

LAB CHRONICLE

OrderID:	Q3155	OrderDate:	9/19/2025 1:05:00 PM
Client:	Kleinfelder	Project:	Tanner G. Duckrey Public School
Contact:	Mark Warchol	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-01	COMP-1	SOIL			09/18/25			09/19/25
			Mercury	7471B		09/22/25	09/23/25	
			Metals ICP-Group1	6010D		09/22/25	09/24/25	
Q3155-02	COMP-2	SOIL			09/18/25			09/19/25
			Mercury	7471B		09/22/25	09/23/25	
			Metals ICP-Group1	6010D		09/22/25	09/24/25	
Q3155-03	COMP-3	SOIL			09/18/25			09/19/25
			Mercury	7471B		09/22/25	09/23/25	
			Metals ICP-Group1	6010D		09/22/25	09/24/25	

Hit Summary Sheet
SW-846

SDG No.: Q3155
Client: Kleinfelder

Order ID: Q3155
Project ID: Tanner G. Duckrey Public School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q3155-01	COMP-1	SOIL	Aluminum	12400	J	0.86	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Arsenic	6.65		0.20	1.03	mg/Kg
Q3155-01	COMP-1	SOIL	Barium	79.9		0.75	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Beryllium	1.05		0.026	0.31	mg/Kg
Q3155-01	COMP-1	SOIL	Boron	4.20		0.82	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Cadmium	1.37		0.025	0.31	mg/Kg
Q3155-01	COMP-1	SOIL	Chromium	24.9		0.048	0.51	mg/Kg
Q3155-01	COMP-1	SOIL	Cobalt	11.2		0.10	1.54	mg/Kg
Q3155-01	COMP-1	SOIL	Copper	49.7		0.23	1.03	mg/Kg
Q3155-01	COMP-1	SOIL	Iron	20600		4.09	5.13	mg/Kg
Q3155-01	COMP-1	SOIL	Lead	93.2		0.13	0.62	mg/Kg
Q3155-01	COMP-1	SOIL	Manganese	298		0.14	1.03	mg/Kg
Q3155-01	COMP-1	SOIL	Mercury	0.18		0.0080	0.015	mg/Kg
Q3155-01	COMP-1	SOIL	Nickel	18.7		0.13	2.05	mg/Kg
Q3155-01	COMP-1	SOIL	Vanadium	35.3		0.26	2.05	mg/Kg
Q3155-01	COMP-1	SOIL	Zinc	135		0.24	2.05	mg/Kg
Client ID : COMP-2								
Q3155-02	COMP-2	SOIL	Aluminum	11600	J	0.82	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Arsenic	4.61		0.19	0.97	mg/Kg
Q3155-02	COMP-2	SOIL	Barium	68.5		0.71	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Beryllium	0.89		0.024	0.29	mg/Kg
Q3155-02	COMP-2	SOIL	Boron	3.55		0.78	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Cadmium	1.15		0.023	0.29	mg/Kg
Q3155-02	COMP-2	SOIL	Chromium	17.7		0.046	0.49	mg/Kg
Q3155-02	COMP-2	SOIL	Cobalt	10.7		0.097	1.46	mg/Kg
Q3155-02	COMP-2	SOIL	Copper	38.6		0.21	0.97	mg/Kg
Q3155-02	COMP-2	SOIL	Iron	17100		3.88	4.86	mg/Kg
Q3155-02	COMP-2	SOIL	Lead	104		0.13	0.58	mg/Kg
Q3155-02	COMP-2	SOIL	Manganese	285		0.14	0.97	mg/Kg
Q3155-02	COMP-2	SOIL	Mercury	0.17		0.0080	0.014	mg/Kg
Q3155-02	COMP-2	SOIL	Nickel	15.4		0.13	1.94	mg/Kg
Q3155-02	COMP-2	SOIL	Vanadium	33.0		0.24	1.94	mg/Kg
Q3155-02	COMP-2	SOIL	Zinc	146		0.22	1.94	mg/Kg
Client ID : COMP-3								
Q3155-03	COMP-3	SOIL	Aluminum	12400		0.82	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Arsenic	4.02		0.19	0.98	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3155

Order ID: Q3155

Client: Kleinfelder

Project ID: Tanner G. Duckrey Public School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3155-03	COMP-3	SOIL	Barium	84.0		0.72	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Beryllium	0.93		0.025	0.29	mg/Kg
Q3155-03	COMP-3	SOIL	Boron	1.96	J	0.79	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Cadmium	1.00		0.024	0.29	mg/Kg
Q3155-03	COMP-3	SOIL	Chromium	18.3		0.046	0.49	mg/Kg
Q3155-03	COMP-3	SOIL	Cobalt	11.2		0.098	1.47	mg/Kg
Q3155-03	COMP-3	SOIL	Copper	38.9		0.22	0.98	mg/Kg
Q3155-03	COMP-3	SOIL	Iron	18000		3.92	4.91	mg/Kg
Q3155-03	COMP-3	SOIL	Lead	102		0.13	0.59	mg/Kg
Q3155-03	COMP-3	SOIL	Manganese	308		0.14	0.98	mg/Kg
Q3155-03	COMP-3	SOIL	Mercury	0.33		0.0070	0.013	mg/Kg
Q3155-03	COMP-3	SOIL	Nickel	16.4		0.13	1.96	mg/Kg
Q3155-03	COMP-3	SOIL	Vanadium	32.7		0.25	1.96	mg/Kg
Q3155-03	COMP-3	SOIL	Zinc	94.8		0.23	1.96	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-1	SDG No.:	Q3155
Lab Sample ID:	Q3155-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12400		1	0.86	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.57	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-38-2	Arsenic	6.65		1	0.20	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-39-3	Barium	79.9		1	0.75	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-41-7	Beryllium	1.05		1	0.026	0.31	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-42-8	Boron	4.20	JN*	1	0.82	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-43-9	Cadmium	1.37		1	0.025	0.31	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-47-3	Chromium	24.9		1	0.048	0.51	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-48-4	Cobalt	11.2		1	0.10	1.54	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-50-8	Copper	49.7	N	1	0.23	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-89-6	Iron	20600		1	4.09	5.13	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-92-1	Lead	93.2	N*	1	0.13	0.62	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-96-5	Manganese	298		1	0.14	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7439-97-6	Mercury	0.18	N	1	0.0080	0.015	mg/Kg	09/22/25 15:10	09/23/25 09:45	7471B	
7439-98-7	Molybdenum	0.83	U	1	0.83	10.3	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-02-0	Nickel	18.7		1	0.13	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.03	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.51	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-62-2	Vanadium	35.3	N	1	0.26	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050
7440-66-6	Zinc	135		1	0.24	2.05	mg/Kg	09/22/25 10:20	09/24/25 15:37	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group1			

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-2	SDG No.:	Q3155
Lab Sample ID:	Q3155-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11600		1	0.82	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.43	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-38-2	Arsenic	4.61		1	0.19	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-39-3	Barium	68.5		1	0.71	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-41-7	Beryllium	0.89		1	0.024	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-42-8	Boron	3.55	JN*	1	0.78	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-43-9	Cadmium	1.15		1	0.023	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-47-3	Chromium	17.7		1	0.046	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-48-4	Cobalt	10.7		1	0.097	1.46	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-50-8	Copper	38.6	N	1	0.21	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-89-6	Iron	17100		1	3.88	4.86	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-92-1	Lead	104	N*	1	0.13	0.58	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-96-5	Manganese	285		1	0.14	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7439-97-6	Mercury	0.17	N	1	0.0080	0.014	mg/Kg	09/22/25 15:10	09/23/25 09:48	7471B	
7439-98-7	Molybdenum	0.79	U	1	0.79	9.71	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-02-0	Nickel	15.4		1	0.13	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-62-2	Vanadium	33.0	N	1	0.24	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050
7440-66-6	Zinc	146		1	0.22	1.94	mg/Kg	09/22/25 10:20	09/24/25 15:50	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group1			

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	COMP-3	SDG No.:	Q3155
Lab Sample ID:	Q3155-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12400		1	0.82	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.45	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-38-2	Arsenic	4.02		1	0.19	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-39-3	Barium	84.0		1	0.72	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-41-7	Beryllium	0.93		1	0.025	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-42-8	Boron	1.96	JN*	1	0.79	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-43-9	Cadmium	1.00		1	0.024	0.29	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-47-3	Chromium	18.3		1	0.046	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-48-4	Cobalt	11.2		1	0.098	1.47	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-50-8	Copper	38.9	N	1	0.22	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-89-6	Iron	18000		1	3.92	4.91	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-92-1	Lead	102	N*	1	0.13	0.59	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-96-5	Manganese	308		1	0.14	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7439-97-6	Mercury	0.33	N	1	0.0070	0.013	mg/Kg	09/22/25 15:10	09/23/25 09:50	7471B	
7439-98-7	Molybdenum	0.80	U	1	0.80	9.81	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-02-0	Nickel	16.4		1	0.13	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	0.98	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-62-2	Vanadium	32.7	N	1	0.25	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050
7440-66-6	Zinc	94.8		1	0.23	1.96	mg/Kg	09/22/25 10:20	09/24/25 15:54	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group1			

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 LOQ = Limit of Quantitation
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METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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
ICV40	Mercury	3.91	4.0	98	90 - 110	CV	09/23/2025	09:04	LB137272

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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
CCV20	Mercury	5.01	5.0	100	90 - 110	CV	09/23/2025	09:09	LB137272
CCV21	Mercury	4.91	5.0	98	90 - 110	CV	09/23/2025	09:40	LB137272
CCV22	Mercury	4.99	5.0	100	90 - 110	CV	09/23/2025	10:12	LB137272
CCV23	Mercury	4.98	5.0	100	90 - 110	CV	09/23/2025	10:22	LB137272

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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	7750	8000	97	90 - 110	P	09/24/2025	11:34	LB137295
	Antimony	4020	4000	101	90 - 110	P	09/24/2025	11:34	LB137295
	Arsenic	3850	4000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Barium	7680	8000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Beryllium	193	200	97	90 - 110	P	09/24/2025	11:34	LB137295
	Boron	3780	4000	95	90 - 110	P	09/24/2025	11:34	LB137295
	Cadmium	1900	2000	95	90 - 110	P	09/24/2025	11:34	LB137295
	Chromium	801	800	100	90 - 110	P	09/24/2025	11:34	LB137295
	Cobalt	1920	2000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Copper	985	1000	98	90 - 110	P	09/24/2025	11:34	LB137295
	Iron	3960	4000	99	90 - 110	P	09/24/2025	11:34	LB137295
	Lead	3720	4000	93	90 - 110	P	09/24/2025	11:34	LB137295
	Manganese	1910	2000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Molybdenum	3990	4000	100	90 - 110	P	09/24/2025	11:34	LB137295
	Nickel	1920	2000	96	90 - 110	P	09/24/2025	11:34	LB137295
	Selenium	3870	4000	97	90 - 110	P	09/24/2025	11:34	LB137295
	Silver	1000	1000	100	90 - 110	P	09/24/2025	11:34	LB137295
	Thallium	3780	4000	95	90 - 110	P	09/24/2025	11:34	LB137295
	Vanadium	1930	2000	97	90 - 110	P	09/24/2025	11:34	LB137295
	Zinc	1990	2000	99	90 - 110	P	09/24/2025	11:34	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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	101	100	101	80 - 120	P	09/24/2025	11:44	LB137295
	Antimony	53.5	50.0	107	80 - 120	P	09/24/2025	11:44	LB137295
	Arsenic	23.2	20.0	116	80 - 120	P	09/24/2025	11:44	LB137295
	Barium	97.3	100	97	80 - 120	P	09/24/2025	11:44	LB137295
	Beryllium	6.24	6.0	104	80 - 120	P	09/24/2025	11:44	LB137295
	Boron	99.4	100	99	80 - 120	P	09/24/2025	11:44	LB137295
	Cadmium	6.05	6.0	101	80 - 120	P	09/24/2025	11:44	LB137295
	Chromium	10.6	10.0	106	80 - 120	P	09/24/2025	11:44	LB137295
	Cobalt	30.3	30.0	101	80 - 120	P	09/24/2025	11:44	LB137295
	Copper	21.7	20.0	108	80 - 120	P	09/24/2025	11:44	LB137295
	Iron	115	100	115	80 - 120	P	09/24/2025	11:44	LB137295
	Lead	11.9	12.0	99	80 - 120	P	09/24/2025	11:44	LB137295
	Manganese	20.9	20.0	104	80 - 120	P	09/24/2025	11:44	LB137295
	Molybdenum	209	200	104	80 - 120	P	09/24/2025	11:44	LB137295
	Nickel	41.6	40.0	104	80 - 120	P	09/24/2025	11:44	LB137295
	Selenium	23.9	20.0	120	80 - 120	P	09/24/2025	11:44	LB137295
	Silver	11.8	10.0	118	80 - 120	P	09/24/2025	11:44	LB137295
	Thallium	37.8	40.0	94	80 - 120	P	09/24/2025	11:44	LB137295
	Vanadium	44.6	40.0	112	80 - 120	P	09/24/2025	11:44	LB137295
	Zinc	46.1	40.0	115	80 - 120	P	09/24/2025	11:44	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder
Contract: POWE02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3155
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	09/24/2025	12:21	LB137295
	Antimony	5160	5000	103	90 - 110	P	09/24/2025	12:21	LB137295
	Arsenic	4990	5000	100	90 - 110	P	09/24/2025	12:21	LB137295
	Barium	9720	10000	97	90 - 110	P	09/24/2025	12:21	LB137295
	Beryllium	246	250	98	90 - 110	P	09/24/2025	12:21	LB137295
	Boron	4860	5000	97	90 - 110	P	09/24/2025	12:21	LB137295
	Cadmium	2450	2500	98	90 - 110	P	09/24/2025	12:21	LB137295
	Chromium	1020	1000	102	90 - 110	P	09/24/2025	12:21	LB137295
	Cobalt	2450	2500	98	90 - 110	P	09/24/2025	12:21	LB137295
	Copper	1240	1250	99	90 - 110	P	09/24/2025	12:21	LB137295
	Iron	5200	5000	104	90 - 110	P	09/24/2025	12:21	LB137295
	Lead	4870	5000	97	90 - 110	P	09/24/2025	12:21	LB137295
	Manganese	2470	2500	99	90 - 110	P	09/24/2025	12:21	LB137295
	Molybdenum	5180	5000	104	90 - 110	P	09/24/2025	12:21	LB137295
	Nickel	2450	2500	98	90 - 110	P	09/24/2025	12:21	LB137295
	Selenium	5040	5000	101	90 - 110	P	09/24/2025	12:21	LB137295
	Silver	1270	1250	101	90 - 110	P	09/24/2025	12:21	LB137295
	Thallium	4570	5000	92	90 - 110	P	09/24/2025	12:21	LB137295
	Vanadium	2510	2500	100	90 - 110	P	09/24/2025	12:21	LB137295
	Zinc	2570	2500	103	90 - 110	P	09/24/2025	12:21	LB137295
CCV02	Aluminum	10100	10000	101	90 - 110	P	09/24/2025	13:40	LB137295
	Antimony	5260	5000	105	90 - 110	P	09/24/2025	13:40	LB137295
	Arsenic	5130	5000	103	90 - 110	P	09/24/2025	13:40	LB137295
	Barium	9830	10000	98	90 - 110	P	09/24/2025	13:40	LB137295
	Beryllium	256	250	102	90 - 110	P	09/24/2025	13:40	LB137295
	Boron	4980	5000	100	90 - 110	P	09/24/2025	13:40	LB137295
	Cadmium	2490	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
	Chromium	1040	1000	104	90 - 110	P	09/24/2025	13:40	LB137295
	Cobalt	2490	2500	99	90 - 110	P	09/24/2025	13:40	LB137295
	Copper	1260	1250	101	90 - 110	P	09/24/2025	13:40	LB137295
	Iron	5020	5000	100	90 - 110	P	09/24/2025	13:40	LB137295
	Lead	4950	5000	99	90 - 110	P	09/24/2025	13:40	LB137295
	Manganese	2450	2500	98	90 - 110	P	09/24/2025	13:40	LB137295
	Molybdenum	5320	5000	106	90 - 110	P	09/24/2025	13:40	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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	Nickel	2490	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
	Selenium	5200	5000	104	90 - 110	P	09/24/2025	13:40	LB137295
	Silver	1270	1250	102	90 - 110	P	09/24/2025	13:40	LB137295
	Thallium	5010	5000	100	90 - 110	P	09/24/2025	13:40	LB137295
	Vanadium	2510	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
	Zinc	2510	2500	100	90 - 110	P	09/24/2025	13:40	LB137295
CCV03	Aluminum	9940	10000	99	90 - 110	P	09/24/2025	14:42	LB137295
	Antimony	5080	5000	102	90 - 110	P	09/24/2025	14:42	LB137295
	Arsenic	4900	5000	98	90 - 110	P	09/24/2025	14:42	LB137295
	Barium	9580	10000	96	90 - 110	P	09/24/2025	14:42	LB137295
	Beryllium	255	250	102	90 - 110	P	09/24/2025	14:42	LB137295
	Boron	5010	5000	100	90 - 110	P	09/24/2025	14:42	LB137295
	Cadmium	2400	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Chromium	1020	1000	102	90 - 110	P	09/24/2025	14:42	LB137295
	Cobalt	2390	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Copper	1210	1250	97	90 - 110	P	09/24/2025	14:42	LB137295
	Iron	4740	5000	95	90 - 110	P	09/24/2025	14:42	LB137295
	Lead	4760	5000	95	90 - 110	P	09/24/2025	14:42	LB137295
	Manganese	2400	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Molybdenum	5210	5000	104	90 - 110	P	09/24/2025	14:42	LB137295
	Nickel	2390	2500	96	90 - 110	P	09/24/2025	14:42	LB137295
	Selenium	4960	5000	99	90 - 110	P	09/24/2025	14:42	LB137295
	Silver	1230	1250	98	90 - 110	P	09/24/2025	14:42	LB137295
	Thallium	4990	5000	100	90 - 110	P	09/24/2025	14:42	LB137295
	Vanadium	2470	2500	99	90 - 110	P	09/24/2025	14:42	LB137295
	Zinc	2360	2500	94	90 - 110	P	09/24/2025	14:42	LB137295
CCV04	Aluminum	9910	10000	99	90 - 110	P	09/24/2025	15:41	LB137295
	Antimony	5280	5000	106	90 - 110	P	09/24/2025	15:41	LB137295
	Arsenic	5110	5000	102	90 - 110	P	09/24/2025	15:41	LB137295
	Barium	9490	10000	95	90 - 110	P	09/24/2025	15:41	LB137295
	Beryllium	253	250	101	90 - 110	P	09/24/2025	15:41	LB137295
	Boron	4930	5000	99	90 - 110	P	09/24/2025	15:41	LB137295
	Cadmium	2470	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
	Chromium	1030	1000	103	90 - 110	P	09/24/2025	15:41	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder
Contract: POWE02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3155
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Cobalt	2460	2500	98	90 - 110	P	09/24/2025	15:41	LB137295
	Copper	1250	1250	100	90 - 110	P	09/24/2025	15:41	LB137295
	Iron	4960	5000	99	90 - 110	P	09/24/2025	15:41	LB137295
	Lead	4910	5000	98	90 - 110	P	09/24/2025	15:41	LB137295
	Manganese	2400	2500	96	90 - 110	P	09/24/2025	15:41	LB137295
	Molybdenum	5340	5000	107	90 - 110	P	09/24/2025	15:41	LB137295
	Nickel	2470	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
	Selenium	5190	5000	104	90 - 110	P	09/24/2025	15:41	LB137295
	Silver	1260	1250	101	90 - 110	P	09/24/2025	15:41	LB137295
	Thallium	5040	5000	101	90 - 110	P	09/24/2025	15:41	LB137295
	Vanadium	2480	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
	Zinc	2460	2500	99	90 - 110	P	09/24/2025	15:41	LB137295
CCV05	Aluminum	10000	10000	100	90 - 110	P	09/24/2025	16:31	LB137295
	Antimony	5360	5000	107	90 - 110	P	09/24/2025	16:31	LB137295
	Arsenic	5200	5000	104	90 - 110	P	09/24/2025	16:31	LB137295
	Barium	9770	10000	98	90 - 110	P	09/24/2025	16:31	LB137295
	Beryllium	261	250	104	90 - 110	P	09/24/2025	16:31	LB137295
	Boron	5090	5000	102	90 - 110	P	09/24/2025	16:31	LB137295
	Cadmium	2520	2500	101	90 - 110	P	09/24/2025	16:31	LB137295
	Chromium	1050	1000	105	90 - 110	P	09/24/2025	16:31	LB137295
	Cobalt	2500	2500	100	90 - 110	P	09/24/2025	16:31	LB137295
	Copper	1280	1250	102	90 - 110	P	09/24/2025	16:31	LB137295
	Iron	4990	5000	100	90 - 110	P	09/24/2025	16:31	LB137295
	Lead	5000	5000	100	90 - 110	P	09/24/2025	16:31	LB137295
	Manganese	2450	2500	98	90 - 110	P	09/24/2025	16:31	LB137295
	Molybdenum	5370	5000	107	90 - 110	P	09/24/2025	16:31	LB137295
	Nickel	2510	2500	101	90 - 110	P	09/24/2025	16:31	LB137295
	Selenium	5310	5000	106	90 - 110	P	09/24/2025	16:31	LB137295
	Silver	1280	1250	102	90 - 110	P	09/24/2025	16:31	LB137295
	Thallium	5130	5000	103	90 - 110	P	09/24/2025	16:31	LB137295
	Vanadium	2510	2500	101	90 - 110	P	09/24/2025	16:31	LB137295
	Zinc	2540	2500	102	90 - 110	P	09/24/2025	16:31	LB137295
CCV06	Aluminum	10000	10000	100	90 - 110	P	09/24/2025	17:33	LB137295
	Antimony	5170	5000	103	90 - 110	P	09/24/2025	17:33	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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
CCV06	Arsenic	5040	5000	101	90 - 110	P	09/24/2025	17:33	LB137295
	Barium	9650	10000	96	90 - 110	P	09/24/2025	17:33	LB137295
	Beryllium	265	250	106	90 - 110	P	09/24/2025	17:33	LB137295
	Boron	5140	5000	103	90 - 110	P	09/24/2025	17:33	LB137295
	Cadmium	2460	2500	98	90 - 110	P	09/24/2025	17:33	LB137295
	Chromium	1040	1000	104	90 - 110	P	09/24/2025	17:33	LB137295
	Cobalt	2450	2500	98	90 - 110	P	09/24/2025	17:33	LB137295
	Copper	1240	1250	99	90 - 110	P	09/24/2025	17:33	LB137295
	Iron	4900	5000	98	90 - 110	P	09/24/2025	17:33	LB137295
	Lead	4890	5000	98	90 - 110	P	09/24/2025	17:33	LB137295
	Manganese	2430	2500	97	90 - 110	P	09/24/2025	17:33	LB137295
	Molybdenum	5290	5000	106	90 - 110	P	09/24/2025	17:33	LB137295
	Nickel	2460	2500	98	90 - 110	P	09/24/2025	17:33	LB137295
	Selenium	5120	5000	102	90 - 110	P	09/24/2025	17:33	LB137295
	Silver	1270	1250	102	90 - 110	P	09/24/2025	17:33	LB137295
	Thallium	4830	5000	97	90 - 110	P	09/24/2025	17:33	LB137295
	Vanadium	2510	2500	100	90 - 110	P	09/24/2025	17:33	LB137295
	Zinc	2710	2500	108	90 - 110	P	09/24/2025	17:33	LB137295
CCV07	Aluminum	9820	10000	98	90 - 110	P	09/24/2025	18:37	LB137295
	Antimony	5150	5000	103	90 - 110	P	09/24/2025	18:37	LB137295
	Arsenic	5030	5000	101	90 - 110	P	09/24/2025	18:37	LB137295
	Barium	9460	10000	95	90 - 110	P	09/24/2025	18:37	LB137295
	Beryllium	256	250	102	90 - 110	P	09/24/2025	18:37	LB137295
	Boron	4980	5000	100	90 - 110	P	09/24/2025	18:37	LB137295
	Cadmium	2420	2500	97	90 - 110	P	09/24/2025	18:37	LB137295
	Chromium	1020	1000	102	90 - 110	P	09/24/2025	18:37	LB137295
	Cobalt	2420	2500	97	90 - 110	P	09/24/2025	18:37	LB137295
	Copper	1230	1250	98	90 - 110	P	09/24/2025	18:37	LB137295
	Iron	4850	5000	97	90 - 110	P	09/24/2025	18:37	LB137295
	Lead	4820	5000	96	90 - 110	P	09/24/2025	18:37	LB137295
	Manganese	2370	2500	95	90 - 110	P	09/24/2025	18:37	LB137295
	Molybdenum	5270	5000	105	90 - 110	P	09/24/2025	18:37	LB137295
	Nickel	2420	2500	97	90 - 110	P	09/24/2025	18:37	LB137295
	Selenium	5120	5000	102	90 - 110	P	09/24/2025	18:37	LB137295

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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	Silver	1250	1250	100	90 - 110	P	09/24/2025	18:37	LB137295
	Thallium	5170	5000	103	90 - 110	P	09/24/2025	18:37	LB137295
	Vanadium	2470	2500	99	90 - 110	P	09/24/2025	18:37	LB137295
	Zinc	2500	2500	100	90 - 110	P	09/24/2025	18:37	LB137295
CCV08	Aluminum	9850	10000	98	90 - 110	P	09/24/2025	19:03	LB137295
	Antimony	5280	5000	106	90 - 110	P	09/24/2025	19:03	LB137295
	Arsenic	5170	5000	103	90 - 110	P	09/24/2025	19:03	LB137295
	Barium	9540	10000	95	90 - 110	P	09/24/2025	19:03	LB137295
	Beryllium	259	250	104	90 - 110	P	09/24/2025	19:03	LB137295
	Boron	5040	5000	101	90 - 110	P	09/24/2025	19:03	LB137295
	Cadmium	2480	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Chromium	1030	1000	103	90 - 110	P	09/24/2025	19:03	LB137295
	Cobalt	2470	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Copper	1260	1250	101	90 - 110	P	09/24/2025	19:03	LB137295
	Iron	4890	5000	98	90 - 110	P	09/24/2025	19:03	LB137295
	Lead	4920	5000	98	90 - 110	P	09/24/2025	19:03	LB137295
	Manganese	2380	2500	95	90 - 110	P	09/24/2025	19:03	LB137295
	Molybdenum	5330	5000	107	90 - 110	P	09/24/2025	19:03	LB137295
	Nickel	2480	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Selenium	5270	5000	105	90 - 110	P	09/24/2025	19:03	LB137295
	Silver	1270	1250	102	90 - 110	P	09/24/2025	19:03	LB137295
	Thallium	5110	5000	102	90 - 110	P	09/24/2025	19:03	LB137295
	Vanadium	2480	2500	99	90 - 110	P	09/24/2025	19:03	LB137295
	Zinc	2540	2500	102	90 - 110	P	09/24/2025	19:03	LB137295

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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	0.19	0.2	96	70 - 130	CV	09/23/2025	09:16	LB137272
CRI01	Aluminum	109	100	109	65 - 135	P	09/24/2025	12:00	LB137295
	Antimony	50.9	50.0	102	65 - 135	P	09/24/2025	12:00	LB137295
	Arsenic	20.9	20.0	105	65 - 135	P	09/24/2025	12:00	LB137295
	Barium	97.2	100	97	65 - 135	P	09/24/2025	12:00	LB137295
	Beryllium	6.16	6.0	103	65 - 135	P	09/24/2025	12:00	LB137295
	Boron	93.6	100	94	65 - 135	P	09/24/2025	12:00	LB137295
	Cadmium	5.84	6.0	97	65 - 135	P	09/24/2025	12:00	LB137295
	Chromium	9.93	10.0	99	65 - 135	P	09/24/2025	12:00	LB137295
	Cobalt	29.5	30.0	98	65 - 135	P	09/24/2025	12:00	LB137295
	Copper	20.7	20.0	104	65 - 135	P	09/24/2025	12:00	LB137295
	Iron	94.1	100	94	65 - 135	P	09/24/2025	12:00	LB137295
	Lead	11.1	12.0	92	65 - 135	P	09/24/2025	12:00	LB137295
	Manganese	20.4	20.0	102	65 - 135	P	09/24/2025	12:00	LB137295
	Molybdenum	204	200	102	65 - 135	P	09/24/2025	12:00	LB137295
	Nickel	40.0	40.0	100	65 - 135	P	09/24/2025	12:00	LB137295
	Selenium	21.7	20.0	109	65 - 135	P	09/24/2025	12:00	LB137295
	Silver	11.5	10.0	115	65 - 135	P	09/24/2025	12:00	LB137295
	Thallium	37.5	40.0	94	65 - 135	P	09/24/2025	12:00	LB137295
	Vanadium	44.3	40.0	111	65 - 135	P	09/24/2025	12:00	LB137295
	Zinc	45.8	40.0	115	65 - 135	P	09/24/2025	12:00	LB137295



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB40	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	09:06	LB137272

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB20	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	09:11	LB137272
CCB21	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	09:43	LB137272
CCB22	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	10:14	LB137272
CCB23	Mercury	0.076	+/-0.2	U	0.20	CV	09/23/2025	10:24	LB137272

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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	09/24/2025	11:56	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	11:56	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	11:56	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	11:56	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	11:56	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	11:56	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	11:56	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	11:56	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	11:56	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	11:56	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	11:56	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	11:56	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	11:56	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	11:56	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	11:56	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	11:56	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	11:56	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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	09/24/2025	12:26	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	12:26	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	12:26	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	12:26	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	12:26	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	12:26	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	12:26	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	12:26	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	12:26	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	12:26	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	12:26	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	12:26	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	12:26	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	12:26	LB137295
CCB02	Aluminum	11.3	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	13:44	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	13:44	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	13:44	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	13:44	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	13:44	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	13:44	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	13:44	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	13:44	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	13:44	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	13:44	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	13:44	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	13:44	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	13:44	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	13:44	LB137295
CCB03	Aluminum	11.3	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	14:46	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	14:46	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	14:46	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	14:46	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	14:46	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	14:46	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	14:46	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	14:46	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	14:46	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	14:46	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	14:46	LB137295
CCB04	Aluminum	11.3	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	15:46	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	15:46	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	15:46	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	15:46	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	15:46	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	15:46	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	15:46	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	15:46	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	15:46	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	15:46	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	15:46	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	15:46	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	15:46	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	15:46	LB137295
CCB05	Aluminum	11.3	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	16:35	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	16:35	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	16:35	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	16:35	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	16:35	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	16:35	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	16:35	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	16:35	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	16:35	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	16:35	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	16:35	LB137295
CCB06	Aluminum	11.3	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	17:37	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	17:37	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	17:37	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	17:37	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	17:37	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	17:37	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	17:37	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	17:37	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	17:37	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	17:37	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	17:37	LB137295
CCB07	Aluminum	11.3	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	18:42	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	18:42	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	18:42	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	18:42	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	18:42	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	18:42	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	18:42	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	18:42	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	18:42	LB137295
	Silver	1.62	+/-5	U	10.0	P	09/24/2025	18:42	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	18:42	LB137295
CCB08	Aluminum	11.3	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Antimony	6.76	+/-25	U	50.0	P	09/24/2025	19:07	LB137295
	Arsenic	5.12	+/-10	U	20.0	P	09/24/2025	19:07	LB137295
	Barium	14.6	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Beryllium	0.56	+/-3	U	6.00	P	09/24/2025	19:07	LB137295
	Boron	15.7	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Cadmium	0.50	+/-3	U	6.00	P	09/24/2025	19:07	LB137295
	Chromium	2.12	+/-5	U	10.0	P	09/24/2025	19:07	LB137295
	Cobalt	2.26	+/-15	U	30.0	P	09/24/2025	19:07	LB137295
	Copper	4.60	+/-10	U	20.0	P	09/24/2025	19:07	LB137295
	Iron	23.4	+/-50	U	100	P	09/24/2025	19:07	LB137295
	Lead	2.30	+/-6	U	12.0	P	09/24/2025	19:07	LB137295
	Manganese	5.94	+/-10	U	20.0	P	09/24/2025	19:07	LB137295
	Molybdenum	18.7	+/-100	U	200	P	09/24/2025	19:07	LB137295
	Nickel	3.06	+/-20	U	40.0	P	09/24/2025	19:07	LB137295
	Selenium	9.64	+/-10	U	20.0	P	09/24/2025	19:07	LB137295

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Silver	1.62	+/-5	U	10.0	P	09/24/2025	19:07	LB137295
	Thallium	4.38	+/-20	U	40.0	P	09/24/2025	19:07	LB137295
	Vanadium	6.26	+/-20	U	40.0	P	09/24/2025	19:07	LB137295
	Zinc	16.7	+/-20	U	40.0	P	09/24/2025	19:07	LB137295

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169787BL		SOLID		Batch Number:	PB169787		Prep Date:	09/22/2025	
	Mercury	0.0070	<0.013	U	0.013	CV	09/23/2025	09:23	LB137272

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169761BL	SOLID			Batch Number:	PB169761		Prep Date:	09/22/2025	
	Aluminum	0.84	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Antimony	0.22	<1.25	U	2.50	P	09/24/2025	16:26	LB137295
	Arsenic	0.19	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Barium	0.73	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Beryllium	0.025	<0.15	U	0.30	P	09/24/2025	16:26	LB137295
	Boron	0.80	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Cadmium	0.024	<0.15	U	0.30	P	09/24/2025	16:26	LB137295
	Chromium	0.047	<0.25	U	0.50	P	09/24/2025	16:26	LB137295
	Cobalt	0.10	<0.75	U	1.50	P	09/24/2025	16:26	LB137295
	Copper	0.22	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Iron	3.99	<2.5	U	5.00	P	09/24/2025	16:26	LB137295
	Lead	0.13	<0.3	U	0.60	P	09/24/2025	16:26	LB137295
	Manganese	0.14	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Molybdenum	0.81	<5	U	10.0	P	09/24/2025	16:26	LB137295
	Nickel	0.13	<1	U	2.00	P	09/24/2025	16:26	LB137295
	Selenium	0.26	<0.5	U	1.00	P	09/24/2025	16:26	LB137295
	Silver	0.12	<0.25	U	0.50	P	09/24/2025	16:26	LB137295
	Thallium	0.23	<1	U	2.00	P	09/24/2025	16:26	LB137295
	Vanadium	0.25	<1	U	2.00	P	09/24/2025	16:26	LB137295
	Zinc	0.23	<1	U	2.00	P	09/24/2025	16:26	LB137295

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Kleinfelder</u>	SDG No.: <u>Q3155</u>
Contract: <u>POWE02</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	247000	255000	97	216000	294000	09/24/2025	12:04	LB137295
	Antimony	-1.57			-50	50	09/24/2025	12:04	LB137295
	Arsenic	7.04			-20	20	09/24/2025	12:04	LB137295
	Barium	1.38	6.0	23	-94	106	09/24/2025	12:04	LB137295
	Beryllium	1.90			-6	6	09/24/2025	12:04	LB137295
	Boron	46.0	1000	5	-100	100	09/24/2025	12:04	LB137295
	Cadmium	1.05	1.0	105	-5	7	09/24/2025	12:04	LB137295
	Chromium	49.2	52.0	95	42	62	09/24/2025	12:04	LB137295
	Cobalt	1.52			-30	30	09/24/2025	12:04	LB137295
	Copper	15.3	2.0	765	-18	22	09/24/2025	12:04	LB137295
	Iron	103000	101000	102	85600	116500	09/24/2025	12:04	LB137295
	Lead	0.29			-12	12	09/24/2025	12:04	LB137295
	Manganese	7.06	7.0	101	-13	27	09/24/2025	12:04	LB137295
	Molybdenum	3.89	1000		-200	200	09/24/2025	12:04	LB137295
	Nickel	4.00	2.0	200	-38	42	09/24/2025	12:04	LB137295
	Selenium	5.58			-20	20	09/24/2025	12:04	LB137295
	Silver	3.73			-10	10	09/24/2025	12:04	LB137295
	Thallium	-0.065			-40	40	09/24/2025	12:04	LB137295
	Vanadium	6.87			-40	40	09/24/2025	12:04	LB137295
	Zinc	5.23			-40	40	09/24/2025	12:04	LB137295
ICSAB01	Aluminum	248000	247000	100	209000	285000	09/24/2025	12:08	LB137295
	Antimony	618	618	100	525	711	09/24/2025	12:08	LB137295
	Arsenic	109	104	105	88.4	120	09/24/2025	12:08	LB137295
	Barium	477	537	89	437	637	09/24/2025	12:08	LB137295
	Beryllium	483	495	98	420	570	09/24/2025	12:08	LB137295
	Boron	950	1000	95	850	1150	09/24/2025	12:08	LB137295
	Cadmium	959	972	99	826	1120	09/24/2025	12:08	LB137295
	Chromium	549	542	101	460	624	09/24/2025	12:08	LB137295
	Cobalt	482	476	101	404	548	09/24/2025	12:08	LB137295
	Copper	484	511	95	434	588	09/24/2025	12:08	LB137295
	Iron	103000	99300	104	84400	114500	09/24/2025	12:08	LB137295
	Lead	46.7	49.0	95	37	61	09/24/2025	12:08	LB137295
	Manganese	477	507	94	430	584	09/24/2025	12:08	LB137295
	Molybdenum	1010	1000	101	850	1150	09/24/2025	12:08	LB137295
	Nickel	961	954	101	810	1100	09/24/2025	12:08	LB137295
	Selenium	55.6	46.0	121	26	66	09/24/2025	12:08	LB137295
	Silver	214	201	106	170	232	09/24/2025	12:08	LB137295
	Thallium	87.8	108	81	68	148	09/24/2025	12:08	LB137295
	Vanadium	479	491	98	417	565	09/24/2025	12:08	LB137295
	Zinc	1040	952	109	809	1095	09/24/2025	12:08	LB137295



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q3155
contract: POWE02 **lab code:** ACE
matrix: Solid **sample id:** Q3157-01 **client id:** 20-DEAD-1MS

Percent Solids for Sample: 90.9 **Spiked ID:** Q3157-01MS **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8940		7720		91.7	1332		P
Antimony	mg/Kg	75 - 125	15.4		2.39	U	36.7	42	N	P
Arsenic	mg/Kg	75 - 125	33.3		2.77		36.7	83		P
Barium	mg/Kg	75 - 125	54.4		43.5		9.2	119		P
Beryllium	mg/Kg	75 - 125	8.36		0.62		9.2	84		P
Boron	mg/Kg	75 - 125	31.2		11.3		13.8	144	N	P
Cadmium	mg/Kg	75 - 125	9.73		0.42		9.2	101		P
Chromium	mg/Kg	75 - 125	31.8		15.2		18.3	90		P
Cobalt	mg/Kg	75 - 125	20.0		9.74		9.2	111		P
Copper	mg/Kg	75 - 125	44.6		33.5		13.8	81		P
Iron	mg/Kg	75 - 125	17300		17600		140	-192		P
Lead	mg/Kg	75 - 125	63.8		54.1		45.8	21	N	P
Manganese	mg/Kg	75 - 125	358		316		9.2	449		P
Molybdenum	mg/Kg	75 - 125	16.3		9.57	U	18.3	89		P
Nickel	mg/Kg	75 - 125	40.0		15.7		22.9	106		P
Selenium	mg/Kg	75 - 125	75.9		0.96	U	91.7	83		P
Silver	mg/Kg	75 - 125	3.21		0.42	J	3.4	82		P
Thallium	mg/Kg	75 - 125	80.1		1.91	U	91.7	87		P
Vanadium	mg/Kg	75 - 125	45.7		33.2		13.8	91		P
Zinc	mg/Kg	75 - 125	45.3		38.9		9.2	70		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q3155
contract: POWE02 **lab code:** ACE
matrix: Solid **sample id:** Q3157-01 **client id:** 20-DEAD-1MSD

Percent Solids for Sample: 90.9 **Spiked ID:** Q3157-01MSD **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8530		7720		95.7	844		P
Antimony	mg/Kg	75 - 125	15.4		2.39	U	38.3	40	N	P
Arsenic	mg/Kg	75 - 125	33.2		2.77		38.3	80		P
Barium	mg/Kg	75 - 125	55.1		43.5		9.6	121		P
Beryllium	mg/Kg	75 - 125	8.29		0.62		9.6	80		P
Boron	mg/Kg	75 - 125	22.0		11.3		14.3	75		P
Cadmium	mg/Kg	75 - 125	9.45		0.42		9.6	94		P
Chromium	mg/Kg	75 - 125	31.1		15.2		19.1	83		P
Cobalt	mg/Kg	75 - 125	19.6		9.74		9.6	103		P
Copper	mg/Kg	75 - 125	43.3		33.5		14.3	69	N	P
Iron	mg/Kg	75 - 125	17200		17600		140	-261		P
Lead	mg/Kg	75 - 125	60.8		54.1		47.8	14	N	P
Manganese	mg/Kg	75 - 125	404		316		9.6	910		P
Molybdenum	mg/Kg	75 - 125	16.4		9.57	U	19.1	86		P
Nickel	mg/Kg	75 - 125	41.7		15.7		23.9	109		P
Selenium	mg/Kg	75 - 125	75.4		0.96	U	95.7	79		P
Silver	mg/Kg	75 - 125	3.37		0.42	J	3.6	82		P
Thallium	mg/Kg	75 - 125	79.5		1.91	U	95.7	83		P
Vanadium	mg/Kg	75 - 125	42.9		33.2		14.3	68	N	P
Zinc	mg/Kg	75 - 125	44.8		38.9		9.6	62		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Kleinfelder</u>	level: <u>low</u>	sdg no.: <u>Q3155</u>
contract: <u>POWE02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3159-03</u>	client id: <u>VNJ-255MS</u>
Percent Solids for Sample: 91.5	Spiked ID: Q3159-03MS	Percent Solids for Spike Sample: 91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.30		0.017		0.26	107		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q3155
contract: POWE02 **lab code:** ACE
matrix: Solid **sample id:** Q3159-03 **client id:** VNJ-255MSD
Percent Solids for Sample: 91.5 **Spiked ID:** Q3159-03MSD **Percent Solids for Spike Sample:** 91.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.017		0.27	121	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE
Matrix: Solid **Level:** LOW **Client ID:** 20-DEAD-1A
Sample ID: Q3157-01 **Spiked ID:** Q3157-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	33.0		2.39	U	38.3	86		P
Boron	mg/Kg	75 - 125	21.1		11.3		14.3	69	N	P
Copper	mg/Kg	75 - 125	44.8		33.5		14.3	79		P
Lead	mg/Kg	75 - 125	95.9		54.1		47.8	87		P
Vanadium	mg/Kg	75 - 125	45.4		33.2		14.3	85		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q3155
Contract: POWE02 **Lab Code:** ACE
Matrix: Solid **Level:** LOW **Client ID:** VNJ-255A
Sample ID: Q3159-03 **Spiked ID:** Q3159-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.017		0.27	115		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Kleinfelder</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3155</u>
Contract:	<u>POWE02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3157-01</u>	Client ID:	<u>20-DEAD-1DUP</u>
Percent Solids for Sample:	90.9	Duplicate ID	Q3157-01DUP	Percent Solids for Spike Sample:	90.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7720		7880		2		P
Antimony	mg/Kg	20	2.39	U	2.62	U			P
Arsenic	mg/Kg	20	2.77		2.64		5		P
Barium	mg/Kg	20	43.5		45.9		5		P
Beryllium	mg/Kg	20	0.62		0.68		8		P
Boron	mg/Kg	20	11.3		9.75		15		P
Cadmium	mg/Kg	20	0.42		0.44		5		P
Chromium	mg/Kg	20	15.2		15.6		3		P
Cobalt	mg/Kg	20	9.74		11.0		12		P
Copper	mg/Kg	20	33.5		34.1		2		P
Iron	mg/Kg	20	17600		17900		2		P
Lead	mg/Kg	20	54.1		18.2		99	*	P
Manganese	mg/Kg	20	316		388		20		P
Molybdenum	mg/Kg	20	9.57	U	10.5	U			P
Nickel	mg/Kg	20	15.7		16.9		7		P
Selenium	mg/Kg	20	0.96	U	1.05	U			P
Silver	mg/Kg	20	0.42	J	0.29	J	36		P
Thallium	mg/Kg	20	1.91	U	2.10	U			P
Vanadium	mg/Kg	20	33.2		33.4		1		P
Zinc	mg/Kg	20	38.9		38.5		1		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Kleinfelder</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3155</u>
Contract:	<u>POWE02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3157-01MS</u>	Client ID:	<u>20-DEAD-1MSD</u>
Percent Solids for Sample:	90.9	Duplicate ID	Q3157-01MSD	Percent Solids for Spike Sample:	90.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8940		8530		5		P
Antimony	mg/Kg	20	15.4		15.4		0		P
Arsenic	mg/Kg	20	33.3		33.2		0		P
Barium	mg/Kg	20	54.4		55.1		1		P
Beryllium	mg/Kg	20	8.36		8.29		1		P
Boron	mg/Kg	20	31.2		22.0		35	*	P
Cadmium	mg/Kg	20	9.73		9.45		3		P
Chromium	mg/Kg	20	31.8		31.1		2		P
Cobalt	mg/Kg	20	20.0		19.6		2		P
Copper	mg/Kg	20	44.6		43.3		3		P
Iron	mg/Kg	20	17300		17200		1		P
Lead	mg/Kg	20	63.8		60.8		5		P
Manganese	mg/Kg	20	358		404		12		P
Molybdenum	mg/Kg	20	16.3		16.4		1		P
Nickel	mg/Kg	20	40.0		41.7		4		P
Selenium	mg/Kg	20	75.9		75.4		1		P
Silver	mg/Kg	20	3.21		3.37		5		P
Thallium	mg/Kg	20	80.1		79.5		1		P
Vanadium	mg/Kg	20	45.7		42.9		6		P
Zinc	mg/Kg	20	45.3		44.8		1		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: <u>Kleinfelder</u>	Level: <u>LOW</u>	SDG No.: <u>Q3155</u>
Contract: <u>POWE02</u>		Lab Code: <u>ACE</u>
Matrix: <u>Solid</u>	Sample ID: <u>Q3159-03</u>	Client ID: <u>VNJ-255DUP</u>
Percent Solids for Sample: 91.5	Duplicate ID Q3159-03DUP	Percent Solids for Spike Sample: 91.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.017		0.016		6		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Kleinfelder</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3155</u>
Contract:	<u>POWE02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3159-03MS</u>	Client ID:	<u>VNJ-255MSD</u>
Percent Solids for Sample:	91.5	Duplicate ID	Q3159-03MSD	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.30		0.34		15		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Kleinfelder</u>	SDG No.:	<u>Q3155</u>
Contract:	<u>POWE02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169761BS							
Aluminum	mg/Kg	100	101		101	80 - 120	P
Antimony	mg/Kg	40.0	42.1		105	80 - 120	P
Arsenic	mg/Kg	40.0	40.5		101	80 - 120	P
Barium	mg/Kg	10.0	9.35		94	80 - 120	P
Beryllium	mg/Kg	10.0	10.8		108	80 - 120	P
Boron	mg/Kg	15.0	15.3		102	80 - 120	P
Cadmium	mg/Kg	10.0	9.81		98	80 - 120	P
Chromium	mg/Kg	20.0	21.0		105	80 - 120	P
Cobalt	mg/Kg	10.0	9.89		99	80 - 120	P
Copper	mg/Kg	15.0	15.6		104	80 - 120	P
Iron	mg/Kg	150	147		98	80 - 120	P
Lead	mg/Kg	50.0	48.7		97	80 - 120	P
Manganese	mg/Kg	10.0	9.93		99	80 - 120	P
Molybdenum	mg/Kg	20.0	21.6		108	80 - 120	P
Nickel	mg/Kg	25.0	24.9		100	80 - 120	P
Selenium	mg/Kg	100	104		104	80 - 120	P
Silver	mg/Kg	3.8	3.93		103	80 - 120	P
Thallium	mg/Kg	100	94.1		94	80 - 120	P
Vanadium	mg/Kg	15.0	15.3		102	80 - 120	P
Zinc	mg/Kg	10.0	10.2		102	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169787BS Mercury	mg/Kg	0.26	0.29		113	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

20-DEAD-1L

Lab Name: Alliance **Contract:** POWE02
Lab Code: ACE **Lb No.:** lb137295 **Lab Sample ID :** Q3157-01L **SDG No.:** Q3155
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	7720		10000		30		P
Antimony	2.39	U	12.0	U			P
Arsenic	2.77		3.04	J	10		P
Barium	43.5		54.5		25		P
Beryllium	0.62		0.85	J	37		P
Boron	11.3		8.88	J	21		P
Cadmium	0.42		1.43	U	100.0		P
Chromium	15.2		19.7		30		P
Cobalt	9.74		10.6		9		P
Copper	33.5		44.8		34		P
Iron	17600		21900		25		P
Lead	54.1		60.1		11		P
Manganese	316		419		33		P
Molybdenum	9.57	U	47.8	U			P
Nickel	15.7		17.5		12		P
Selenium	0.96	U	4.78	U			P
Silver	0.42	J	2.39	U	100.0		P
Thallium	1.91	U	9.57	U			P
Vanadium	33.2		43.9		32		P
Zinc	38.9		48.8		25		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-255L

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

Lb No.: lb137272

Lab Sample ID : Q3159-03L

SDG No.: Q3155

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.017	0.067 U	100.0		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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
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
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
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
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 INTERELEMEN CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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
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
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
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
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 INTERELEMEN CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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
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
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
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
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 INTERELEMEN CORRECTION FACTORS

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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
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
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
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
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: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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
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
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
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
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: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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: PB169761							
PB169761BL	PB169761BL	MB	SOLID	09/22/2025	2.00	100.0	100.00
PB169761BS	PB169761BS	LCS	SOLID	09/22/2025	2.00	100.0	100.00
Q3155-01	COMP-1	SAM	SOLID	09/22/2025	2.22	100.0	87.80
Q3155-02	COMP-2	SAM	SOLID	09/22/2025	2.26	100.0	91.10
Q3155-03	COMP-3	SAM	SOLID	09/22/2025	2.22	100.0	91.80
Q3157-01DUP	20-DEAD-1DUP	DUP	SOLID	09/22/2025	2.10	100.0	90.90
Q3157-01MS	20-DEAD-1MS	MS	SOLID	09/22/2025	2.40	100.0	90.90
Q3157-01MSD	20-DEAD-1MSD	MSD	SOLID	09/22/2025	2.30	100.0	90.90

Metals

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder

SDG No.: Q3155

Contract: POWE02

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: PB169787							
PB169787BL	PB169787BL	MB	SOLID	09/22/2025	0.56	35.0	100.00
PB169787BS	PB169787BS	LCS	SOLID	09/22/2025	0.53	35.0	100.00
Q3155-01	COMP-1	SAM	SOLID	09/22/2025	0.54	35.0	87.80
Q3155-02	COMP-2	SAM	SOLID	09/22/2025	0.54	35.0	91.10
Q3155-03	COMP-3	SAM	SOLID	09/22/2025	0.57	35.0	91.80
Q3159-03DUP	VNJ-255DUP	DUP	SOLID	09/22/2025	0.58	35.0	91.50
Q3159-03MS	VNJ-255MS	MS	SOLID	09/22/2025	0.60	35.0	91.50
Q3159-03MSD	VNJ-255MSD	MSD	SOLID	09/22/2025	0.57	35.0	91.50

metals
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ANALYSIS RUN LOG

Client: Kleinfelder

Contract: POWE02

Lab code: ACE

Sdg no.: Q3155

Instrument id number: _____

Method: _____

Run number: LB137272

Start date: 09/23/2025

End date: 09/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0840	HG
S0.2	S0.2	1	0842	HG
S2.5	S2.5	1	0844	HG
S5	S5	1	0846	HG
S7.5	S7.5	1	0852	HG
S10	S10	1	0858	HG
ICV40	ICV40	1	0904	HG
ICB40	ICB40	1	0906	HG
CCV20	CCV20	1	0909	HG
CCB20	CCB20	1	0911	HG
CRA	CRA	1	0916	HG
PB169787BL	PB169787BL	1	0923	HG
PB169787BS	PB169787BS	1	0926	HG
CCV21	CCV21	1	0940	HG
CCB21	CCB21	1	0943	HG
Q3155-01	COMP-1	1	0945	HG
Q3155-02	COMP-2	1	0948	HG
Q3155-03	COMP-3	1	0950	HG
Q3159-03DUP	VNJ-255DUP	1	1005	HG
Q3159-03MS	VNJ-255MS	1	1007	HG
Q3159-03MSD	VNJ-255MSD	1	1009	HG
CCV22	CCV22	1	1012	HG
CCB22	CCB22	1	1014	HG
Q3159-03L	VNJ-255L	5	1017	HG
Q3159-03A	VNJ-255A	1	1019	HG
CCV23	CCV23	1	1022	HG
CCB23	CCB23	1	1024	HG

metals
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ANALYSIS RUN LOG

Client: Kleinfelder

Contract: POWE02

Lab code: ACE

Sdg no.: Q3155

Instrument id number: _____

Method: _____

Run number: LB137295

Start date: 09/24/2025

End date: 09/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1054	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1058	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1103	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1107	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1110	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1115	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1134	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1144	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1156	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1200	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1204	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1208	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1221	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1226	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1340	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1344	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1442	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1446	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3155-01	COMP-1	1	1537	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1541	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1546	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3155-02	COMP-2	1	1550	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3155-03	COMP-3	1	1554	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01DUP	20-DEAD-1DUP	1	1602	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01L	20-DEAD-1L	5	1606	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01MS	20-DEAD-1MS	1	1610	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01MSD	20-DEAD-1MSD	1	1614	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q3157-01A	20-DEAD-1A	1	1618	B,Cu,Pb,Sb,V
PB169761BS	PB169761BS	1	1622	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB169761BL	PB169761BL	1	1626	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1631	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1635	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1733	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1737	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1837	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1842	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1903	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1907	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn