4	10.0	104	80 - 120	P	11/21/2025	13:09	LB138017
	Cobalt	31.0	30.0	103	80 - 120	P	11/21/2025	13:09	LB138017
	Copper	22.4	20.0	112	80 - 120	P	11/21/2025	13:09	LB138017
	Iron	101	100	101	80 - 120	P	11/21/2025	13:09	LB138017
	Lead	11.8	12.0	98	80 - 120	P	11/21/2025	13:09	LB138017
	Magnesium	2190	2000	109	80 - 120	P	11/21/2025	13:09	LB138017
	Manganese	21.0	20.0	105	80 - 120	P	11/21/2025	13:09	LB138017
	Nickel	42.3	40.0	106	80 - 120	P	11/21/2025	13:09	LB138017
	Potassium	1990	2000	99	80 - 120	P	11/21/2025	13:09	LB138017
	Selenium	21.5	20.0	108	80 - 120	P	11/21/2025	13:09	LB138017
	Silver	11.3	10.0	113	80 - 120	P	11/21/2025	13:09	LB138017
	Sodium	1910	2000	95	80 - 120	P	11/21/2025	13:09	LB138017
	Thallium	42.3	40.0	106	80 - 120	P	11/21/2025	13:09	LB138017
	Vanadium	40.2	40.0	100	80 - 120	P	11/21/2025	13:09	LB138017
	Zinc	44.2	40.0	110	80 - 120	P	11/21/2025	13:09	LB138017

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	10100	10000	101	90 - 110	P	11/21/2025	13:44	LB138017
	Antimony	5010	5000	100	90 - 110	P	11/21/2025	13:44	LB138017
	Arsenic	4950	5000	99	90 - 110	P	11/21/2025	13:44	LB138017
	Barium	10200	10000	102	90 - 110	P	11/21/2025	13:44	LB138017
	Beryllium	255	250	102	90 - 110	P	11/21/2025	13:44	LB138017
	Cadmium	2460	2500	98	90 - 110	P	11/21/2025	13:44	LB138017
	Calcium	25300	25000	101	90 - 110	P	11/21/2025	13:44	LB138017
	Chromium	1010	1000	101	90 - 110	P	11/21/2025	13:44	LB138017
	Cobalt	2480	2500	99	90 - 110	P	11/21/2025	13:44	LB138017
	Copper	1260	1250	101	90 - 110	P	11/21/2025	13:44	LB138017
	Iron	5020	5000	100	90 - 110	P	11/21/2025	13:44	LB138017
	Lead	4950	5000	99	90 - 110	P	11/21/2025	13:44	LB138017
	Magnesium	25000	25000	100	90 - 110	P	11/21/2025	13:44	LB138017
	Manganese	2540	2500	102	90 - 110	P	11/21/2025	13:44	LB138017
	Nickel	2480	2500	99	90 - 110	P	11/21/2025	13:44	LB138017
	Potassium	25000	25000	100	90 - 110	P	11/21/2025	13:44	LB138017
	Selenium	4890	5000	98	90 - 110	P	11/21/2025	13:44	LB138017
	Silver	1260	1250	101	90 - 110	P	11/21/2025	13:44	LB138017
	Sodium	25300	25000	101	90 - 110	P	11/21/2025	13:44	LB138017
	Thallium	4800	5000	96	90 - 110	P	11/21/2025	13:44	LB138017
	Vanadium	2510	2500	100	90 - 110	P	11/21/2025	13:44	LB138017
	Zinc	2520	2500	101	90 - 110	P	11/21/2025	13:44	LB138017
CCV02	Aluminum	9700	10000	97	90 - 110	P	11/21/2025	14:48	LB138017
	Antimony	4890	5000	98	90 - 110	P	11/21/2025	14:48	LB138017
	Arsenic	4810	5000	96	90 - 110	P	11/21/2025	14:48	LB138017
	Barium	9470	10000	95	90 - 110	P	11/21/2025	14:48	LB138017
	Beryllium	243	250	97	90 - 110	P	11/21/2025	14:48	LB138017
	Cadmium	2390	2500	96	90 - 110	P	11/21/2025	14:48	LB138017
	Calcium	23900	25000	96	90 - 110	P	11/21/2025	14:48	LB138017
	Chromium	978	1000	98	90 - 110	P	11/21/2025	14:48	LB138017
	Cobalt	2400	2500	96	90 - 110	P	11/21/2025	14:48	LB138017
	Copper	1220	1250	98	90 - 110	P	11/21/2025	14:48	LB138017
	Iron	4800	5000	96	90 - 110	P	11/21/2025	14:48	LB138017
	Lead	4790	5000	96	90 - 110	P	11/21/2025	14:48	LB138017

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	23900	25000	96	90 - 110	P	11/21/2025	14:48	LB138017
	Manganese	2370	2500	95	90 - 110	P	11/21/2025	14:48	LB138017
	Nickel	2400	2500	96	90 - 110	P	11/21/2025	14:48	LB138017
	Potassium	23500	25000	94	90 - 110	P	11/21/2025	14:48	LB138017
	Selenium	4850	5000	97	90 - 110	P	11/21/2025	14:48	LB138017
	Silver	1210	1250	97	90 - 110	P	11/21/2025	14:48	LB138017
	Sodium	25100	25000	100	90 - 110	P	11/21/2025	14:48	LB138017
	Thallium	4770	5000	95	90 - 110	P	11/21/2025	14:48	LB138017
	Vanadium	2400	2500	96	90 - 110	P	11/21/2025	14:48	LB138017
	Zinc	2440	2500	98	90 - 110	P	11/21/2025	14:48	LB138017
CCV03	Aluminum	9700	10000	97	90 - 110	P	11/21/2025	15:38	LB138017
	Antimony	4900	5000	98	90 - 110	P	11/21/2025	15:38	LB138017
	Arsenic	4850	5000	97	90 - 110	P	11/21/2025	15:38	LB138017
	Barium	9550	10000	96	90 - 110	P	11/21/2025	15:38	LB138017
	Beryllium	245	250	98	90 - 110	P	11/21/2025	15:38	LB138017
	Cadmium	2390	2500	96	90 - 110	P	11/21/2025	15:38	LB138017
	Calcium	24000	25000	96	90 - 110	P	11/21/2025	15:38	LB138017
	Chromium	976	1000	98	90 - 110	P	11/21/2025	15:38	LB138017
	Cobalt	2400	2500	96	90 - 110	P	11/21/2025	15:38	LB138017
	Copper	1220	1250	98	90 - 110	P	11/21/2025	15:38	LB138017
	Iron	4870	5000	98	90 - 110	P	11/21/2025	15:38	LB138017
	Lead	4800	5000	96	90 - 110	P	11/21/2025	15:38	LB138017
	Magnesium	24000	25000	96	90 - 110	P	11/21/2025	15:38	LB138017
	Manganese	2400	2500	96	90 - 110	P	11/21/2025	15:38	LB138017
	Nickel	2400	2500	96	90 - 110	P	11/21/2025	15:38	LB138017
	Potassium	24000	25000	96	90 - 110	P	11/21/2025	15:38	LB138017
	Selenium	4900	5000	98	90 - 110	P	11/21/2025	15:38	LB138017
	Silver	1230	1250	98	90 - 110	P	11/21/2025	15:38	LB138017
	Sodium	26200	25000	105	90 - 110	P	11/21/2025	15:38	LB138017
	Thallium	4890	5000	98	90 - 110	P	11/21/2025	15:38	LB138017
	Vanadium	2410	2500	96	90 - 110	P	11/21/2025	15:38	LB138017
	Zinc	2470	2500	99	90 - 110	P	11/21/2025	15:38	LB138017
CCV04	Aluminum	9780	10000	98	90 - 110	P	11/21/2025	16:28	LB138017
	Antimony	4890	5000	98	90 - 110	P	11/21/2025	16:28	LB138017

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In
Contract: CORE02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3671
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4820	5000	96	90 - 110	P	11/21/2025	16:28	LB138017
	Barium	9880	10000	99	90 - 110	P	11/21/2025	16:28	LB138017
	Beryllium	241	250	96	90 - 110	P	11/21/2025	16:28	LB138017
	Cadmium	2400	2500	96	90 - 110	P	11/21/2025	16:28	LB138017
	Calcium	24400	25000	98	90 - 110	P	11/21/2025	16:28	LB138017
	Chromium	970	1000	97	90 - 110	P	11/21/2025	16:28	LB138017
	Cobalt	2400	2500	96	90 - 110	P	11/21/2025	16:28	LB138017
	Copper	1220	1250	98	90 - 110	P	11/21/2025	16:28	LB138017
	Iron	4860	5000	97	90 - 110	P	11/21/2025	16:28	LB138017
	Lead	4790	5000	96	90 - 110	P	11/21/2025	16:28	LB138017
	Magnesium	24200	25000	97	90 - 110	P	11/21/2025	16:28	LB138017
	Manganese	2440	2500	98	90 - 110	P	11/21/2025	16:28	LB138017
	Nickel	2410	2500	96	90 - 110	P	11/21/2025	16:28	LB138017
	Potassium	24000	25000	96	90 - 110	P	11/21/2025	16:28	LB138017
	Selenium	4870	5000	98	90 - 110	P	11/21/2025	16:28	LB138017
	Silver	1200	1250	96	90 - 110	P	11/21/2025	16:28	LB138017
	Sodium	26900	25000	108	90 - 110	P	11/21/2025	16:28	LB138017
	Thallium	4740	5000	95	90 - 110	P	11/21/2025	16:28	LB138017
	Vanadium	2440	2500	97	90 - 110	P	11/21/2025	16:28	LB138017
	Zinc	2440	2500	98	90 - 110	P	11/21/2025	16:28	LB138017
CCV05	Aluminum	9710	10000	97	90 - 110	P	11/21/2025	17:50	LB138017
	Antimony	4950	5000	99	90 - 110	P	11/21/2025	17:50	LB138017
	Arsenic	4880	5000	98	90 - 110	P	11/21/2025	17:50	LB138017
	Barium	9610	10000	96	90 - 110	P	11/21/2025	17:50	LB138017
	Beryllium	244	250	98	90 - 110	P	11/21/2025	17:50	LB138017
	Cadmium	2400	2500	96	90 - 110	P	11/21/2025	17:50	LB138017
	Calcium	24100	25000	96	90 - 110	P	11/21/2025	17:50	LB138017
	Chromium	974	1000	97	90 - 110	P	11/21/2025	17:50	LB138017
	Cobalt	2410	2500	96	90 - 110	P	11/21/2025	17:50	LB138017
	Copper	1230	1250	98	90 - 110	P	11/21/2025	17:50	LB138017
	Iron	4860	5000	97	90 - 110	P	11/21/2025	17:50	LB138017
	Lead	4830	5000	97	90 - 110	P	11/21/2025	17:50	LB138017
	Magnesium	24000	25000	96	90 - 110	P	11/21/2025	17:50	LB138017
	Manganese	2400	2500	96	90 - 110	P	11/21/2025	17:50	LB138017

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	2410	2500	96	90 - 110	P	11/21/2025	17:50	LB138017
	Potassium	23900	25000	96	90 - 110	P	11/21/2025	17:50	LB138017
	Selenium	4940	5000	99	90 - 110	P	11/21/2025	17:50	LB138017
	Silver	1220	1250	98	90 - 110	P	11/21/2025	17:50	LB138017
	Sodium	26300	25000	105	90 - 110	P	11/21/2025	17:50	LB138017
	Thallium	4810	5000	96	90 - 110	P	11/21/2025	17:50	LB138017
	Vanadium	2410	2500	96	90 - 110	P	11/21/2025	17:50	LB138017
	Zinc	2420	2500	97	90 - 110	P	11/21/2025	17:50	LB138017
CCV06	Aluminum	9690	10000	97	90 - 110	P	11/21/2025	18:41	LB138017
	Antimony	4930	5000	99	90 - 110	P	11/21/2025	18:41	LB138017
	Arsenic	4840	5000	97	90 - 110	P	11/21/2025	18:41	LB138017
	Barium	9750	10000	98	90 - 110	P	11/21/2025	18:41	LB138017
	Beryllium	236	250	94	90 - 110	P	11/21/2025	18:41	LB138017
	Cadmium	2380	2500	95	90 - 110	P	11/21/2025	18:41	LB138017
	Calcium	24100	25000	96	90 - 110	P	11/21/2025	18:41	LB138017
	Chromium	966	1000	97	90 - 110	P	11/21/2025	18:41	LB138017
	Cobalt	2390	2500	96	90 - 110	P	11/21/2025	18:41	LB138017
	Copper	1220	1250	98	90 - 110	P	11/21/2025	18:41	LB138017
	Iron	4950	5000	99	90 - 110	P	11/21/2025	18:41	LB138017
	Lead	4780	5000	96	90 - 110	P	11/21/2025	18:41	LB138017
	Magnesium	23700	25000	95	90 - 110	P	11/21/2025	18:41	LB138017
	Manganese	2400	2500	96	90 - 110	P	11/21/2025	18:41	LB138017
	Nickel	2390	2500	96	90 - 110	P	11/21/2025	18:41	LB138017
	Potassium	24200	25000	97	90 - 110	P	11/21/2025	18:41	LB138017
	Selenium	4930	5000	98	90 - 110	P	11/21/2025	18:41	LB138017
	Silver	1210	1250	96	90 - 110	P	11/21/2025	18:41	LB138017
	Sodium	27000	25000	108	90 - 110	P	11/21/2025	18:41	LB138017
	Thallium	4840	5000	97	90 - 110	P	11/21/2025	18:41	LB138017
	Vanadium	2410	2500	97	90 - 110	P	11/21/2025	18:41	LB138017
	Zinc	2420	2500	97	90 - 110	P	11/21/2025	18:41	LB138017
CCV07	Aluminum	9720	10000	97	90 - 110	P	11/21/2025	19:31	LB138017
	Antimony	4950	5000	99	90 - 110	P	11/21/2025	19:31	LB138017
	Arsenic	4870	5000	97	90 - 110	P	11/21/2025	19:31	LB138017
	Barium	9810	10000	98	90 - 110	P	11/21/2025	19:31	LB138017

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	235	250	94	90 - 110	P	11/21/2025	19:31	LB138017
	Cadmium	2370	2500	95	90 - 110	P	11/21/2025	19:31	LB138017
	Calcium	24100	25000	96	90 - 110	P	11/21/2025	19:31	LB138017
	Chromium	956	1000	96	90 - 110	P	11/21/2025	19:31	LB138017
	Cobalt	2380	2500	95	90 - 110	P	11/21/2025	19:31	LB138017
	Copper	1220	1250	98	90 - 110	P	11/21/2025	19:31	LB138017
	Iron	4950	5000	99	90 - 110	P	11/21/2025	19:31	LB138017
	Lead	4770	5000	96	90 - 110	P	11/21/2025	19:31	LB138017
	Magnesium	23900	25000	95	90 - 110	P	11/21/2025	19:31	LB138017
	Manganese	2420	2500	97	90 - 110	P	11/21/2025	19:31	LB138017
	Nickel	2380	2500	95	90 - 110	P	11/21/2025	19:31	LB138017
	Potassium	24300	25000	97	90 - 110	P	11/21/2025	19:31	LB138017
	Selenium	4950	5000	99	90 - 110	P	11/21/2025	19:31	LB138017
	Silver	1210	1250	96	90 - 110	P	11/21/2025	19:31	LB138017
	Sodium	25600	25000	102	90 - 110	P	11/21/2025	19:31	LB138017
	Thallium	4770	5000	96	90 - 110	P	11/21/2025	19:31	LB138017
	Vanadium	2420	2500	97	90 - 110	P	11/21/2025	19:31	LB138017
	Zinc	2430	2500	97	90 - 110	P	11/21/2025	19:31	LB138017

Metals

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CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	0.17	0.2	86	70 - 130	CV	11/20/2025	12:20	LB137986
CRI01	Aluminum	126	100	126	65 - 135	P	11/20/2025	13:26	LB137997
	Antimony	48.3	50.0	97	65 - 135	P	11/20/2025	13:26	LB137997
	Arsenic	20.8	20.0	104	65 - 135	P	11/20/2025	13:26	LB137997
	Barium	98.7	100	99	65 - 135	P	11/20/2025	13:26	LB137997
	Beryllium	6.35	6.0	106	65 - 135	P	11/20/2025	13:26	LB137997
	Cadmium	5.95	6.0	99	65 - 135	P	11/20/2025	13:26	LB137997
	Calcium	2070	2000	103	65 - 135	P	11/20/2025	13:26	LB137997
	Chromium	10.1	10.0	101	65 - 135	P	11/20/2025	13:26	LB137997
	Cobalt	29.8	30.0	100	65 - 135	P	11/20/2025	13:26	LB137997
	Copper	22.3	20.0	112	65 - 135	P	11/20/2025	13:26	LB137997
	Iron	113	100	113	65 - 135	P	11/20/2025	13:26	LB137997
	Lead	11.7	12.0	98	65 - 135	P	11/20/2025	13:26	LB137997
	Magnesium	2110	2000	105	65 - 135	P	11/20/2025	13:26	LB137997
	Manganese	21.3	20.0	106	65 - 135	P	11/20/2025	13:26	LB137997
	Nickel	41.4	40.0	103	65 - 135	P	11/20/2025	13:26	LB137997
	Potassium	1900	2000	95	65 - 135	P	11/20/2025	13:26	LB137997
	Selenium	21.8	20.0	109	65 - 135	P	11/20/2025	13:26	LB137997
	Silver	11.0	10.0	110	65 - 135	P	11/20/2025	13:26	LB137997
	Sodium	1800	2000	90	65 - 135	P	11/20/2025	13:26	LB137997
	Thallium	37.8	40.0	94	65 - 135	P	11/20/2025	13:26	LB137997
	Vanadium	44.0	40.0	110	65 - 135	P	11/20/2025	13:26	LB137997
	Zinc	43.1	40.0	108	65 - 135	P	11/20/2025	13:26	LB137997
CRI01	Aluminum	117	100	117	65 - 135	P	11/21/2025	13:17	LB138017
	Antimony	51.9	50.0	104	65 - 135	P	11/21/2025	13:17	LB138017
	Arsenic	21.1	20.0	105	65 - 135	P	11/21/2025	13:17	LB138017
	Barium	104	100	104	65 - 135	P	11/21/2025	13:17	LB138017
	Beryllium	6.44	6.0	107	65 - 135	P	11/21/2025	13:17	LB138017
	Cadmium	5.98	6.0	100	65 - 135	P	11/21/2025	13:17	LB138017
	Calcium	2080	2000	104	65 - 135	P	11/21/2025	13:17	LB138017
	Chromium	9.83	10.0	98	65 - 135	P	11/21/2025	13:17	LB138017
	Cobalt	29.6	30.0	98	65 - 135	P	11/21/2025	13:17	LB138017
	Copper	21.8	20.0	109	65 - 135	P	11/21/2025	13:17	LB138017
	Iron	97.1	100	97	65 - 135	P	11/21/2025	13:17	LB138017
	Lead	11.6	12.0	97	65 - 135	P	11/21/2025	13:17	LB138017

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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	2180	2000	109	65 - 135	P	11/21/2025	13:17	LB138017
	Manganese	21.7	20.0	108	65 - 135	P	11/21/2025	13:17	LB138017
	Nickel	40.1	40.0	100	65 - 135	P	11/21/2025	13:17	LB138017
	Potassium	1900	2000	95	65 - 135	P	11/21/2025	13:17	LB138017
	Selenium	19.2	20.0	96	65 - 135	P	11/21/2025	13:17	LB138017
	Silver	10.6	10.0	106	65 - 135	P	11/21/2025	13:17	LB138017
	Sodium	1900	2000	95	65 - 135	P	11/21/2025	13:17	LB138017
	Thallium	33.4	40.0	84	65 - 135	P	11/21/2025	13:17	LB138017
	Vanadium	42.2	40.0	106	65 - 135	P	11/21/2025	13:17	LB138017
	Zinc	42.3	40.0	106	65 - 135	P	11/21/2025	13:17	LB138017



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB123	Mercury	0.076	+/-0.2	U	0.20	CV	11/20/2025	12:13	LB137986

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB19	Mercury	0.076	+/-0.2	U	0.20	CV	11/20/2025	12:18	LB137986
CCB20	Mercury	0.076	+/-0.2	U	0.20	CV	11/20/2025	12:51	LB137986
CCB21	Mercury	0.076	+/-0.2	U	0.20	CV	11/20/2025	13:08	LB137986

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/20/2025	13:21	LB137997
	Antimony	6.76	+/-25	U	50.0	P	11/20/2025	13:21	LB137997
	Arsenic	5.12	+/-10	U	20.0	P	11/20/2025	13:21	LB137997
	Barium	14.6	+/-50	U	100	P	11/20/2025	13:21	LB137997
	Beryllium	0.56	+/-3	U	6.00	P	11/20/2025	13:21	LB137997
	Cadmium	0.50	+/-3	U	6.00	P	11/20/2025	13:21	LB137997
	Calcium	234	+/-1000	U	2000	P	11/20/2025	13:21	LB137997
	Chromium	2.12	+/-5	U	10.0	P	11/20/2025	13:21	LB137997
	Cobalt	2.26	+/-15	U	30.0	P	11/20/2025	13:21	LB137997
	Copper	4.60	+/-10	U	20.0	P	11/20/2025	13:21	LB137997
	Iron	23.4	+/-50	U	100	P	11/20/2025	13:21	LB137997
	Lead	2.30	+/-6	U	12.0	P	11/20/2025	13:21	LB137997
	Magnesium	244	+/-1000	U	2000	P	11/20/2025	13:21	LB137997
	Manganese	5.94	+/-10	U	20.0	P	11/20/2025	13:21	LB137997
	Nickel	3.06	+/-20	U	40.0	P	11/20/2025	13:21	LB137997
	Potassium	918	+/-1000	U	2000	P	11/20/2025	13:21	LB137997
	Selenium	9.64	+/-10	U	20.0	P	11/20/2025	13:21	LB137997
	Silver	1.62	+/-5	U	10.0	P	11/20/2025	13:21	LB137997
	Sodium	868	+/-1000	U	2000	P	11/20/2025	13:21	LB137997
	Thallium	4.38	+/-20	U	40.0	P	11/20/2025	13:21	LB137997
	Vanadium	6.26	+/-20	U	40.0	P	11/20/2025	13:21	LB137997
	Zinc	16.7	+/-20	U	40.0	P	11/20/2025	13:21	LB137997

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/20/2025	14:01	LB137997
	Antimony	6.76	+/-25	U	50.0	P	11/20/2025	14:01	LB137997
	Arsenic	5.12	+/-10	U	20.0	P	11/20/2025	14:01	LB137997
	Barium	14.6	+/-50	U	100	P	11/20/2025	14:01	LB137997
	Beryllium	0.56	+/-3	U	6.00	P	11/20/2025	14:01	LB137997
	Cadmium	0.50	+/-3	U	6.00	P	11/20/2025	14:01	LB137997
	Calcium	234	+/-1000	U	2000	P	11/20/2025	14:01	LB137997
	Chromium	2.12	+/-5	U	10.0	P	11/20/2025	14:01	LB137997
	Cobalt	2.26	+/-15	U	30.0	P	11/20/2025	14:01	LB137997
	Copper	4.60	+/-10	U	20.0	P	11/20/2025	14:01	LB137997
	Iron	23.4	+/-50	U	100	P	11/20/2025	14:01	LB137997
	Lead	2.30	+/-6	U	12.0	P	11/20/2025	14:01	LB137997
	Magnesium	244	+/-1000	U	2000	P	11/20/2025	14:01	LB137997
	Manganese	5.94	+/-10	U	20.0	P	11/20/2025	14:01	LB137997
	Nickel	3.06	+/-20	U	40.0	P	11/20/2025	14:01	LB137997
	Potassium	918	+/-1000	U	2000	P	11/20/2025	14:01	LB137997
	Selenium	9.64	+/-10	U	20.0	P	11/20/2025	14:01	LB137997
	Silver	1.62	+/-5	U	10.0	P	11/20/2025	14:01	LB137997
	Sodium	868	+/-1000	U	2000	P	11/20/2025	14:01	LB137997
	Thallium	4.38	+/-20	U	40.0	P	11/20/2025	14:01	LB137997
	Vanadium	6.26	+/-20	U	40.0	P	11/20/2025	14:01	LB137997
	Zinc	16.7	+/-20	U	40.0	P	11/20/2025	14:01	LB137997
CCB02	Aluminum	11.3	+/-50	U	100	P	11/20/2025	15:46	LB137997
	Antimony	6.76	+/-25	U	50.0	P	11/20/2025	15:46	LB137997
	Arsenic	5.12	+/-10	U	20.0	P	11/20/2025	15:46	LB137997
	Barium	14.6	+/-50	U	100	P	11/20/2025	15:46	LB137997
	Beryllium	0.56	+/-3	U	6.00	P	11/20/2025	15:46	LB137997
	Cadmium	0.50	+/-3	U	6.00	P	11/20/2025	15:46	LB137997
	Calcium	234	+/-1000	U	2000	P	11/20/2025	15:46	LB137997
	Chromium	2.12	+/-5	U	10.0	P	11/20/2025	15:46	LB137997
	Cobalt	2.26	+/-15	U	30.0	P	11/20/2025	15:46	LB137997
	Copper	4.60	+/-10	U	20.0	P	11/20/2025	15:46	LB137997
	Iron	23.4	+/-50	U	100	P	11/20/2025	15:46	LB137997
	Lead	2.30	+/-6	U	12.0	P	11/20/2025	15:46	LB137997
	Magnesium	244	+/-1000	U	2000	P	11/20/2025	15:46	LB137997
	Manganese	5.94	+/-10	U	20.0	P	11/20/2025	15:46	LB137997
	Nickel	3.06	+/-20	U	40.0	P	11/20/2025	15:46	LB137997
	Potassium	918	+/-1000	U	2000	P	11/20/2025	15:46	LB137997
	Selenium	9.64	+/-10	U	20.0	P	11/20/2025	15:46	LB137997

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/20/2025	15:46	LB137997
	Sodium	868	+/-1000	U	2000	P	11/20/2025	15:46	LB137997
	Thallium	4.38	+/-20	U	40.0	P	11/20/2025	15:46	LB137997
	Vanadium	6.26	+/-20	U	40.0	P	11/20/2025	15:46	LB137997
	Zinc	16.7	+/-20	U	40.0	P	11/20/2025	15:46	LB137997

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/21/2025	13:13	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	13:13	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	13:13	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	13:13	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	13:13	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	13:13	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	13:13	LB138017
	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	13:13	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	13:13	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	13:13	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	13:13	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	13:13	LB138017
	Magnesium	244	+/-1000	U	2000	P	11/21/2025	13:13	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	13:13	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	13:13	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	13:13	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	13:13	LB138017
	Silver	1.62	+/-5	U	10.0	P	11/21/2025	13:13	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	13:13	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	13:13	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	13:13	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	13:13	LB138017

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/21/2025	13:48	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	13:48	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	13:48	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	13:48	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	13:48	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	13:48	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	13:48	LB138017
	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	13:48	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	13:48	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	13:48	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	13:48	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	13:48	LB138017
	Magnesium	244	+/-1000	U	2000	P	11/21/2025	13:48	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	13:48	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	13:48	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	13:48	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	13:48	LB138017
	Silver	1.62	+/-5	U	10.0	P	11/21/2025	13:48	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	13:48	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	13:48	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	13:48	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	13:48	LB138017
CCB02	Aluminum	11.5	+/-50	J	100	P	11/21/2025	14:52	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	14:52	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	14:52	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	14:52	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	14:52	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	14:52	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	14:52	LB138017
	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	14:52	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	14:52	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	14:52	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	14:52	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	14:52	LB138017
	Magnesium	244	+/-1000	U	2000	P	11/21/2025	14:52	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	14:52	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	14:52	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	14:52	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	14:52	LB138017

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/21/2025	14:52	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	14:52	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	14:52	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	14:52	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	14:52	LB138017
CCB03	Aluminum	11.3	+/-50	U	100	P	11/21/2025	15:42	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	15:42	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	15:42	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	15:42	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	15:42	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	15:42	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	15:42	LB138017
	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	15:42	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	15:42	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	15:42	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	15:42	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	15:42	LB138017
	Magnesium	244	+/-1000	U	2000	P	11/21/2025	15:42	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	15:42	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	15:42	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	15:42	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	15:42	LB138017
	Silver	1.62	+/-5	U	10.0	P	11/21/2025	15:42	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	15:42	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	15:42	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	15:42	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	15:42	LB138017
CCB04	Aluminum	11.3	+/-50	U	100	P	11/21/2025	16:32	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	16:32	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	16:32	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	16:32	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	16:32	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	16:32	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	16:32	LB138017
	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	16:32	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	16:32	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	16:32	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	16:32	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	16:32	LB138017

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/21/2025	16:32	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	16:32	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	16:32	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	16:32	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	16:32	LB138017
	Silver	1.62	+/-5	U	10.0	P	11/21/2025	16:32	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	16:32	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	16:32	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	16:32	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	16:32	LB138017
CCB05	Aluminum	11.3	+/-50	U	100	P	11/21/2025	17:55	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	17:55	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	17:55	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	17:55	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	17:55	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	17:55	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	17:55	LB138017
	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	17:55	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	17:55	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	17:55	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	17:55	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	17:55	LB138017
	Magnesium	244	+/-1000	U	2000	P	11/21/2025	17:55	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	17:55	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	17:55	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	17:55	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	17:55	LB138017
	Silver	1.62	+/-5	U	10.0	P	11/21/2025	17:55	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	17:55	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	17:55	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	17:55	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	17:55	LB138017
CCB06	Aluminum	11.3	+/-50	U	100	P	11/21/2025	18:45	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	18:45	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	18:45	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	18:45	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	18:45	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	18:45	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	18:45	LB138017

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	18:45	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	18:45	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	18:45	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	18:45	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	18:45	LB138017
	Magnesium	244	+/-1000	U	2000	P	11/21/2025	18:45	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	18:45	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	18:45	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	18:45	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	18:45	LB138017
	Silver	1.62	+/-5	U	10.0	P	11/21/2025	18:45	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	18:45	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	18:45	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	18:45	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	18:45	LB138017
CCB07	Aluminum	16.8	+/-50	J	100	P	11/21/2025	19:35	LB138017
	Antimony	6.76	+/-25	U	50.0	P	11/21/2025	19:35	LB138017
	Arsenic	5.12	+/-10	U	20.0	P	11/21/2025	19:35	LB138017
	Barium	14.6	+/-50	U	100	P	11/21/2025	19:35	LB138017
	Beryllium	0.56	+/-3	U	6.00	P	11/21/2025	19:35	LB138017
	Cadmium	0.50	+/-3	U	6.00	P	11/21/2025	19:35	LB138017
	Calcium	234	+/-1000	U	2000	P	11/21/2025	19:35	LB138017
	Chromium	2.12	+/-5	U	10.0	P	11/21/2025	19:35	LB138017
	Cobalt	2.26	+/-15	U	30.0	P	11/21/2025	19:35	LB138017
	Copper	4.60	+/-10	U	20.0	P	11/21/2025	19:35	LB138017
	Iron	23.4	+/-50	U	100	P	11/21/2025	19:35	LB138017
	Lead	2.30	+/-6	U	12.0	P	11/21/2025	19:35	LB138017
	Magnesium	244	+/-1000	U	2000	P	11/21/2025	19:35	LB138017
	Manganese	5.94	+/-10	U	20.0	P	11/21/2025	19:35	LB138017
	Nickel	3.06	+/-20	U	40.0	P	11/21/2025	19:35	LB138017
	Potassium	918	+/-1000	U	2000	P	11/21/2025	19:35	LB138017
	Selenium	9.64	+/-10	U	20.0	P	11/21/2025	19:35	LB138017
	Silver	1.62	+/-5	U	10.0	P	11/21/2025	19:35	LB138017
	Sodium	868	+/-1000	U	2000	P	11/21/2025	19:35	LB138017
	Thallium	4.38	+/-20	U	40.0	P	11/21/2025	19:35	LB138017
	Vanadium	6.26	+/-20	U	40.0	P	11/21/2025	19:35	LB138017
	Zinc	16.7	+/-20	U	40.0	P	11/21/2025	19:35	LB138017

Metals
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PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3671

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170655BL		SOLID		Batch Number:	PB170655		Prep Date:	11/20/2025	
	Mercury	0.0070	<0.012	U	0.012	CV	11/20/2025	12:27	LB137986

A

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3671

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170657BL	SOLID			Batch Number:	PB170657		Prep Date:	11/20/2025	
	Aluminum	0.84	<2.5	U	5.00	P	11/20/2025	14:10	LB137997
	Antimony	0.22	<1.25	U	2.50	P	11/20/2025	14:10	LB137997
	Arsenic	0.19	<0.5	U	1.00	P	11/20/2025	14:10	LB137997
	Barium	0.73	<2.5	U	5.00	P	11/20/2025	14:10	LB137997
	Beryllium	0.025	<0.15	U	0.30	P	11/20/2025	14:10	LB137997
	Cadmium	0.024	<0.15	U	0.30	P	11/20/2025	14:10	LB137997
	Calcium	11.1	<50	U	100	P	11/20/2025	14:10	LB137997
	Chromium	0.047	<0.25	U	0.50	P	11/20/2025	14:10	LB137997
	Cobalt	0.10	<0.75	U	1.50	P	11/20/2025	14:10	LB137997
	Copper	0.22	<0.5	U	1.00	P	11/20/2025	14:10	LB137997
	Iron	3.99	<2.5	U	5.00	P	11/20/2025	14:10	LB137997
	Lead	0.13	<0.3	U	0.60	P	11/20/2025	14:10	LB137997
	Magnesium	12.0	<50	U	100	P	11/20/2025	14:10	LB137997
	Manganese	0.14	<0.5	U	1.00	P	11/20/2025	14:10	LB137997
	Nickel	0.13	<1	U	2.00	P	11/20/2025	14:10	LB137997
	Potassium	27.7	<50	U	100	P	11/20/2025	14:10	LB137997
	Selenium	0.26	<0.5	U	1.00	P	11/20/2025	14:10	LB137997
	Silver	0.12	<0.25	U	0.50	P	11/20/2025	14:10	LB137997
	Sodium	17.8	<50	U	100	P	11/20/2025	14:10	LB137997
	Thallium	0.23	<1	U	2.00	P	11/20/2025	14:10	LB137997
	Vanadium	0.25	<1	U	2.00	P	11/20/2025	14:10	LB137997
	Zinc	0.23	<1	U	2.00	P	11/20/2025	14:10	LB137997

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Core Environmental Consultants and Services, Inc.</u>	SDG No.: <u>Q3671</u>
Contract: <u>CORE02</u>	Lab Code: <u>ACE</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
ICSA01	Aluminum	248000	255000	97	216000	294000	11/20/2025	13:39	LB137997
	Antimony	-1.40			-50	50	11/20/2025	13:39	LB137997
	Arsenic	9.50			-20	20	11/20/2025	13:39	LB137997
	Barium	3.36	6.0	56	-94	106	11/20/2025	13:39	LB137997
	Beryllium	1.02			-6	6	11/20/2025	13:39	LB137997
	Cadmium	-1.55	1.0	155	-5	7	11/20/2025	13:39	LB137997
	Calcium	234000	245000	96	208000	282000	11/20/2025	13:39	LB137997
	Chromium	50.8	52.0	98	42	62	11/20/2025	13:39	LB137997
	Cobalt	2.47			-30	30	11/20/2025	13:39	LB137997
	Copper	8.61	2.0	430	-18	22	11/20/2025	13:39	LB137997
	Iron	95900	101000	95	85600	116500	11/20/2025	13:39	LB137997
	Lead	-1.75			-12	12	11/20/2025	13:39	LB137997
	Magnesium	250000	255000	98	216000	294000	11/20/2025	13:39	LB137997
	Manganese	8.42	7.0	120	-13	27	11/20/2025	13:39	LB137997
	Nickel	6.70	2.0	335	-38	42	11/20/2025	13:39	LB137997
	Potassium	-33.7			0	0	11/20/2025	13:39	LB137997
	Selenium	-1.81			-20	20	11/20/2025	13:39	LB137997
	Silver	-7.55			-10	10	11/20/2025	13:39	LB137997
	Sodium	-57.1			0	0	11/20/2025	13:39	LB137997
	Thallium	19.1			-40	40	11/20/2025	13:39	LB137997
	Vanadium	4.76			-40	40	11/20/2025	13:39	LB137997
	Zinc	5.44			-40	40	11/20/2025	13:39	LB137997
ICSAB01	Aluminum	243000	247000	98	209000	285000	11/20/2025	13:44	LB137997
	Antimony	603	618	98	525	711	11/20/2025	13:44	LB137997
	Arsenic	112	104	108	88.4	120	11/20/2025	13:44	LB137997
	Barium	469	537	87	437	637	11/20/2025	13:44	LB137997
	Beryllium	483	495	98	420	570	11/20/2025	13:44	LB137997
	Cadmium	990	972	102	826	1120	11/20/2025	13:44	LB137997
	Calcium	229000	235000	97	199000	271000	11/20/2025	13:44	LB137997
	Chromium	547	542	101	460	624	11/20/2025	13:44	LB137997
	Cobalt	496	476	104	404	548	11/20/2025	13:44	LB137997
	Copper	489	511	96	434	588	11/20/2025	13:44	LB137997
	Iron	94700	99300	95	84400	114500	11/20/2025	13:44	LB137997
	Lead	48.7	49.0	99	37	61	11/20/2025	13:44	LB137997
	Magnesium	245000	248000	99	210000	286000	11/20/2025	13:44	LB137997
	Manganese	472	507	93	430	584	11/20/2025	13:44	LB137997
	Nickel	989	954	104	810	1100	11/20/2025	13:44	LB137997
	Potassium	-107			0	0	11/20/2025	13:44	LB137997
	Selenium	54.7	46.0	119	26	66	11/20/2025	13:44	LB137997
	Silver	186	201	92	170	232	11/20/2025	13:44	LB137997
	Sodium	-90.7			0	0	11/20/2025	13:44	LB137997
	Thallium	123	108	114	68	148	11/20/2025	13:44	LB137997

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Core Environmental Consultants and Services, Inc.</u>	SDG No.: <u>Q3671</u>
Contract: <u>CORE02</u>	Lab Code: <u>ACE</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	Vanadium	473	491	96	417	565	11/20/2025	13:44	LB137997
	Zinc	1030	952	108	809	1095	11/20/2025	13:44	LB137997
ICSA01	Aluminum	252000	255000	99	216000	294000	11/21/2025	13:22	LB138017
	Antimony	0.044			-50	50	11/21/2025	13:22	LB138017
	Arsenic	8.37			-20	20	11/21/2025	13:22	LB138017
	Barium	1.92	6.0	32	-94	106	11/21/2025	13:22	LB138017
	Beryllium	0.88			-6	6	11/21/2025	13:22	LB138017
	Cadmium	4.00	1.0	400	-5	7	11/21/2025	13:22	LB138017
	Calcium	239000	245000	98	208000	282000	11/21/2025	13:22	LB138017
	Chromium	50.3	52.0	97	42	62	11/21/2025	13:22	LB138017
	Cobalt	2.12			-30	30	11/21/2025	13:22	LB138017
	Copper	1.60	2.0	80	-18	22	11/21/2025	13:22	LB138017
	Iron	95400	101000	94	85600	116500	11/21/2025	13:22	LB138017
	Lead	8.32			-12	12	11/21/2025	13:22	LB138017
	Magnesium	254000	255000	100	216000	294000	11/21/2025	13:22	LB138017
	Manganese	9.14	7.0	131	-13	27	11/21/2025	13:22	LB138017
	Nickel	5.58	2.0	279	-38	42	11/21/2025	13:22	LB138017
	Potassium	-9.93			0	0	11/21/2025	13:22	LB138017
	Selenium	13.1			-20	20	11/21/2025	13:22	LB138017
	Silver	-5.79			-10	10	11/21/2025	13:22	LB138017
	Sodium	-4.50			0	0	11/21/2025	13:22	LB138017
	Thallium	12.5			-40	40	11/21/2025	13:22	LB138017
	Vanadium	2.89			-40	40	11/21/2025	13:22	LB138017
	Zinc	6.33			-40	40	11/21/2025	13:22	LB138017
ICSAB01	Aluminum	243000	247000	98	209000	285000	11/21/2025	13:26	LB138017
	Antimony	587	618	95	525	711	11/21/2025	13:26	LB138017
	Arsenic	109	104	105	88.4	120	11/21/2025	13:26	LB138017
	Barium	477	537	89	437	637	11/21/2025	13:26	LB138017
	Beryllium	492	495	99	420	570	11/21/2025	13:26	LB138017
	Cadmium	975	972	100	826	1120	11/21/2025	13:26	LB138017
	Calcium	230000	235000	98	199000	271000	11/21/2025	13:26	LB138017
	Chromium	540	542	100	460	624	11/21/2025	13:26	LB138017
	Cobalt	488	476	102	404	548	11/21/2025	13:26	LB138017
	Copper	470	511	92	434	588	11/21/2025	13:26	LB138017
	Iron	92700	99300	93	84400	114500	11/21/2025	13:26	LB138017
	Lead	52.8	49.0	108	37	61	11/21/2025	13:26	LB138017
	Magnesium	246000	248000	99	210000	286000	11/21/2025	13:26	LB138017
	Manganese	479	507	94	430	584	11/21/2025	13:26	LB138017
	Nickel	972	954	102	810	1100	11/21/2025	13:26	LB138017
	Potassium	-42.4			0	0	11/21/2025	13:26	LB138017
	Selenium	49.4	46.0	107	26	66	11/21/2025	13:26	LB138017
	Silver	183	201	91	170	232	11/21/2025	13:26	LB138017

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Core Environmental Consultants and Services, Inc.</u>	SDG No.: <u>Q3671</u>
Contract: <u>CORE02</u>	Lab Code: <u>ACE</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	-50.9			0	0	11/21/2025	13:26	LB138017
	Thallium	107	108	99	68	148	11/21/2025	13:26	LB138017
	Vanadium	471	491	96	417	565	11/21/2025	13:26	LB138017
	Zinc	1020	952	107	809	1095	11/21/2025	13:26	LB138017



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3671
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3681-01 **client id:** ETGI-354MS
Percent Solids for Sample: 83.3 **Spiked ID:** Q3681-01MS **Percent Solids for Spike Sample:** 83.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	9700		8370		110	1204		P
Antimony	mg/Kg	75 - 125	18.8		2.50	U	43.7	43	N	P
Arsenic	mg/Kg	75 - 125	39.7		3.29		43.7	83		P
Barium	mg/Kg	75 - 125	75.1		70.5		10.9	42		P
Beryllium	mg/Kg	75 - 125	9.78		0.58		10.9	84		P
Cadmium	mg/Kg	75 - 125	11.7		0.84		10.9	99		P
Calcium	mg/Kg	75 - 125	1970		2380		54.6	-760		P
Chromium	mg/Kg	75 - 125	35.3		15.4		21.8	91		P
Cobalt	mg/Kg	75 - 125	19.1		7.47		10.9	107		P
Copper	mg/Kg	75 - 125	52.8		54.2		16.4	-8	N	P
Iron	mg/Kg	75 - 125	14700		14300		160	236		P
Lead	mg/Kg	75 - 125	117		84.7		54.6	59	N	P
Magnesium	mg/Kg	75 - 125	2420		2280		110	128		P
Manganese	mg/Kg	75 - 125	288		285		10.9	28		P
Mercury	mg/Kg	80 - 120	0.33		0.071		0.29	88		CV
Nickel	mg/Kg	75 - 125	43.9		17.1		27.3	98		P
Potassium	mg/Kg	75 - 125	1190		800		550	72	N	P
Selenium	mg/Kg	75 - 125	89.7		1.00	U	110	82		P
Silver	mg/Kg	75 - 125	2.87		0.50	U	4.1	70	N	P
Sodium	mg/Kg	75 - 125	330		175		160	96		P
Thallium	mg/Kg	75 - 125	109		2.00	U	110	99		P
Vanadium	mg/Kg	75 - 125	36.9		19.6		16.4	105		P
Zinc	mg/Kg	75 - 125	65.4		53.3		10.9	111		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3671
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3681-01 **client id:** ETGI-354MSD
Percent Solids for Sample: 83.3 **Spiked ID:** Q3681-01MSD **Percent Solids for Spike Sample:** 83.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10100		8370		110	1566		P
Antimony	mg/Kg	75 - 125	19.3		2.50	U	44.9	43	N	P
Arsenic	mg/Kg	75 - 125	40.8		3.29		44.9	84		P
Barium	mg/Kg	75 - 125	77.6		70.5		11.2	63		P
Beryllium	mg/Kg	75 - 125	10.1		0.58		11.2	85		P
Cadmium	mg/Kg	75 - 125	12.0		0.84		11.2	100		P
Calcium	mg/Kg	75 - 125	2040		2380		56.1	-607		P
Chromium	mg/Kg	75 - 125	36.4		15.4		22.4	94		P
Cobalt	mg/Kg	75 - 125	19.7		7.47		11.2	109		P
Copper	mg/Kg	75 - 125	54.2		54.2		16.8	0	N	P
Iron	mg/Kg	75 - 125	15100		14300		170	482		P
Lead	mg/Kg	75 - 125	120		84.7		56.1	64	N	P
Magnesium	mg/Kg	75 - 125	2520		2280		110	218		P
Manganese	mg/Kg	75 - 125	296		285		11.2	103		P
Mercury	mg/Kg	80 - 120	0.30		0.071		0.28	83		CV
Nickel	mg/Kg	75 - 125	44.9		17.1		28.0	99		P
Potassium	mg/Kg	75 - 125	1230		800		560	78		P
Selenium	mg/Kg	75 - 125	92.5		1.00	U	110	84		P
Silver	mg/Kg	75 - 125	2.93		0.50	U	4.2	70	N	P
Sodium	mg/Kg	75 - 125	343		175		170	99		P
Thallium	mg/Kg	75 - 125	110		2.00	U	110	100		P
Vanadium	mg/Kg	75 - 125	38.5		19.6		16.8	113		P
Zinc	mg/Kg	75 - 125	66.9		53.3		11.2	121		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Core Environmental Consultants and Service</u>	SDG No.: <u>Q3671</u>	
Contract: <u>CORE02</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>ETGI-354A</u>
Sample ID: <u>Q3681-01</u>	Spiked ID: <u>Q3681-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	32.3		2.50	U	40.0	81		P
Copper	mg/Kg	75 - 125	64.7		54.2		15.0	70	N	P
Lead	mg/Kg	75 - 125	131		84.7		50.0	92		P
Potassium	mg/Kg	75 - 125	1160		800		500	72	N	P
Silver	mg/Kg	75 - 125	2.39		0.50	U	3.80	63	N	P

A

B

C

D

E

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G

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3671
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3681-01 **Client ID:** ETGI-354DUP
Percent Solids for Sample: 83.3 **Duplicate ID** Q3681-01DUP **Percent Solids for Spike Sample:** 83.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8370		9500		13		P
Antimony	mg/Kg	20	2.50	U	2.83	U			P
Arsenic	mg/Kg	20	3.29		3.49		6		P
Barium	mg/Kg	20	70.5		80.7		13		P
Beryllium	mg/Kg	20	0.58		0.66		12		P
Cadmium	mg/Kg	20	0.84		0.93		9		P
Calcium	mg/Kg	20	2380		2690		12		P
Chromium	mg/Kg	20	15.4		17.4		12		P
Cobalt	mg/Kg	20	7.47		8.43		12		P
Copper	mg/Kg	20	54.2		61.2		12		P
Iron	mg/Kg	20	14300		16300		13		P
Lead	mg/Kg	20	84.7		95.9		12		P
Magnesium	mg/Kg	20	2280		2600		13		P
Manganese	mg/Kg	20	285		321		12		P
Mercury	mg/Kg	20	0.071		0.064		10		CV
Nickel	mg/Kg	20	17.1		17.5		2		P
Potassium	mg/Kg	20	800		892		11		P
Selenium	mg/Kg	20	1.00	U	1.13	U			P
Silver	mg/Kg	20	0.50	U	0.57	U			P
Sodium	mg/Kg	20	175		182		4		P
Thallium	mg/Kg	20	2.00	U	2.27	U			P
Vanadium	mg/Kg	20	19.6		22.4		13		P
Zinc	mg/Kg	20	53.3		58.3		9		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3671
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3681-01MS **Client ID:** ETGI-354MSD
Percent Solids for Sample: 83.3 **Duplicate ID** Q3681-01MSD **Percent Solids for Spike Sample:** 83.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	9700		10100		4		P
Antimony	mg/Kg	20	18.8		19.3		3		P
Arsenic	mg/Kg	20	39.7		40.8		3		P
Barium	mg/Kg	20	75.1		77.6		3		P
Beryllium	mg/Kg	20	9.78		10.1		3		P
Cadmium	mg/Kg	20	11.7		12.0		3		P
Calcium	mg/Kg	20	1970		2040		3		P
Chromium	mg/Kg	20	35.3		36.4		3		P
Cobalt	mg/Kg	20	19.1		19.7		3		P
Copper	mg/Kg	20	52.8		54.2		3		P
Iron	mg/Kg	20	14700		15100		3		P
Lead	mg/Kg	20	117		120		3		P
Magnesium	mg/Kg	20	2420		2520		4		P
Manganese	mg/Kg	20	288		296		3		P
Mercury	mg/Kg	20	0.33		0.30		7		CV
Nickel	mg/Kg	20	43.9		44.9		2		P
Potassium	mg/Kg	20	1190		1230		3		P
Selenium	mg/Kg	20	89.7		92.5		3		P
Silver	mg/Kg	20	2.87		2.93		2		P
Sodium	mg/Kg	20	330		343		4		P
Thallium	mg/Kg	20	109		110		1		P
Vanadium	mg/Kg	20	36.9		38.5		4		P
Zinc	mg/Kg	20	65.4		66.9		2		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and ServicSDG No.: Q3671Contract: CORE02Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170655BS Mercury	mg/Kg	0.25	0.25		99	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3671
Contract: CORE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170657BS							
Aluminum	mg/Kg	100	96.0		96	80 - 120	P
Antimony	mg/Kg	40.0	39.9		100	80 - 120	P
Arsenic	mg/Kg	40.0	39.4		98	80 - 120	P
Barium	mg/Kg	10.0	8.98		90	80 - 120	P
Beryllium	mg/Kg	10.0	9.55		96	80 - 120	P
Cadmium	mg/Kg	10.0	9.66		97	80 - 120	P
Calcium	mg/Kg	50.0	47.9	J	96	80 - 120	P
Chromium	mg/Kg	20.0	20.0		100	80 - 120	P
Cobalt	mg/Kg	10.0	9.67		97	80 - 120	P
Copper	mg/Kg	15.0	15.3		102	80 - 120	P
Iron	mg/Kg	150	148		99	80 - 120	P
Lead	mg/Kg	50.0	47.7		95	80 - 120	P
Magnesium	mg/Kg	100	95.1	J	95	80 - 120	P
Manganese	mg/Kg	10.0	9.46		95	80 - 120	P
Nickel	mg/Kg	25.0	24.5		98	80 - 120	P
Potassium	mg/Kg	500	475		95	80 - 120	P
Selenium	mg/Kg	100	99.7		100	80 - 120	P
Silver	mg/Kg	3.8	3.79		100	80 - 120	P
Sodium	mg/Kg	150	127		85	80 - 120	P
Thallium	mg/Kg	100	98.3		98	80 - 120	P
Vanadium	mg/Kg	15.0	14.5		97	80 - 120	P
Zinc	mg/Kg	10.0	10.3		103	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

ETGI-354L

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **Lb No.:** lb138017 **Lab Sample ID :** Q3681-01L **SDG No.:** Q3671
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
		C		C				
Aluminum		8370		9560		14		P
Antimony		2.50	U	12.5	U			P
Arsenic		3.29		2.96	J	10		P
Barium		70.5		80.5		14		P
Beryllium		0.58		0.73	J	25		P
Cadmium		0.84		0.53	J	38		P
Calcium		2380		2760		16		P
Chromium		15.4		17.5		14		P
Cobalt		7.47		7.15	J	4		P
Copper		54.2		64.5		19		P
Iron		14300		16100		13		P
Lead		84.7		82.4		3		P
Magnesium		2280		2630		15		P
Manganese		285		335		18		P
Mercury		0.071		0.085		20		CV
Nickel		17.1		16.6		3		P
Potassium		800		846		6		P
Selenium		1.00	U	5.00	U			P
Silver		0.50	U	2.50	U			P
Sodium		175		173	J	1		P
Thallium		2.00	U	10.0	U			P
Vanadium		19.6		21.9		12		P
Zinc		53.3		60.6		14		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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: Core Environmental Consultants and Service

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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: Core Environmental Consultants and Service

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

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 INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3671

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement 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



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3671
Contract: CORE02 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170655							
PB170655BL	PB170655BL	MB	SOLID	11/20/2025	0.59	35.0	100.00
PB170655BS	PB170655BS	LCS	SOLID	11/20/2025	0.57	35.0	100.00
Q3671-01	Zeltmann Power Plant HSRG 7B	SAM	SOLID	11/20/2025	0.51	35.0	96.10
Q3681-01DUP	ETGI-354DUP	DUP	SOLID	11/20/2025	0.60	35.0	83.30
Q3681-01MS	ETGI-354MS	MS	SOLID	11/20/2025	0.58	35.0	83.30
Q3681-01MSD	ETGI-354MSD	MSD	SOLID	11/20/2025	0.59	35.0	83.30

Metals
- 13 -

SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3671
Contract: CORE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170657							
PB170657BL	PB170657BL	MB	SOLID	11/20/2025	2.00	100.0	100.00
PB170657BS	PB170657BS	LCS	SOLID	11/20/2025	2.00	100.0	100.00
Q3671-01	Zeltmann Power Plant HSRG 7B	SAM	SOLID	11/20/2025	2.30	100.0	96.10
Q3681-01DUP	ETGI-354DUP	DUP	SOLID	11/20/2025	2.12	100.0	83.30
Q3681-01MS	ETGI-354MS	MS	SOLID	11/20/2025	2.20	100.0	83.30
Q3681-01MSD	ETGI-354MSD	MSD	SOLID	11/20/2025	2.14	100.0	83.30

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Service

Contract: CORE02

Lab code: ACE

Sdg no.: Q3671

Instrument id number:

Method:

Run number: LB137986

Start date: 11/20/2025

End date: 11/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1152	HG
S0.2	S0.2	1	1155	HG
S2.5	S2.5	1	1157	HG
S5	S5	1	1202	HG
S7.5	S7.5	1	1204	HG
S10	S10	1	1207	HG
ICV123	ICV123	1	1211	HG
ICB123	ICB123	1	1213	HG
CCV19	CCV19	1	1216	HG
CCB19	CCB19	1	1218	HG
CRA	CRA	1	1220	HG
PB170655BL	PB170655BL	1	1227	HG
PB170655BS	PB170655BS	1	1229	HG
Q3671-01	Zeltmann Power Plant HSRG 7B	1	1232	HG
Q3681-01DUP	ETGI-354DUP	1	1244	HG
Q3681-01MS	ETGI-354MS	1	1247	HG
CCV20	CCV20	1	1249	HG
CCB20	CCB20	1	1251	HG
Q3681-01MSD	ETGI-354MSD	1	1253	HG
Q3681-01L	ETGI-354L	5	1258	HG
CCV21	CCV21	1	1306	HG
CCB21	CCB21	1	1308	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic

Contract: CORE02

Lab code: ACE

Sdg no.: Q3671

Instrument id number:

Method:

Run number: LB137997

Start date: 11/20/2025

End date: 11/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1247	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	1251	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	1255	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	1300	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	1304	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	1308	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	1312	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	1317	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	1321	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	1326	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	1339	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	1344	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	1356	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	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170657BL	PB170657BL	1	1410	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170657BS	PB170657BS	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3671-01	Zeltmann Power Plant HSRG 7B	1	1507	Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3671-01	Zeltmann Power Plant HSRG 7B	5	1511	Ag,Fe
CCV02	CCV02	1	1542	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	1546	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic

Contract: CORE02

Lab code: ACE

Sdg no.: Q3671

Instrument id number:
Method:
Run number: LB138017

Start date: 11/21/2025

End date: 11/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1213	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	1217	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	1222	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	1226	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	1230	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	1234	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	1300	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	1309	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	1313	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	1317	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	1322	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	1326	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	1344	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	1348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3681-01DUP	ETGI-354DUP	1	1422	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3681-01L	ETGI-354L	5	1426	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3681-01MS	ETGI-354MS	1	1430	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	1448	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	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3681-01MSD	ETGI-354MSD	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3681-01A	ETGI-354A	1	1501	Ag,Cu,K,Pb,Sb
CCV03	CCV03	1	1538	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	1542	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	1628	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	1632	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	1750	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	1755	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	1841	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	1845	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	1931	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	1935	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 3346

COC Number:

Q3671

CLIENT INFORMATION

COMPANY: CORE Environmental Consultants
ADDRESS: 22-48 119th Street
CITY: College Point STATE: NY ZIP: 11356
ATTENTION: Roland Scardino
PHONE: 718-786-4730 ext. 114 FAX:

PROJECT INFORMATION

PROJECT NAME: NYPA - Zeltmann Power Plant - HSRG 7B
PROJECT #: LOCATION:
PROJECT MANAGER: Roland Scardino
E-MAIL: rscardino@coreenv.com
PHONE: FAX:

BILLING INFORMATION

BILL TO: CORE Environmental Consultants PO#
ADDRESS: 22-48 119th Street
CITY: College Point STATE: NY ZIP: 11356
ATTENTION: Joseph Zaheer PHONE: 716-204-8054

DATA TURNAROUND INFORMATION

FAX: 3-DAY DAYS*
HARD COPY: 3-DAY DAYS*
EDD 3-DAY DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☒ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

1	2	3	4	5	6	7	8	9
PCBs	PCBs							

Report PCBs to limit of quantification 2.00mg/L

PRESERVATIVES

COMMENTS

<- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles									
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	Zeltmann Power Plant HSRG 7B	Solid	X		10/14/25	0:00	2	X	X							
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

NONE

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER DATE/TIME 1400 RECEIVED BY 1400
1. Roland Scardino 10/14/25 1. [Signature] 10-14-25
RELINQUISHED BY DATE/TIME RECEIVED BY
2. [Signature] 2. [Signature]
RELINQUISHED BY DATE/TIME 1710 RECEIVED FOR LAB BY
3. [Signature] 10-14-25 3. [Signature]

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments: ☐ Ice in Cooler?: _____

Page 2 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Roland Scardino <rscardino@coreenv.com>
Sent: Wednesday, November 19, 2025 1:12 PM
Subject: RE: Login Summary Details For Project NYPA-Zeltmann Power plant-HSRG 7B-Q3346.

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Secured by Check Point

Hi Yazmeen,

Great, please run on 24hr TAT.

Thank you,

Roland Scardino
Project Manager
CORE Environmental Consultants, Inc.
C: 609-781-8074
O: 718-786-4730 ext 114

22-48 119th Street
College Point, NY 11356
P: 718.786.4730
F: 718.786.4764

2312 Wehrle Drive
Buffalo, NY 14221
P: 716.204.8054
F: 716.204.8557



www.COREenv.com

Innovative Engineering and Environmental Solutions

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Wednesday, November 19, 2025 1:11 PM
To: Roland Scardino <rscardino@coreenv.com>
Subject: Re: Login Summary Details For Project NYPA-Zeltmann Power plant-HSRG 7B-Q3346.

Good afternoon Roland,

No problem Total Metals has been activated - fast TAT is 24hrs.

Best Regards,



Yazmeen Gomez
 Sr. Project Manager, CHEMTECH Laboratory
 An Alliance Technical Group Company
 Main: 908-789-8900

Direct: 908-728-3147
 Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com

From: Roland Scardino <rscardino@coreenv.com>
Sent: Wednesday, November 19, 2025 9:26 AM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: RE: Login Summary Details For Project NYPA-Zeltmann Power plant-HSRG 7B-Q3346.

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Good morning Yazmeen,

NYPA wants me to ask if the lab can analyze the sample for Total Metals, if you still have enough sample volume. If you can, what is the fastest TAT that it can be done under.

Thank you,

Roland Scardino
 Project Manager
 CORE Environmental Consultants, Inc.
 C: 609-781-8074
 O: 718-786-4730 ext 114

22-48 119th Street
 College Point, NY 11356
 P: 718.786.4730
 F: 718.786.4764

2312 Wehrle Drive
 Buffalo, NY 14221
 P: 716.204.8054
 F: 716.204.8557



www.COREenv.com

Innovative Engineering and Environmental Solutions

From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Friday, October 17, 2025 11:47 AM
To: Roland Scardino <rscardino@coreenv.com>
Subject: RE: Login Summary Details For Project NYPA-Zeltmann Power plant-HSRG 7B-Q3346.

Roland,

As for Q3346 - NYPA-Zeltmann Power plant-HSRG 7B – Looks like the lab as yet to upload any results so I am unable to create an EDD.
 I will ask our lab director for an ETA.

Looks like you have already set up a password –
 Please log onto www.Chemtech.net – select “**Secure Client Login**” on top right hand corner to login.
 Username: RSCARDINO@COREENV.COM
 Password: DueonTuesdays25!
 (You may change your password at any time).
 Select your respective project’s “client code” from the pull-down menu (ie. **CORE02**).
 The following menu has various options and tabs to view/download/create project files.
 Let me know if you need anything else or have any questions.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Roland Scardino <rscardino@coreenv.com>
Sent: Friday, October 17, 2025 11:43 AM
To: Data-EWR <Data-EWR@alliancetg.com>
Cc: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: RE: Login Summary Details For Project NYPA-Zeltmann Power plant-HSRG 7B-Q3346.

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Nothing attached. And my Alliance portal was never issued. See below:



ALLIANCE PORTAL
Alliance Project Manager :
Alliance Sales Manager :
Current session :
Last session :

Error in Sending an Email for rscardino@coreenv.com

Email ID

rscardino@coreenv.com

From: Data-EWR@alliancetg.com <Data-EWR@alliancetg.com>

Sent: Wednesday, October 15, 2025 9:51 AM

To: Roland Scardino <rscardino@coreenv.com>

Cc: yazmeen.gomez@alliancetg.com

Subject: Login Summary Details For Project NYPA-Zeltmann Power plant-HSRG 7B-Q3346.



To Roland Scardino;

Please see the attached Login Summary for the following project, or download the file using your login credentials from the link below.

Order ID : Q3346

Project ID : NYPA-Zeltmann Power plant-HSRG 7B
Download File : <https://chemtech.net/secureLogin.aspx>
Order Date : 10/14/2025 2:29:14 PM

Alliance's Project Manager : YAZMEEN GOMEZ , yazmeen.gomez@alliancetg.com , 908-728-3147
Alliance's Sales Executive : Jordan Hedvat , jordan.hedvat@alliancetg.com , 908-728-3144

Thank you for the opportunity to provide you with our services. For any questions please feel free to contact your project manager.

Click Here for our short online customer Survey <http://chemtech.net/ClientSurvey.aspx>.

Thank you,

Alliance Technical Group LLC.

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■

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312