



**Entrada Consulting Group**

**Chelsea Veryser**

**330 Grand Ave. Unit C**

**Grand Junction CO 81501**

**November 11, 2024**

**Project Name - Chevron - 70 Ranch USX  
BB25-96-1HN**

**Project Number - [none]**

Attached are your analytical results for Chevron - 70 Ranch USX BB25-96-1HN received by Origins Laboratory October 09, 2024. This project is associated with Origins project number E410292-01.

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 - 70 Ranch USX BB25-96-1HN

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EX01@8	E410292-01	Soil	October 9, 2024 12:15	10/09/2024 16:05
EX02@8	E410292-02	Soil	October 9, 2024 12:20	10/09/2024 16:05
EX03@4	E410292-03	Soil	October 9, 2024 13:35	10/09/2024 16:05
EX04@4	E410292-04	Soil	October 9, 2024 13:40	10/09/2024 16:05
EX05@4	E410292-05	Soil	October 9, 2024 13:45	10/09/2024 16:05
EX06@4	E410292-06	Soil	October 9, 2024 13:50	10/09/2024 16:05
EX07@4	E410292-07	Soil	October 9, 2024 13:55	10/09/2024 16:05

Origins Laboratory

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

**ORIGINS**  
LABORATORY

ORIGINS WORK ORDER #

Bill to: Darcy Smith

6410292

Page \_\_\_ of \_\_\_

Client: Entrada

Address: \_\_\_\_\_

Project Manager: Chelsea Veryser

Key: \_\_\_\_\_

Project Name: 70 Ranch USX BB25-96-1HN

W=Water

Project Number: \_\_\_\_\_

GW=Groundwater

Telephone Number: 330-391-6144

Collected By: Maddy Stevens

SW=Surface Water

Email Address: Entrada Distribution Co. RBAEUEF7@Chevron.com

Invoice/Billing Info: \_\_\_\_\_

WW=Waste Water

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

L=Liquid

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis								Comments
1	EX01@8	10/9/24	12:15	2	S	UNP	X							BTEXN, TMBs, TPH, PAHs on some day TAT
2	EX02@8	10/9/24	12:30	2	S	UNP								
3	EX03@4	10/9/24	13:35	2	S	UNP								
4	EX04@4	10/9/24	13:40	2	S	UNP								
5	EX05@4	10/9/24	13:45	2	S	UNP								
6	EX06@4	10/9/24	13:50	2	S	UNP								Everything else on 72 hr TAT
7	EX07@4	10/9/24	13:55	2	S	UNP								
8														
9														
10														

1725 Elk Place Denver, Co. 80211 | # 303.433.1322 | originslab.com | Temp Received- 2, 14 Received On Ice? ☒ Yes ☐ No

For Lab Sample Receiving Only:

Relinquished By: [Signature] Date: 10/9/24 Time: 1605

Received By: [Signature] Date: 10/9/24 Time: 1605

Turnaround Time ☒ SAME DAY ☐ 24 Hr ☐ 48 Hr ☒ 72

Standard ☐ ☒

Origins Laboratory

[Signature]

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

## Sample Receipt Checklist

Origins Work Order: E410292

Client: Entrada

Client Project ID: 70 Ranch

Checklist Completed by: SHD

Shipped Via: HO

Date/time completed: 10/19/12

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

Airbill #: N/A

Matrix(s) Received: (Check all that apply): 0 Soil/Solid Water Other:         

Cooler Number/Temperature: 1 / 2.7 °C          /          °C          /          °C (Describe)

Thermometer ID: 7004

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> ?	/			SD
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)		/		
Were all samples received intact <sup>(1)</sup> ?	/			
Was adequate sample volume provided <sup>(1)</sup> ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		/		
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.			/	
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)			/	
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) SHD

Date/Time Reviewed 10/19/12

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 - 70 Ranch USX BB25-96-1HN

EX01@8

10/9/2024 12:15:00PM

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

### E410292-01 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.188	0.0986	mg/L	1	B4J1010	10/10/2024	10/11/2024	
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### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J0958	10/09/2024	10/09/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	77.6 %	50-150	"	"	"
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### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J0959	10/09/2024	10/09/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	75.9 %	70-130	"	"	"
Surrogate: Toluene-d8	97.1 %	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 - 70 Ranch USX BB25-96-1HN

EX01@8

10/9/2024 12:15:00PM

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

E410292-01 (Soil)

### GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene 86.9 % 70-130 B4J09 59 10/09/2024 10/09/2024

### Metals by Saturated Paste by EPA 6010

Calcium	0.803	0.499	meq/L	10	[CALC]	10/10/2024	10/11/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.660	0.435	"	"	"	"	"

### PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

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 - 70 Ranch USX BB25-96-1HN

EX01@8

10/9/2024 12:15:00PM

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

E410292-01 (Soil)

### PAH by EPA 8270E extracted via 3580A

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	100 %	60-130	"	"	"
Surrogate: Anthracene-d10	82.0 %	60-130	"	"	"
Surrogate: Pyrene-d10	103 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	98.0 %	60-130	"	"	"

### pH in Soil by 9045D

pH	8.42	pH Units	1	B4J1025	10/10/2024	10/11/2024
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### SAR by 20B Saturated Paste

SAR	0.893	0.0100	SAR	1	B4J1018	10/10/2024	10/11/2024
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.288	0.00500	mmhos/cm	1	B4J1025	10/10/2024	10/11/2024
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### Table 915 metals by EPA 6020B

Arsenic	1.85	0.257	mg/kg	10	B4J1030	10/10/2024	10/12/2024
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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 - 70 Ranch USX BB25-96-1HN

EX01@8

10/9/2024 12:15:00PM

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

E410292-01 (Soil)

### Table 915 metals by EPA 6020B

Barium	365	8.86	mg/kg	10	B4J1030	10/10/2024	10/12/2024
Cadmium	ND	0.0886	"	"	"	"	"
Copper	ND	8.86	"	"	"	"	"
Lead	13.5	0.886	"	"	"	"	"
Nickel	3.03	0.886	"	"	"	"	"
Selenium	ND	0.230	"	"	"	"	"
Silver	ND	0.0886	"	"	"	"	"
Zinc	ND	32.8	"	"	"	"	"

### Total Metals 7196A

Hexavalent Chromium	ND	0.156	0.390	mg/kg dry	1	2689071	10/30/2024	11/01/2024	U
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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 - 70 Ranch USX BB25-96-1HN

EX02@8

10/9/2024 12:20:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Origins Laboratory E410292-02 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.115	0.101	mg/L	1	B4J1010	10/10/2024	10/11/2024	
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### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J0958	10/09/2024	10/09/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	77.6 %	50-150	"	"	"	"	"	
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### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J0959	10/09/2024	10/09/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	77.6 %	70-130	"	"	"	"	"	
Surrogate: Toluene-d8	95.7 %	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 - 70 Ranch USX BB25-96-1HN

EX02@8

10/9/2024 12:20:00PM

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

E410292-02 (Soil)

### GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene 86.4 % 70-130 B4J09 59 10/09/2024 10/09/2024

### Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	10/10/2024	10/11/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.871	0.435	"	"	"	"	"

### PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

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 - 70 Ranch USX BB25-96-1HN

EX02@8

10/9/2024 12:20:00PM

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

E410292-02 (Soil)

### PAH by EPA 8270E extracted via 3580A

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	106 %	60-130	"	"	"
Surrogate: Anthracene-d10	82.5 %	60-130	"	"	"
Surrogate: Pyrene-d10	109 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	98.9 %	60-130	"	"	"

### pH in Soil by 9045D

pH	8.23	pH Units	1	B4J1025	10/10/2024	10/11/2024
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### SAR by 20B Saturated Paste

SAR	3.17	0.0100	SAR	1	B4J1018	10/10/2024	10/11/2024
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.133	0.00500	mmhos/cm	1	B4J1025	10/10/2024	10/11/2024
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### Table 915 metals by EPA 6020B

Arsenic	3.10	0.245	mg/kg	10	B4J1030	10/10/2024	10/12/2024
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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 - 70 Ranch USX BB25-96-1HN

EX02@8

10/9/2024 12:20:00PM

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

E410292-02 (Soil)

### Table 915 metals by EPA 6020B

Barium	39.8		8.46	mg/kg	10	B4J1030	10/10/2024	10/12/2024	
Cadmium	ND		0.0846	"	"	"	"	"	
Copper	ND		8.46	"	"	"	"	"	
Lead	2.84		0.846	"	"	"	"	"	
Nickel	2.27		0.846	"	"	"	"	"	
Selenium	ND		0.220	"	"	"	"	"	
Silver	ND		0.0846	"	"	"	"	"	
Zinc	ND		31.3	"	"	"	"	"	

### Total Metals 7196A

Hexavalent Chromium	ND	0.134	0.334	mg/kg dry	1	2689071	10/30/2024	11/01/2024	U
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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 - 70 Ranch USX BB25-96-1HN

EX03@4

10/9/2024 1:35:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory**  
**E410292-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.102	mg/L	1	B4J1010	10/10/2024	10/11/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J0958	10/09/2024	10/09/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	81.4 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J0959	10/09/2024	10/09/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	77.2 %	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 - 70 Ranch USX BB25-96-1HN

EX03@4

10/9/2024 1:35:00PM

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

E410292-03 (Soil)

### GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	95.4 %	70-130				B4J09 59	10/09/2024	10/09/2024	
Surrogate: 4-Bromofluorobenzene	86.1 %	70-130				"	"	"	

### Metals by Saturated Paste by EPA 6010

Calcium	0.769	0.499	meq/L	10	[CALC]	10/10/2024	10/11/2024	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	0.671	0.435	"	"	"	"	"	

### PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua

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 - 70 Ranch USX BB25-96-1HN

EX03@4

10/9/2024 1:35:00PM

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

E410292-03 (Soil)

### PAH by EPA 8270E extracted via 3580A

Fluorene	ND	0.020	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	103 %	60-130	"	"	"
Surrogate: Anthracene-d10	81.3 %	60-130	"	"	"
Surrogate: Pyrene-d10	108 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	98.3 %	60-130	"	"	"

### pH in Soil by 9045D

pH	8.41	pH Units	1	B4J1025	10/10/2024	10/11/2024
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### SAR by 20B Saturated Paste

SAR	0.925	0.0100	SAR	1	B4J1018	10/10/2024	10/11/2024
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.227	0.00500	mmhos/cm	1	B4J1025	10/10/2024	10/11/2024
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### Table 915 metals by EPA 6020B

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 - 70 Ranch USX BB25-96-1HN

EX03@4

10/9/2024 1:35:00PM

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

**E410292-03 (Soil)**

**Table 915 metals by EPA 6020B**

Arsenic	2.11	0.266	mg/kg	10	B4J1030	10/10/2024	10/12/2024
Barium	170	9.16	"	"	"	"	"
Cadmium	ND	0.0916	"	"	"	"	"
Copper	ND	9.16	"	"	"	"	"
Lead	4.17	0.916	"	"	"	"	"
Nickel	2.68	0.916	"	"	"	"	"
Selenium	ND	0.238	"	"	"	"	"
Silver	ND	0.0916	"	"	"	"	"
Zinc	ND	33.9	"	"	"	"	"

**Total Metals 7196A**

Hexavalent Chromium	ND	0.164	0.411	mg/kg dry	1	2689071	10/30/2024	11/01/2024	U
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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 - 70 Ranch USX BB25-96-1HN

EX04@4

10/9/2024 1:40:00PM

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

### E410292-04 (Soil)

#### Boron (DTPA Sorbitol)

Boron	0.112	0.0986	mg/L	1	B4J1010	10/10/2024	10/11/2024	
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#### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J0958	10/09/2024	10/09/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	83.4 %	50-150			"	"	"	
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#### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J0959	10/09/2024	10/09/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	77.5 %	70-130			"	"	"	
Surrogate: Toluene-d8	95.6 %	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 - 70 Ranch USX BB25-96-1HN

EX04@4

10/9/2024 1:40:00PM

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

E410292-04 (Soil)

### GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	86.7 %	70-130	B4J0959	10/09/2024	10/09/2024
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### Metals by Saturated Paste by EPA 6010

Calcium	0.590	0.499	meq/L	10	[CALC]	10/10/2024	10/11/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

### PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

EX04@4

10/9/2024 1:40:00PM

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

E410292-04 (Soil)

### PAH by EPA 8270E extracted via 3580A

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	101 %	60-130	"	"	"
Surrogate: Anthracene-d10	82.3 %	60-130	"	"	"
Surrogate: Pyrene-d10	106 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	90.7 %	60-130	"	"	"

### pH in Soil by 9045D

pH	8.39	pH Units	1	B4J1025	10/10/2024	10/11/2024
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### SAR by 20B Saturated Paste

SAR	0.299	0.0100	SAR	1	B4J1018	10/10/2024	10/11/2024
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.171	0.00500	mmhos/cm	1	B4J1025	10/10/2024	10/11/2024
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### Table 915 metals by EPA 6020B

Arsenic	2.27	0.254	mg/kg	10	B4J1030	10/10/2024	10/12/2024
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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

EX04@4

10/9/2024 1:40:00PM

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

E410292-04 (Soil)

#### Table 915 metals by EPA 6020B

Barium	58.9	8.77	mg/kg	10	B4J1030	10/10/2024	10/12/2024
Cadmium	ND	0.0877	"	"	"	"	"
Copper	ND	8.77	"	"	"	"	"
Lead	3.30	0.877	"	"	"	"	"
Nickel	2.35	0.877	"	"	"	"	"
Selenium	ND	0.228	"	"	"	"	"
Silver	ND	0.0877	"	"	"	"	"
Zinc	ND	32.4	"	"	"	"	"

#### Total Metals 7196A

Hexavalent Chromium	ND	0.146	0.366	mg/kg dry	1	2689071	10/30/2024	11/01/2024	U
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Entrada Consulting Group  
330 Grand Ave. Unit C  
Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

EX05@4

10/9/2024 1:45:00PM

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

E410292-05 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.153	0.101	mg/L	1	B4J1010	10/10/2024	10/11/2024	
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### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J0958	10/09/2024	10/09/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	78.8 %	50-150	"	"	"
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### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J0959	10/09/2024	10/09/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	78.3 %	70-130	"	"	"
Surrogate: Toluene-d8	95.0 %	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 - 70 Ranch USX BB25-96-1HN

EX05@4

10/9/2024 1:45:00PM

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

E410292-05 (Soil)

### GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	85.5 %	70-130		B4J0959	10/09/2024	10/09/2024
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### Metals by Saturated Paste by EPA 6010

Calcium	0.553	0.499	meq/L	10	[CALC]	10/10/2024	10/11/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

### PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

EX05@4

10/9/2024 1:45:00PM

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

E410292-05 (Soil)

### PAH by EPA 8270E extracted via 3580A

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	104 %	60-130	"	"	"
Surrogate: Anthracene-d10	86.7 %	60-130	"	"	"
Surrogate: Pyrene-d10	108 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	92.8 %	60-130	"	"	"

### pH in Soil by 9045D

pH	8.40	pH Units	1	B4J1025	10/10/2024	10/11/2024
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### SAR by 20B Saturated Paste

SAR	0.395	0.0100	SAR	1	B4J1018	10/10/2024	10/11/2024
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.208	0.00500	mmhos/cm	1	B4J1025	10/10/2024	10/11/2024
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### Table 915 metals by EPA 6020B

Arsenic	3.20	0.246	mg/kg	10	B4J1030	10/10/2024	10/12/2024
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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 - 70 Ranch USX BB25-96-1HN

EX05@4

10/9/2024 1:45:00PM

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

E410292-05 (Soil)

#### Table 915 metals by EPA 6020B

Barium	106	8.49	mg/kg	10	B4J1030	10/10/2024	10/12/2024
Cadmium	ND	0.0849	"	"	"	"	"
Copper	ND	8.49	"	"	"	"	"
Lead	4.09	0.849	"	"	"	"	"
Nickel	3.15	0.849	"	"	"	"	"
Selenium	ND	0.221	"	"	"	"	"
Silver	ND	0.0849	"	"	"	"	"
Zinc	ND	31.4	"	"	"	"	"

#### Total Metals 7196A

Hexavalent Chromium	ND	0.106	0.265	mg/kg dry	1	2689071	10/30/2024	11/01/2024	U
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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 - 70 Ranch USX BB25-96-1HN

EX06@4

10/9/2024 1:50:00PM

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

### E410292-06 (Soil)

#### Boron (DTPA Sorbitol)

Boron	0.177	0.101	mg/L	1	B4J1010	10/10/2024	10/11/2024	
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#### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J0958	10/09/2024	10/09/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	82.9 %	50-150	"	"	"
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#### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J0959	10/09/2024	10/09/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	76.2 %	70-130	"	"	"
Surrogate: Toluene-d8	96.2 %	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 - 70 Ranch USX BB25-96-1HN

EX06@4

10/9/2024 1:50:00PM

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

E410292-06 (Soil)

### GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene 86.8 % 70-130 B4J09 59 10/09/2024 10/09/2024

### Metals by Saturated Paste by EPA 6010

Calcium	0.917	0.499	meq/L	10	[CALC]	10/10/2024	10/11/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.768	0.435	"	"	"	"	"

### PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

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 - 70 Ranch USX BB25-96-1HN

EX06@4

10/9/2024 1:50:00PM

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

E410292-06 (Soil)

### PAH by EPA 8270E extracted via 3580A

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	105 %	60-130	"	"	"
Surrogate: Anthracene-d10	83.8 %	60-130	"	"	"
Surrogate: Pyrene-d10	111 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	97.1 %	60-130	"	"	"

### pH in Soil by 9045D

pH	8.66	pH Units	1	B4J1025	10/10/2024	10/11/2024
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### SAR by 20B Saturated Paste

SAR	0.998	0.0100	SAR	1	B4J1018	10/10/2024	10/11/2024
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.291	0.00500	mmhos/cm	1	B4J1025	10/10/2024	10/11/2024
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### Table 915 metals by EPA 6020B

Arsenic	2.58	0.289	mg/kg	10	B4J1030	10/10/2024	10/12/2024
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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 - 70 Ranch USX BB25-96-1HN

EX06@4

10/9/2024 1:50:00PM

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

E410292-06 (Soil)

#### Table 915 metals by EPA 6020B

Barium	258	9.97	mg/kg	10	B4J1030	10/10/2024	10/12/2024
Cadmium	ND	0.0997	"	"	"	"	"
Copper	ND	9.97	"	"	"	"	"
Lead	3.47	0.997	"	"	"	"	"
Nickel	3.25	0.997	"	"	"	"	"
Selenium	ND	0.259	"	"	"	"	"
Silver	ND	0.0997	"	"	"	"	"
Zinc	ND	36.9	"	"	"	"	"

#### Total Metals 7196A

Hexavalent Chromium	ND	0.144	0.361	mg/kg dry	1	2689071	10/30/2024	11/01/2024	U
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Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

EX07@4

10/9/2024 1:55:00PM

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

### E410292-07 (Soil)

#### Boron (DTPA Sorbitol)

Boron	ND	0.102	mg/L	1	B4J1010	10/10/2024	10/11/2024	
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#### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J0958	10/09/2024	10/09/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	77.3 %	50-150		"	"	"
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#### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J0959	10/09/2024	10/09/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	78.0 %	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 Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

EX07@4

10/9/2024 1:55:00PM

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

E410292-07 (Soil)

### GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.5 %	70-130				B4J09 59	10/09/2024	10/09/2024	
Surrogate: 4-Bromofluorobenzene	85.8 %	70-130				"	"	"	

### Metals by Saturated Paste by EPA 6010

Calcium	0.521	0.499	meq/L	10	[CALC]	10/10/2024	10/11/2024	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	0.833	0.435	"	"	"	"	"	

### PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua

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 - 70 Ranch USX BB25-96-1HN

EX07@4

10/9/2024 1:55:00PM

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

E410292-07 (Soil)

### PAH by EPA 8270E extracted via 3580A

Fluorene	ND	0.020	mg/kg	1	B4J0956	10/09/2024	10/10/2024	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	107 %	60-130	"	"	"
Surrogate: Anthracene-d10	83.6 %	60-130	"	"	"
Surrogate: Pyrene-d10	107 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	97.2 %	60-130	"	"	"

### pH in Soil by 9045D

pH	8.43	pH Units	1	B4J1025	10/10/2024	10/11/2024
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### SAR by 20B Saturated Paste

SAR	1.40	0.0100	SAR	1	B4J1018	10/10/2024	10/11/2024
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.191	0.00500	mmhos/cm	1	B4J1025	10/10/2024	10/11/2024
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### Table 915 metals by EPA 6020B

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 - 70 Ranch USX BB25-96-1HN

EX07@4

10/9/2024 1:55:00PM

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

E410292-07 (Soil)

### Table 915 metals by EPA 6020B

Arsenic	1.82	0.246	mg/kg	10	B4J1030	10/10/2024	10/12/2024
Barium	75.3	8.49	"	"	"	"	"
Cadmium	ND	0.0849	"	"	"	"	"
Copper	ND	8.49	"	"	"	"	"
Lead	2.92	0.849	"	"	"	"	"
Nickel	2.43	0.849	"	"	"	"	"
Selenium	ND	0.221	"	"	"	"	"
Silver	ND	0.0849	"	"	"	"	"
Zinc	ND	31.4	"	"	"	"	"

### Total Metals 7196A

Hexavalent Chromium	ND	0.163	0.407	mg/kg dry	1	2689071	10/30/2024	11/01/2024	U
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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 - 70 Ranch USX BB25-96-1HN

**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 B4J0958 - EPA 3550B**

**Blank (B4J0958-BLK1)**

Prepared: 10/09/2024 Analyzed: 10/09/2024

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	21		"	24.9		83.6	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 - 70 Ranch USX BB25-96-1HN

**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 B4J0958 - EPA 3550B**

**LCS (B4J0958-BS1)**

Prepared: 10/09/2024 Analyzed: 10/09/2024

Diesel (C10-C28)	1020	50.0	mg/kg	1000		102	70-130			
Residual Range Organics (C28-C40)	1120	200	"	1000		112	70-130			
Surrogate: o-Terphenyl	54		"	49.8		108	50-150			

Origins Laboratory

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

**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 B4J0958 - EPA 3550B**

Matrix Spike (B4J0958-MS1)		Source: E410292-01			Prepared: 10/09/2024 Analyzed: 10/09/2024					
Diesel (C10-C28)	998	50.0	mg/kg	1000	ND	99.8	70-130			
Residual Range Organics (C28-C40)	1110	200	"	1000	ND	111	70-130			
Surrogate: o-Terphenyl	42		"	49.8		83.8	50-150			

Origins Laboratory

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

**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 B4J0958 - EPA 3550B**

Matrix Spike Dup (B4J0958-MSD1)		Source: E410292-01			Prepared: 10/09/2024 Analyzed: 10/09/2024					
Diesel (C10-C28)	1040	50.0	mg/kg	1000	ND	104	70-130	4.41	35	
Residual Range Organics (C28-C40)	1200	200	"	1000	ND	120	70-130	7.59	35	
Surrogate: o-Terphenyl	59		"	49.8		119	50-150			

Origins Laboratory

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Jordan A. Bynon For Jen Pellegrini, Project Manager





Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

**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
<b>Batch B4J0959 - EPA 5030 (soil)</b>										
<b>Blank (B4J0959-BLK1)</b>					Prepared: 10/09/2024 Analyzed: 10/09/2024					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.093		"	0.125		74.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		86.9	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 - 70 Ranch USX BB25-96-1HN

## 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 B4J0959 - EPA 5030 (soil)

#### LCS (B4J0959-BS1)

Prepared: 10/09/2024 Analyzed: 10/09/2024

1,2,4-Trimethylbenzene	0.0850	0.00200	mg/kg	0.100		85.0	70-130			
1,3,5-Trimethylbenzene	0.0900	0.00200	"	0.100		90.0	70-130			
Benzene	0.106	0.00200	"	0.100		106	70-130			
Ethylbenzene	0.0947	0.00200	"	0.100		94.7	70-130			
Naphthalene	0.0830	0.00380	"	0.100		83.0	70-130			
Toluene	0.0890	0.00200	"	0.100		89.0	70-130			
o-Xylene	0.0917	0.00200	"	0.100		91.7	70-130			
m,p-Xylene	0.194	0.00400	"	0.200		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.093		"	0.125		74.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.6	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 - 70 Ranch USX BB25-96-1HN

**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 B4J0959 - EPA 5030 (soil)										
Matrix Spike (B4J0959-MS1)		Source: E410292-01			Prepared: 10/09/2024 Analyzed: 10/09/2024					
1,2,4-Trimethylbenzene	0.0850	0.00200	mg/kg	0.100	ND	85.0	70-130			
1,3,5-Trimethylbenzene	0.0890	0.00200	"	0.100	ND	89.0	70-130			
Benzene	0.105	0.00200	"	0.100	ND	105	70-130			
Ethylbenzene	0.0927	0.00200	"	0.100	ND	92.7	70-130			
Naphthalene	0.0862	0.00380	"	0.100	ND	86.2	70-130			
Toluene	0.0890	0.00200	"	0.100	ND	89.0	70-130			
o-Xylene	0.0907	0.00200	"	0.100	ND	90.7	70-130			
m,p-Xylene	0.195	0.00400	"	0.200	ND	97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.093		"	0.125		74.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.3	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 - 70 Ranch USX BB25-96-1HN

## 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 B4J0959 - EPA 5030 (soil)										
Matrix Spike Dup (B4J0959-MSD1)			Source: E410292-01		Prepared: 10/09/2024 Analyzed: 10/09/2024					
1,2,4-Trimethylbenzene	0.0811	0.00200	mg/kg	0.100	ND	81.1	70-130	4.69	20	
1,3,5-Trimethylbenzene	0.0832	0.00200	"	0.100	ND	83.2	70-130	6.64	20	
Benzene	0.100	0.00200	"	0.100	ND	100	70-130	4.80	20	
Ethylbenzene	0.0877	0.00200	"	0.100	ND	87.7	70-130	5.55	20	
Naphthalene	0.0862	0.00380	"	0.100	ND	86.2	70-130	0.0464	20	
Toluene	0.0845	0.00200	"	0.100	ND	84.5	70-130	5.19	20	
o-Xylene	0.0866	0.00200	"	0.100	ND	86.6	70-130	4.60	20	
m,p-Xylene	0.185	0.00400	"	0.200	ND	92.3	70-130	5.67	20	
Surrogate: 1,2-Dichloroethane-d4	0.095		"	0.125		75.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		92.0	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 - 70 Ranch USX BB25-96-1HN

**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 B4J1030 - EPA 3050B**

**Blank (B4J1030-BLK1)**

Prepared: 10/10/2024 Analyzed: 10/12/2024

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 (B4J1030-BS1)**

Prepared: 10/10/2024 Analyzed: 10/12/2024

Arsenic	4.25	0.290	mg/kg	5.00	85.1	80-120
Barium	489	10.0	"	500	97.8	80-120
Cadmium	5.05	0.100	"	5.00	101	80-120
Copper	44.7	10.0	"	50.0	89.4	80-120
Lead	4.98	1.00	"	5.00	99.6	80-120
Nickel	5.29	1.00	"	5.00	106	80-120
Selenium	4.92	0.260	"	5.00	98.5	80-120
Silver	5.53	0.100	"	5.00	111	80-120
Zinc	42.9	37.0	"	50.0	85.8	80-120

**Matrix Spike (B4J1030-MS1)**

**Source: E410292-01**

Prepared: 10/10/2024 Analyzed: 10/12/2024

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 - 70 Ranch USX BB25-96-1HN

**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 B4J1030 - EPA 3050B**

Matrix Spike (B4J1030-MS1)				Source: E410292-01			Prepared: 10/10/2024 Analyzed: 10/12/2024			
Arsenic	5.58	0.264	mg/kg	4.55	1.85	82.1	75-125			
Barium	746	9.10	"	455	365	83.7	75-125			
Cadmium	4.65	0.0910	"	4.55	0.0727	101	75-125			
Copper	44.5	9.10	"	45.5	3.78	89.6	75-125			
Lead	7.81	0.910	"	4.55	13.5	NR	75-125			QM-07
Nickel	7.75	0.910	"	4.55	3.03	104	75-125			
Selenium	4.57	0.237	"	4.55	0.0514	99.3	75-125			
Silver	5.06	0.0910	"	4.55	ND	111	75-125			
Zinc	53.0	33.7	"	45.5	13.7	86.4	75-125			
Matrix Spike Dup (B4J1030-MSD1)				Source: E410292-01			Prepared: 10/10/2024 Analyzed: 10/12/2024			
Arsenic	6.42	0.272	mg/kg	4.69	1.85	97.3	75-125	13.9	20	
Barium	743	9.38	"	469	365	80.4	75-125	0.477	20	
Cadmium	4.94	0.0938	"	4.69	0.0727	104	75-125	5.99	20	
Copper	48.6	9.38	"	46.9	3.78	95.5	75-125	8.73	20	
Lead	8.27	0.938	"	4.69	13.5	NR	75-125	5.75	20	QM-07
Nickel	8.07	0.938	"	4.69	3.03	107	75-125	4.14	20	
Selenium	5.14	0.244	"	4.69	0.0514	108	75-125	11.7	20	
Silver	5.34	0.0938	"	4.69	ND	114	75-125	5.24	20	
Zinc	57.4	34.7	"	46.9	13.7	93.2	75-125	7.99	20	

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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

**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 B4J0956 - EPA 3580**

**Blank (B4J0956-BLK1)**

Prepared: 10/09/2024 Analyzed: 10/10/2024

1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua
Naphthalene	ND	0.002	"							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua
Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	170		"	200		84.6	60-130			
Surrogate: Pyrene-d10	210		"	200		103	60-130			
Surrogate: Benzo (a) pyrene-d12	180		"	200		92.2	60-130			

**LCS (B4J0956-BS1)**

Prepared: 10/09/2024 Analyzed: 10/10/2024

1-Methylnaphthalene	0.180	0.002	mg/kg	0.200		90.1	70-130			
2-Methylnaphthalene	0.182	0.002	"	0.200		91.1	70-130			
Acenaphthene	0.185	0.020	"	0.200		92.3	70-130			
Anthracene	0.166	0.020	"	0.200		82.9	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 - 70 Ranch USX BB25-96-1HN

## 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 B4J0956 - EPA 3580

#### LCS (B4J0956-BS1)

Prepared: 10/09/2024 Analyzed: 10/10/2024

Benzo (a) anthracene	0.196	0.005	mg/kg	0.200		98.0	70-130			
Benzo (a) pyrene	0.182	0.020	"	0.200		91.2	70-130			
Benzo (b) fluoranthene	0.196	0.020	"	0.200		97.9	70-130			
Benzo (g,h,i) perylene	0.175	0.020	"	0.200		87.7	70-130			
Benzo (k) fluoranthene	0.181	0.020	"	0.200		90.5	70-130			
Chrysene	0.189	0.020	"	0.200		94.5	70-130			
Dibenz (a,h) anthracene	0.177	0.020	"	0.200		88.7	70-130			
Fluoranthene	0.197	0.020	"	0.200		98.7	70-130			
Fluorene	0.192	0.020	"	0.200		95.9	70-130			
Indeno (1,2,3-cd) pyrene	0.173	0.020	"	0.200		86.6	70-130			
Naphthalene	0.183	0.002	"	0.200		91.3	70-130			
Phenanthrene	0.174	0.020	"	0.200		86.8	70-130			
Pyrene	0.222	0.020	"	0.200		111	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	160		"	200		81.8	60-130			
Surrogate: Pyrene-d10	210		"	200		107	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		95.4	60-130			

#### Matrix Spike (B4J0956-MS1)

Source: E410292-01

Prepared: 10/09/2024 Analyzed: 10/10/2024

1-Methylnaphthalene	0.184	0.002	mg/kg	0.200	ND	92.0	70-130			
2-Methylnaphthalene	0.188	0.002	"	0.200	0.0009	93.4	70-130			
Acenaphthene	0.198	0.020	"	0.200	0.001	98.2	70-130			
Anthracene	0.169	0.020	"	0.200	0.002	83.6	70-130			
Benzo (a) anthracene	0.213	0.005	"	0.200	0.0006	106	70-130			
Benzo (a) pyrene	0.190	0.020	"	0.200	ND	94.9	70-130			
Benzo (b) fluoranthene	0.226	0.020	"	0.200	0.001	112	70-130			
Benzo (g,h,i) perylene	0.188	0.020	"	0.200	0.0008	93.8	70-130			

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Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

## 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 B4J0956 - EPA 3580

Matrix Spike (B4J0956-MS1)		Source: E410292-01			Prepared: 10/09/2024 Analyzed: 10/10/2024					
Benzo (k) fluoranthene	0.200	0.020	mg/kg	0.200	0.0008	99.5	70-130			
Chrysene	0.205	0.020	"	0.200	0.001	102	70-130			
Dibenz (a,h) anthracene	0.192	0.020	"	0.200	ND	96.0	70-130			
Fluoranthene	0.223	0.020	"	0.200	0.001	111	70-130			
Fluorene	0.199	0.020	"	0.200	ND	99.5	70-130			
Indeno (1,2,3-cd) pyrene	0.175	0.020	"	0.200	0.001	86.7	70-130			
Naphthalene	0.190	0.002	"	0.200	ND	94.8	70-130			
Phenanthrene	0.185	0.020	"	0.200	0.0006	92.0	70-130			
Pyrene	0.243	0.020	"	0.200	ND	122	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	160		"	200		81.1	60-130			
Surrogate: Pyrene-d10	220		"	200		110	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Matrix Spike Dup (B4J0956-MSD1)		Source: E410292-01			Prepared: 10/09/2024 Analyzed: 10/10/2024					
1-Methylnaphthalene	0.190	0.002	mg/kg	0.200	ND	95.2	70-130	3.43	20	
2-Methylnaphthalene	0.197	0.002	"	0.200	0.0009	97.9	70-130	4.68	20	
Acenaphthene	0.199	0.020	"	0.200	0.001	98.8	70-130	0.682	20	
Anthracene	0.175	0.020	"	0.200	0.002	86.3	70-130	3.14	20	
Benzo (a) anthracene	0.231	0.005	"	0.200	0.0006	115	70-130	7.85	20	
Benzo (a) pyrene	0.179	0.020	"	0.200	ND	89.5	70-130	5.84	20	
Benzo (b) fluoranthene	0.209	0.020	"	0.200	0.001	104	70-130	7.76	20	
Benzo (g,h,i) perylene	0.185	0.020	"	0.200	0.0008	91.9	70-130	2.01	20	
Benzo (k) fluoranthene	0.183	0.020	"	0.200	0.0008	91.1	70-130	8.84	20	
Chrysene	0.211	0.020	"	0.200	0.001	105	70-130	2.59	20	
Dibenz (a,h) anthracene	0.176	0.020	"	0.200	ND	88.1	70-130	8.57	20	
Fluoranthene	0.211	0.020	"	0.200	0.001	105	70-130	5.83	20	

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Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

**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 B4J0956 - EPA 3580**

Matrix Spike Dup (B4J0956-MSD1)		Source: E410292-01			Prepared: 10/09/2024 Analyzed: 10/10/2024					
Fluorene	0.193	0.020	mg/kg	0.200	ND	96.6	70-130	2.99	20	
Indeno (1,2,3-cd) pyrene	0.223	0.020	"	0.200	0.001	111	70-130	24.5	20	QR-02
Naphthalene	0.194	0.002	"	0.200	ND	97.2	70-130	2.52	20	
Phenanthrene	0.195	0.020	"	0.200	0.0006	97.1	70-130	5.37	20	
Pyrene	0.225	0.020	"	0.200	ND	112	70-130	7.94	20	
Surrogate: Fluorene-d10	200		ug/kg	200		98.0	60-130			
Surrogate: Anthracene-d10	170		"	200		87.5	60-130			
Surrogate: Pyrene-d10	200		"	200		97.7	60-130			
Surrogate: Benzo (a) pyrene-d12	180		"	200		90.9	60-130			

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330 Grand Ave. Unit C  
Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

**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 B4J1010 - DTPA Sorbitol Preparation**

**Blank (B4J1010-BLK1)**

Prepared: 10/10/2024 Analyzed: 10/11/2024

Boron ND 0.100 mg/L

**Duplicate (B4J1010-DUP1)**

**Source: E410232-01**

Prepared: 10/10/2024 Analyzed: 10/11/2024

Boron 0.229 0.102 mg/L 0.204 11.6 50

**Batch B4J1018 - Saturated Paste Metals**

**Blank (B4J1018-BLK1)**

Prepared: 10/10/2024 Analyzed: 10/11/2024

SAR ND 0.0100 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

**Duplicate (B4J1018-DUP1)**

**Source: E410193-12**

Prepared: 10/10/2024 Analyzed: 10/11/2024

SAR ND 0.0100 SAR 2.99 200

Calcium PPM 84.2 10.0 mg/L 78.0 7.67 50

Magnesium PPM 35.8 10.0 " 33.9 5.48 50

Sodium PPM 132 10.0 " 126 5.10 50

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4J1025 - Saturated Paste pH/EC</b>										
<b>Blank (B4J1025-BLK1)</b>					Prepared: 10/10/2024 Analyzed: 10/11/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B4J1025-DUP1)</b>					<b>Source: E410193-12</b> Prepared: 10/10/2024 Analyzed: 10/11/2024					
pH	8.18		pH Units		8.10		0.983	25		
Specific Conductance (EC)	1.44	0.00500	mmhos/cm		1.36		5.88	25		

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Grand Junction CO 81501

Chelsea Veryser  
Project Number: [none]  
Project: Chevron - 70 Ranch USX BB25-96-1HN

**Total Metals 7196A - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 2689071 - SW846 3060A</b>										
<b>BLANK (1205888817-BLK)</b>					Prepared: 10/30/2024 Analyzed: 11/01/2024					
Hexavalent Chromium	ND	0.374	mg/kg				-			U
<b>LCS (1205888818-BKS)</b>					Prepared: 10/30/2024 Analyzed: 11/01/2024					
Hexavalent Chromium	4.02	0.400	mg/kg	4.00		101	80-120			
<b>DUP (1205888819 D)</b>					Source: 689908001 Prepared: 10/30/2024 Analyzed: 11/01/2024					
Hexavalent Chromium	ND	0.407	mg/kg dry		<0.163		0-50	N/A	50	U
<b>MS (1205888820 S)</b>					Source: 689908001 Prepared: 10/30/2024 Analyzed: 11/01/2024					
Hexavalent Chromium	3.66	0.455	mg/kg dry	4.55	<0.182	79.5	75-125			
<b>DUP (1205888821 D)</b>					Source: 689908002 Prepared: 10/30/2024 Analyzed: 11/01/2024					
Hexavalent Chromium	ND	0.353	mg/kg dry		<0.141		0-50	N/A	50	U
<b>MS (1205888822 S)</b>					Source: 689908002 Prepared: 10/30/2024 Analyzed: 11/01/2024					
Hexavalent Chromium	2.77	0.387	mg/kg dry	3.87	<0.155	70.3	75-125			
<b>ILCS (1205888823-ILCS)</b>					Prepared: 10/30/2024 Analyzed: 11/01/2024					
Hexavalent Chromium	7.07	0.342	mg/kg	6.89		103	80-120			

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - 70 Ranch USX BB25-96-1HN

## Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

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.

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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