



Entrada Consulting Group

August 28, 2025

Zach Solow

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Kielian 2-2 Wellhead & Tank Battery

Project Number - [none]

Attached are your analytical results for Chevron - Kielian 2-2 Wellhead & Tank Battery received by Origins Laboratory August 13, 2025. This project is associated with Origins project number E5H0298-01.

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.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

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: [none]
Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG01@6	E5H0298-01	Soil	August 13, 2025 9:25	08/13/2025 15:22
BKG01@8	E5H0298-02	Soil	August 13, 2025 9:30	08/13/2025 15:22
BKG01@10	E5H0298-03	Soil	August 13, 2025 9:35	08/13/2025 15:22
BKG02@6	E5H0298-04	Soil	August 13, 2025 9:50	08/13/2025 15:22
BKG02@8	E5H0298-05	Soil	August 13, 2025 9:55	08/13/2025 15:22
BKG02@10	E5H0298-06	Soil	August 13, 2025 10:00	08/13/2025 15:22

Origins Laboratory

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Kayla Kenyon, Project Manager

ORIGINS LABORATORY

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

ORIGINS
LABORATORY

CSH0196

Page 1 of 1

Client: Entrada Consulting Group
 Address: _____

Telephone Number: 510 841 916

Email Address: PDC@entrada.com; kris.shepherd@entrada.com

Project Manager: Zach Solow

Project Name: Kielian 2-2 Wellhead & Tank Battery

Collected by: Zach Solow

Invoice/Billing Info: Kris Shepherd - PDC/Chevron


Small (50-500) | Oil (up to 1000) | Metals | HCL | Hydrochloric | HNO3 | Nitric | H2SO4 | Sulfuric | HAcOH | Acetic | H2O2 | Hydrogen Peroxide

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analyte				Comments
					pH	EC	SAR	Boron	
BK60106	8/13/15	0915	3	5 MNP	X	X	X	X	
BK60108		0930	1						
BK60110		0935							
BK60206		0950							
BK60208		0955							
BK60210		1000							

Relinquished By: *[Signature]*
 Date: 8/13/15
 Time: 15:12

Received By: NLM
 Date: 08/13/15
 Time: 15:12

Temp Received: 33°C (received on ice?)
 Yes No
 Turnaround Time:
 SAME DAY 24 Hr 48 Hr 72 Hr
 Standard

Origins Laboratory


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

Zach Solow
Project Number: [none]
Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: ESH0798

Client: Entrada

Client Project ID: Kielian 2-2 WH&TB

Checklist Completed by: DMC / NKM

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 8/14/25

Airbill #: N/A

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

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

Thermometer ID: T-007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 5°C ^{(1)?}	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" 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 checked="" type="checkbox"/>		
Were all samples received intact ^{(1)?}	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ^{(1)?}	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ^{(1)?}		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ^{(1)?}	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ^{(1)?}	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ^{(1)?}	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ^{(1)?}	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<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 subsampled 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 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.

Reviewed by (Project Manager)

08115125
Date/Time Reviewed

Origins Laboratory



Kayla Kenyon, Project Manager

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG01@6
8/13/2025 9:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-01 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.48	0.08	0.20	mg/kg	1	BIH1116	08/21/2025	08/25/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.200		0.0995	mg/L	1	B5H1414	08/14/2025	08/15/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.38		0.499	meq/L	10	[CALC]	08/14/2025	08/15/2025	
Magnesium	1.06		0.823	"	"	"	"	"	
Sodium	0.906		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.16			pH Units	1	B5H1419	08/14/2025	08/15/2025	
SAR by 20B Saturated Paste									
SAR	0.822		0.0100	SAR	1	B5H1409	08/14/2025	08/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.421		0.00500	mmhos/cm	1	B5H1419	08/14/2025	08/15/2025	

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Kayla Kenyon, Project Manager



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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG01@6

8/13/2025 9:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-01 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	3.42		0.271	mg/kg wet	10	B5H1435	08/14/2025	08/15/2025	
Barium	ND		76.5	"	"	"	"	"	U
Cadmium	ND		0.355	"	"	"	"	"	U
Copper	ND		42.9	"	"	"	"	"	U
Lead	ND		13.1	"	"	"	"	"	U
Nickel	ND		24.3	"	"	"	"	"	U
Selenium	1.15		0.243	"	"	"	"	"	
Silver	ND		0.747	"	"	"	"	"	U
Zinc	ND		345	"	"	"	"	"	U

Origins Laboratory

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Entrada Consulting Group
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Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG01@8
8/13/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-02 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.29	0.08	0.19	mg/kg	1	BIH1116	08/21/2025	08/25/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.0999	mg/L	1	B5H1414	08/14/2025	08/15/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	0.945		0.499	meq/L	10	[CALC]	08/14/2025	08/15/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.594		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.11			pH Units	1	B5H1419	08/14/2025	08/15/2025	
SAR by 20B Saturated Paste									
SAR	0.661		0.0100	SAR	1	B5H1409	08/14/2025	08/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.267		0.00500	mmhos/cm	1	B5H1419	08/14/2025	08/15/2025	

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Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG01@8

8/13/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-02 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	0.538		0.249	mg/kg wet	10	B5H1435	08/14/2025	08/15/2025	
Barium	ND		70.4	"	"	"	"	"	U
Cadmium	ND		0.326	"	"	"	"	"	U
Copper	ND		39.5	"	"	"	"	"	U
Lead	ND		12.0	"	"	"	"	"	U
Nickel	ND		22.3	"	"	"	"	"	U
Selenium	0.261		0.223	"	"	"	"	"	
Silver	ND		0.687	"	"	"	"	"	U
Zinc	ND		318	"	"	"	"	"	U

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 Grand Junction CO 81501

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG01@10
8/13/2025 9:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-03 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.09	0.08	0.20	mg/kg	1	BIH1116	08/21/2025	08/25/2025	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.100	mg/L	1	B5H1414	08/14/2025	08/15/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	1.13		0.499	meq/L	10	[CALC]	08/14/2025	08/15/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.696		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.22			pH Units	1	B5H1419	08/14/2025	08/15/2025	
SAR by 20B Saturated Paste									
SAR	0.715		0.0100	SAR	1	B5H1409	08/14/2025	08/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.309		0.00500	mmhos/cm	1	B5H1419	08/14/2025	08/15/2025	

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Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG01@10
8/13/2025 9:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-03 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	1.37		0.270	mg/kg wet	10	B5H1435	08/14/2025	08/15/2025	
Barium	ND		76.4	"	"	"	"	"	U
Cadmium	ND		0.354	"	"	"	"	"	U
Copper	ND		42.8	"	"	"	"	"	U
Lead	ND		13.0	"	"	"	"	"	U
Nickel	ND		24.2	"	"	"	"	"	U
Selenium	0.706		0.242	"	"	"	"	"	
Silver	ND		0.745	"	"	"	"	"	U
Zinc	ND		345	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG02@6

8/13/2025 9:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-04 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.29	0.08	0.19	mg/kg	1	BIH1116	08/21/2025	08/25/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.727		0.0999	mg/L	1	B5H1414	08/14/2025	08/15/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	5.76		0.499	meq/L	10	[CALC]	08/14/2025	08/15/2025	
Magnesium	5.05		0.823	"	"	"	"	"	
Sodium	4.48		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.78			pH Units	1	B5H1419	08/14/2025	08/15/2025	
SAR by 20B Saturated Paste									
SAR	1.93		0.0100	SAR	1	B5H1409	08/14/2025	08/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.52		0.00500	mmhos/cm	1	B5H1419	08/14/2025	08/15/2025	

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 Grand Junction CO 81501

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BKG02@6

8/13/2025 9:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-04 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	4.11		0.266	mg/kg wet	10	B5H1435	08/14/2025	08/15/2025	
Barium	229		75.2	"	"	"	"	"	
Cadmium	0.380		0.349	"	"	"	"	"	
Copper	ND		42.2	"	"	"	"	"	U
Lead	ND		12.8	"	"	"	"	"	U
Nickel	ND		23.9	"	"	"	"	"	U
Selenium	0.917		0.239	"	"	"	"	"	
Silver	ND		0.734	"	"	"	"	"	U
Zinc	ND		339	"	"	"	"	"	U

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG02@8

8/13/2025 9:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-05 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.72	0.08	0.19	mg/kg	1	BIH1116	08/21/2025	08/26/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.124		0.0999	mg/L	1	B5H1414	08/14/2025	08/15/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.14		0.499	meq/L	10	[CALC]	08/14/2025	08/15/2025	
Magnesium	0.829		0.823	"	"	"	"	"	
Sodium	0.979		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.15			pH Units	1	B5H1419	08/14/2025	08/15/2025	
SAR by 20B Saturated Paste									
SAR	0.987		0.0100	SAR	1	B5H1409	08/14/2025	08/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.492		0.00500	mmhos/cm	1	B5H1419	08/14/2025	08/15/2025	

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG02@8

8/13/2025 9:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0298-05 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	1.18		0.250	mg/kg wet	10	B5H1435	08/14/2025	08/15/2025	
Barium	ND		70.8	"	"	"	"	"	U
Cadmium	ND		0.328	"	"	"	"	"	U
Copper	ND		39.7	"	"	"	"	"	U
Lead	ND		12.1	"	"	"	"	"	U
Nickel	ND		22.4	"	"	"	"	"	U
Selenium	ND		0.224	"	"	"	"	"	U
Silver	ND		0.690	"	"	"	"	"	U
Zinc	ND		319	"	"	"	"	"	U

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG02@10
8/13/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-06 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.15	0.08	0.21	mg/kg	1	BIH1116	08/21/2025	08/26/2025	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.0997	mg/L	1	B5H1414	08/14/2025	08/15/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	1.82		0.499	meq/L	10	[CALC]	08/14/2025	08/15/2025	
Magnesium	1.42		0.823	"	"	"	"	"	
Sodium	1.20		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.10			pH Units	1	B5H1419	08/14/2025	08/15/2025	
SAR by 20B Saturated Paste									
SAR	0.942		0.0100	SAR	1	B5H1409	08/14/2025	08/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.584		0.00500	mmhos/cm	1	B5H1419	08/14/2025	08/15/2025	

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

BKG02@10
8/13/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0298-06 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	0.947		0.245	mg/kg wet	10	B5H1435	08/14/2025	08/15/2025	
Barium	ND		69.2	"	"	"	"	"	U
Cadmium	ND		0.321	"	"	"	"	"	U
Copper	ND		38.8	"	"	"	"	"	U
Lead	ND		11.8	"	"	"	"	"	U
Nickel	ND		22.0	"	"	"	"	"	U
Selenium	ND		0.220	"	"	"	"	"	U
Silver	ND		0.676	"	"	"	"	"	U
Zinc	ND		312	"	"	"	"	"	U

Origins Laboratory

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & 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 B5H1409 - Saturated Paste Metals

Blank (B5H1409-BLK1)

Prepared: 08/14/2025 Analyzed: 08/15/2025

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 (B5H1409-DUP1)

Source: E5H0297-01

Prepared: 08/14/2025 Analyzed: 08/15/2025

Calcium PPM	65.3	10.0	mg/L		67.9			3.96	50	
SAR	ND	0.0100	SAR		1.05				200	U
Magnesium PPM	34.5	10.0	mg/L		37.8			9.02	50	
Sodium PPM	41.9	10.0	"		43.5			3.75	50	

Batch B5H1414 - DTPA Sorbitol Preparation

Blank (B5H1414-BLK1)

Prepared: 08/14/2025 Analyzed: 08/15/2025

Boron	ND	0.100	mg/L							U
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Duplicate (B5H1414-DUP1)

Source: E5H0297-01

Prepared: 08/14/2025 Analyzed: 08/15/2025

Boron	0.291	0.100	mg/L		0.347			17.7	50	
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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: [none]
 Project: Chevron - Kielian 2-2 Wellhead & 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 B5H1435 - EPA 3050B

Blank (B5H1435-BLK1)

Prepared: 08/14/2025 Analyzed: 08/15/2025

Arsenic	ND	0.290	mg/kg wet							U
Barium	ND	82.0	"							U
Cadmium	ND	0.380	"							U
Copper	ND	46.0	"							U
Lead	ND	14.0	"							U
Nickel	ND	26.0	"							U
Selenium	ND	0.260	"							U
Silver	ND	0.800	"							U
Zinc	ND	370	"							U

LCS (B5H1435-BS1)

Prepared: 08/14/2025 Analyzed: 08/19/2025

Arsenic	5.09	0.290	mg/kg wet	5.00		102	80-120			
Barium	544	82.0	"	500		109	80-120			
Cadmium	5.61	0.380	"	5.00		112	80-120			
Copper	54.8	46.0	"	50.0		110	80-120			
Lead	5.45	14.0	"	5.00		109	80-120			U
Nickel	5.11	26.0	"	5.00		102	80-120			U
Selenium	5.79	0.260	"	5.00		116	80-120			
Silver	5.96	0.800	"	5.00		119	80-120			
Zinc	56.8	370	"	50.0		114	80-120			U

Matrix Spike (B5H1435-MS1)

Source: E5H0297-07

Prepared: 08/14/2025 Analyzed: 08/15/2025

Arsenic	7.90	0.274	mg/kg wet	4.72	2.88	106	75-125			
Barium	709	77.4	"	472	202	108	75-125			
Cadmium	5.81	0.359	"	4.72	0.487	113	75-125			
Copper	73.9	43.4	"	47.2	23.6	107	75-125			
Lead	19.0	13.2	"	4.72	15.0	84.0	75-125			

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Kayla Kenyon, Project Manager



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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & 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 B5H1435 - EPA 3050B

Matrix Spike (B5H1435-MS1)

Source: E5H0297-07

Prepared: 08/14/2025 Analyzed: 08/15/2025

Nickel	26.1	24.5	mg/kg wet	4.72	20.9	109	75-125			
Selenium	5.93	0.245	"	4.72	0.401	117	75-125			
Silver	5.50	0.755	"	4.72	0.113	114	75-125			
Zinc	132	349	"	47.2	80.0	110	75-125			U

Matrix Spike Dup (B5H1435-MSD1)

Source: E5H0297-07

Prepared: 08/14/2025 Analyzed: 08/15/2025

Arsenic	7.76	0.258	mg/kg wet	4.45	2.88	110	75-125	1.77	20	
Barium	730	73.0	"	445	202	119	75-125	2.91	20	
Cadmium	5.98	0.338	"	4.45	0.487	123	75-125	2.96	20	
Copper	70.4	41.0	"	44.5	23.6	105	75-125	4.85	20	
Lead	18.2	12.5	"	4.45	15.0	71.8	75-125	4.13	20	QM-07
Nickel	24.4	23.2	"	4.45	20.9	77.0	75-125	6.76	20	
Selenium	6.01	0.232	"	4.45	0.401	126	75-125	1.39	20	QM-07
Silver	5.66	0.713	"	4.45	0.113	125	75-125	2.95	20	
Zinc	125	330	"	44.5	80.0	101	75-125	5.27	20	U

Origins Laboratory

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & 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 B5H1419 - Saturated Paste pH/EC

Blank (B5H1419-BLK1)

Prepared: 08/14/2025 Analyzed: 08/15/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (B5H1419-DUP1)

Source: E5H0297-01

Prepared: 08/14/2025 Analyzed: 08/15/2025

pH	7.80		pH Units		7.79			0.128		25
Specific Conductance (EC)	0.802	0.00500	mmhos/cm		0.861			7.01		25

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

Zach Solow
 Project Number: [none]
 Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

Total Metals by SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIH1116 - No Prep IC-WET

Blank (BIH1116-BLK1)

Prepared: 08/21/2025 Analyzed: 08/25/2025

Chromium, Hexavalent

ND 0.005 mg/kg

LCS (BIH1116-BS1)

Prepared: 08/21/2025 Analyzed: 08/25/2025

Chromium, Hexavalent

0.05 0.005 mg/kg 0.0500

96.8 80-120

LCS (BIH1116-BS2)

Prepared: 08/21/2025 Analyzed: 08/25/2025

Chromium, Hexavalent

7.00 1.00 mg/kg

80-120

Matrix Spike (BIH1116-MS1)

Source: 25H1757-03

Prepared: 08/21/2025 Analyzed: 08/26/2025

Chromium, Hexavalent

2.28 0.21 mg/kg 2.08

ND 110 75-125

Matrix Spike Dup (BIH1116-MSD1)

Source: 25H1757-03

Prepared: 08/21/2025 Analyzed: 08/26/2025

Chromium, Hexavalent

1.97 0.20 mg/kg 1.96

ND 101 75-125 14.3 20

Origins Laboratory

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

Zach Solow
Project Number: [none]
Project: Chevron - Kielian 2-2 Wellhead & Tank Battery

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.
 - J The reported result is an estimated value.
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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