



Entrada Consulting Group

December 30, 2025

Zach Solow

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Kielian 2-2 WH

Project Number - UWRWE-A5218-ENV

Attached are your analytical results for Chevron - Kielian 2-2 WH received by Origins Laboratory November 20, 2025. This project is associated with Origins project number E5K0528-01.

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 WH

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG08@2	E5K0528-01	Soil	November 20, 2025 10:30	11/20/2025 15:21
BKG09@2	E5K0528-02	Soil	November 20, 2025 10:40	11/20/2025 15:21
BKG10@2	E5K0528-03	Soil	November 20, 2025 10:50	11/20/2025 15:21
BKG11@2	E5K0528-04	Soil	November 20, 2025 12:05	11/20/2025 15:21
BKG12@2	E5K0528-05	Soil	November 20, 2025 11:05	11/20/2025 15:21
BKG13@2	E5K0528-06	Soil	November 20, 2025 11:15	11/20/2025 15:21
BKG14@2	E5K0528-07	Soil	November 20, 2025 9:55	11/20/2025 15:21
BKG15@2	E5K0528-08	Soil	November 20, 2025 10:10	11/20/2025 15:21
BKG16@2	E5K0528-09	Soil	November 20, 2025 10:20	11/20/2025 15:21
BKG17@2	E5K0528-10	Soil	November 20, 2025 10:00	11/20/2025 15:21
BKG18@2	E5K0528-11	Soil	November 20, 2025 11:40	11/20/2025 15:21
BKG19@2	E5K0528-12	Soil	November 20, 2025 11:50	11/20/2025 15:21

Zach Solow contacted the PM group on 12/09/2025 to add Table 915 metals to sample BKG08@2. KDK

Origins Laboratory

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ESK0526

Client: Entrada Consulting Group

Project Manager: Zach Solow

Project Name: Kielian 2-2 Wellhead & Bank Battery

Project Number: UWRWE-A5218-ENV

Collected By: STW

Invoice/Billing Info: Kris Shepherd - PDC/Chevron

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

Telephone Number:

Email Address: PDCR@entradinc.com
RRBU@77@chevron.com

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas | UNP=Impres | HCL= Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | MAOH=Sodium Hydroxide

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis					Comments
						Table 915 Metals	pH	EC	SAR	Boron	
BK6080Z	11/20/25	1030	3	5	UNP	X	X	X	X		
BK6090Z		1040				X	X	X	X		
BK6100Z		1050				X	X	X	X		
BK6110Z		1205				X	X	X	X		
BK6120Z		1105				X	X	X	X		
BK6130Z		1115				X	X	X	X		
BK6140Z		0955				X	X	X	X		
BK6150Z		1010				X	X	X	X		
BK6160Z		1020				X	X	X	X		
BK6170Z		1000				X	X	X	X		

Relinquished By: Sam Nilsson Date: 11/20/25 Time: 15:21

Received By: NEM Date: 11/20/25 Time: 15:21

Turnaround Time
 SAME DAY
 24 Hr
 48 Hr
 72
 Standard

Temp Received - 4.0°C Received On Ice?
 Yes No

Report *As Kielian 2-2 WH * Labeld as WH RTB

Sample Receipt Checklist

Origins Work Order: ESK0518

Client: Entrada

Client Project ID: Killian 22WH

Checklist Completed by: SMC/gmc

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

Date/time completed: 11/20/15

Airbill #: N/A

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

Cooler Number/Temperature: 1, 4.0 °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 HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +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.

Jack At
Reviewed by (Project Manager)

11/24/15
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 WH

BKG08@2

11/20/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-01 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.20	0.37	mg/Kg dry	1	390508	12/18/2025	12/19/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	2.51		0.128	mg/L dry	1	5K21037	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	17.8		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	39.3		0.823	"	"	"	"	"	"
Sodium	33.5		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	78.0			mass percent	1	5K21102	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.03			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	6.26		0.0100	SAR	1	5K21042	"	11/25/2025	
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Origins Laboratory

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Zach Solow
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 Project: Chevron - Kielian 2-2 WH

BKG08@2

11/20/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-01 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	7.03		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.81		0.240	mg/kg dry	10	5L09041	12/09/2025	12/10/2025	
Barium	254		67.7	"	"	"	"	"	"
Cadmium	0.482		0.314	"	"	"	"	"	"
Copper	ND		38.0	"	"	"	"	"	U
Lead	15.6		11.6	"	"	"	"	"	"
Nickel	26.5		21.5	"	"	"	"	"	"
Selenium	0.839		0.203	"	"	"	"	"	"
Silver	ND		0.660	"	"	"	"	"	U
Zinc	ND		305	"	"	"	"	"	U

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Entrada Consulting Group
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Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 WH

BKG09@2

11/20/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-02 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.18	0.36	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	1.18		0.120	mg/L dry	1	5K21037	11/21/2025	11/25/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	5.42		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	8.69		0.823	"	"	"	"	"	
Sodium	11.3		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	83.2			mass percent	1	5K21102	11/21/2025	11/21/2025	
pH in Soil by 9045D									
pH	8.25			pH Units	1	5K21047	11/21/2025	11/25/2025	
SAR by 20B Saturated Paste									
SAR	4.27		0.0100	SAR	1	5K21042	"	11/25/2025	

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 Project: Chevron - Kielian 2-2 WH

BKG09@2

11/20/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0528-02 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.22		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.95		0.225	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	126		63.5	"	"	"	"	"	
Cadmium	ND		0.294	"	"	"	"	"	U
Copper	ND		35.6	"	"	"	"	"	U
Lead	ND		10.8	"	"	"	"	"	U
Nickel	ND		20.1	"	"	"	"	"	U
Selenium	0.458		0.190	"	"	"	"	"	
Silver	ND		0.619	"	"	"	"	"	U
Zinc	ND		286	"	"	"	"	"	U

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Zach Solow
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 Project: Chevron - Kielian 2-2 WH

BKG10@2

11/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-03 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.20	0.40	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	1.80		0.139	mg/L dry	1	5K21037	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	20.2		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	14.5		0.823	"	"	"	"	"	"
Sodium	17.8		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	72.4			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	7.94			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	4.27		0.0100	SAR	1	5K21042	"	11/25/2025	
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Zach Solow
 Project Number: UWRWE-A5218-ENV
 Project: Chevron - Kielian 2-2 WH

BKG10@2

11/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-03 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	4.15		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	4.57		0.258	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	216		72.7	"	"	"	"	"	"
Cadmium	0.480		0.337	"	"	"	"	"	"
Copper	ND		40.8	"	"	"	"	"	U
Lead	16.8		12.4	"	"	"	"	"	"
Nickel	24.8		23.1	"	"	"	"	"	"
Selenium	1.09		0.218	"	"	"	"	"	"
Silver	ND		0.709	"	"	"	"	"	U
Zinc	ND		328	"	"	"	"	"	U

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

BKG11@2

11/20/2025 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-04 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.21	0.42	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.742		0.143	mg/L dry	1	5K21037	11/21/2025	11/25/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	3.66		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	2.59		0.823	"	"	"	"	"	
Sodium	2.59		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	70.0			mass percent	1	5K21106	11/21/2025	11/21/2025	
pH in Soil by 9045D									
pH	7.90			pH Units	1	5K21047	11/21/2025	11/25/2025	
SAR by 20B Saturated Paste									
SAR	1.46		0.0100	SAR	1	5K21042	"	11/25/2025	

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Zach Solow
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 Project: Chevron - Kielian 2-2 WH

BKG11@2

11/20/2025 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-04 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.901		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	7.65		0.283	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	246		79.8	"	"	"	"	"	"
Cadmium	0.510		0.370	"	"	"	"	"	"
Copper	ND		44.8	"	"	"	"	"	U
Lead	19.1		13.6	"	"	"	"	"	"
Nickel	27.4		25.3	"	"	"	"	"	"
Selenium	1.21		0.239	"	"	"	"	"	"
Silver	ND		0.778	"	"	"	"	"	U
Zinc	ND		360	"	"	"	"	"	U

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

BKG12@2

11/20/2025 11:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-05 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.21	0.41	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	1.17		0.137	mg/L dry	1	5K21037	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	5.05		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	4.67		0.823	"	"	"	"	"	
Sodium	5.13		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	72.9			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	7.95			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	2.33		0.0100	SAR	1	5K21042	"	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 WH

BKG12@2

11/20/2025 11:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-05 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.95		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	6.02		0.278	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	227		78.5	"	"	"	"	"	"
Cadmium	0.467		0.364	"	"	"	"	"	"
Copper	ND		44.1	"	"	"	"	"	U
Lead	20.2		13.4	"	"	"	"	"	"
Nickel	24.9		24.9	"	"	"	"	"	U
Selenium	1.31		0.236	"	"	"	"	"	"
Silver	ND		0.766	"	"	"	"	"	U
Zinc	ND		354	"	"	"	"	"	U

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 Grand Junction CO 81501

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

BKG13@2

11/20/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-06 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.18	0.36	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.539		0.122	mg/L dry	1	5K21037	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	2.29		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	2.44		0.823	"	"	"	"	"	
Sodium	2.20		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	82.0			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.24			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	1.43		0.0100	SAR	1	5K21042	"	11/25/2025	
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Origins Laboratory

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

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

BKG13@2

11/20/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0528-06 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.823		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.23		0.235	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	120		66.4	"	"	"	"	"	
Cadmium	ND		0.308	"	"	"	"	"	U
Copper	ND		37.2	"	"	"	"	"	U
Lead	ND		11.3	"	"	"	"	"	U
Nickel	ND		21.1	"	"	"	"	"	U
Selenium	0.321		0.199	"	"	"	"	"	
Silver	ND		0.648	"	"	"	"	"	U
Zinc	ND		300	"	"	"	"	"	U

Origins Laboratory

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

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

BKG14@2

11/20/2025 9:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-07 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.19	0.37	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	1.30		0.125	mg/L dry	1	5K21037	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	5.57		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	8.60		0.823	"	"	"	"	"	"
Sodium	9.57		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	79.9			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.20			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	3.60		0.0100	SAR	1	5K21042	"	11/25/2025	
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Origins Laboratory

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

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

BKG14@2

11/20/2025 9:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-07 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.29		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	6.23		0.246	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	186		69.3	"	"	"	"	"	"
Cadmium	0.367		0.321	"	"	"	"	"	"
Copper	ND		38.9	"	"	"	"	"	U
Lead	12.4		11.8	"	"	"	"	"	"
Nickel	22.0		22.0	"	"	"	"	"	"
Selenium	0.431		0.208	"	"	"	"	"	"
Silver	ND		0.676	"	"	"	"	"	U
Zinc	ND		313	"	"	"	"	"	U

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Entrada Consulting Group
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 Grand Junction CO 81501

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

BKG15@2

11/20/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-08 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.19	0.37	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	2.16		0.125	mg/L dry	1	5K21038	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	14.0		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	28.3		0.823	"	"	"	"	"	
Sodium	33.0		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	80.2			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.07			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	7.16		0.0100	SAR	1	5K21042	"	11/25/2025	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

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

BKG15@2

11/20/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-08 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	6.65		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.38		0.252	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	205		71.1	"	"	"	"	"	"
Cadmium	0.367		0.330	"	"	"	"	"	"
Copper	ND		39.9	"	"	"	"	"	U
Lead	12.7		12.1	"	"	"	"	"	"
Nickel	ND		22.6	"	"	"	"	"	U
Selenium	0.717		0.213	"	"	"	"	"	"
Silver	ND		0.694	"	"	"	"	"	U
Zinc	ND		321	"	"	"	"	"	U

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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 WH

BKG16@2

11/20/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-09 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.19	0.37	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.932		0.125	mg/L dry	1	5K21038	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	6.94		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	10.0		0.823	"	"	"	"	"	
Sodium	15.3		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	79.9			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.13			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	5.25		0.0100	SAR	1	5K21042	"	11/25/2025	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

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

BKG16@2

11/20/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-09 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	3.11		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	6.12		0.248	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	201		69.9	"	"	"	"	"	"
Cadmium	0.359		0.324	"	"	"	"	"	"
Copper	ND		39.2	"	"	"	"	"	U
Lead	ND		11.9	"	"	"	"	"	U
Nickel	ND		22.2	"	"	"	"	"	U
Selenium	0.387		0.210	"	"	"	"	"	U
Silver	ND		0.682	"	"	"	"	"	U
Zinc	ND		316	"	"	"	"	"	U

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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 WH

BKG17@2

11/20/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-10 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.19	0.37	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	1.11		0.124	mg/L dry	1	5K21038	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	13.4		0.499	meq/L	10	[CALC]	11/21/2025	11/25/2025	
Magnesium	17.0		0.823	"	"	"	"	"	"
Sodium	18.8		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	80.5			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	6.31			pH Units	1	5K21047	11/21/2025	11/25/2025	
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SAR by 20B Saturated Paste

SAR	4.81		0.0100	SAR	1	5K21042	"	11/25/2025	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

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

BKG17@2

11/20/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5K0528-10 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	4.03		0.00500	mmhos/cm	1	5K21047	"	11/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	3.68		0.233	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	225		65.6	"	"	"	"	"	"
Cadmium	0.362		0.304	"	"	"	"	"	"
Copper	ND		36.8	"	"	"	"	"	U
Lead	12.6		11.2	"	"	"	"	"	"
Nickel	22.0		20.8	"	"	"	"	"	"
Selenium	0.485		0.197	"	"	"	"	"	"
Silver	ND		0.640	"	"	"	"	"	U
Zinc	ND		296	"	"	"	"	"	U

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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 WH

BKG18@2

11/20/2025 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-11 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.19	0.37	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.458		0.123	mg/L dry	1	5K21038	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	3.54		0.499	meq/L	10	[CALC]	11/21/2025	11/24/2025	
Magnesium	2.50		0.823	"	"	"	"	"	
Sodium	2.46		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	81.2			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.25			pH Units	1	5K21048	11/21/2025	11/22/2025	
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SAR by 20B Saturated Paste

SAR	1.42		0.0100	SAR	1	5K21043	11/21/2025	11/24/2025	
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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 WH

BKG18@2

11/20/2025 11:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5K0528-11 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.784		0.00500	mmhos/cm	1	5K21048	11/21/2025	11/22/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.23		0.238	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	90.9		67.3	"	"	"	"	"	
Cadmium	ND		0.312	"	"	"	"	"	U
Copper	ND		37.7	"	"	"	"	"	U
Lead	ND		11.5	"	"	"	"	"	U
Nickel	ND		21.3	"	"	"	"	"	U
Selenium	0.362		0.202	"	"	"	"	"	
Silver	ND		0.656	"	"	"	"	"	U
Zinc	ND		303	"	"	"	"	"	U

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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 WH

BKG19@2

11/20/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-12 (Soil)
 Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.18	0.35	mg/Kg dry	1	388600	11/26/2025	11/27/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	2.88		0.117	mg/L dry	1	5K21038	11/21/2025	11/25/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	24.8		0.499	meq/L	10	[CALC]	11/21/2025	11/24/2025	
Magnesium	62.3		0.823	"	"	"	"	"	
Sodium	46.7		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	85.1			mass percent	1	5K21106	11/21/2025	11/21/2025	
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pH in Soil by 9045D

pH	8.15			pH Units	1	5K21048	11/21/2025	11/22/2025	
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SAR by 20B Saturated Paste

SAR	7.08		0.0100	SAR	1	5K21043	11/21/2025	11/24/2025	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

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

BKG19@2

11/20/2025 11:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5K0528-12 (Soil)
 Origins Laboratory**

Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.23		0.00500	mmhos/cm	1	5K21048	11/21/2025	11/22/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.58		0.227	mg/kg dry	10	5K21063	11/21/2025	11/22/2025	
Barium	148		64.1	"	"	"	"	"	
Cadmium	0.314		0.297	"	"	"	"	"	
Copper	ND		35.9	"	"	"	"	"	U
Lead	12.1		10.9	"	"	"	"	"	
Nickel	ND		20.3	"	"	"	"	"	U
Selenium	1.07		0.192	"	"	"	"	"	
Silver	ND		0.625	"	"	"	"	"	U
Zinc	ND		289	"	"	"	"	"	U

Origins Laboratory

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

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

*** 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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Batch 5K21106 - % Solids

Duplicate (5K21106-DUP1)

Source: E5K0527-01

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

Total Solids, Percent	93.7		mass percent		94.1			0.394	20	
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Duplicate (5K21106-DUP2)

Source: E5K0527-02

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

Total Solids, Percent	93.1		mass percent		93.0			0.181	20	
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Origins Laboratory

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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 WH

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 5K21037 - DTPA Sorbitol Preparation

Blank (5K21037-BLK1)

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

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

Duplicate (5K21037-DUP1)

Source: E5K0527-02

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

(DTPA Sorbitol) Boron 0.243 0.108 mg/L dry 0.213 13.3 50

Batch 5K21038 - DTPA Sorbitol Preparation

Blank (5K21038-BLK1)

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

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

Duplicate (5K21038-DUP1)

Source: E5K0528-08

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

(DTPA Sorbitol) Boron 2.22 0.124 mg/L dry 2.16 2.89 50

Batch 5K21042 - Saturated Paste Metals

Blank (5K21042-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 (5K21042-DUP1)

Source: E5K0527-05

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

SAR ND 0.0100 SAR 1.45 200 U

Calcium PPM 78.8 10.0 mg/L 79.7 1.11 50

Magnesium PPM 31.8 10.0 " 32.1 1.00 50

Sodium PPM 60.3 10.0 " 60.6 0.480 50

Origins Laboratory

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

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

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 5K21043 - Saturated Paste Metals

Blank (5K21043-BLK1)

Prepared: 11/21/2025 Analyzed: 11/24/2025

Calcium PPM	ND	10.0	mg/L							U
SAR	ND	0.0100	SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U

Duplicate (5K21043-DUP1)

Source: E5K0528-11

Prepared: 11/21/2025 Analyzed: 11/24/2025

SAR	ND	0.0100	SAR	1.42				200		U
Calcium PPM	74.9	10.0	mg/L	70.9			5.54	50		
Magnesium PPM	31.9	10.0	"	30.4			4.98	50		
Sodium PPM	59.8	10.0	"	56.6			5.49	50		

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

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

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 5K21063 - EPA 3050B

Blank (5K21063-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 (5K21063-BS1)

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

Arsenic	5.43	0.218	mg/kg wet	5.00		109	80-120			
Barium	538	61.5	"	500		108	80-120			
Cadmium	5.33	0.285	"	5.00		107	80-120			
Copper	52.6	34.5	"	50.0		105	80-120			
Lead	5.38	10.5	"	5.00		108	80-120			U
Nickel	5.50	19.5	"	5.00		110	80-120			U
Selenium	5.42	0.184	"	5.00		108	80-120			
Silver	5.68	0.600	"	5.00		114	80-120			
Zinc	52.5	278	"	50.0		105	80-120			U

Matrix Spike (5K21063-MS1)

Source: E5K0529-01

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

Arsenic	7.37	0.219	mg/kg dry	5.03	2.04	106	75-125			
Barium	604	61.9	"	503	78.4	104	75-125			
Cadmium	4.95	0.287	"	5.03	0.117	96.2	75-125			
Copper	58.7	34.7	"	50.3	8.63	99.5	75-125			
Lead	20.0	10.6	"	5.03	11.5	170	75-125			QM-07

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

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

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 5K21063 - EPA 3050B

Matrix Spike (5K21063-MS1)

Source: E5K0529-01

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

Nickel	12.1	19.6	mg/kg dry	5.03	5.13	138	75-125			QM-07, U
Selenium	5.20	0.186	"	5.03	0.140	101	75-125			
Silver	5.15	0.604	"	5.03	0.0432	102	75-125			
Zinc	81.8	279	"	50.3	31.9	99.3	75-125			U

Matrix Spike Dup (5K21063-MSD1)

Source: E5K0529-01

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

Arsenic	7.05	0.208	mg/kg dry	4.77	2.04	105	75-125	4.50	20	
Barium	571	58.7	"	477	78.4	103	75-125	5.67	20	
Cadmium	4.71	0.272	"	4.77	0.117	96.3	75-125	4.97	20	
Copper	56.7	32.9	"	47.7	8.63	101	75-125	3.50	20	
Lead	21.4	10.0	"	4.77	11.5	207	75-125	6.59	20	QM-07
Nickel	11.3	18.6	"	4.77	5.13	130	75-125	6.33	20	QM-07, U
Selenium	4.66	0.176	"	4.77	0.140	94.6	75-125	11.0	20	
Silver	4.88	0.573	"	4.77	0.0432	101	75-125	5.43	20	
Zinc	83.6	265	"	47.7	31.9	108	75-125	2.07	20	U

Batch 5L09041 - EPA 3050B

Blank (5L09041-BLK1)

Prepared: 12/09/2025 Analyzed: 12/10/2025

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

Origins Laboratory

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

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

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 5L09041 - EPA 3050B

Blank (5L09041-BLK1)

Prepared: 12/09/2025 Analyzed: 12/10/2025

Silver	ND	0.600	mg/kg wet							U
Zinc	ND	278	"							U

LCS (5L09041-BS1)

Prepared: 12/09/2025 Analyzed: 12/10/2025

Arsenic	5.75	0.218	mg/kg wet	5.00		115	80-120			
Barium	482	61.5	"	500		96.3	80-120			
Cadmium	5.87	0.285	"	5.00		117	80-120			
Copper	59.0	34.5	"	50.0		118	80-120			
Lead	5.76	10.5	"	5.00		115	80-120			U
Nickel	5.91	19.5	"	5.00		118	80-120			U
Selenium	5.64	0.184	"	5.00		113	80-120			
Silver	4.86	0.600	"	5.00		97.2	80-120			
Zinc	56.5	278	"	50.0		113	80-120			U

Matrix Spike (5L09041-MS1)

Source: E5L0178-11

Prepared: 12/09/2025 Analyzed: 12/10/2025

Arsenic	9.71	0.228	mg/kg dry	5.23	3.39	121	75-125			
Barium	737	64.3	"	523	73.4	127	75-125			QM-07
Cadmium	6.29	0.298	"	5.23	0.0473	119	75-125			
Copper	70.1	36.1	"	52.3	5.31	124	75-125			
Lead	12.3	11.0	"	5.23	5.68	126	75-125			QM-07
Nickel	13.4	20.4	"	5.23	6.40	134	75-125			QM-07, U
Selenium	6.05	0.193	"	5.23	0.174	113	75-125			
Silver	6.56	0.627	"	5.23	0.0319	125	75-125			
Zinc	88.6	290	"	52.3	25.2	121	75-125			U

Matrix Spike Dup (5L09041-MSD1)

Source: E5L0178-11

Prepared: 12/09/2025 Analyzed: 12/10/2025

Arsenic	8.92	0.221	mg/kg dry	5.06	3.39	109	75-125	8.46	20	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

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

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 5L09041 - EPA 3050B

Matrix Spike Dup (5L09041-MSD1)

Source: E5L0178-11

Prepared: 12/09/2025 Analyzed: 12/10/2025

Barium	676	62.3	mg/kg dry	506	73.4	119	75-125	8.59	20	
Cadmium	5.72	0.288	"	5.06	0.0473	112	75-125	9.54	20	
Copper	63.8	34.9	"	50.6	5.31	116	75-125	9.41	20	
Lead	11.4	10.6	"	5.06	5.68	113	75-125	7.07	20	
Nickel	12.2	19.7	"	5.06	6.40	114	75-125	9.47	20	U
Selenium	5.64	0.187	"	5.06	0.174	108	75-125	7.02	20	
Silver	5.92	0.607	"	5.06	0.0319	116	75-125	10.1	20	
Zinc	81.2	281	"	50.6	25.2	111	75-125	8.77	20	U

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

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 5K21047 - Saturated Paste pH/EC

Blank (5K21047-BLK1)

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

Specific Conductance (EC) ND 0.00500 mmhos/cm U

Duplicate (5K21047-DUP1)

Source: E5K0527-05

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

pH 8.17 pH Units 8.21 0.488 25

Specific Conductance (EC) 0.976 0.00500 mmhos/cm 0.931 4.74 25

Batch 5K21048 - Saturated Paste pH/EC

Blank (5K21048-BLK1)

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

Specific Conductance (EC) ND 0.00500 mmhos/cm U

Duplicate (5K21048-DUP1)

Source: E5K0528-11

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

Specific Conductance (EC) 0.816 0.00500 mmhos/cm 0.784 4.04 25

pH 8.26 pH Units 8.25 0.121 25

Origins Laboratory

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 Grand Junction CO 81501

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

**Total Metals by 7199 - Quality Control
 Enthalpy Orange**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 388600 - EPA 3060A

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

BLANK (QC1317377)

Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
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LCS (QC1317378)

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

Hexavalent Chromium	41.56	0.5976	mg/Kg	39.84		104	80-120			
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Duplicate (QC1317380)

Source: 547792-001

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

Hexavalent Chromium	ND	0.3000	mg/Kg		0		-		30	ND
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Matrix Spike (QC1317381)

Source: 547792-001

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

Hexavalent Chromium	40.01	0.6000	mg/Kg	40.00	0	100	70-130			
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Batch 390508 - EPA 3060A

Prepared: 12/18/2025 Analyzed: 12/19/2025

BLANK (QC1323876)

Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
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LCS (QC1323877)

Prepared: 12/18/2025 Analyzed: 12/19/2025

Hexavalent Chromium	38.85	0.5976	mg/Kg	39.84		98	80-120			
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Duplicate (QC1323879)

Source: 549162-001

Prepared: 12/18/2025 Analyzed: 12/19/2025

Hexavalent Chromium	ND	0.2930	mg/Kg		0		-		30	ND
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Matrix Spike (QC1323880)

Source: 549162-001

Prepared: 12/18/2025 Analyzed: 12/19/2025

Hexavalent Chromium	35.35	0.6000	mg/Kg	40.00	0	88	70-130			
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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 WH

Notes and Definitions

- U Sample is Non-Detect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Not Detected
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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