



Entrada Consulting Group

Zach Solow

330 Grand Ave. Unit C

Grand Junction CO 81501

December 08, 2025

Project Name - Chevron - Kielian 2-2 Tank Battery Project Number - UWRWE-A5218-ENV

Attached are your analytical results for Chevron - Kielian 2-2 Tank Battery received by Origins Laboratory November 20, 2025. This project is associated with Origins project number E5K0524-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

The laboratory is TNI accredited by the Utah DHHS ELAP under certificate number CO010822024.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Zach Solow
Project Number: UWRWE-A5218-ENV
Project: Chevron - Kielian 2-2 Tank Battery

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG04@6	E5K0524-01	Soil	November 20, 2025 10:00	11/20/2025 15:19
BKG04@8	E5K0524-02	Soil	November 20, 2025 10:10	11/20/2025 15:19
BKG04@10	E5K0524-03	Soil	November 20, 2025 10:20	11/20/2025 15:19
BKG05@6	E5K0524-04	Soil	November 20, 2025 10:40	11/20/2025 15:19
BKG05@8	E5K0524-05	Soil	November 20, 2025 10:50	11/20/2025 15:19
BKG05@10	E5K0524-06	Soil	November 20, 2025 11:00	11/20/2025 15:19
BKG06@6	E5K0524-07	Soil	November 20, 2025 11:10	11/20/2025 15:19
BKG06@8	E5K0524-08	Soil	November 20, 2025 11:15	11/20/2025 15:19
BKG06@10	E5K0524-09	Soil	November 20, 2025 11:20	11/20/2025 15:19
BKG07@6	E5K0524-10	Soil	November 20, 2025 11:45	11/20/2025 15:19
BKG07@8	E5K0524-11	Soil	November 20, 2025 11:50	11/20/2025 15:19
BKG07@10	E5K0524-12	Soil	November 20, 2025 11:55	11/20/2025 15:19

Origins Laboratory

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Kayla Kenyon, Project Manager



ESkosny

Client: Entrada Consulting Group

Address:

Project Manager: Zach Solow

Project Name: Kielian 2-2 Wellhead & Tank Battery

Project Number: UWRWE-A5218-ENV

Collected By:

Invoice/Billing Info: Kris Shepherd - PDC/Chevron

Key:
 W=Water
 GW=Groundwater
 SW=Surface Water
 WW=Waste Water
 L=Liquid

Telephone Number:

Email Address:

PDCFR@entrada.com
 RBUEITZ1@chevron.com

S=Soil | Se=Solid | O=Oil | A=Air | G=Gas | UNP=Unpres | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis				Comments
						Table 915 Metals	pH	EC	SAR	
BK G0406	11/20/25	1000	3	S	CANP	X	X	X	X	
BK G0408		1010				X	X	X	X	
BK G0410		1020				X	X	X	X	
BK G0506		1040				X	X	X	X	
BK G0508		1050				X	X	X	X	
BK G0510		1100				X	X	X	X	
BK G0606		1110				X	X	X	X	
BK G0608		1115				X	X	X	X	
BK G0610		1120				X	X	X	X	
BK G0706		1145				X	X	X	X	
Relinquished By: <i>[Signature]</i>	Date: 11/20/25	Time: 1519	Received By: NLM	Date: 11/20/25	Time: 15:19					

* Sample labels, Kielian 2-2 TB

Temp Received - 3.3°C

Received On Ice? Yes No

Turnaround Time
 SAME DAY 24 Hr
 48 Hr 72
 Standard

Sample Receipt Checklist

Origins Work Order: ESK054

Client: Entrada

Client Project ID: Kielian 2-2

Checklist Completed by: Some/Some

Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 11/20/25

Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____

Cooler Number/Temperature: 1 / 3.3 °C (Describe)

Thermometer ID: T-004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

[Signature]
Reviewed by (Project Manager)

11/24/25
Date/Time Reviewed



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG04@6

11/20/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-01 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	0.64	0.18	0.36	mg/Kg dry	1	388589	11/26/2025	11/26/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.855		0.120	mg/L dry	1	5K21036	11/21/2025	11/22/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	4.81		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	6.10		0.823	"	"	"	"	"	
Sodium	4.58		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	82.2			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.06			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	1.96		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



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Zach Solow
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BKG04@6

11/20/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-01 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.43		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	11.0		0.226	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	227		63.7	"	"	"	"	"	
Cadmium	ND		0.295	"	"	"	"	"	U
Copper	ND		35.8	"	"	"	"	"	U
Lead	17.6		10.9	"	"	"	"	"	
Nickel	ND		20.2	"	"	"	"	"	U
Selenium	0.333		0.191	"	"	"	"	"	
Silver	ND		0.622	"	"	"	"	"	U
Zinc	ND		288	"	"	"	"	"	U

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 Kayla Kenyon, Project Manager

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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG04@8

11/20/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-02 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	0.46	0.19	0.37	mg/Kg dry	1	388589	11/26/2025	11/26/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.522		0.129	mg/L dry	1	5K21036	11/21/2025	11/22/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	3.74		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	4.50		0.823	"	"	"	"	"	
Sodium	4.12		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	77.6			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.14			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	2.03		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG04@8

11/20/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-02 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.19		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	2.31		0.246	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	187		69.5	"	"	"	"	"	
Cadmium	ND		0.322	"	"	"	"	"	U
Copper	ND		39.0	"	"	"	"	"	U
Lead	15.3		11.9	"	"	"	"	"	
Nickel	26.2		22.0	"	"	"	"	"	
Selenium	ND		0.209	"	"	"	"	"	U
Silver	ND		0.678	"	"	"	"	"	U
Zinc	ND		314	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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Zach Solow
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BKG04@10

11/20/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-03 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.110	mg/L dry	1	5K21036	11/21/2025	11/22/2025	U
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Metals by Saturated Paste by EPA 6010

Calcium	0.829		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.593		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	90.5			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.11			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	0.698		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG04@10

11/20/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-03 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.244		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	1.31		0.211	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	ND		59.5	"	"	"	"	"	U
Cadmium	ND		0.276	"	"	"	"	"	U
Copper	ND		33.4	"	"	"	"	"	U
Lead	ND		10.2	"	"	"	"	"	U
Nickel	ND		18.9	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.580	"	"	"	"	"	U
Zinc	ND		268	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Entrada Consulting Group
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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG05@6

11/20/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-04 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.18	0.36	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.701		0.123	mg/L dry	1	5K21036	11/21/2025	11/22/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	24.6		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	16.7		0.823	"	"	"	"	"	"
Sodium	6.55		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	81.8			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	7.86			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	1.44		0.0100	SAR	1	5K21041	"	11/25/2025	
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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG05@6

11/20/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-04 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.43		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.07		0.253	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	148		71.4	"	"	"	"	"	
Cadmium	ND		0.331	"	"	"	"	"	U
Copper	ND		40.1	"	"	"	"	"	U
Lead	13.9		12.2	"	"	"	"	"	
Nickel	ND		22.6	"	"	"	"	"	U
Selenium	0.571		0.214	"	"	"	"	"	
Silver	ND		0.697	"	"	"	"	"	U
Zinc	ND		322	"	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon, Project Manager



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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG05@8

11/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-05 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.20	0.38	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.813		0.131	mg/L dry	1	5K21036	11/21/2025	11/22/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	5.67		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	4.65		0.823	"	"	"	"	"	"
Sodium	4.99		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	76.5			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	7.85			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	2.20		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG05@8

11/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-05 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.42		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.02		0.257	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	164		72.5	"	"	"	"	"	
Cadmium	0.430		0.336	"	"	"	"	"	
Copper	ND		40.6	"	"	"	"	"	U
Lead	13.9		12.4	"	"	"	"	"	
Nickel	ND		23.0	"	"	"	"	"	U
Selenium	0.580		0.217	"	"	"	"	"	
Silver	ND		0.707	"	"	"	"	"	U
Zinc	ND		327	"	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG05@10

11/20/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-06 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.20	0.39	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.587		0.130	mg/L dry	1	5K24030	11/24/2025	11/26/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	2.82		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	2.17		0.823	"	"	"	"	"	"
Sodium	1.78		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	76.5			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.08			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	1.13		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG05@10

11/20/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-06 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.694		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.89		0.255	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	201		72.1	"	"	"	"	"	
Cadmium	0.408		0.334	"	"	"	"	"	
Copper	ND		40.4	"	"	"	"	"	U
Lead	15.8		12.3	"	"	"	"	"	
Nickel	25.2		22.8	"	"	"	"	"	
Selenium	0.298		0.216	"	"	"	"	"	
Silver	ND		0.703	"	"	"	"	"	U
Zinc	ND		325	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG06@6

11/20/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-07 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.18	0.36	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.605		0.124	mg/L dry	1	5K24030	11/24/2025	11/26/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	1.37		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	1.10		0.823	"	"	"	"	"	"
Sodium	0.792		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	80.7			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.33			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	0.712		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG06@6

11/20/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0524-07 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.382		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.09		0.255	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	ND		71.8	"	"	"	"	"	U
Cadmium	ND		0.333	"	"	"	"	"	U
Copper	ND		40.3	"	"	"	"	"	U
Lead	ND		12.3	"	"	"	"	"	U
Nickel	ND		22.8	"	"	"	"	"	U
Selenium	ND		0.215	"	"	"	"	"	U
Silver	ND		0.700	"	"	"	"	"	U
Zinc	ND		324	"	"	"	"	"	U

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Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG06@8

11/20/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-08 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.32	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.111	mg/L dry	1	5K21036	11/21/2025	11/22/2025	U
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Metals by Saturated Paste by EPA 6010

Calcium	0.788		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.471		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	90.7			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.36			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	0.575		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
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Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG06@8

11/20/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-08 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.221		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	1.52		0.208	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	ND		58.7	"	"	"	"	"	U
Cadmium	ND		0.272	"	"	"	"	"	U
Copper	ND		32.9	"	"	"	"	"	U
Lead	ND		10.0	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	ND		0.176	"	"	"	"	"	U
Silver	ND		0.573	"	"	"	"	"	U
Zinc	ND		265	"	"	"	"	"	U

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Zach Solow
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BKG06@10

11/20/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-09 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.112	mg/L dry	1	5K21036	11/21/2025	11/22/2025	U
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Metals by Saturated Paste by EPA 6010

Calcium	0.556		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.444		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	90.2			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.04			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	0.639		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG06@10

11/20/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0524-09 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.182		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	1.38		0.207	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	ND		58.4	"	"	"	"	"	U
Cadmium	ND		0.270	"	"	"	"	"	U
Copper	ND		32.7	"	"	"	"	"	U
Lead	ND		9.96	"	"	"	"	"	U
Nickel	ND		18.5	"	"	"	"	"	U
Selenium	ND		0.175	"	"	"	"	"	U
Silver	ND		0.569	"	"	"	"	"	U
Zinc	ND		263	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Entrada Consulting Group
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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG07@6

11/20/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-10 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.115	mg/L dry	1	5K21036	11/21/2025	11/22/2025	U
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Metals by Saturated Paste by EPA 6010

Calcium	2.69		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	2.13		0.823	"	"	"	"	"	"
Sodium	2.08		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	87.9			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.21			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	1.34		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG07@6

11/20/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0524-10 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.714		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	1.63		0.215	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	ND		60.6	"	"	"	"	"	U
Cadmium	ND		0.281	"	"	"	"	"	U
Copper	ND		34.0	"	"	"	"	"	U
Lead	ND		10.4	"	"	"	"	"	U
Nickel	ND		19.2	"	"	"	"	"	U
Selenium	ND		0.182	"	"	"	"	"	U
Silver	ND		0.591	"	"	"	"	"	U
Zinc	ND		274	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG07@8

11/20/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-11 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.34	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.112	mg/L dry	1	5K21036	11/21/2025	11/22/2025	U
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Metals by Saturated Paste by EPA 6010

Calcium	1.09		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.664		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	88.0			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.30			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	0.684		0.0100	SAR	1	5K21041	"	11/25/2025	
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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG07@8

11/20/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0524-11 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.300		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	1.44		0.218	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	ND		61.6	"	"	"	"	"	U
Cadmium	ND		0.285	"	"	"	"	"	U
Copper	ND		34.6	"	"	"	"	"	U
Lead	ND		10.5	"	"	"	"	"	U
Nickel	ND		19.5	"	"	"	"	"	U
Selenium	ND		0.185	"	"	"	"	"	U
Silver	ND		0.601	"	"	"	"	"	U
Zinc	ND		278	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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 330 Grand Ave. Unit C
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Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG07@10

11/20/2025 11:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0524-12 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.34	mg/Kg dry	1	388589	11/26/2025	11/26/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.111	mg/L dry	1	5K21036	11/21/2025	11/22/2025	U
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Metals by Saturated Paste by EPA 6010

Calcium	0.843		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.601		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	89.0			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.15			pH Units	1	5K21046	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	0.702		0.0100	SAR	1	5K21041	"	11/25/2025	
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Kayla Kenyon, Project Manager



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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

BKG07@10

11/20/2025 11:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0524-12 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.249		0.00500	mmhos/cm	1	5K21046	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	0.756		0.210	mg/kg dry	10	5K21061	11/21/2025	11/22/2025	
Barium	ND		59.3	"	"	"	"	"	U
Cadmium	ND		0.275	"	"	"	"	"	U
Copper	ND		33.3	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.8	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.579	"	"	"	"	"	U
Zinc	ND		268	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

***** DEFAULT GENERAL METHOD *** - Quality Control**
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5K21102 - % Solids

Duplicate (5K21102-DUP1)

Source: E5K0514-01

Prepared: 11/21/2025 Analyzed: 11/21/2025

Total Solids, Percent	86.4		mass percent		85.6		0.939		20	
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Duplicate (5K21102-DUP2)

Source: E5K0514-02

Prepared: 11/21/2025 Analyzed: 11/21/2025

Total Solids, Percent	96.9		mass percent		96.9		0.0521		20	
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Origins Laboratory

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Kayla Kenyon, Project Manager



Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5K21036 - DTPA Sorbitol Preparation

Blank (5K21036-BLK1)

Prepared: 11/21/2025 Analyzed: 11/22/2025

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

Duplicate (5K21036-DUP1)

Source: E5K0520-02

Prepared: 11/21/2025 Analyzed: 11/22/2025

(DTPA Sorbitol) Boron 3.16 0.118 mg/L dry 3.19 0.981 50

Batch 5K21041 - Saturated Paste Metals

Blank (5K21041-BLK1)

Prepared: 11/21/2025 Analyzed: 11/25/2025

SAR ND 0.0100 SAR U

Calcium PPM ND 10.0 mg/L U

Magnesium PPM ND 10.0 " U

Sodium PPM ND 10.0 " U

Duplicate (5K21041-DUP1)

Source: E5K0521-01

Prepared: 11/21/2025 Analyzed: 11/25/2025

Calcium PPM 45.1 10.0 mg/L 46.3 2.67 50

SAR ND 0.0100 SAR 3.16 200 U

Magnesium PPM 20.2 10.0 mg/L 21.0 3.64 50

Sodium PPM 105 10.0 " 103 1.35 50

Batch 5K24030 - DTPA Sorbitol Preparation

Blank (5K24030-BLK1)

Prepared: 11/24/2025 Analyzed: 11/26/2025

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

Duplicate (5K24030-DUP1)

Source: E5K0524-06

Prepared: 11/24/2025 Analyzed: 11/26/2025

(DTPA Sorbitol) Boron 0.569 0.131 mg/L dry 0.587 3.14 50

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 Grand Junction CO 81501

Zach Solow
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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5K21061 - EPA 3050B

Blank (5K21061-BLK1)

Prepared: 11/21/2025 Analyzed: 11/22/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (5K21061-BS1)

Prepared: 11/21/2025 Analyzed: 11/22/2025

Arsenic	5.27	0.218	mg/kg wet	5.00		105	80-120			
Barium	522	61.5	"	500		104	80-120			
Cadmium	5.15	0.285	"	5.00		103	80-120			
Copper	50.9	34.5	"	50.0		102	80-120			
Lead	5.26	10.5	"	5.00		105	80-120			U
Nickel	5.32	19.5	"	5.00		106	80-120			U
Selenium	5.57	0.184	"	5.00		111	80-120			
Silver	5.46	0.600	"	5.00		109	80-120			
Zinc	50.4	278	"	50.0		101	80-120			U

Matrix Spike (5K21061-MS1)

Source: E5K0524-02

Prepared: 11/21/2025 Analyzed: 11/22/2025

Arsenic	7.66	0.250	mg/kg dry	5.73	2.31	93.4	75-125			
Barium	730	70.5	"	573	187	94.7	75-125			
Cadmium	5.59	0.327	"	5.73	0.0554	96.6	75-125			
Chromium	48.6	8.59	"	5.73	45.7	50.8	75-125			
Copper	77.2	39.5	"	57.3	23.0	94.6	75-125			

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Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5K21061 - EPA 3050B

Matrix Spike (5K21061-MS1)

Source: E5K0524-02

Prepared: 11/21/2025 Analyzed: 11/22/2025

Lead	20.1	12.0	mg/kg dry	5.73	15.3	84.5	75-125			
Nickel	31.3	22.3	"	5.73	26.2	89.7	75-125			
Selenium	5.65	0.211	"	5.73	0.162	95.7	75-125			
Silver	5.88	0.688	"	5.73	0.0814	101	75-125			
Zinc	132	318	"	57.3	79.2	91.7	75-125			U

Matrix Spike Dup (5K21061-MSD1)

Source: E5K0524-02

Prepared: 11/21/2025 Analyzed: 11/22/2025

Arsenic	7.95	0.247	mg/kg dry	5.66	2.31	99.6	75-125	3.68	20	
Barium	811	69.6	"	566	187	110	75-125	10.5	20	
Cadmium	5.64	0.323	"	5.66	0.0554	98.6	75-125	0.906	20	
Chromium	52.7	8.49	"	5.66	45.7	124	75-125	8.15	20	
Copper	78.8	39.1	"	56.6	23.0	98.5	75-125	2.03	20	
Lead	20.3	11.9	"	5.66	15.3	89.6	75-125	1.16	20	
Nickel	31.9	22.1	"	5.66	26.2	101	75-125	1.86	20	
Selenium	5.87	0.209	"	5.66	0.162	101	75-125	3.94	20	
Silver	6.01	0.679	"	5.66	0.0814	105	75-125	2.25	20	
Zinc	135	314	"	56.6	79.2	98.8	75-125	2.56	20	U

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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5K21046 - Saturated Paste pH/EC

Blank (5K21046-BLK1)

Prepared: 11/21/2025 Analyzed: 11/25/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (5K21046-DUP1)

Source: E5K0521-01

Prepared: 11/21/2025 Analyzed: 11/25/2025

pH	8.22		pH Units		8.22			0.00		25
Specific Conductance (EC)	0.936	0.00500	mmhos/cm		0.948			1.31		25

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 Grand Junction CO 81501

Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 Tank Battery

Total Metals by 7199 - Quality Control
Enthalpy Orange

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 388589 - EPA 3060A										
BLANK (QC1317346)										
					Prepared: 11/26/2025 Analyzed: 11/26/2025					
Hexavalent Chromium	ND	0.30	mg/Kg							ND
LCS (QC1317347)										
					Prepared: 11/26/2025 Analyzed: 11/26/2025					
Hexavalent Chromium	40.49	0.5952	mg/Kg	39.68		102	80-120			
Duplicate (QC1317348)										
					Source: 547790-001 Prepared: 11/26/2025 Analyzed: 11/26/2025					
Hexavalent Chromium	ND	0.2953	mg/Kg		0				30	ND
Matrix Spike (QC1317350)										
					Source: 547790-001 Prepared: 11/26/2025 Analyzed: 11/26/2025					
Hexavalent Chromium	39.16	0.5906	mg/Kg	39.37	0	99	70-130			

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Grand Junction CO 81501

Zach Solow
Project Number: UWRWE-A5218-ENV
Project: Chevron - Kielian 2-2 Tank Battery

Notes and Definitions

- U Sample is Non-Detect.
- ND Not Detected
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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