

LAB CHRONICLE

OrderID:	P5382	OrderDate:	12/23/2024 11:39:00 AM
Client:	Kleinfelder	Project:	Comegys School
Contact:	Mark Warchol	Location:	N31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5382-01	COMP-1	SOIL			12/20/24			12/23/24
			Mercury	7471B		12/26/24	12/26/24	
			Metals ICP-Group1	6010D		12/26/24	12/30/24	
P5382-02	COMP-2	SOIL			12/20/24			12/23/24
			Mercury	7471B		12/26/24	12/26/24	
			Metals ICP-Group1	6010D		12/26/24	12/30/24	
P5382-03	COMP-3	SOIL			12/20/24			12/23/24
			Mercury	7471B		12/26/24	12/26/24	
			Metals ICP-Group1	6010D		12/26/24	12/30/24	

Hit Summary Sheet
SW-846

SDG No.: P5382

Order ID: P5382

Client: Kleinfelder

Project ID: Comegys School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
P5382-01	COMP-1	SOIL	Aluminum	14200		2.73	5.67	mg/Kg
P5382-01	COMP-1	SOIL	Arsenic	4.48		0.33	1.13	mg/Kg
P5382-01	COMP-1	SOIL	Barium	47.4		0.73	5.67	mg/Kg
P5382-01	COMP-1	SOIL	Beryllium	1.11		0.014	0.34	mg/Kg
P5382-01	COMP-1	SOIL	Boron	15.5		0.90	5.67	mg/Kg
P5382-01	COMP-1	SOIL	Chromium	29.3		0.061	0.57	mg/Kg
P5382-01	COMP-1	SOIL	Cobalt	9.74		0.066	1.70	mg/Kg
P5382-01	COMP-1	SOIL	Copper	27.8		0.53	1.13	mg/Kg
P5382-01	COMP-1	SOIL	Iron	26200		3.05	5.67	mg/Kg
P5382-01	COMP-1	SOIL	Lead	30.4		0.17	0.68	mg/Kg
P5382-01	COMP-1	SOIL	Manganese	190		0.081	1.13	mg/Kg
P5382-01	COMP-1	SOIL	Mercury	0.18		0.0070	0.015	mg/Kg
P5382-01	COMP-1	SOIL	Molybdenum	0.79	J	0.36	11.3	mg/Kg
P5382-01	COMP-1	SOIL	Nickel	14.6		0.10	2.27	mg/Kg
P5382-01	COMP-1	SOIL	Vanadium	50.0		0.31	2.27	mg/Kg
P5382-01	COMP-1	SOIL	Zinc	37.0		0.13	2.27	mg/Kg
Client ID : COMP-2								
P5382-02	COMP-2	SOIL	Aluminum	7540		2.43	5.05	mg/Kg
P5382-02	COMP-2	SOIL	Arsenic	3.29		0.29	1.01	mg/Kg
P5382-02	COMP-2	SOIL	Barium	47.1		0.65	5.05	mg/Kg
P5382-02	COMP-2	SOIL	Beryllium	0.65		0.012	0.30	mg/Kg
P5382-02	COMP-2	SOIL	Boron	8.28		0.80	5.05	mg/Kg
P5382-02	COMP-2	SOIL	Chromium	14.4		0.055	0.51	mg/Kg
P5382-02	COMP-2	SOIL	Cobalt	7.20		0.059	1.52	mg/Kg
P5382-02	COMP-2	SOIL	Copper	15.2		0.48	1.01	mg/Kg
P5382-02	COMP-2	SOIL	Iron	12600		2.72	5.05	mg/Kg
P5382-02	COMP-2	SOIL	Lead	47.3		0.15	0.61	mg/Kg
P5382-02	COMP-2	SOIL	Manganese	140		0.072	1.01	mg/Kg
P5382-02	COMP-2	SOIL	Mercury	0.28		0.0070	0.016	mg/Kg
P5382-02	COMP-2	SOIL	Molybdenum	0.50	J	0.32	10.1	mg/Kg
P5382-02	COMP-2	SOIL	Nickel	9.97		0.091	2.02	mg/Kg
P5382-02	COMP-2	SOIL	Vanadium	20.3		0.27	2.02	mg/Kg
P5382-02	COMP-2	SOIL	Zinc	30.0		0.11	2.02	mg/Kg
Client ID : COMP-3								
P5382-03	COMP-3	SOIL	Aluminum	9690		2.48	5.14	mg/Kg
P5382-03	COMP-3	SOIL	Arsenic	4.59		0.30	1.03	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: P5382

Order ID: P5382

Client: Kleinfelder

Project ID: Comegys School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5382-03	COMP-3	SOIL	Barium	56.5		0.66	5.14	mg/Kg
P5382-03	COMP-3	SOIL	Beryllium	0.70		0.012	0.31	mg/Kg
P5382-03	COMP-3	SOIL	Boron	10.3		0.81	5.14	mg/Kg
P5382-03	COMP-3	SOIL	Chromium	18.7		0.056	0.51	mg/Kg
P5382-03	COMP-3	SOIL	Cobalt	7.59		0.060	1.54	mg/Kg
P5382-03	COMP-3	SOIL	Copper	17.7		0.48	1.03	mg/Kg
P5382-03	COMP-3	SOIL	Iron	16800		2.76	5.14	mg/Kg
P5382-03	COMP-3	SOIL	Lead	49.1		0.15	0.62	mg/Kg
P5382-03	COMP-3	SOIL	Manganese	250		0.073	1.03	mg/Kg
P5382-03	COMP-3	SOIL	Mercury	0.30		0.0070	0.016	mg/Kg
P5382-03	COMP-3	SOIL	Molybdenum	0.39	J	0.33	10.3	mg/Kg
P5382-03	COMP-3	SOIL	Nickel	10.8		0.093	2.06	mg/Kg
P5382-03	COMP-3	SOIL	Vanadium	25.6		0.28	2.06	mg/Kg
P5382-03	COMP-3	SOIL	Zinc	49.4		0.11	2.06	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1	SDG No.:	P5382
Lab Sample ID:	P5382-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14200		1	2.73	5.67	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-36-0	Antimony	0.17	UN	1	0.17	2.84	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-38-2	Arsenic	4.48		1	0.33	1.13	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-39-3	Barium	47.4	N	1	0.73	5.67	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-41-7	Beryllium	1.11		1	0.014	0.34	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-42-8	Boron	15.5	N	1	0.90	5.67	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.34	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-47-3	Chromium	29.3		1	0.061	0.57	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-48-4	Cobalt	9.74		1	0.066	1.70	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-50-8	Copper	27.8		1	0.53	1.13	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7439-89-6	Iron	26200		1	3.05	5.67	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7439-92-1	Lead	30.4		1	0.17	0.68	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7439-96-5	Manganese	190		1	0.081	1.13	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7439-97-6	Mercury	0.18		1	0.0070	0.015	mg/Kg	12/26/24 09:44	12/26/24 13:40	SW7471B	
7439-98-7	Molybdenum	0.79	J	1	0.36	11.3	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-02-0	Nickel	14.6		1	0.10	2.27	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7782-49-2	Selenium	0.37	UN	1	0.37	1.13	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-22-4	Silver	0.059	UN	1	0.059	0.57	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-28-0	Thallium	0.50	U	1	0.50	2.27	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-62-2	Vanadium	50.0	N	1	0.31	2.27	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050
7440-66-6	Zinc	37.0		1	0.13	2.27	mg/Kg	12/26/24 14:45	12/30/24 15:06	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
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:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-2	SDG No.:	P5382
Lab Sample ID:	P5382-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7540		1	2.43	5.05	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.53	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-38-2	Arsenic	3.29		1	0.29	1.01	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-39-3	Barium	47.1	N	1	0.65	5.05	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-41-7	Beryllium	0.65		1	0.012	0.30	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-42-8	Boron	8.28	N	1	0.80	5.05	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.30	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-47-3	Chromium	14.4		1	0.055	0.51	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-48-4	Cobalt	7.20		1	0.059	1.52	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-50-8	Copper	15.2		1	0.48	1.01	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7439-89-6	Iron	12600		1	2.72	5.05	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7439-92-1	Lead	47.3		1	0.15	0.61	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7439-96-5	Manganese	140		1	0.072	1.01	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7439-97-6	Mercury	0.28		1	0.0070	0.016	mg/Kg	12/26/24 09:44	12/26/24 13:56	SW7471B	
7439-98-7	Molybdenum	0.50	J	1	0.32	10.1	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-02-0	Nickel	9.97		1	0.091	2.02	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7782-49-2	Selenium	0.33	UN	1	0.33	1.01	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-22-4	Silver	0.053	UN	1	0.053	0.51	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	2.02	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-62-2	Vanadium	20.3	N	1	0.27	2.02	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050
7440-66-6	Zinc	30.0		1	0.11	2.02	mg/Kg	12/26/24 14:45	12/30/24 15:11	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group1			

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 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3	SDG No.:	P5382
Lab Sample ID:	P5382-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9690		1	2.48	5.14	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.57	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-38-2	Arsenic	4.59		1	0.30	1.03	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-39-3	Barium	56.5	N	1	0.66	5.14	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-41-7	Beryllium	0.70		1	0.012	0.31	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-42-8	Boron	10.3	N	1	0.81	5.14	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.31	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-47-3	Chromium	18.7		1	0.056	0.51	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-48-4	Cobalt	7.59		1	0.060	1.54	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-50-8	Copper	17.7		1	0.48	1.03	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7439-89-6	Iron	16800		1	2.76	5.14	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7439-92-1	Lead	49.1		1	0.15	0.62	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7439-96-5	Manganese	250		1	0.073	1.03	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7439-97-6	Mercury	0.30		1	0.0070	0.016	mg/Kg	12/26/24 09:44	12/26/24 13:59	SW7471B	
7439-98-7	Molybdenum	0.39	J	1	0.33	10.3	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-02-0	Nickel	10.8		1	0.093	2.06	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7782-49-2	Selenium	0.34	UN	1	0.34	1.03	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-22-4	Silver	0.053	UN	1	0.053	0.51	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-28-0	Thallium	0.45	U	1	0.45	2.06	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-62-2	Vanadium	25.6	N	1	0.28	2.06	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050
7440-66-6	Zinc	49.4		1	0.11	2.06	mg/Kg	12/26/24 14:45	12/30/24 15:15	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
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

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

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OR = Over Range

N =Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
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
ICV31	Mercury	4.08	4.0	102	90 - 110	CV	12/26/2024	13:10	LB134086

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
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
CCV67	Mercury	5.09	5.0	102	90 - 110	CV	12/26/2024	13:15	LB134086
CCV68	Mercury	5.06	5.0	101	90 - 110	CV	12/26/2024	13:52	LB134086
CCV69	Mercury	5.11	5.0	102	90 - 110	CV	12/26/2024	14:12	LB134086

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
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	2460	2500	98	90 - 110	P	12/30/2024	14:20	LB134129
	Antimony	971	1000	97	90 - 110	P	12/30/2024	14:20	LB134129
	Arsenic	1020	1000	102	90 - 110	P	12/30/2024	14:20	LB134129
	Barium	491	520	94	90 - 110	P	12/30/2024	14:20	LB134129
	Beryllium	488	510	96	90 - 110	P	12/30/2024	14:20	LB134129
	Boron	2320	2500	93	90 - 110	P	12/30/2024	14:20	LB134129
	Cadmium	511	510	100	90 - 110	P	12/30/2024	14:20	LB134129
	Chromium	536	520	103	90 - 110	P	12/30/2024	14:20	LB134129
	Cobalt	517	520	99	90 - 110	P	12/30/2024	14:20	LB134129
	Copper	517	510	102	90 - 110	P	12/30/2024	14:20	LB134129
	Iron	10300	10000	103	90 - 110	P	12/30/2024	14:20	LB134129
	Lead	1010	1000	101	90 - 110	P	12/30/2024	14:20	LB134129
	Manganese	501	520	96	90 - 110	P	12/30/2024	14:20	LB134129
	Molybdenum	2460	2500	98	90 - 110	P	12/30/2024	14:20	LB134129
	Nickel	519	530	98	90 - 110	P	12/30/2024	14:20	LB134129
	Selenium	989	1000	99	90 - 110	P	12/30/2024	14:20	LB134129
	Silver	259	250	104	90 - 110	P	12/30/2024	14:20	LB134129
	Thallium	1020	1000	102	90 - 110	P	12/30/2024	14:20	LB134129
	Vanadium	478	500	96	90 - 110	P	12/30/2024	14:20	LB134129
	Zinc	1040	1000	104	90 - 110	P	12/30/2024	14:20	LB134129

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
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	105	100	105	80 - 120	P	12/30/2024	14:24	LB134129
	Antimony	48.7	50.0	97	80 - 120	P	12/30/2024	14:24	LB134129
	Arsenic	20.7	20.0	104	80 - 120	P	12/30/2024	14:24	LB134129
	Barium	92.2	100	92	80 - 120	P	12/30/2024	14:24	LB134129
	Beryllium	5.77	6.0	96	80 - 120	P	12/30/2024	14:24	LB134129
	Boron	112	100	112	80 - 120	P	12/30/2024	14:24	LB134129
	Cadmium	6.21	6.0	104	80 - 120	P	12/30/2024	14:24	LB134129
	Chromium	9.47	10.0	95	80 - 120	P	12/30/2024	14:24	LB134129
	Cobalt	29.8	30.0	99	80 - 120	P	12/30/2024	14:24	LB134129
	Copper	21.6	20.0	108	80 - 120	P	12/30/2024	14:24	LB134129
	Iron	90.5	100	90	80 - 120	P	12/30/2024	14:24	LB134129
	Lead	11.3	12.0	94	80 - 120	P	12/30/2024	14:24	LB134129
	Manganese	19.5	20.0	98	80 - 120	P	12/30/2024	14:24	LB134129
	Molybdenum	197	200	98	80 - 120	P	12/30/2024	14:24	LB134129
	Nickel	40.1	40.0	100	80 - 120	P	12/30/2024	14:24	LB134129
	Selenium	18.4	20.0	92	80 - 120	P	12/30/2024	14:24	LB134129
	Silver	10.2	10.0	102	80 - 120	P	12/30/2024	14:24	LB134129
	Thallium	38.3	40.0	96	80 - 120	P	12/30/2024	14:24	LB134129
	Vanadium	38.4	40.0	96	80 - 120	P	12/30/2024	14:24	LB134129
	Zinc	42.2	40.0	105	80 - 120	P	12/30/2024	14:24	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder SDG No.: P5382
 Contract: POWE02 Lab Code: CHEM Case No.: P5382 SAS No.: P5382
 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	9360	10000	94	90 - 110	P	12/30/2024	14:49	LB134129
	Antimony	4670	5000	94	90 - 110	P	12/30/2024	14:49	LB134129
	Arsenic	4640	5000	93	90 - 110	P	12/30/2024	14:49	LB134129
	Barium	9260	10000	93	90 - 110	P	12/30/2024	14:49	LB134129
	Beryllium	244	250	98	90 - 110	P	12/30/2024	14:49	LB134129
	Boron	4850	5000	97	90 - 110	P	12/30/2024	14:49	LB134129
	Cadmium	2370	2500	95	90 - 110	P	12/30/2024	14:49	LB134129
	Chromium	972	1000	97	90 - 110	P	12/30/2024	14:49	LB134129
	Cobalt	2360	2500	95	90 - 110	P	12/30/2024	14:49	LB134129
	Copper	1180	1250	94	90 - 110	P	12/30/2024	14:49	LB134129
	Iron	4690	5000	94	90 - 110	P	12/30/2024	14:49	LB134129
	Lead	4730	5000	95	90 - 110	P	12/30/2024	14:49	LB134129
	Manganese	2360	2500	94	90 - 110	P	12/30/2024	14:49	LB134129
	Molybdenum	4730	5000	95	90 - 110	P	12/30/2024	14:49	LB134129
	Nickel	2370	2500	95	90 - 110	P	12/30/2024	14:49	LB134129
	Selenium	4610	5000	92	90 - 110	P	12/30/2024	14:49	LB134129
	Silver	1200	1250	96	90 - 110	P	12/30/2024	14:49	LB134129
	Thallium	4530	5000	91	90 - 110	P	12/30/2024	14:49	LB134129
	Vanadium	2350	2500	94	90 - 110	P	12/30/2024	14:49	LB134129
	Zinc	2400	2500	96	90 - 110	P	12/30/2024	14:49	LB134129
CCV02	Aluminum	9460	10000	95	90 - 110	P	12/30/2024	15:19	LB134129
	Antimony	4790	5000	96	90 - 110	P	12/30/2024	15:19	LB134129
	Arsenic	4750	5000	95	90 - 110	P	12/30/2024	15:19	LB134129
	Barium	9410	10000	94	90 - 110	P	12/30/2024	15:19	LB134129
	Beryllium	247	250	99	90 - 110	P	12/30/2024	15:19	LB134129
	Boron	4860	5000	97	90 - 110	P	12/30/2024	15:19	LB134129
	Cadmium	2440	2500	98	90 - 110	P	12/30/2024	15:19	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	15:19	LB134129
	Cobalt	2420	2500	97	90 - 110	P	12/30/2024	15:19	LB134129
	Copper	1200	1250	96	90 - 110	P	12/30/2024	15:19	LB134129
	Iron	4960	5000	99	90 - 110	P	12/30/2024	15:19	LB134129
	Lead	4860	5000	97	90 - 110	P	12/30/2024	15:19	LB134129
	Manganese	2390	2500	96	90 - 110	P	12/30/2024	15:19	LB134129
	Molybdenum	4850	5000	97	90 - 110	P	12/30/2024	15:19	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder SDG No.: P5382
Contract: POWE02 Lab Code: CHEM Case No.: P5382 SAS No.: P5382
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	2430	2500	97	90 - 110	P	12/30/2024	15:19	LB134129
	Selenium	4750	5000	95	90 - 110	P	12/30/2024	15:19	LB134129
	Silver	1240	1250	99	90 - 110	P	12/30/2024	15:19	LB134129
	Thallium	4930	5000	99	90 - 110	P	12/30/2024	15:19	LB134129
	Vanadium	2400	2500	96	90 - 110	P	12/30/2024	15:19	LB134129
	Zinc	2460	2500	98	90 - 110	P	12/30/2024	15:19	LB134129
CCV03	Aluminum	9260	10000	93	90 - 110	P	12/30/2024	16:12	LB134129
	Antimony	4910	5000	98	90 - 110	P	12/30/2024	16:12	LB134129
	Arsenic	4850	5000	97	90 - 110	P	12/30/2024	16:12	LB134129
	Barium	9200	10000	92	90 - 110	P	12/30/2024	16:12	LB134129
	Beryllium	242	250	97	90 - 110	P	12/30/2024	16:12	LB134129
	Boron	4750	5000	95	90 - 110	P	12/30/2024	16:12	LB134129
	Cadmium	2460	2500	98	90 - 110	P	12/30/2024	16:12	LB134129
	Chromium	980	1000	98	90 - 110	P	12/30/2024	16:12	LB134129
	Cobalt	2410	2500	96	90 - 110	P	12/30/2024	16:12	LB134129
	Copper	1210	1250	97	90 - 110	P	12/30/2024	16:12	LB134129
	Iron	4740	5000	95	90 - 110	P	12/30/2024	16:12	LB134129
	Lead	4830	5000	97	90 - 110	P	12/30/2024	16:12	LB134129
	Manganese	2330	2500	93	90 - 110	P	12/30/2024	16:12	LB134129
	Molybdenum	4790	5000	96	90 - 110	P	12/30/2024	16:12	LB134129
	Nickel	2420	2500	97	90 - 110	P	12/30/2024	16:12	LB134129
	Selenium	4960	5000	99	90 - 110	P	12/30/2024	16:12	LB134129
	Silver	1200	1250	96	90 - 110	P	12/30/2024	16:12	LB134129
	Thallium	4810	5000	96	90 - 110	P	12/30/2024	16:12	LB134129
	Vanadium	2350	2500	94	90 - 110	P	12/30/2024	16:12	LB134129
	Zinc	2370	2500	95	90 - 110	P	12/30/2024	16:12	LB134129
CCV04	Aluminum	9370	10000	94	90 - 110	P	12/30/2024	17:04	LB134129
	Antimony	4880	5000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Arsenic	4780	5000	96	90 - 110	P	12/30/2024	17:04	LB134129
	Barium	9090	10000	91	90 - 110	P	12/30/2024	17:04	LB134129
	Beryllium	257	250	103	90 - 110	P	12/30/2024	17:04	LB134129
	Boron	4920	5000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Cadmium	2520	2500	101	90 - 110	P	12/30/2024	17:04	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	17:04	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder SDG No.: P5382
Contract: POWE02 Lab Code: CHEM Case No.: P5382 SAS No.: P5382
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Cobalt	2440	2500	98	90 - 110	P	12/30/2024	17:04	LB134129
	Copper	1190	1250	95	90 - 110	P	12/30/2024	17:04	LB134129
	Iron	4750	5000	95	90 - 110	P	12/30/2024	17:04	LB134129
	Lead	4900	5000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Manganese	2350	2500	94	90 - 110	P	12/30/2024	17:04	LB134129
	Molybdenum	4780	5000	96	90 - 110	P	12/30/2024	17:04	LB134129
	Nickel	2450	2500	98	90 - 110	P	12/30/2024	17:04	LB134129
	Selenium	4930	5000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Silver	1220	1250	97	90 - 110	P	12/30/2024	17:04	LB134129
	Thallium	4840	5000	97	90 - 110	P	12/30/2024	17:04	LB134129
	Vanadium	2390	2500	96	90 - 110	P	12/30/2024	17:04	LB134129
	Zinc	2400	2500	96	90 - 110	P	12/30/2024	17:04	LB134129
CCV05	Aluminum	9420	10000	94	90 - 110	P	12/30/2024	17:54	LB134129
	Antimony	4930	5000	99	90 - 110	P	12/30/2024	17:54	LB134129
	Arsenic	4790	5000	96	90 - 110	P	12/30/2024	17:54	LB134129
	Barium	9080	10000	91	90 - 110	P	12/30/2024	17:54	LB134129
	Beryllium	257	250	103	90 - 110	P	12/30/2024	17:54	LB134129
	Boron	4960	5000	99	90 - 110	P	12/30/2024	17:54	LB134129
	Cadmium	2520	2500	101	90 - 110	P	12/30/2024	17:54	LB134129
	Chromium	999	1000	100	90 - 110	P	12/30/2024	17:54	LB134129
	Cobalt	2430	2500	97	90 - 110	P	12/30/2024	17:54	LB134129
	Copper	1200	1250	96	90 - 110	P	12/30/2024	17:54	LB134129
	Iron	4740	5000	95	90 - 110	P	12/30/2024	17:54	LB134129
	Lead	4900	5000	98	90 - 110	P	12/30/2024	17:54	LB134129
	Manganese	2360	2500	94	90 - 110	P	12/30/2024	17:54	LB134129
	Molybdenum	4790	5000	96	90 - 110	P	12/30/2024	17:54	LB134129
	Nickel	2440	2500	98	90 - 110	P	12/30/2024	17:54	LB134129
	Selenium	4950	5000	99	90 - 110	P	12/30/2024	17:54	LB134129
	Silver	1220	1250	98	90 - 110	P	12/30/2024	17:54	LB134129
	Thallium	4800	5000	96	90 - 110	P	12/30/2024	17:54	LB134129
	Vanadium	2390	2500	96	90 - 110	P	12/30/2024	17:54	LB134129
	Zinc	2410	2500	96	90 - 110	P	12/30/2024	17:54	LB134129
CCV06	Aluminum	9560	10000	96	90 - 110	P	12/30/2024	18:44	LB134129
	Antimony	4900	5000	98	90 - 110	P	12/30/2024	18:44	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder SDG No.: P5382
Contract: POWE02 Lab Code: CHEM Case No.: P5382 SAS No.: P5382
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	4710	5000	94	90 - 110	P	12/30/2024	18:44	LB134129
	Barium	9140	10000	91	90 - 110	P	12/30/2024	18:44	LB134129
	Beryllium	263	250	105	90 - 110	P	12/30/2024	18:44	LB134129
	Boron	5080	5000	102	90 - 110	P	12/30/2024	18:44	LB134129
	Cadmium	2490	2500	100	90 - 110	P	12/30/2024	18:44	LB134129
	Chromium	996	1000	100	90 - 110	P	12/30/2024	18:44	LB134129
	Cobalt	2410	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
	Copper	1180	1250	94	90 - 110	P	12/30/2024	18:44	LB134129
	Iron	4670	5000	93	90 - 110	P	12/30/2024	18:44	LB134129
	Lead	4840	5000	97	90 - 110	P	12/30/2024	18:44	LB134129
	Manganese	2380	2500	95	90 - 110	P	12/30/2024	18:44	LB134129
	Molybdenum	4760	5000	95	90 - 110	P	12/30/2024	18:44	LB134129
	Nickel	2410	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
	Selenium	4910	5000	98	90 - 110	P	12/30/2024	18:44	LB134129
	Silver	1220	1250	98	90 - 110	P	12/30/2024	18:44	LB134129
	Thallium	4790	5000	96	90 - 110	P	12/30/2024	18:44	LB134129
	Vanadium	2410	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
	Zinc	2400	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
CCV07	Aluminum	9400	10000	94	90 - 110	P	12/30/2024	19:24	LB134129
	Antimony	4920	5000	98	90 - 110	P	12/30/2024	19:24	LB134129
	Arsenic	4710	5000	94	90 - 110	P	12/30/2024	19:24	LB134129
	Barium	9770	10000	98	90 - 110	P	12/30/2024	19:24	LB134129
	Beryllium	271	250	108	90 - 110	P	12/30/2024	19:24	LB134129
	Boron	5190	5000	104	90 - 110	P	12/30/2024	19:24	LB134129
	Cadmium	2530	2500	101	90 - 110	P	12/30/2024	19:24	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	19:24	LB134129
	Cobalt	2420	2500	97	90 - 110	P	12/30/2024	19:24	LB134129
	Copper	1180	1250	94	90 - 110	P	12/30/2024	19:24	LB134129
	Iron	4610	5000	92	90 - 110	P	12/30/2024	19:24	LB134129
	Lead	4870	5000	97	90 - 110	P	12/30/2024	19:24	LB134129
	Manganese	2380	2500	95	90 - 110	P	12/30/2024	19:24	LB134129
	Molybdenum	4720	5000	94	90 - 110	P	12/30/2024	19:24	LB134129
	Nickel	2420	2500	97	90 - 110	P	12/30/2024	19:24	LB134129
	Selenium	4970	5000	99	90 - 110	P	12/30/2024	19:24	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
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	1220	1250	97	90 - 110	P	12/30/2024	19:24	LB134129
	Thallium	4740	5000	95	90 - 110	P	12/30/2024	19:24	LB134129
	Vanadium	2400	2500	96	90 - 110	P	12/30/2024	19:24	LB134129
	Zinc	2370	2500	95	90 - 110	P	12/30/2024	19:24	LB134129



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Metals

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CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
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	0.16	0.2	82	40 - 160	CV	12/26/2024	13:19	LB134086
CRI01	Aluminum	93.7	100	94	40 - 160	P	12/30/2024	14:32	LB134129
	Antimony	46.6	50.0	93	40 - 160	P	12/30/2024	14:32	LB134129
	Arsenic	21.1	20.0	105	40 - 160	P	12/30/2024	14:32	LB134129
	Barium	91.3	100	91	40 - 160	P	12/30/2024	14:32	LB134129
	Beryllium	5.68	6.0	95	40 - 160	P	12/30/2024	14:32	LB134129
	Boron	97.7	100	98	40 - 160	P	12/30/2024	14:32	LB134129
	Cadmium	6.07	6.0	101	40 - 160	P	12/30/2024	14:32	LB134129
	Chromium	9.09	10.0	91	40 - 160	P	12/30/2024	14:32	LB134129
	Cobalt	29.0	30.0	96	40 - 160	P	12/30/2024	14:32	LB134129
	Copper	20.6	20.0	103	40 - 160	P	12/30/2024	14:32	LB134129
	Iron	95.3	100	95	40 - 160	P	12/30/2024	14:32	LB134129
	Lead	11.3	12.0	94	40 - 160	P	12/30/2024	14:32	LB134129
	Manganese	19.2	20.0	96	40 - 160	P	12/30/2024	14:32	LB134129
	Molybdenum	197	200	99	40 - 160	P	12/30/2024	14:32	LB134129
	Nickel	38.7	40.0	97	40 - 160	P	12/30/2024	14:32	LB134129
	Selenium	17.9	20.0	89	40 - 160	P	12/30/2024	14:32	LB134129
	Silver	10.4	10.0	104	40 - 160	P	12/30/2024	14:32	LB134129
	Thallium	37.1	40.0	93	40 - 160	P	12/30/2024	14:32	LB134129
	Vanadium	37.7	40.0	94	40 - 160	P	12/30/2024	14:32	LB134129
	Zinc	41.1	40.0	103	40 - 160	P	12/30/2024	14:32	LB134129



INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

SAS No.: P5382

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB31	Mercury	0.20	+/-0.20	U	0.20	CV	12/26/2024	13:13	LB134086

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB67	Mercury	0.20	+/-0.20	U	0.20	CV	12/26/2024	13:17	LB134086
CCB68	Mercury	0.20	+/-0.20	U	0.20	CV	12/26/2024	13:54	LB134086
CCB69	Mercury	0.20	+/-0.20	U	0.20	CV	12/26/2024	14:14	LB134086

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	12/30/2024	14:28	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	14:28	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	14:28	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	14:28	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	14:28	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	14:28	LB134129
	Cadmium	6.00	+/-6.00	U	6.00	P	12/30/2024	14:28	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	14:28	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	14:28	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	14:28	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	14:28	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	14:28	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	14:28	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	14:28	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	14:28	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	14:28	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	14:28	LB134129
	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	14:28	LB134129
	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	14:28	LB134129
	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	14:28	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Kleinfelder</u>		SDG No.: <u>P5382</u>							
Contract: <u>POWE02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5382</u>	SAS No.: <u>P5382</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	12/30/2024	14:53	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	14:53	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	14:53	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	14:53	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	14:53	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	14:53	LB134129
	Cadmium	6.00	+/-6.00	U	6.00	P	12/30/2024	14:53	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	14:53	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	14:53	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	14:53	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	14:53	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	14:53	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	14:53	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	14:53	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	14:53	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	14:53	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	14:53	LB134129
	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	14:53	LB134129
	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	14:53	LB134129
	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	14:53	LB134129
CCB02	Aluminum	100	+/-100	U	100	P	12/30/2024	15:23	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	15:23	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	15:23	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	15:23	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	15:23	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	15:23	LB134129
	Cadmium	6.00	+/-6.00	U	6.00	P	12/30/2024	15:23	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	15:23	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	15:23	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	15:23	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	15:23	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	15:23	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	15:23	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	15:23	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	15:23	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	15:23	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	15:23	LB134129
	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	15:23	LB134129
	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	15:23	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Kleinfelder</u>		SDG No.: <u>P5382</u>							
Contract: <u>POWE02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5382</u>	SAS No.: <u>P5382</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	15:23	LB134129
CCB03	Aluminum	100	+/-100	U	100	P	12/30/2024	16:16	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	16:16	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	16:16	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	16:16	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	16:16	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	16:16	LB134129
	Cadmium	6.00	+/-6.00	U	6.00	P	12/30/2024	16:16	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	16:16	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	16:16	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	16:16	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	16:16	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	16:16	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	16:16	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	16:16	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	16:16	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	16:16	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	16:16	LB134129
	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	16:16	LB134129
	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	16:16	LB134129
	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	16:16	LB134129
CCB04	Aluminum	100	+/-100	U	100	P	12/30/2024	17:08	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	17:08	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	17:08	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	17:08	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	17:08	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	17:08	LB134129
	Cadmium	6.00	+/-6.00	U	6.00	P	12/30/2024	17:08	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	17:08	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	17:08	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	17:08	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	17:08	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	17:08	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	17:08	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	17:08	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	17:08	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	17:08	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	17:08	LB134129
	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	17:08	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Kleinfelder</u>		SDG No.: <u>P5382</u>							
Contract: <u>POWE02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5382</u>	SAS No.: <u>P5382</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	17:08	LB134129
	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	17:08	LB134129
CCB05	Aluminum	100	+/-100	U	100	P	12/30/2024	17:58	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	17:58	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	17:58	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	17:58	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	17:58	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	17:58	LB134129
	Cadmium	0.24	+/-6.00	J	6.00	P	12/30/2024	17:58	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	17:58	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	17:58	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	17:58	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	17:58	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	17:58	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	17:58	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	17:58	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	17:58	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	17:58	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	17:58	LB134129
	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	17:58	LB134129
CCB06	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	17:58	LB134129
	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	17:58	LB134129
	Aluminum	100	+/-100	U	100	P	12/30/2024	18:48	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	18:48	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	18:48	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	18:48	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	18:48	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	18:48	LB134129
	Cadmium	6.00	+/-6.00	U	6.00	P	12/30/2024	18:48	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	18:48	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	18:48	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	18:48	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	18:48	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	18:48	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	18:48	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	18:48	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	18:48	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	18:48	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	18:48	LB134129

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	18:48	LB134129
	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	18:48	LB134129
	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	18:48	LB134129
CCB07	Aluminum	100	+/-100	U	100	P	12/30/2024	19:31	LB134129
	Antimony	50.0	+/-50.0	U	50.0	P	12/30/2024	19:31	LB134129
	Arsenic	20.0	+/-20.0	U	20.0	P	12/30/2024	19:31	LB134129
	Barium	100	+/-100	U	100	P	12/30/2024	19:31	LB134129
	Beryllium	6.00	+/-6.00	U	6.00	P	12/30/2024	19:31	LB134129
	Boron	100	+/-100	U	100	P	12/30/2024	19:31	LB134129
	Cadmium	6.00	+/-6.00	U	6.00	P	12/30/2024	19:31	LB134129
	Chromium	10.0	+/-10.0	U	10.0	P	12/30/2024	19:31	LB134129
	Cobalt	30.0	+/-30.0	U	30.0	P	12/30/2024	19:31	LB134129
	Copper	20.0	+/-20.0	U	20.0	P	12/30/2024	19:31	LB134129
	Iron	100	+/-100	U	100	P	12/30/2024	19:31	LB134129
	Lead	12.0	+/-12.0	U	12.0	P	12/30/2024	19:31	LB134129
	Manganese	20.0	+/-20.0	U	20.0	P	12/30/2024	19:31	LB134129
	Molybdenum	200	+/-200	U	200	P	12/30/2024	19:31	LB134129
	Nickel	40.0	+/-40.0	U	40.0	P	12/30/2024	19:31	LB134129
	Selenium	20.0	+/-20.0	U	20.0	P	12/30/2024	19:31	LB134129
	Silver	10.0	+/-10.0	U	10.0	P	12/30/2024	19:31	LB134129
	Thallium	40.0	+/-40.0	U	40.0	P	12/30/2024	19:31	LB134129
	Vanadium	40.0	+/-40.0	U	40.0	P	12/30/2024	19:31	LB134129
	Zinc	40.0	+/-40.0	U	40.0	P	12/30/2024	19:31	LB134129

Metals
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PREPARATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: P5382

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB165862BL		SOLID		Batch Number:	PB165862		Prep Date:	12/26/2024	
	Mercury	0.013	<0.013	U	0.013	CV	12/26/2024	13:26	LB134086

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder

SDG No.: P5382

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB165863BL	SOLID			Batch Number:	PB165863		Prep Date:	12/26/2024	
	Aluminum	4.17	<4.17	U	4.17	P	12/30/2024	16:20	LB134129
	Antimony	2.08	<2.08	U	2.08	P	12/30/2024	16:20	LB134129
	Arsenic	0.83	<0.83	U	0.83	P	12/30/2024	16:20	LB134129
	Barium	4.17	<4.17	U	4.17	P	12/30/2024	16:20	LB134129
	Beryllium	0.25	<0.25	U	0.25	P	12/30/2024	16:20	LB134129
	Boron	4.17	<4.17	U	4.17	P	12/30/2024	16:20	LB134129
	Cadmium	0.25	<0.25	U	0.25	P	12/30/2024	16:20	LB134129
	Chromium	0.42	<0.42	U	0.42	P	12/30/2024	16:20	LB134129
	Cobalt	1.25	<1.25	U	1.25	P	12/30/2024	16:20	LB134129
	Copper	0.83	<0.83	U	0.83	P	12/30/2024	16:20	LB134129
	Iron	4.17	<4.17	U	4.17	P	12/30/2024	16:20	LB134129
	Lead	0.50	<0.50	U	0.50	P	12/30/2024	16:20	LB134129
	Manganese	0.83	<0.83	U	0.83	P	12/30/2024	16:20	LB134129
	Molybdenum	8.33	<8.33	U	8.33	P	12/30/2024	16:20	LB134129
	Nickel	1.67	<1.67	U	1.67	P	12/30/2024	16:20	LB134129
	Selenium	0.83	<0.83	U	0.83	P	12/30/2024	16:20	LB134129
	Silver	0.42	<0.42	U	0.42	P	12/30/2024	16:20	LB134129
	Thallium	1.67	<1.67	U	1.67	P	12/30/2024	16:20	LB134129
	Vanadium	1.67	<1.67	U	1.67	P	12/30/2024	16:20	LB134129
	Zinc	1.67	<1.67	U	1.67	P	12/30/2024	16:20	LB134129

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	244000	255000	96	216000	294000	12/30/2024	14:37	LB134129
	Antimony	-5.21			-50	50	12/30/2024	14:37	LB134129
	Arsenic	6.64			-20	20	12/30/2024	14:37	LB134129
	Barium	4.90	6.0	82	-94	106	12/30/2024	14:37	LB134129
	Beryllium	1.12			-6	6	12/30/2024	14:37	LB134129
	Boron	59.9	1000	6	-100	100	12/30/2024	14:37	LB134129
	Cadmium	-4.02	1.0	402	-5	7	12/30/2024	14:37	LB134129
	Chromium	57.9	52.0	111	42	62	12/30/2024	14:37	LB134129
	Cobalt	1.51			-30	30	12/30/2024	14:37	LB134129
	Copper	21.0	2.0	1050	-18	22	12/30/2024	14:37	LB134129
	Iron	101000	101000	100	85600	116500	12/30/2024	14:37	LB134129
	Lead	7.91			-12	12	12/30/2024	14:37	LB134129
	Manganese	5.24	7.0	75	-13	27	12/30/2024	14:37	LB134129
	Molybdenum	1.18	1000		-200	200	12/30/2024	14:37	LB134129
	Nickel	2.15	2.0	108	-38	42	12/30/2024	14:37	LB134129
	Selenium	-16.6			-20	20	12/30/2024	14:37	LB134129
	Silver	-8.33			-10	10	12/30/2024	14:37	LB134129
	Thallium	8.96			-40	40	12/30/2024	14:37	LB134129
	Vanadium	9.35			-40	40	12/30/2024	14:37	LB134129
	Zinc	3.57			-40	40	12/30/2024	14:37	LB134129
ICSAB01	Aluminum	240000	247000	97	209000	285000	12/30/2024	14:45	LB134129
	Antimony	647	618	105	525	711	12/30/2024	14:45	LB134129
	Arsenic	107	104	103	88.4	120	12/30/2024	14:45	LB134129
	Barium	512	537	95	437	637	12/30/2024	14:45	LB134129
	Beryllium	532	495	108	420	570	12/30/2024	14:45	LB134129
	Boron	975	1000	98	850	1150	12/30/2024	14:45	LB134129
	Cadmium	1080	972	111	826	1120	12/30/2024	14:45	LB134129
	Chromium	617	542	114	460	624	12/30/2024	14:45	LB134129
	Cobalt	444	476	93	404	548	12/30/2024	14:45	LB134129
	Copper	554	511	108	434	588	12/30/2024	14:45	LB134129
	Iron	101000	99300	102	84400	114500	12/30/2024	14:45	LB134129
	Lead	52.7	49.0	108	37	61	12/30/2024	14:45	LB134129
	Manganese	517	507	102	430	584	12/30/2024	14:45	LB134129
	Molybdenum	1010	1000	101	850	1150	12/30/2024	14:45	LB134129
	Nickel	1090	954	114	810	1100	12/30/2024	14:45	LB134129
	Selenium	45.6	46.0	99	26	66	12/30/2024	14:45	LB134129
	Silver	226	201	112	170	232	12/30/2024	14:45	LB134129
	Thallium	107	108	99	68	148	12/30/2024	14:45	LB134129
	Vanadium	505	491	103	417	565	12/30/2024	14:45	LB134129
	Zinc	857	952	90	809	1095	12/30/2024	14:45	LB134129



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Kleinfelder</u>	level: <u>low</u>	sdg no.: <u>P5382</u>
contract: <u>POWE02</u>	lab code: <u>CHEM</u>	case no.: <u>P5382</u> sas no.: <u>P5382</u>
matrix: <u>Solid</u>	sample id: <u>P5362-01</u>	client id: <u>WC-SOIL-20241219MS</u>
Percent Solids for Sample: 92	Spiked ID: P5362-01MS	Percent Solids for Spike Sample: 92

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3740		3630		99.3	111		P
Antimony	mg/Kg	75 - 125	13.7		2.47	U	39.7	34	N	P
Arsenic	mg/Kg	75 - 125	32.8		2.08		39.7	77		P
Barium	mg/Kg	75 - 125	30.7		24.4		9.9	63	N	P
Beryllium	mg/Kg	75 - 125	7.99		0.35		9.9	77		P
Boron	mg/Kg	75 - 125	15.0		5.94		14.9	61	N	P
Cadmium	mg/Kg	75 - 125	8.74		0.30	U	9.9	88		P
Chromium	mg/Kg	75 - 125	25.0		9.17		19.9	80		P
Cobalt	mg/Kg	75 - 125	14.2		6.02		9.9	82		P
Copper	mg/Kg	75 - 125	178		226		14.9	-324		P
Iron	mg/Kg	75 - 125	8220		9420		150	-798		P
Lead	mg/Kg	75 - 125	237		231		49.6	11		P
Manganese	mg/Kg	75 - 125	80.2		80.9		9.9	-7		P
Molybdenum	mg/Kg	75 - 125	15.3		0.44	J	19.9	75		P
Nickel	mg/Kg	75 - 125	39.3		18.9		24.8	82		P
Selenium	mg/Kg	75 - 125	68.9		0.99	U	99.3	69	N	P
Silver	mg/Kg	75 - 125	2.36		0.49	U	3.7	64	N	P
Thallium	mg/Kg	75 - 125	83.6		1.98	U	99.3	84		P
Vanadium	mg/Kg	75 - 125	27.7		17.7		14.9	67	N	P
Zinc	mg/Kg	75 - 125	223		236		9.9	-133		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Kleinfelder</u>	level:	<u>low</u>	sdg no.:	<u>P5382</u>
contract:	<u>POWE02</u>	lab code:	<u>CHEM</u>	case no.:	<u>P5382</u>
matrix:	<u>Solid</u>	sample id:	<u>P5362-01</u>	client id:	<u>WC-SOIL-20241219MSD</u>
Percent Solids for Sample:	92	Spiked ID:	P5362-01MSD	Percent Solids for Spike Sample:	92

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3850		3630		100	224		P
Antimony	mg/Kg	75 - 125	13.7		2.47	U	41.0	33	N	P
Arsenic	mg/Kg	75 - 125	33.1		2.08		41.0	76		P
Barium	mg/Kg	75 - 125	32.2		24.4		10.3	76		P
Beryllium	mg/Kg	75 - 125	8.17		0.35		10.3	76		P
Boron	mg/Kg	75 - 125	15.8		5.94		15.4	64	N	P
Cadmium	mg/Kg	75 - 125	8.78		0.30	U	10.3	85		P
Chromium	mg/Kg	75 - 125	25.7		9.17		20.5	81		P
Cobalt	mg/Kg	75 - 125	14.4		6.02		10.3	82		P
Copper	mg/Kg	75 - 125	180		226		15.4	-299		P
Iron	mg/Kg	75 - 125	8620		9420		150	-531		P
Lead	mg/Kg	75 - 125	241		231		51.3	19		P
Manganese	mg/Kg	75 - 125	83.6		80.9		10.3	27		P
Molybdenum	mg/Kg	75 - 125	15.7		0.44	J	20.5	75		P
Nickel	mg/Kg	75 - 125	39.9		18.9		25.6	82		P
Selenium	mg/Kg	75 - 125	68.6		0.99	U	100	69	N	P
Silver	mg/Kg	75 - 125	2.46		0.49	U	3.8	65	N	P
Thallium	mg/Kg	75 - 125	85.0		1.98	U	100	85		P
Vanadium	mg/Kg	75 - 125	28.8		17.7		15.4	72	N	P
Zinc	mg/Kg	75 - 125	230		236		10.3	-56		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** P5382
contract: POWE02 **lab code:** CHEM **case no.:** P5382 **sas no.:** P5382
matrix: Solid **sample id:** P5382-01 **client id:** COMP-1MS
Percent Solids for Sample: 82.8 **Spiked ID:** P5382-01MS **Percent Solids for Spike Sample:** 82.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.44		0.18		0.31	84		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Kleinfelder</u>	level: <u>low</u>	sdg no.: <u>P5382</u>
contract: <u>POWE02</u>	lab code: <u>CHEM</u>	case no.: <u>P5382</u> sas no.: <u>P5382</u>
matrix: <u>Solid</u>	sample id: <u>P5382-01</u>	client id: <u>COMP-1MSD</u>
Percent Solids for Sample: 82.8	Spiked ID: P5382-01MSD	Percent Solids for Spike Sample: 82.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.48		0.18		0.31	95		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Kleinfelder</u>	SDG No.: <u>P5382</u>	
Contract: <u>POWE02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5382</u> SAS No.: <u>P5382</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>WC-SOIL-20241219A</u>
Sample ID: <u>P5362-01</u>	Spiked ID: <u>P5362-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	13.7		2.47	U	39.5	35		P
Barium	mg/Kg	75 - 125	30.4		24.4		9.90	61		P
Boron	mg/Kg	75 - 125	14.6		5.94		14.8	59		P
Selenium	mg/Kg	75 - 125	69.5		0.99	U	98.8	70		P
Silver	mg/Kg	75 - 125	2.33		0.49	U	3.70	63		P
Vanadium	mg/Kg	75 - 125	27.4		17.7		14.8	65		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
Matrix: Solid **Sample ID:** P5362-01 **Client ID:** WC-SOIL-20241219DUP
Percent Solids for Sample: 92 **Duplicate ID** P5362-01DUP **Percent Solids for Spike Sample:** 92

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3630		3400		7		P
Antimony	mg/Kg	20	2.47	U	2.31	U			P
Arsenic	mg/Kg	20	2.08		1.88		10		P
Barium	mg/Kg	20	24.4		22.9		6		P
Beryllium	mg/Kg	20	0.35		0.31		10		P
Boron	mg/Kg	20	5.94		5.57		6		P
Cadmium	mg/Kg	20	0.30	U	0.28	U			P
Chromium	mg/Kg	20	9.17		8.64		6		P
Cobalt	mg/Kg	20	6.02		5.73		5		P
Copper	mg/Kg	20	226		216		5		P
Iron	mg/Kg	20	9420		8950		5		P
Lead	mg/Kg	20	231		219		5		P
Manganese	mg/Kg	20	80.9		74.7		8		P
Molybdenum	mg/Kg	20	0.44	J	0.39	J	12		P
Nickel	mg/Kg	20	18.9		18.0		5		P
Selenium	mg/Kg	20	0.99	U	0.93	U			P
Silver	mg/Kg	20	0.49	U	0.46	U			P
Thallium	mg/Kg	20	1.98	U	1.85	U			P
Vanadium	mg/Kg	20	17.7		16.6		6		P
Zinc	mg/Kg	20	236		223		6		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382
Matrix: Solid **Sample ID:** P5362-01MS **Client ID:** WC-SOIL-20241219MSD
Percent Solids for Sample: 92 **Duplicate ID** P5362-01MSD **Percent Solids for Spike Sample:** 92

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3740		3850		3		P
Antimony	mg/Kg	20	13.7		13.7		0		P
Arsenic	mg/Kg	20	32.8		33.1		1		P
Barium	mg/Kg	20	30.7		32.2		5		P
Beryllium	mg/Kg	20	7.99		8.17		2		P
Boron	mg/Kg	20	15.0		15.8		5		P
Cadmium	mg/Kg	20	8.74		8.78		0		P
Chromium	mg/Kg	20	25.0		25.7		3		P
Cobalt	mg/Kg	20	14.2		14.4		1		P
Copper	mg/Kg	20	178		180		1		P
Iron	mg/Kg	20	8220		8620		5		P
Lead	mg/Kg	20	237		241		2		P
Manganese	mg/Kg	20	80.2		83.6		4		P
Molybdenum	mg/Kg	20	15.3		15.7		3		P
Nickel	mg/Kg	20	39.3		39.9		2		P
Selenium	mg/Kg	20	68.9		68.6		0		P
Silver	mg/Kg	20	2.36		2.46		4		P
Thallium	mg/Kg	20	83.6		85.0		2		P
Vanadium	mg/Kg	20	27.7		28.8		4		P
Zinc	mg/Kg	20	223		230		3		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: <u>Kleinfelder</u>	Level: <u>LOW</u>	SDG No.: <u>P5382</u>
Contract: <u>POWE02</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5382</u> SAS No.: <u>P5382</u>
Matrix: <u>Solid</u>	Sample ID: <u>P5382-01</u>	Client ID: <u>COMP-1DUP</u>
Percent Solids for Sample: 82.8	Duplicate ID P5382-01DUP	Percent Solids for Spike Sample: 82.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.18		0.18		1		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Kleinfelder</u>	Level:	<u>LOW</u>	SDG No.:	<u>P5382</u>
Contract:	<u>POWE02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P5382</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P5382-01MS</u>	Client ID:	<u>COMP-1MSD</u>
Percent Solids for Sample:	82.8	Duplicate ID	P5382-01MSD	Percent Solids for Spike Sample:	82.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.44		0.48		8		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165862BS Mercury	mg/Kg	0.25	0.22		87	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Case No.:** P5382 **SAS No.:** P5382

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165863BS							
Aluminum	mg/Kg	83.3	74.2		89	80 - 120	P
Antimony	mg/Kg	33.3	31.7		95	80 - 120	P
Arsenic	mg/Kg	33.3	32.8		98	80 - 120	P
Barium	mg/Kg	8.3	7.41		89	80 - 120	P
Beryllium	mg/Kg	8.3	8.17		98	80 - 120	P
Boron	mg/Kg	12.5	11.8		94	80 - 120	P
Cadmium	mg/Kg	8.3	8.30		100	80 - 120	P
Chromium	mg/Kg	16.7	16.7		100	80 - 120	P
Cobalt	mg/Kg	8.3	8.11		98	80 - 120	P
Copper	mg/Kg	12.5	12.3		98	80 - 120	P
Iron	mg/Kg	130	121		93	80 - 120	P
Lead	mg/Kg	41.7	40.1		96	80 - 120	P
Manganese	mg/Kg	8.3	7.82		94	80 - 120	P
Molybdenum	mg/Kg	16.7	16.0		96	80 - 120	P
Nickel	mg/Kg	20.8	20.5		99	80 - 120	P
Selenium	mg/Kg	83.3	81.1		97	80 - 120	P
Silver	mg/Kg	3.1	3.13		101	80 - 120	P
Thallium	mg/Kg	83.3	78.6		94	80 - 120	P
Vanadium	mg/Kg	12.5	11.6		93	80 - 120	P
Zinc	mg/Kg	8.3	8.16		98	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WC-SOIL-20241219L

Lab Name: Chemtech Consulting Group **Contract:** POWE02
Lab Code: CHEM **Lb No.:** lb134129 **Lab Sample ID :** P5362-01L **SDG No.:** P5382
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	3630		3990		10		P
Antimony	2.47	U	12.4	U			P
Arsenic	2.08		2.41	J	16		P
Barium	24.4		27.0		11		P
Beryllium	0.35		0.37	J	8		P
Boron	5.94		5.71	J	4		P
Cadmium	0.30	U	1.48	U			P
Chromium	9.17		10.2		11		P
Cobalt	6.02		6.12	J	2		P
Copper	226		261		15		P
Iron	9420		10600		13		P
Lead	231		242		5		P
Manganese	80.9		90.5		12		P
Molybdenum	0.44	J	49.4	U	100.0		P
Nickel	18.9		19.6		3		P
Selenium	0.99	U	4.94	U			P
Silver	0.49	U	2.47	U			P
Thallium	1.98	U	9.88	U			P
Vanadium	17.7		19.7		11		P
Zinc	236		274		16		P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

COMP-1L

Lab Name: Chemtech Consulting Group

Contract: POWE02

Lab Code: CHEM

Lb No.: lb134086

Lab Sample ID : P5382-01L

SDG No.: P5382

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	0.18	0.20	10		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: P5382

Contract: POWE02

Lab Code: CHEM

Case No.: P5382

SAS No.: P5382

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
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

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: P5382

Contract: POWE02

Lab Code: CHEM

Case No.: P5382

SAS No.: P5382

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
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 INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: P5382

Contract: POWE02

Lab Code: CHEM

Case No.: P5382

SAS No.: P5382

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
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

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: P5382

Contract: POWE02

Lab Code: CHEM

Case No.: P5382

SAS No.: P5382

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
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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder

SDG No.: P5382

Contract: POWE02

Lab Code: CHEM

Case No.: P5382

SAS No.: P5382

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

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SAMPLE PREPARATION SUMMARY

Client:	<u>Kleinfelder</u>	SDG No.:	<u>P5382</u>
Contract:	<u>POWE02</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P5382</u>
		SAS No.:	<u>P5382</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165862							
P5382-01	COMP-1	SAM	SOLID	12/26/2024	0.57	35.0	82.80
P5382-01DUP	COMP-1DUP	DUP	SOLID	12/26/2024	0.57	35.0	82.80
P5382-01MS	COMP-1MS	MS	SOLID	12/26/2024	0.55	35.0	82.80
P5382-01MSD	COMP-1MSD	MSD	SOLID	12/26/2024	0.54	35.0	82.80
P5382-02	COMP-2	SAM	SOLID	12/26/2024	0.53	35.0	82.50
P5382-03	COMP-3	SAM	SOLID	12/26/2024	0.54	35.0	82.80
PB165862BL	PB165862BL	MB	SOLID	12/26/2024	0.55	35.0	100.00
PB165862BS	PB165862BS	LCS	SOLID	12/26/2024	0.57	35.0	100.00

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** P5382
Contract: POWE02 **Lab Code:** CHEM **Method:**
Case No.: P5382 **SAS No.:** P5382

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165863							
P5362-01DUP	WC-SOIL-20241219DUP	DUP	SOLID	12/26/2024	2.35	100.0	92.00
P5362-01MS	WC-SOIL-20241219MS	MS	SOLID	12/26/2024	2.19	100.0	92.00
P5362-01MSD	WC-SOIL-20241219MSD	MSD	SOLID	12/26/2024	2.12	100.0	92.00
P5382-01	COMP-1	SAM	SOLID	12/26/2024	2.13	100.0	82.80
P5382-02	COMP-2	SAM	SOLID	12/26/2024	2.40	100.0	82.50
P5382-03	COMP-3	SAM	SOLID	12/26/2024	2.35	100.0	82.80
PB165863BL	PB165863BL	MB	SOLID	12/26/2024	2.40	100.0	100.00
PB165863BS	PB165863BS	LCS	SOLID	12/26/2024	2.40	100.0	100.00

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** P5382 **Sas no.:** P5382 **Sdg no.:** P5382

Instrument id number: **Method:** **Run number:** LB134086

Start date: 12/26/2024 **End date:** 12/26/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1248	HG
S0.2	S0.2	1	1250	HG
S2.5	S2.5	1	1252	HG
S5	S5	1	1255	HG
S7.5	S7.5	1	1257	HG
S10	S10	1	1305	HG
ICV31	ICV31	1	1310	HG
ICB31	ICB31	1	1313	HG
CCV67	CCV67	1	1315	HG
CCB67	CCB67	1	1317	HG
CRA	CRA	1	1319	HG
PB165862BL	PB165862BL	1	1326	HG
PB165862BS	PB165862BS	1	1329	HG
P5382-01	COMP-1	1	1340	HG
P5382-01DUP	COMP-1DUP	1	1342	HG
P5382-01MS	COMP-1MS	1	1347	HG
P5382-01MSD	COMP-1MSD	1	1349	HG
CCV68	CCV68	1	1352	HG
CCB68	CCB68	1	1354	HG
P5382-02	COMP-2	1	1356	HG
P5382-03	COMP-3	1	1359	HG
P5382-01L	COMP-1L	5	1406	HG
CCV69	CCV69	1	1412	HG
CCB69	CCB69	1	1414	HG

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** P5382 **Sas no.:** P5382 **Sdg no.:** P5382

Instrument id number: **Method:** **Run number:** LB134129

Start date: 12/30/2024 **End date:** 12/30/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1354	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1358	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1403	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1407	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1411	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1415	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1420	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1424	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1428	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1432	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1437	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1445	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1449	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1453	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5382-01	COMP-1	1	1506	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5382-02	COMP-2	1	1511	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5382-03	COMP-3	1	1515	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1519	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1523	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5362-01DUP	WC-SOIL-20241219DUP	1	1535	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5362-01L	WC-SOIL-20241219L	5	1539	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5362-01MS	WC-SOIL-20241219MS	1	1543	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5362-01MSD	WC-SOIL-20241219MSD	1	1547	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
P5362-01A	WC-SOIL-20241219A	1	1551	Ag,B,Ba,Sb,Se,V
CCV03	CCV03	1	1612	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1616	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB165863BL	PB165863BL	1	1620	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB165863BS	PB165863BS	1	1625	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1704	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1708	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1754	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1758	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1844	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1848	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1924	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1931	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn