



**Entrada Consulting Group**

**February 19, 2025**

**Chelsea Veryser**

**330 Grand Ave. Unit C**

**Grand Junction CO 81501**

**Project Name - Chevron - Boulter 10-41**

**Project Number - [none]**

Attached are your analytical results for Chevron - Boulter 10-41 received by Origins Laboratory January 23, 2025. This project is associated with Origins project number E5A0460-01.

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

Chelsea Veryser

Project Number: [none]

Project: Chevron - Boulter 10-41

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	E5A0460-01	Soil	January 22, 2025 8:00	01/23/2025 17:15
FLR01@4	E5A0460-02	Soil	January 22, 2025 8:05	01/23/2025 17:15
GW01	E5A0460-06	Water	January 23, 2025 8:25	01/23/2025 17:15

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 - Boulter 10-41

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

## Sample Receipt Checklist

Origins Work Order: ESA0460

Client: Entrada

Client Project ID: Boulter 10-41

Checklist Completed by: WS /

Shipped Via: Hb

Date/time completed: 1/23/25

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

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☒ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 1007 °C (Describe)

Thermometer ID: 1007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	X	/		
Were all samples received intact <sup>(1)</sup> ?	/			
Was adequate sample volume provided <sup>(1)</sup> ?	/	X		
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		X		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	/			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	/			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	/			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	/			
For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		/	X	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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 <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)	/		X	
Additional Comments (if any):				

<sup>(1)</sup>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) WS

Date/Time Reviewed 1/23/25

Origins Laboratory

*J. Bynon*

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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

WH01@6

1/22/2025 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory**  
**E5A0460-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.707	0.0996	mg/L	1	B5A2319	01/23/2025	01/27/2025	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B5A2301	01/23/2025	01/23/2025	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	87.4 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	0.0806	0.00200	mg/kg	1	B5A2303	01/23/2025	01/23/2025	
1,3,5-Trimethylbenzene	0.0490	0.00200	"	"	"	"	"	
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	0.00524	0.00200	"	"	"	"	"	
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	0.0348	0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.10	0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	115 %	70-130			"	"	"	
Surrogate: Toluene-d8	99.7 %	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 - Boulter 10-41

WH01@6

1/22/2025 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory**  
**E5A0460-01 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene	100 %	70-130		B5A23 03	01/23/2025	01/23/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	25.5	0.499	meq/L	10	[CALC]	01/23/2025	01/28/2025
Magnesium	17.0	0.823	"	"	"	"	"
Sodium	62.0	0.435	"	"	"	"	"

**PAH by SW8270**

1-Methylnaphthalene	ND	0.00293	0.00600	mg/kg	1	BIA1062	01/29/2025	01/29/2025
2-Methylnaphthalene	ND	0.00733	0.0150	"	"	"	"	"
Acenaphthene	ND	0.0407	0.0833	"	"	"	"	"
Anthracene	ND	0.0407	0.0833	"	"	"	"	"
Benzo (a) anthracene	ND	0.00537	0.0110	"	"	"	"	"
Benzo (a) pyrene	ND	0.0407	0.0833	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.0407	0.0833	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0407	0.0833	"	"	"	"	"
Chrysene	ND	0.0407	0.0833	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.0407	0.0833	"	"	"	"	"
Fluoranthene	ND	0.0407	0.0833	"	"	"	"	"
Fluorene	ND	0.0407	0.0833	"	"	"	"	"

Origins Laboratory



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330 Grand Ave. Unit C  
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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

WH01@6

1/22/2025 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Enthalpy Analytical

E5A0460-01 (Soil)

### PAH by SW8270

Indeno (1,2,3-cd) pyrene	ND	0.0407	0.0833	mg/kg	1	BIA1062	01/29/2025	01/29/2025
Naphthalene	ND	0.00186	0.00380	"	"	"	"	"
Pyrene	ND	0.0407	0.0833	"	"	"	"	"

Surrogate: 2,4,6-Tribromophenol (Surr)	58.3 %	15-96	"	"	"
Surrogate: 2-Fluorobiphenyl (Surr)	28.2 %	19-105	"	"	"
Surrogate: 2-Fluorophenol (Surr)	56.0 %	12-95	"	"	"
Surrogate: Nitrobenzene-d5 (Surr)	46.5 %	21-100	"	"	"
Surrogate: Phenol-d5 (Surr)	56.2 %	13-100	"	"	"
Surrogate: p-Terphenyl-d14 (Surr)	57.4 %	25-125	"	"	"

### pH in Soil by 9045D

pH	8.09	pH Units	1	B5A2326	01/23/2025	01/28/2025
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### SAR by 20B Saturated Paste

SAR	13.5	0.0100	SAR	1	B5A2322	01/23/2025	01/28/2025
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.67	0.00500	mmhos/cm	1	B5A2326	01/23/2025	01/28/2025
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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 - Boulter 10-41

WH01@6

1/22/2025 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory**  
E5A0460-01 (Soil)

**Table 915 metals by EPA 6020B**

Arsenic	2.20	0.256	mg/kg	10	B5A2304	12/17/2024	01/24/2025
Barium	69.4	8.84	"	"	"	"	"
Cadmium	0.104	0.0884	"	"	"	"	"
Copper	ND	8.84	"	"	"	"	"
Lead	19.0	0.884	"	"	"	"	"
Nickel	6.83	0.884	"	"	"	"	"
Selenium	0.410	0.230	"	"	"	"	"
Silver	ND	0.0884	"	"	"	"	"
Zinc	36.8	32.7	"	"	"	"	"

**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.19	0.19	mg/kg	1	BIB0404	02/11/2025	02/11/2025
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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 - Boulter 10-41

FLR01@4

1/22/2025 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Origins Laboratory

### E5A0460-02 (Soil)

#### Boron (DTPA Sorbitol)

Boron	0.463	0.0989	mg/L	1	B5A2319	01/23/2025	01/27/2025	
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#### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B5A2301	01/23/2025	01/23/2025	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	80.6 %	50-150			"	"	"	
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#### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.0286	0.00200	mg/kg	1	B5A2303	01/23/2025	01/23/2025	
1,3,5-Trimethylbenzene	0.0190	0.00200	"	"	"	"	"	
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	0.0134	0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	2.81	0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	115 %	70-130			"	"	"	
Surrogate: Toluene-d8	96.5 %	70-130			"	"	"	

Origins Laboratory



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330 Grand Ave. Unit C  
Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

FLR01@4

1/22/2025 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory**  
**E5A0460-02 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene	99.2 %	70-130	B5A23 03	01/23/2025	01/23/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	25.4	0.499	meq/L	10	[CALC]	01/23/2025	01/28/2025
Magnesium	9.45	0.823	"	"	"	"	"
Sodium	15.0	0.435	"	"	"	"	"

**PAH by SW8270**

1-Methylnaphthalene	ND	0.00288	0.00600	mg/kg	1	BIA1062	01/29/2025	01/30/2025
2-Methylnaphthalene	ND	0.00721	0.0150	"	"	"	"	"
Acenaphthene	ND	0.0400	0.0833	"	"	"	"	"
Anthracene	ND	0.0400	0.0833	"	"	"	"	"
Benzo (a) anthracene	ND	0.00529	0.0110	"	"	"	"	"
Benzo (a) pyrene	ND	0.0400	0.0833	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.0400	0.0833	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.0400	0.0833	"	"	"	"	"
Chrysene	ND	0.0400	0.0833	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.0400	0.0833	"	"	"	"	"
Fluoranthene	ND	0.0400	0.0833	"	"	"	"	"
Fluorene	ND	0.0400	0.0833	"	"	"	"	"

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 - Boulter 10-41

FLR01@4

1/22/2025 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Enthalpy Analytical

E5A0460-02 (Soil)

### PAH by SW8270

Indeno (1,2,3-cd) pyrene	ND	0.0400	0.0833	mg/kg	1	BIA1062	01/29/2025	01/30/2025
Naphthalene	ND	0.00183	0.00380	"	"	"	"	"
Pyrene	ND	0.0400	0.0833	"	"	"	"	"

Surrogate: 2,4,6-Tribromophenol (Surr)	73.4 %		15-96			"	"	"
Surrogate: 2-Fluorobiphenyl (Surr)	28.7 %		19-105			"	"	"
Surrogate: 2-Fluorophenol (Surr)	37.1 %		12-95			"	"	"
Surrogate: Nitrobenzene-d5 (Surr)	61.6 %		21-100			"	"	"
Surrogate: Phenol-d5 (Surr)	66.8 %		13-100			"	"	"
Surrogate: p-Terphenyl-d14 (Surr)	56.8 %		25-125			"	"	"

### pH in Soil by 9045D

pH	8.09			pH Units	1	B5A2326	01/23/2025	01/28/2025
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### SAR by 20B Saturated Paste

SAR	3.59		0.0100	SAR	1	B5A2322	01/23/2025	01/28/2025
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.36		0.00500	mmhos/cm	1	B5A2326	01/23/2025	01/28/2025
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Entrada Consulting Group  
330 Grand Ave. Unit C  
Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

FLR01@4

1/22/2025 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory**  
**E5A0460-02 (Soil)**

**Table 915 metals by EPA 6020B**

Arsenic	2.33	0.284	mg/kg	10	B5A2304	12/17/2024	01/24/2025
Barium	113	9.78	"	"	"	"	"
Cadmium	ND	0.0978	"	"	"	"	"
Copper	ND	9.78	"	"	"	"	"
Lead	9.04	0.978	"	"	"	"	"
Nickel	8.72	0.978	"	"	"	"	"
Selenium	0.864	0.254	"	"	"	"	"
Silver	ND	0.0978	"	"	"	"	"
Zinc	42.4	36.2	"	"	"	"	"

**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIB0404	02/11/2025	02/11/2025
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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 - Boulter 10-41

## GW01

1/23/2025 8:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Origins Laboratory E5A0460-06 (Water)

### Anions by IC 300.0

Chloride	369		31.2	mg/L	125	B5A2403	01/24/2025	01/25/2025	
Sulfate	691		31.2	"	"	"	"	"	

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	12.0		2.00	ug/L	1	B5A2302	01/23/2025	01/23/2025	
1,3,5-Trimethylbenzene	7.69		2.00	"	"	"	"	"	
Benzene	ND		1.00	"	"	"	"	"	U
Ethylbenzene	ND		1.00	"	"	"	"	"	U
Naphthalene	ND		2.00	"	"	"	"	"	U
Toluene	ND		1.00	"	"	"	"	"	U
Xylenes, total	10.8		1.00	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	100 %		70-130			"	"	"	
Surrogate: Toluene-d8	102 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	84.3 %		70-130			"	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	1720		5.00	mg/L	1	B5A2315	01/23/2025	01/27/2025	
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Entrada Consulting Group  
330 Grand Ave. Unit C  
Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

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 B5A2301 - EPA 3550B										
Blank (B5A2301-BLK1)					Prepared: 01/23/2025 Analyzed: 01/23/2025					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		97.6	50-150			

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330 Grand Ave. Unit C  
Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

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 B5A2301 - EPA 3550B										
LCS (B5A2301-BS1)					Prepared: 01/23/2025 Analyzed: 01/23/2025					
Diesel (C10-C28)	981	50.0	mg/kg	1000		98.1	70-130			
Residual Range Organics (C28-C40)	1050	200	"	1000		105	70-130			
Surrogate: o-Terphenyl	47		"	49.8		94.7	50-150			

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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

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
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Batch B5A2301 - EPA 3550B

Matrix Spike (B5A2301-MS1)		Source: E5A0462-01			Prepared: 01/23/2025 Analyzed: 01/23/2025					
Diesel (C10-C28)	927	50.0	mg/kg	1000	ND	92.7	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000	ND	101	70-130			
Surrogate: o-Terphenyl	45		"	49.8		91.2	50-150			

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330 Grand Ave. Unit C  
Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

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
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Batch B5A2301 - EPA 3550B

Matrix Spike Dup (B5A2301-MSD1)		Source: E5A0462-01			Prepared: 01/23/2025 Analyzed: 01/23/2025					
Diesel (C10-C28)	849	50.0	mg/kg	1000	ND	84.9	70-130	8.73	35	
Residual Range Organics (C28-C40)	932	200	"	1000	ND	93.2	70-130	7.87	35	
Surrogate: o-Terphenyl	41		"	49.8		82.4	50-150			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

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 B5A2302 - EPA 5030B (Water)										
Blank (B5A2302-BLK1)					Prepared: 01/23/2025 Analyzed: 01/23/2025					
1,2,4-Trimethylbenzene	ND	2.00	ug/L							U
1,3,5-Trimethylbenzene	ND	2.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	2.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.7	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	54		"	62.5		85.8	70-130			

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Project: Chevron - Boulter 10-41

**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
Batch B5A2302 - EPA 5030B (Water)										
LCS (B5A2302-BS1)					Prepared: 01/23/2025 Analyzed: 01/23/2025					
1,2,4-Trimethylbenzene	52.2	2.00	ug/L	50.0		104	70-130			
1,3,5-Trimethylbenzene	52.6	2.00	"	50.0		105	70-130			
Benzene	48.8	1.00	"	50.0		97.7	70-130			
Ethylbenzene	50.5	1.00	"	50.0		101	70-130			
m,p-Xylene	109	2.00	"	100		109	70-130			
Naphthalene	54.3	2.00	"	50.0		109	70-130			
o-Xylene	50.3	1.00	"	50.0		101	70-130			
Toluene	51.1	1.00	"	50.0		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	62		"	62.5		99.6	70-130			
Surrogate: Toluene-d8	59		"	62.5		94.2	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

## 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
Batch B5A2302 - EPA 5030B (Water)										
Matrix Spike (B5A2302-MS1)		Source: E5A0460-06			Prepared: 01/23/2025 Analyzed: 01/23/2025					
1,2,4-Trimethylbenzene	57.2	2.00	ug/L	50.0	12.0	90.3	70-130			
1,3,5-Trimethylbenzene	49.4	2.00	"	50.0	7.69	83.5	70-130			
Benzene	38.5	1.00	"	50.0	0.700	75.7	70-130			
Ethylbenzene	40.6	1.00	"	50.0	0.920	79.3	70-130			
m,p-Xylene	93.8	2.00	"	100	7.46	86.4	70-130			
Naphthalene	57.8	2.00	"	50.0	0.460	115	70-130			
o-Xylene	46.5	1.00	"	50.0	3.35	86.3	70-130			
Toluene	40.3	1.00	"	50.0	ND	80.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		98.3	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	65		"	62.5		104	70-130			

Origins Laboratory



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Project Number: [none]  
Project: Chevron - Boulter 10-41

## 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
Batch B5A2302 - EPA 5030B (Water)										
Matrix Spike Dup (B5A2302-MSD1)			Source: E5A0460-06		Prepared: 01/23/2025 Analyzed: 01/23/2025					
1,2,4-Trimethylbenzene	66.0	2.00	ug/L	50.0	12.0	108	70-130	14.4	20	
1,3,5-Trimethylbenzene	62.5	2.00	"	50.0	7.69	110	70-130	23.4	20	QR-02
Benzene	50.0	1.00	"	50.0	0.700	98.5	70-130	25.8	20	QR-02
Ethylbenzene	56.7	1.00	"	50.0	0.920	111	70-130	33.0	20	QR-02
m,p-Xylene	121	2.00	"	100	7.46	113	70-130	25.2	20	QR-02
Naphthalene	51.6	2.00	"	50.0	0.460	102	70-130	11.2	20	
o-Xylene	56.0	1.00	"	50.0	3.35	105	70-130	18.6	20	
Toluene	53.4	1.00	"	50.0	ND	107	70-130	28.0	20	QR-02
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	65		"	62.5		104	70-130			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

**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
Batch B5A2303 - EPA 5030 (soil)										
Blank (B5A2303-BLK1)					Prepared: 01/23/2025 Analyzed: 01/23/2025					
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	0.14		"	0.125		110	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.1	70-130			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

**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
Batch B5A2303 - EPA 5030 (soil)										
LCS (B5A2303-BS1)					Prepared: 01/23/2025 Analyzed: 01/23/2025					
1,2,4-Trimethylbenzene	0.113	0.00200	mg/kg	0.100		113	70-130			
1,3,5-Trimethylbenzene	0.111	0.00200	"	0.100		111	70-130			
Benzene	0.103	0.00200	"	0.100		103	70-130			
Ethylbenzene	0.102	0.00200	"	0.100		102	70-130			
Naphthalene	0.106	0.00380	"	0.100		106	70-130			
Toluene	0.0990	0.00200	"	0.100		99.0	70-130			
o-Xylene	0.105	0.00200	"	0.100		105	70-130			
m,p-Xylene	0.207	0.00400	"	0.200		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.0	70-130			

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Project Number: [none]  
Project: Chevron - Boulter 10-41

**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
Batch B5A2303 - EPA 5030 (soil)										
Matrix Spike (B5A2303-MS1)		Source: E5A0462-01			Prepared: 01/23/2025 Analyzed: 01/23/2025					
1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100	ND	107	70-130			
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130			
Benzene	0.101	0.00200	"	0.100	ND	101	70-130			
Ethylbenzene	0.0979	0.00200	"	0.100	ND	97.9	70-130			
Naphthalene	0.102	0.00380	"	0.100	ND	102	70-130			
Toluene	0.0951	0.00200	"	0.100	ND	95.1	70-130			
o-Xylene	0.100	0.00200	"	0.100	ND	100	70-130			
m,p-Xylene	0.197	0.00400	"	0.200	ND	98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		112	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.9	70-130			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

**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
Batch B5A2303 - EPA 5030 (soil)										
Matrix Spike Dup (B5A2303-MSD1)		Source: E5A0462-01			Prepared: 01/23/2025 Analyzed: 01/23/2025					
1,2,4-Trimethylbenzene	0.0935	0.00200	mg/kg	0.100	ND	93.5	70-130	13.8	20	
1,3,5-Trimethylbenzene	0.0912	0.00200	"	0.100	ND	91.2	70-130	14.9	20	
Benzene	0.0903	0.00200	"	0.100	ND	90.3	70-130	11.0	20	
Ethylbenzene	0.0841	0.00200	"	0.100	ND	84.1	70-130	15.3	20	
Naphthalene	0.0977	0.00380	"	0.100	ND	97.7	70-130	3.85	20	
Toluene	0.0838	0.00200	"	0.100	ND	83.8	70-130	12.7	20	
o-Xylene	0.0869	0.00200	"	0.100	ND	86.9	70-130	14.5	20	
m,p-Xylene	0.171	0.00400	"	0.200	ND	85.7	70-130	14.1	20	
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		117	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.9	70-130			

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Project: Chevron - Boulter 10-41

**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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**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 B5A2304 - EPA 3050B**

**Blank (B5A2304-BLK1)**

Prepared: 01/23/2025 Analyzed: 01/24/2025

Arsenic	ND	0.290	mg/kg
Barium	ND	10.0	"
Cadmium	ND	0.100	"
Copper	ND	10.0	"
Lead	ND	1.00	"
Nickel	ND	1.00	"
Selenium	ND	0.260	"
Silver	ND	0.100	"
Zinc	ND	37.0	"

**LCS (B5A2304-BS1)**

Prepared: 01/23/2025 Analyzed: 01/24/2025

Arsenic	4.85	0.290	mg/kg	5.00	97.1	80-120
Barium	463	10.0	"	500	92.7	80-120
Cadmium	4.79	0.100	"	5.00	95.8	80-120
Copper	48.8	10.0	"	50.0	97.7	80-120
Lead	4.77	1.00	"	5.00	95.5	80-120
Nickel	5.16	1.00	"	5.00	103	80-120
Selenium	4.90	0.260	"	5.00	98.1	80-120
Silver	4.64	0.100	"	5.00	92.7	80-120
Zinc	50.8	37.0	"	50.0	102	80-120

**Matrix Spike (B5A2304-MS1)**

Source: E5A0462-01

Prepared: 01/23/2025 Analyzed: 01/24/2025

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

**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
<b>Batch B5A2304 - EPA 3050B</b>										
<b>Matrix Spike (B5A2304-MS1)</b>		<b>Source: E5A0462-01</b>			Prepared: 01/23/2025 Analyzed: 01/24/2025					
Arsenic	7.91	0.251	mg/kg	4.33	3.81	94.8	75-125			
Barium	442	8.65	"	433	61.4	88.0	75-125			
Cadmium	4.39	0.0865	"	4.33	0.131	98.4	75-125			
Copper	49.8	8.65	"	43.3	8.98	94.3	75-125			
Lead	12.8	0.865	"	4.33	8.85	91.8	75-125			
Nickel	14.3	0.865	"	4.33	10.2	95.4	75-125			
Selenium	4.16	0.225	"	4.33	0.0368	95.3	75-125			
Silver	4.10	0.0865	"	4.33	ND	94.7	75-125			
Zinc	81.6	32.0	"	43.3	41.6	92.4	75-125			
<b>Matrix Spike Dup (B5A2304-MSD1)</b>		<b>Source: E5A0462-01</b>			Prepared: 01/23/2025 Analyzed: 01/24/2025					
Arsenic	9.15	0.273	mg/kg	4.70	3.81	114	75-125	14.6	20	
Barium	501	9.40	"	470	61.4	93.6	75-125	12.5	20	
Cadmium	4.80	0.0940	"	4.70	0.131	99.5	75-125	9.04	20	
Copper	55.5	9.40	"	47.0	8.98	99.0	75-125	10.9	20	
Lead	15.3	0.940	"	4.70	8.85	136	75-125	17.3	20	QM-07
Nickel	15.7	0.940	"	4.70	10.2	117	75-125	9.08	20	
Selenium	4.27	0.244	"	4.70	ND	90.8	75-125	2.56	20	
Silver	4.59	0.0940	"	4.70	ND	97.6	75-125	11.3	20	
Zinc	90.0	34.8	"	47.0	41.6	103	75-125	9.79	20	

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330 Grand Ave. Unit C  
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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

Classical Chemistry Parameters - Quality Control  
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2315 - NO PREP										
Blank (B5A2315-BLK1)					Prepared: 01/23/2025 Analyzed: 01/27/2025					
Total Dissolved Solids	ND	5.00	mg/L							
LCS (B5A2315-BS1)					Prepared: 01/23/2025 Analyzed: 01/27/2025					
Total Dissolved Solids	1020	5.00	mg/L	1010		101	90-110			
Duplicate (B5A2315-DUP1)					Source: E5A0428-01 Prepared: 01/23/2025 Analyzed: 01/27/2025					
Total Dissolved Solids	3730	5.00	mg/L		3740			0.0535	10	
Batch B5A2319 - DTPA Sorbitol Preparation										
Blank (B5A2319-BLK1)					Prepared: 01/23/2025 Analyzed: 01/27/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5A2319-DUP1)					Source: E5A0460-01 Prepared: 01/23/2025 Analyzed: 01/27/2025					
Boron	1.02	0.102	mg/L		0.707			36.1	50	
Batch B5A2322 - Saturated Paste Metals										
Blank (B5A2322-BLK1)					Prepared: 01/23/2025 Analyzed: 01/28/2025					
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 (B5A2322-DUP1)					Source: E5A0460-01 Prepared: 01/23/2025 Analyzed: 01/28/2025					
Calcium PPM	567	10.0	mg/L		512			10.2	50	
SAR	ND	0.0100	SAR		13.5				200	
Magnesium PPM	105	10.0	mg/L		206			65.4	50	QR-DUP
Sodium PPM	922	10.0	"		1430			43.0	50	

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Project Number: [none]  
Project: Chevron - Boulter 10-41

Classical Chemistry Parameters - Quality Control  
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2322 - Saturated Paste Metals										
Batch B5A2403 - Filter .45um non acidified										
Blank (B5A2403-BLK1)					Prepared: 01/24/2025 Analyzed: 01/24/2025					
Chloride	ND	0.250	mg/L							
Sulfate	ND	0.250	"							
LCS (B5A2403-BS1)					Prepared: 01/24/2025 Analyzed: 01/24/2025					
Chloride	4.00	0.250	mg/L	4.00		99.9	90-110			
Sulfate	4.00	0.250	"	4.00		100	90-110			
Matrix Spike (B5A2403-MS1)					Source: E5A0401-01		Prepared: 01/24/2025 Analyzed: 01/24/2025			
Chloride	615		mg/L	500	112	100	90-110			
Sulfate	1310		"	500	786	105	90-110			
Matrix Spike Dup (B5A2403-MSD1)					Source: E5A0401-01		Prepared: 01/24/2025 Analyzed: 01/24/2025			
Chloride	622		mg/L	500	112	102	90-110	1.14	5	
Sulfate	1310		"	500	786	106	90-110	0.273	5	

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Project Number: [none]  
Project: Chevron - Boulter 10-41

**Saturated Paste - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B5A2326 - Saturated Paste pH/EC</b>										
<b>Blank (B5A2326-BLK1)</b>					Prepared: 01/23/2025 Analyzed: 01/28/2025					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B5A2326-DUP1)</b>					Source: E5A0460-01 Prepared: 01/23/2025 Analyzed: 01/28/2025					
pH	8.06		pH Units		8.09			0.372	25	
Specific Conductance (EC)	4.56	0.00500	mmhos/cm		7.67			50.9	25	QR-DUP

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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

PAH by SW8270 - 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 BIA1062 - SW3550C/EPA600-MS

Blank (BIA1062-BLK1)

Prepared: 01/29/2025 Analyzed: 01/29/2025

1-Methylnaphthalene	ND	0.00600	mg/kg				-			
2-Methylnaphthalene	ND	0.0150	"				-			
Acenaphthene	ND	0.0833	"				-			
Anthracene	ND	0.0833	"				-			
Benzo (a) anthracene	ND	0.0110	"				-			
Benzo (a) pyrene	ND	0.0833	"				-			
Benzo (b) fluoranthene	ND	0.0833	"				-			
Benzo (k) fluoranthene	ND	0.0833	"				-			
Chrysene	ND	0.0833	"				-			
Dibenz (a,h) anthracene	ND	0.0833	"				-			
Fluoranthene	ND	0.0833	"				-			
Fluorene	ND	0.0833	"				-			
Indeno (1,2,3-cd) pyrene	ND	0.0833	"				-			
Naphthalene	ND	0.00380	"				-			
Pyrene	ND	0.0833	"				-			

Surrogate: 2,4,6-Tribromophenol (Surr)

1.76

"

3.33

52.8

15-96

Surrogate: 2-Fluorobiphenyl (Surr)

0.761

"

1.67

45.7

19-105

Surrogate: 2-Fluorophenol (Surr)

1.68

"

3.33

50.5

12-95

Surrogate: Nitrobenzene-d5 (Surr)

0.908

"

1.67

54.5

21-100

Surrogate: Phenol-d5 (Surr)

1.83

"

3.33

54.8

13-100

Surrogate: p-Terphenyl-d14 (Surr)

1.12

"

1.67

67.5

25-125

LCS (BIA1062-BS1)

Prepared: 01/29/2025 Analyzed: 01/29/2025

1-Methylnaphthalene	ND	0.00600	mg/kg				0-200			
2-Methylnaphthalene	ND	0.0150	"				70-130			
Acenaphthene	1.13	0.0833	"	1.67		67.7	24-110			
Anthracene	1.16	0.0833	"	1.67		69.4	25-117			

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

Chelsea Verysen  
Project Number: [none]  
Project: Chevron - Boulter 10-41

## PAH by SW8270 - 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 BIA1062 - SW3550C/EPA600-MS

### LCS (BIA1062-BS1)

Prepared: 01/29/2025 Analyzed: 01/29/2025

Benzo (a) anthracene	1.12	0.0110	mg/kg	1.67		66.9	25-127			
Benzo (a) pyrene	1.13	0.0833	"	1.67		67.9	18-127			
Benzo (b) fluoranthene	1.16	0.0833	"	1.67		69.7	20-132			
Benzo (k) fluoranthene	1.10	0.0833	"	1.67		65.9	14-136			
Chrysene	1.18	0.0833	"	1.67		70.9	21-141			
Dibenz (a,h) anthracene	1.18	0.0833	"	1.67		70.5	10-142			
Fluoranthene	1.23	0.0833	"	1.67		73.8	19-138			
Fluorene	1.06	0.0833	"	1.67		63.8	25-114			
Indeno (1,2,3-cd) pyrene	1.10	0.0833	"	1.67		66.3	10-136			
Naphthalene	0.991	0.00380	"	1.67		59.4	18-109			
Pyrene	1.10	0.0833	"	1.67		65.9	17-159			
Surrogate: 2,4,6-Tribromophenol (Surr)	2.29		"	3.33		68.7	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	1.00		"	1.67		60.2	19-105			
Surrogate: 2-Fluorophenol (Surr)	2.25		"	3.33		67.4	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.03		"	1.67		61.7	21-100			
Surrogate: Phenol-d5 (Surr)	2.35		"	3.33		70.6	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.33		"	1.67		80.0	25-125			

### Matrix Spike (BIA1062-MS1)

Source: 25A1397-01

Prepared: 01/29/2025 Analyzed: 01/29/2025

1-Methylnaphthalene	ND	0.00295	mg/kg		ND		0-200			
2-Methylnaphthalene	ND	0.00738	"		ND		70-130			
Acenaphthene	1.07	0.0410	"	1.64	ND	65.3	10-124			
Anthracene	0.978	0.0410	"	1.64	ND	59.7	10-143			
Benzo (a) anthracene	0.966	0.00541	"	1.64	ND	58.9	10-169			
Benzo (a) pyrene	1.05	0.0410	"	1.64	ND	63.8	10-149			
Benzo (b) fluoranthene	0.925	0.0410	"	1.64	ND	56.4	10-150			
Benzo (k) fluoranthene	0.899	0.0410	"	1.64	ND	54.9	10-211			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

## PAH by SW8270 - 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 BIA1062 - SW3550C/EPA600-MS

Matrix Spike (BIA1062-MS1)		Source: 25A1397-01			Prepared: 01/29/2025 Analyzed: 01/29/2025					
Chrysene	0.988	0.0410	mg/kg	1.64	ND	60.3	10-172			
Dibenz (a,h) anthracene	1.02	0.0410	"	1.64	ND	62.4	10-128			
Fluoranthene	0.971	0.0410	"	1.64	ND	59.3	10-271			
Fluorene	1.00	0.0410	"	1.64	ND	61.1	10-124			
Indeno (1,2,3-cd) pyrene	0.943	0.0410	"	1.64	ND	57.5	10-127			
Naphthalene	0.952	0.00187	"	1.64	ND	58.1	10-118			
Pyrene	1.03	0.0410	"	1.64	ND	62.8	10-212			
Surrogate: 2,4,6-Tribromophenol (Surr)	2.22		"	3.28		67.6	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.934		"	1.64		57.0	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.46		"	3.28		44.6	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.982		"	1.64		59.9	21-100			
Surrogate: Phenol-d5 (Surr)	2.21		"	3.28		67.5	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.01		"	1.64		61.7	25-125			

Matrix Spike Dup (BIA1062-MSD1)		Source: 25A1397-01			Prepared: 01/29/2025 Analyzed: 01/29/2025					
1-Methylnaphthalene	ND	0.00299	mg/kg		ND		0-200		20	
2-Methylnaphthalene	ND	0.00748	"		ND		70-130		20	
Acenaphthene	1.06	0.0415	"	1.66	ND	63.7	10-124	1.22	20	
Anthracene	1.08	0.0415	"	1.66	ND	64.7	10-143	9.50	20	
Benzo (a) anthracene	1.01	0.00548	"	1.66	ND	60.8	10-169	4.54	20	
Benzo (a) pyrene	1.06	0.0415	"	1.66	ND	63.8	10-149	1.29	20	
Benzo (b) fluoranthene	1.08	0.0415	"	1.66	ND	64.8	10-150	15.2	20	
Benzo (k) fluoranthene	0.937	0.0415	"	1.66	ND	56.4	10-211	4.14	20	
Chrysene	1.04	0.0415	"	1.66	ND	62.5	10-172	5.05	20	
Dibenz (a,h) anthracene	1.03	0.0415	"	1.66	ND	62.3	10-128	1.13	20	
Fluoranthene	1.01	0.0415	"	1.66	ND	60.8	10-271	3.84	20	
Fluorene	1.01	0.0415	"	1.66	ND	61.0	10-124	1.16	20	

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

## PAH by SW8270 - Quality Control Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIA1062 - SW3550C/EPA600-MS										
Matrix Spike Dup (BIA1062-MSD1)		Source: 25A1397-01			Prepared: 01/29/2025 Analyzed: 01/29/2025					
Indeno (1,2,3-cd) pyrene	0.963	0.0415	mg/kg	1.66	ND	58.0	10-127	2.13	20	
Naphthalene	0.923	0.00189	"	1.66	ND	55.6	10-118	3.13	20	
Pyrene	1.08	0.0415	"	1.66	ND	65.1	10-212	4.84	20	
Surrogate: 2,4,6-Tribromophenol (Surr)	2.96		"	3.32		89.2	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	1.06		"	1.66		63.8	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.63		"	3.32		49.1	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.07		"	1.66		64.3	21-100			
Surrogate: Phenol-d5 (Surr)	2.41		"	3.32		72.4	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.25		"	1.66		75.3	25-125			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

**Total Metals by SW7199 - Quality Control**  
**Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch BIB0404 - No Prep IC-WET</b>										
<b>Blank (BIB0404-BLK1)</b>					Prepared: 02/11/2025 Analyzed: 02/11/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
<b>LCS (BIB0404-BS1)</b>					Prepared: 02/11/2025 Analyzed: 02/11/2025					
Chromium, Hexavalent	0.06	0.005	mg/kg	0.0500		110	80-120			
<b>Matrix Spike (BIB0404-MS1)</b>					Source: 25A1420-01 Prepared: 02/11/2025 Analyzed: 02/11/2025					
Chromium, Hexavalent	2.07	0.20	mg/kg	2.01	0.20	93.0	75-125			
<b>Matrix Spike Dup (BIB0404-MSD1)</b>					Source: 25A1420-01 Prepared: 02/11/2025 Analyzed: 02/11/2025					
Chromium, Hexavalent	2.10	0.20	mg/kg	2.01	0.20	94.0	75-125	1.12	20	

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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - Boulter 10-41

## Notes and Definitions

U Sample is Non-Detect.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

P Duplicate analysis does not meet the acceptance criteria for precision

M Matrix spike recovery is outside established acceptance limits

L LCS recovery is outside of established acceptance limits

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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