



Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

July 31, 2025

Project Name - Chevron - UPRC 13-06J

Project Number - [none]

Attached are your analytical results for Chevron - UPRC 13-06J received by Origins Laboratory July 17, 2025. This project is associated with Origins project number E5G0353-01.

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





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

Chelsea Verysen
Project Number: [none]
Project: Chevron - UPRC 13-06J

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	E5G0353-01	Soil	July 17, 2025 13:00	07/17/2025 17:23
BKG01@4	E5G0353-06	Soil	July 17, 2025 13:25	07/17/2025 17:23
BKG01@6	E5G0353-07	Soil	July 17, 2025 13:30	07/17/2025 17:23
BKG02@4	E5G0353-08	Soil	July 17, 2025 13:35	07/17/2025 17:23
BKG02@6	E5G0353-09	Soil	July 17, 2025 13:40	07/17/2025 17:23

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ORIGINS LABORATORY

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

Chelsea Veryser
Project Number: [none]
Project: Chevron - UPRC 13-06J



ESG0353

Page 1 of 1

Client: Entrada
Project Manager: Chelsea Veryser
Project Name: UPRC 13-06J
Key: W=Water

Telephone Number: 970 398 8493
Email Address: chelsea.veryser@entrada.com
Invoice/Billing Info: Bill to Entrada with (MVA)
S-Soil | S-Solid | O-Dil | A-Air | G-gas | L-Liquor | HCl = Hydrochloric | HNO3 = Nitric | H2SO4 = Sulfuric | NaOH = Sodium Hydroxide

#	Sample ID	Date	Time	# of Containers	Matrix Preservative	Analysis				Comments
						Table 915	915 metals	pH	EC	
1	WHL-06	7/17/25	1900	2	WHL	X	X	X	X	Hold
2	WHL-07	7/17/25	1905	1	WHL	X	X	X	X	Hold
3	WHL-E 04	7/17/25	1910	1	WHL	X	X	X	X	Hold
4	WHL-W 04	7/17/25	1915	1	WHL	X	X	X	X	Hold
5	WHL-S 04	7/17/25	1920	1	WHL	X	X	X	X	Hold
6	WHL-04	7/17/25	1925	1	WHL	X	X	X	X	Hold
7	WHL-04	7/17/25	1930	1	WHL	X	X	X	X	Hold
8	WHL-04	7/17/25	1935	1	WHL	X	X	X	X	Hold
9	WHL-04	7/17/25	1940	1	WHL	X	X	X	X	Hold

Requested By: [Signature]
Date: 7/17/25
Time: 1900
Received By: [Signature]
Date: 7/17/25
Time: 1903
Temp Received: 4.5°C
Received On Ice? Yes No
Turnaround Time: 48 Hr 72 Hr

Origins Laboratory
[Signature]

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

Chelsea Verysen
Project Number: [none]
Project: Chevron - UPRC 13-06J

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: ESG0353

Client: Entrada

Client Project ID: UPRC 13-06J

Checklist Completed by: NKM/NKM

Shipped Via: HD

Date/time completed: 07/17/25

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

Airbill #: N/A

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

Water

Other:

(Describe)

Cooler Number/Temperature: 1 / 4.5 °C

Thermometer ID: T-007

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"/>			
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 subcontracted analyses in order to insure sample integrity)(pH <2 for samples preserved with HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaOH) > NaOH, 2.0ac-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) EHO

Date/Time Reviewed 7/17/25

Origins Laboratory

EHO

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

WH01@6

7/17/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0353-01 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BIG1193	07/24/2025	07/24/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.100	mg/L	1	B5G1814	07/18/2025	07/21/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	273		25.0	mg/kg	1	B5G1801	07/18/2025	07/18/2025	
Residual Range Organics (C28-C40)	270		100	"	"	"	"	"	
Surrogate: o-Terphenyl	72.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5G1803	07/18/2025	07/18/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

WH01@6

7/17/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5G0353-01 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B5G1803	07/18/2025	07/18/2025	U
Surrogate: 1,2-Dichloroethane-d4	105 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	96.2 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.51		0.499	meq/L	10	[CALC]	07/18/2025	07/22/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.810		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5G1825	07/18/2025	07/18/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U

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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

WH01@6

7/17/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5G0353-01 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg	1	B5G1825	07/18/2025	07/18/2025	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	106 %			60-130		"	"	"	
Surrogate: Anthracene-d10	98.4 %			60-130		"	"	"	
Surrogate: Pyrene-d10	92.8 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.59			pH Units	1	B5G1817	07/18/2025	07/22/2025	
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SAR by 20B Saturated Paste

SAR	0.648		0.0100	SAR	1	B5G1811	07/18/2025	07/22/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.677		0.00500	mmhos/cm	1	B5G1817	07/18/2025	07/22/2025	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

WH01@6

7/17/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0353-01 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	1.81		0.261	mg/kg	10	B5G1835	07/18/2025	07/22/2025	
Barium	ND		73.7	"	"	"	"	"	"
Cadmium	ND		0.341	"	"	"	"	"	"
Copper	ND		41.3	"	"	"	"	"	"
Lead	16.5		12.6	"	"	"	"	"	"
Nickel	ND		23.4	"	"	"	"	"	"
Selenium	ND		0.234	"	"	"	"	"	"
Silver	ND		0.719	"	"	"	"	"	"
Zinc	ND		332	"	"	"	"	"	"

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

Chelsea Veryser
Project Number: [none]
Project: Chevron - UPRC 13-06J

BKG01@4

7/17/2025 1:25:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0353-06 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	0.09	0.08	0.20	mg/kg	1	BIG1193	07/24/2025	07/24/2025	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.0999	mg/L	1	B5G1814	07/18/2025	07/21/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	07/18/2025	07/22/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.36			pH Units	1	B5G1817	07/18/2025	07/22/2025	
SAR by 20B Saturated Paste									
SAR	0.173		0.0100	SAR	1	B5G1811	07/18/2025	07/22/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.0517		0.00500	mmhos/cm	1	B5G1817	07/18/2025	07/22/2025	

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

BKG01@4

7/17/2025 1:25:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5G0353-06 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	1.94		0.279	mg/kg	10	B5G1835	07/18/2025	07/21/2025	
Barium	ND		79.0	"	"	"	"	"	"
Cadmium	ND		0.366	"	"	"	"	"	"
Copper	ND		44.3	"	"	"	"	"	"
Lead	ND		13.5	"	"	"	"	"	"
Nickel	ND		25.1	"	"	"	"	"	"
Selenium	ND		0.251	"	"	"	"	"	"
Silver	ND		0.771	"	"	"	"	"	"
Zinc	ND		357	"	"	"	"	"	"

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

Chelsea Verysen
Project Number: [none]
Project: Chevron - UPRC 13-06J

BKG01@6

7/17/2025 1:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0353-07 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BIG1121	07/23/2025	07/28/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.100	mg/L	1	B5G1814	07/18/2025	07/21/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	07/18/2025	07/22/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.15			pH Units	1	B5G1817	07/18/2025	07/22/2025	
SAR by 20B Saturated Paste									
SAR	0.180		0.0100	SAR	1	B5G1811	07/18/2025	07/22/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.0617		0.00500	mmhos/cm	1	B5G1817	07/18/2025	07/22/2025	

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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

BKG01@6

7/17/2025 1:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5G0353-07 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	2.00		0.278	mg/kg	10	B5G1835	07/18/2025	07/21/2025	
Barium	ND		78.5	"	"	"	"	"	"
Cadmium	ND		0.364	"	"	"	"	"	"
Copper	ND		44.1	"	"	"	"	"	"
Lead	ND		13.4	"	"	"	"	"	"
Nickel	ND		24.9	"	"	"	"	"	"
Selenium	ND		0.249	"	"	"	"	"	"
Silver	ND		0.766	"	"	"	"	"	"
Zinc	ND		354	"	"	"	"	"	"

Origins Laboratory

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

Chelsea Veryser
Project Number: [none]
Project: Chevron - UPRC 13-06J

BKG02@4

7/17/2025 1:35:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0353-08 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg	1	BIG1121	07/23/2025	07/28/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.100	mg/L	1	B5G1814	07/18/2025	07/21/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	07/18/2025	07/22/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.30			pH Units	1	B5G1817	07/18/2025	07/22/2025	
SAR by 20B Saturated Paste									
SAR	0.174		0.0100	SAR	1	B5G1811	07/18/2025	07/22/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.0562		0.00500	mmhos/cm	1	B5G1817	07/18/2025	07/22/2025	

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

BKG02@4

7/17/2025 1:35:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5G0353-08 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	1.84		0.269	mg/kg	10	B5G1835	07/18/2025	07/21/2025	
Barium	ND		76.1	"	"	"	"	"	"
Cadmium	ND		0.353	"	"	"	"	"	"
Copper	ND		42.7	"	"	"	"	"	"
Lead	ND		13.0	"	"	"	"	"	"
Nickel	ND		24.1	"	"	"	"	"	"
Selenium	ND		0.241	"	"	"	"	"	"
Silver	ND		0.742	"	"	"	"	"	"
Zinc	ND		343	"	"	"	"	"	"

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

Chelsea Verysen
Project Number: [none]
Project: Chevron - UPRC 13-06J

BKG02@6

7/17/2025 1:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0353-09 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.19	mg/kg	1	BIG1121	07/23/2025	07/29/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	ND		0.0997	mg/L	1	B5G1814	07/18/2025	07/21/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	07/18/2025	07/22/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.49			pH Units	1	B5G1817	07/18/2025	07/22/2025	
SAR by 20B Saturated Paste									
SAR	0.221		0.0100	SAR	1	B5G1811	07/18/2025	07/22/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.0489		0.00500	mmhos/cm	1	B5G1817	07/18/2025	07/22/2025	

Origins Laboratory



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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

BKG02@6

7/17/2025 1:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0353-09 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	1.81		0.255	mg/kg	10	B5G1835	07/18/2025	07/21/2025	
Barium	ND		72.2	"	"	"	"	"	"
Cadmium	ND		0.335	"	"	"	"	"	"
Copper	ND		40.5	"	"	"	"	"	"
Lead	ND		12.3	"	"	"	"	"	"
Nickel	ND		22.9	"	"	"	"	"	"
Selenium	ND		0.229	"	"	"	"	"	"
Silver	ND		0.705	"	"	"	"	"	"
Zinc	ND		326	"	"	"	"	"	"

Origins Laboratory

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

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 B5G1811 - Saturated Paste Metals

Blank (B5G1811-BLK1)

Prepared: 07/18/2025 Analyzed: 07/22/2025

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

Duplicate (B5G1811-DUP1)

Source: E5G0353-01

Prepared: 07/18/2025 Analyzed: 07/22/2025

Calcium PPM	37.5	10.0	mg/L		50.2			28.9	50	
SAR	ND	0.0100	SAR		0.648				200	
Magnesium PPM	5.60	10.0	mg/L		7.53			29.4	50	
Sodium PPM	13.6	10.0	"		18.6			31.0	50	

Batch B5G1814 - DTPA Sorbitol Preparation

Blank (B5G1814-BLK1)

Prepared: 07/18/2025 Analyzed: 07/21/2025

Boron	ND	0.100	mg/L							
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Duplicate (B5G1814-DUP1)

Source: E5G0353-01

Prepared: 07/18/2025 Analyzed: 07/21/2025

Boron	0.0300	0.100	mg/L		0.0280			6.90	50	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B5G1825 - EPA 3580

Blank (B5G1825-BLK1)

Prepared: 07/18/2025 Analyzed: 07/18/2025

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U

Surrogate: Fluorene-d10	210		ug/kg	200		106	60-130			
Surrogate: Anthracene-d10	190		"	200		97.0	60-130			
Surrogate: Pyrene-d10	190		"	200		97.5	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.4	60-130			

LCS (B5G1825-BS1)

Prepared: 07/18/2025 Analyzed: 07/18/2025

1-Methylnaphthalene	0.178	0.002	mg/kg	0.200		89.2	70-130			
2-Methylnaphthalene	0.181	0.002	"	0.200		90.5	70-130			
Acenaphthene	0.176	0.020	"	0.200		88.2	70-130			
Anthracene	0.166	0.020	"	0.200		83.0	70-130			

Origins Laboratory

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B5G1825 - EPA 3580

LCS (B5G1825-BS1)

Prepared: 07/18/2025 Analyzed: 07/18/2025

Benzo (a) anthracene	0.170	0.005	mg/kg	0.200		84.9	70-130			
Benzo (a) pyrene	0.169	0.020	"	0.200		84.4	70-130			
Benzo (b) fluoranthene	0.169	0.020	"	0.200		84.7	70-130			
Benzo (g,h,i) perylene	0.167	0.020	"	0.200		83.4	70-130			
Benzo (k) fluoranthene	0.163	0.020	"	0.200		81.6	70-130			
Chrysene	0.160	0.020	"	0.200		80.2	70-130			
Dibenz (a,h) anthracene	0.166	0.020	"	0.200		82.8	70-130			
Fluoranthene	0.170	0.020	"	0.200		85.2	70-130			
Fluorene	0.178	0.020	"	0.200		89.2	70-130			
Indeno (1,2,3-cd) pyrene	0.172	0.020	"	0.200		86.1	70-130			
Naphthalene	0.177	0.002	"	0.200		88.3	70-130			
Phenanthrene	0.171	0.020	"	0.200		85.5	70-130			
Pyrene	0.167	0.020	"	0.200		83.6	70-130			

Surrogate: Fluorene-d10	220		ug/kg	200		108	60-130			
Surrogate: Anthracene-d10	190		"	200		96.5	60-130			
Surrogate: Pyrene-d10	190		"	200		95.7	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.9	60-130			

Matrix Spike (B5G1825-MS1)

Source: E5G0352-01

Prepared: 07/18/2025 Analyzed: 07/18/2025

1-Methylnaphthalene	0.188	0.002	mg/kg	0.200	0.0009	93.4	70-130			
2-Methylnaphthalene	0.191	0.002	"	0.200	0.001	94.8	70-130			
Acenaphthene	0.189	0.020	"	0.200	0.003	92.6	70-130			
Anthracene	0.187	0.020	"	0.200	ND	93.3	70-130			
Benzo (a) anthracene	0.177	0.005	"	0.200	ND	88.3	70-130			
Benzo (a) pyrene	0.178	0.020	"	0.200	0.001	88.3	70-130			
Benzo (b) fluoranthene	0.183	0.020	"	0.200	0.002	90.7	70-130			
Benzo (g,h,i) perylene	0.176	0.020	"	0.200	0.002	87.4	70-130			

Origins Laboratory

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B5G1825 - EPA 3580

Matrix Spike (B5G1825-MS1)		Source: E5G0352-01			Prepared: 07/18/2025 Analyzed: 07/18/2025					
Benzo (k) fluoranthene	0.163	0.020	mg/kg	0.200	0.002	80.6	70-130			
Chrysene	0.182	0.020	"	0.200	0.002	89.8	70-130			
Dibenz (a,h) anthracene	0.174	0.020	"	0.200	0.0007	86.7	70-130			
Fluoranthene	0.178	0.020	"	0.200	0.0007	88.4	70-130			
Fluorene	0.185	0.020	"	0.200	0.002	91.5	70-130			
Indeno (1,2,3-cd) pyrene	0.182	0.020	"	0.200	ND	91.0	70-130			
Naphthalene	0.183	0.002	"	0.200	ND	91.4	70-130			
Phenanthrene	0.183	0.020	"	0.200	0.003	90.2	70-130			
Pyrene	0.173	0.020	"	0.200	0.002	85.6	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		106	60-130			
Surrogate: Anthracene-d10	200		"	200		97.8	60-130			
Surrogate: Pyrene-d10	190		"	200		95.0	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Matrix Spike Dup (B5G1825-MSD1)		Source: E5G0352-01			Prepared: 07/18/2025 Analyzed: 07/18/2025					
1-Methylnaphthalene	0.185	0.002	mg/kg	0.200	0.0009	91.9	70-130	1.61	20	
2-Methylnaphthalene	0.188	0.002	"	0.200	0.001	93.2	70-130	1.68	20	
Acenaphthene	0.183	0.020	"	0.200	0.003	89.8	70-130	3.02	20	
Anthracene	0.179	0.020	"	0.200	ND	89.4	70-130	4.25	20	
Benzo (a) anthracene	0.174	0.005	"	0.200	ND	87.2	70-130	1.29	20	
Benzo (a) pyrene	0.174	0.020	"	0.200	0.001	86.7	70-130	1.89	20	
Benzo (b) fluoranthene	0.177	0.020	"	0.200	0.002	87.4	70-130	3.63	20	
Benzo (g,h,i) perylene	0.174	0.020	"	0.200	0.002	86.2	70-130	1.35	20	
Benzo (k) fluoranthene	0.171	0.020	"	0.200	0.002	84.5	70-130	4.66	20	
Chrysene	0.176	0.020	"	0.200	0.002	86.7	70-130	3.50	20	
Dibenz (a,h) anthracene	0.174	0.020	"	0.200	0.0007	86.7	70-130	0.0722	20	
Fluoranthene	0.175	0.020	"	0.200	0.0007	87.2	70-130	1.33	20	

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 Grand Junction CO 81501

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B5G1825 - EPA 3580

Matrix Spike Dup (B5G1825-MSD1)

Source: E5G0352-01

Prepared: 07/18/2025 Analyzed: 07/18/2025

Fluorene	0.184	0.020	mg/kg	0.200	0.002	91.0	70-130	0.496	20	
Indeno (1,2,3-cd) pyrene	0.178	0.020	"	0.200	ND	88.9	70-130	2.37	20	
Naphthalene	0.179	0.002	"	0.200	ND	89.5	70-130	2.06	20	
Phenanthrene	0.180	0.020	"	0.200	0.003	88.8	70-130	1.58	20	
Pyrene	0.170	0.020	"	0.200	0.002	84.3	70-130	1.55	20	
Surrogate: Fluorene-d10	210		ug/kg	200		107	60-130			
Surrogate: Anthracene-d10	200		"	200		98.5	60-130			
Surrogate: Pyrene-d10	190		"	200		94.9	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5G1801 - EPA 3550B										
Blank (B5G1801-BLK1)										
					Prepared: 07/18/2025 Analyzed: 07/18/2025					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	19		"	24.9		76.6	50-150			
LCS (B5G1801-BS1)										
					Prepared: 07/18/2025 Analyzed: 07/18/2025					
Diesel (C10-C28)	895	50.0	mg/kg	1000		89.5	70-130			
Residual Range Organics (C28-C40)	984	200	"	1000		98.4	70-130			
Surrogate: o-Terphenyl	43		"	49.8		86.2	50-150			
Matrix Spike (B5G1801-MS1)										
		Source: E5G0343-01			Prepared: 07/18/2025 Analyzed: 07/18/2025					
Diesel (C10-C28)	941	50.0	mg/kg	1000	ND	94.1	70-130			
Residual Range Organics (C28-C40)	1050	200	"	1000	ND	105	70-130			
Surrogate: o-Terphenyl	40		"	49.8		80.8	50-150			
Matrix Spike Dup (B5G1801-MSD1)										
		Source: E5G0343-01			Prepared: 07/18/2025 Analyzed: 07/18/2025					
Diesel (C10-C28)	898	50.0	mg/kg	1000	ND	89.8	70-130	4.69	35	
Residual Range Organics (C28-C40)	1030	200	"	1000	ND	103	70-130	2.42	35	
Surrogate: o-Terphenyl	39		"	49.8		78.2	50-150			

Origins Laboratory

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

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 B5G1835 - EPA 3050B

Prepared: 07/18/2025 Analyzed: 07/21/2025

Blank (B5G1835-BLK1)

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

LCS (B5G1835-BS1)

Prepared: 07/18/2025 Analyzed: 07/21/2025

Arsenic	5.30	0.290	mg/kg	5.00		106	80-120			
Barium	516	82.0	"	500		103	80-120			
Cadmium	5.54	0.380	"	5.00		111	80-120			
Copper	55.3	46.0	"	50.0		111	80-120			
Lead	5.12	14.0	"	5.00		102	80-120			
Nickel	5.46	26.0	"	5.00		109	80-120			
Selenium	5.47	0.260	"	5.00		109	80-120			
Silver	5.45	0.800	"	5.00		109	80-120			
Zinc	54.8	370	"	50.0		110	80-120			

Matrix Spike (B5G1835-MS1)

Source: E5G0353-01

Prepared: 07/18/2025 Analyzed: 07/22/2025

Arsenic	6.28	0.262	mg/kg	4.52	1.81	98.8	75-125			
Barium	571	74.0	"	452	38.6	118	75-125			
Cadmium	5.25	0.343	"	4.52	0.121	114	75-125			
Copper	51.4	41.5	"	45.2	5.40	102	75-125			
Lead	17.3	12.6	"	4.52	16.5	17.2	75-125			QM-07

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

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 B5G1835 - EPA 3050B

Matrix Spike (B5G1835-MS1)

Source: E5G0353-01

Prepared: 07/18/2025 Analyzed: 07/22/2025

Nickel	7.91	23.5	mg/kg	4.52	3.73	92.5	75-125			
Selenium	4.93	0.235	"	4.52	0.136	106	75-125			
Silver	5.13	0.722	"	4.52	0.0135	113	75-125			
Zinc	68.7	334	"	45.2	27.2	92.0	75-125			

Matrix Spike Dup (B5G1835-MSD1)

Source: E5G0353-01

Prepared: 07/18/2025 Analyzed: 07/22/2025

Arsenic	6.97	0.254	mg/kg	4.39	1.81	117	75-125	10.5	20	
Barium	621	71.9	"	439	38.6	133	75-125	8.45	20	QM-07
Cadmium	5.65	0.333	"	4.39	0.121	126	75-125	7.47	20	QM-07
Copper	57.8	40.4	"	43.9	5.40	120	75-125	11.7	20	
Lead	20.0	12.3	"	4.39	16.5	79.9	75-125	14.6	20	
Nickel	9.13	22.8	"	4.39	3.73	123	75-125	14.4	20	
Selenium	5.39	0.228	"	4.39	0.136	120	75-125	8.98	20	
Silver	5.55	0.702	"	4.39	0.0135	126	75-125	7.97	20	QM-07
Zinc	76.5	325	"	43.9	27.2	112	75-125	10.7	20	

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

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 B5G1817 - Saturated Paste pH/EC

Blank (B5G1817-BLK1)

Prepared: 07/18/2025 Analyzed: 07/22/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5G1817-DUP1)

Source: E5G0353-01

Prepared: 07/18/2025 Analyzed: 07/22/2025

pH 7.31 pH Units 7.59 3.76 25

Specific Conductance (EC) 0.545 0.00500 mmhos/cm 0.677 21.5 25

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

Volatile Organic Compounds by GC/MS SW846 8260D - 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 B5G1803 - EPA 5030 (soil)

Blank (B5G1803-BLK1)

Prepared: 07/18/2025 Analyzed: 07/18/2025

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.9	70-130			

LCS (B5G1803-BS1)

Prepared: 07/18/2025 Analyzed: 07/18/2025

1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100		109	70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Benzene	0.110	0.00200	"	0.100		110	70-130			
Ethylbenzene	0.112	0.00200	"	0.100		112	70-130			
Naphthalene	0.0919	0.00380	"	0.100		91.9	70-130			
Toluene	0.111	0.00200	"	0.100		111	70-130			
o-Xylene	0.108	0.00200	"	0.100		108	70-130			
m,p-Xylene	0.223	0.00400	"	0.200		111	70-130			

Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		85.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Matrix Spike (B5G1803-MS1)

Source: E5G0343-01

Prepared: 07/18/2025 Analyzed: 07/18/2025

1,2,4-Trimethylbenzene	0.105	0.00200	mg/kg	0.100	ND	105	70-130			
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Origins Laboratory

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

Volatile Organic Compounds by GC/MS SW846 8260D - 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 B5G1803 - EPA 5030 (soil)

Matrix Spike (B5G1803-MS1)		Source: E5G0343-01			Prepared: 07/18/2025 Analyzed: 07/18/2025					
1,3,5-Trimethylbenzene	0.106	0.00200	mg/kg	0.100	ND	106	70-130			
Benzene	0.103	0.00200	"	0.100	ND	103	70-130			
Ethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130			
Naphthalene	0.105	0.00380	"	0.100	0.000560	104	70-130			
Toluene	0.101	0.00200	"	0.100	ND	101	70-130			
o-Xylene	0.105	0.00200	"	0.100	ND	105	70-130			
m,p-Xylene	0.213	0.00400	"	0.200	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

Matrix Spike Dup (B5G1803-MSD1)		Source: E5G0343-01			Prepared: 07/18/2025 Analyzed: 07/18/2025					
1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100	ND	101	70-130	3.44	20	
1,3,5-Trimethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130	4.30	20	
Benzene	0.101	0.00200	"	0.100	ND	101	70-130	2.65	20	
Ethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130	4.16	20	
Naphthalene	0.101	0.00380	"	0.100	0.000560	100	70-130	4.09	20	
Toluene	0.0973	0.00200	"	0.100	ND	97.3	70-130	3.35	20	
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130	3.66	20	
m,p-Xylene	0.203	0.00400	"	0.200	ND	101	70-130	4.87	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

TOTAL METALS BY SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIG1121 - No Prep IC-WET										
Blank (BIG1121-BLK1)										
					Prepared: 07/23/2025 Analyzed: 07/28/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BIG1121-BS1)										
					Prepared: 07/23/2025 Analyzed: 07/28/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		97.4	80-120			
LCS (BIG1121-BS2)										
					Prepared: 07/23/2025 Analyzed: 07/28/2025					
Chromium, Hexavalent	6.92	1.00	mg/kg	8.24		84.0	80-120			
Matrix Spike (BIG1121-MS1)										
		Source: 25G2043-12			Prepared: 07/23/2025 Analyzed: 07/28/2025					
Chromium, Hexavalent	2.20	0.21	mg/kg	2.06	0.12	101	75-125			
Matrix Spike Dup (BIG1121-MSD1)										
		Source: 25G2043-12			Prepared: 07/23/2025 Analyzed: 07/28/2025					
Chromium, Hexavalent	2.18	0.20	mg/kg	1.99	0.12	103	75-125	1.14	20	

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Entrada Consulting Group
 330 Grand Ave. Unit C
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Chelsea Verysen
 Project Number: [none]
 Project: Chevron - UPRC 13-06J

TOTAL METALS BY SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIG1193 - No Prep IC-WET										
Blank (BIG1193-BLK1)										
					Prepared: 07/24/2025 Analyzed: 07/24/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BIG1193-BS1)										
					Prepared: 07/24/2025 Analyzed: 07/24/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		108	80-120			
LCS (BIG1193-BS2)										
					Prepared: 07/24/2025 Analyzed: 07/24/2025					
Chromium, Hexavalent	9.74	1.00	mg/kg	8.24		118	80-120			
Matrix Spike (BIG1193-MS1)										
		Source: 25G2095-06			Prepared: 07/24/2025 Analyzed: 07/24/2025					
Chromium, Hexavalent	1.99	0.20	mg/kg	2.05	0.22	86.6	75-125			
Matrix Spike Dup (BIG1193-MSD1)										
		Source: 25G2095-06			Prepared: 07/24/2025 Analyzed: 07/24/2025					
Chromium, Hexavalent	2.14	0.20	mg/kg	2.01	0.22	95.4	75-125	7.01	20	

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Entrada Consulting Group
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Chelsea Verysen
Project Number: [none]
Project: Chevron - UPRC 13-06J

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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