



**Entrada Consulting Group**

**Chelsea Veryser**

**330 Grand Ave. Unit C**

**Grand Junction CO 81501**

**January 02, 2025**

**Project Name - Chevron - Klausauer 1**

**Project Number - [none]**

Attached are your analytical results for Chevron - Klausauer 1 received by Origins Laboratory November 11, 2024. This project is associated with Origins project number E4K0280-01.

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 Verysen

Project Number: [none]

Project: Chevron - Klausner 1

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	E4K0280-01	Soil	November 8, 2024 9:00	11/11/2024 17:36

Origins Laboratory

Jen Pellegrini, Project Manager

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.



# ORIGINS LABORATORY

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Verysen

Project Number: [none]

Project: Chevron - Klausar 1

ORIGINS  
LABORATORY

ORIGINS BOOK CODE #

64160280

Page 1 of 1

Client: Entrada  
Address: \_\_\_\_\_

Project Manager: Chelsea Verysen

Key:

Project Name: Klausar 1

W= Water

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

GW= Groundwater

Telephone Number: 303-311-1073

Collected By: SW

SW= Surface Water

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

Invoice Billing Info: BILL & GARY (DUST SM)

WM= Waste Water

Entrada Distribution Co. 800-770-7000

S-Sol | SO-Solid | O-Oil | A-Air | G-Gas | UNF=Unrefined | HCl=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

L=Liquid

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis	Comments
1	W101-01	11/11/24	0900	2	SW	SW	Ac
2	W101-02	11/11/24	0905	1	SW	SW	Ac
3	W101-03	11/11/24	0910	1	SW	SW	Ac
4	W101-04	11/11/24	0915	1	SW	SW	Ac
5	W101-05	11/11/24	0920	1	SW	SW	Ac
6	W101-06	11/11/24	0925	1	SW	SW	Ac
7	W101-07	11/11/24	0930	1	SW	SW	Ac
8	W101-08	11/11/24	0935	1	SW	SW	Ac
9	W101-09	11/11/24	0940	1	SW	SW	Ac
10	W101-10	11/11/24	0945	1	SW	SW	Ac

Relinquished By: [Signature] Date: 11/11/24 Time: 1300  
Received By: [Signature] Date: 11/11/24 Time: 1605  
Temp Received: ✓ Received On Ice? ✓ ☒ Standard ☐ 48 Hr ☐ 72

Origins Laboratory

Jefe Pellegrini

Jen Pellegrini, Project Manager

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.



# ORIGINS

LABORATORY

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Verysen

Project Number: [none]

Project: Chevron - Klausner 1

Origins Laboratory

## Sample Receipt Checklist

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

Origins Work Order: E410280

Client: Entrada  
Client Project ID: Klausner 1

Checklist Completed by: JHD WS

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

Date/time completed: 11/11/24

Airbill #: N/A

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

Cooler Number/Temperature: 113 °C 1 °C 1 °C (Describe) °C

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)	/	/		
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 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 be in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

11/13/24  
Date/Time Reviewed

Origins Laboratory

*Jefe Pellegrini*

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

WH01@6

11/8/2024 9:00:00AM

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

Origins Laboratory

E4K0280-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.535	0.0986	mg/L	1	B4K1316	11/13/2024	11/14/2024
-------	-------	--------	------	---	---------	------------	------------

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4K1302	11/13/2024	11/15/2024	U
------------------	----	------	-------	---	---------	------------	------------	---

Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U
-----------------------------------	----	-----	---	---	---	---	---	---

Surrogate: o-Terphenyl	72.6 %	50-150	"	"	"	"	"
------------------------	--------	--------	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4K1219	11/12/2024	11/13/2024	U
------------------------	----	---------	-------	---	---------	------------	------------	---

1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
------------------------	----	---------	---	---	---	---	---	---

Benzene	ND	0.00200	"	"	"	"	"	U
---------	----	---------	---	---	---	---	---	---

Ethylbenzene	ND	0.00200	"	"	"	"	"	U
--------------	----	---------	---	---	---	---	---	---

Toluene	ND	0.00200	"	"	"	"	"	U
---------	----	---------	---	---	---	---	---	---

Xylenes, total	ND	0.00200	"	"	"	"	"	U
----------------	----	---------	---	---	---	---	---	---

Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
-----------------------------	----	-------	---	---	---	---	---	---

Surrogate: 1,2-Dichloroethane-d4	117 %	70-130	"	"	"	"	"
----------------------------------	-------	--------	---	---	---	---	---

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

WH01@6

11/8/2024 9:00:00AM

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

### Origins Laboratory

E4K0280-01 (Soil)

#### GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	98.5 %	70-130	B4K12 19	11/12/2024	11/13/2024
Surrogate: 4-Bromofluorobenzene	99.7 %	70-130	"	"	"

#### Metals by Saturated Paste by EPA 6010

Calcium	14.8	0.499	meq/L	10	[CALC]	11/13/2024	11/15/2024
Magnesium	7.99	0.823	"	"	"	"	"
Sodium	6.75	0.435	"	"	"	"	"

#### PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L785016	11/19/2024	11/21/2024
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	0.00141	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	0.000639	0.000394	0.00067	"	"	"	"	"

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausner 1

WH01@6

11/8/2024 9:00:00AM

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

**Waypoint Analytical, LLC.**

**E4K0280-01 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L785016	11/19/2024	11/21/2024	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	"
Pyrene	0.00106	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	40.5 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	42.9 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	79.8 %	29-110	"	"	"

**pH in Soil by 9045D**

pH	7.67	pH Units	1	B4K1321	11/13/2024	11/14/2024
----	------	----------	---	---------	------------	------------

**SAR by 20B Saturated Paste**

SAR	2.00	0.0100	SAR	1	B4K1310	11/13/2024	11/15/2024
-----	------	--------	-----	---	---------	------------	------------

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.45	0.00500	mmhos/cm	1	B4K1321	11/13/2024	11/14/2024
---------------------------	------	---------	----------	---	---------	------------	------------

**Table 915 metals by EPA 6020B**

Arsenic	6.82	0.245	mg/kg	10	B4K0835	11/12/2024	11/14/2024
---------	------	-------	-------	----	---------	------------	------------

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.

Jen Pellegrini, Project Manager





Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Verysen

Project Number: [none]

Project: Chevron - Klausner 1

WH01@6

11/8/2024 9:00:00AM

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

Origins Laboratory

E4K0280-01 (Soil)

Table 915 metals by EPA 6020B

Barium	214	8.44	mg/kg	10	B4K0835	11/12/2024	11/14/2024
Cadmium	0.436	0.0844	"	"	"	"	"
Copper	16.6	8.44	"	"	"	"	"
Lead	14.7	0.844	"	"	"	"	"
Nickel	15.2	0.844	"	"	"	"	"
Selenium	0.660	0.219	"	"	"	"	"
Silver	ND	0.0844	"	"	"	"	U
Zinc	198	31.2	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L784798	11/08/2024	11/18/2024
----------------------	----	-------	-----	-------	---	---------	------------	------------

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausner 1

**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 B4K1219 - EPA 5030 (soil)**

**Blank (B4K1219-BLK1)**

Prepared: 11/12/2024 Analyzed: 11/12/2024

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	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.2	70-130			

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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 B4K1219 - EPA 5030 (soil)

LCS (B4K1219-BS1)

Prepared: 11/12/2024 Analyzed: 11/12/2024

1,2,4-Trimethylbenzene	0.0967	0.00200	mg/kg	0.100		96.7	70-130			
1,3,5-Trimethylbenzene	0.0972	0.00200	"	0.100		97.2	70-130			
Benzene	0.0957	0.00200	"	0.100		95.7	70-130			
Ethylbenzene	0.0952	0.00200	"	0.100		95.2	70-130			
Naphthalene	0.101	0.00380	"	0.100		101	70-130			
Toluene	0.0941	0.00200	"	0.100		94.1	70-130			
o-Xylene	0.0945	0.00200	"	0.100		94.5	70-130			
m,p-Xylene	0.191	0.00400	"	0.200		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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 B4K1219 - EPA 5030 (soil)**

**Matrix Spike (B4K1219-MS1)**

**Source: E4K0271-01**

Prepared: 11/12/2024 Analyzed: 11/12/2024

1,2,4-Trimethylbenzene	0.0952	0.00200	mg/kg	0.100	ND	95.2	70-130
1,3,5-Trimethylbenzene	0.0993	0.00200	"	0.100	ND	99.3	70-130
Benzene	0.0996	0.00200	"	0.100	ND	99.6	70-130
Ethylbenzene	0.0954	0.00200	"	0.100	ND	95.4	70-130
Naphthalene	0.115	0.00380	"	0.100	ND	115	70-130
Toluene	0.0964	0.00200	"	0.100	ND	96.4	70-130
o-Xylene	0.0966	0.00200	"	0.100	ND	96.6	70-130
m,p-Xylene	0.192	0.00400	"	0.200	ND	95.8	70-130
Surrogate: 1,2-Dichloroethane-d4	0.13	"	"	0.125		105	70-130
Surrogate: Toluene-d8	0.12	"	"	0.125		98.0	70-130
Surrogate: 4-Bromofluorobenzene	0.13	"	"	0.125		101	70-130

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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 B4K1219 - EPA 5030 (soil)**

**Matrix Spike Dup (B4K1219-MSD1)**

**Source: E4K0271-01**

Prepared: 11/12/2024 Analyzed: 11/12/2024

1,2,4-Trimethylbenzene	0.0980	0.00200	mg/kg	0.100	ND	98.0	70-130	2.94	20	
1,3,5-Trimethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130	2.45	20	
Benzene	0.102	0.00200	"	0.100	ND	102	70-130	2.52	20	
Ethylbenzene	0.0977	0.00200	"	0.100	ND	97.7	70-130	2.44	20	
Naphthalene	0.121	0.00380	"	0.100	ND	121	70-130	5.72	20	
Toluene	0.0976	0.00200	"	0.100	ND	97.6	70-130	1.28	20	
o-Xylene	0.0988	0.00200	"	0.100	ND	98.8	70-130	2.27	20	
m,p-Xylene	0.195	0.00400	"	0.200	ND	97.4	70-130	1.66	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausner 1

**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 B4K1302 - EPA 3550B

Blank (B4K1302-BLK1)

Prepared: 11/13/2024 Analyzed: 11/15/2024

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	19		"	24.9		75.6	50-150			

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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 B4K1302 - EPA 3550B**

**LCS (B4K1302-BS1)**

Prepared: 11/13/2024 Analyzed: 11/15/2024

Diesel (C10-C28)	878	50.0	mg/kg	1000		87.8	70-130			
Residual Range Organics (C28-C40)	898	200	"	1000		89.8	70-130			
Surrogate: o-Terphenyl	45		"	49.8		90.8	50-150			

Origins Laboratory

Jen Pellegrini, Project Manager

*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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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 B4K1302 - EPA 3550B**

**Matrix Spike (B4K1302-MS1)**

**Source: E4K0280-01**

Prepared: 11/13/2024 Analyzed: 11/15/2024

Diesel (C10-C28)	895	50.0	mg/kg	1000	ND	89.5	70-130
Residual Range Organics (C28-C40)	935	200	"	1000	52.8	88.2	70-130
Surrogate: o-Terphenyl	43		"	49.8		85.6	50-150

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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 B4K1302 - EPA 3550B**

**Matrix Spike Dup (B4K1302-MSD1)**

**Source: E4K0280-01**

Prepared: 11/13/2024 Analyzed: 11/15/2024

Diesel (C10-C28)	943	50.0	mg/kg	1000	ND	94.3	70-130	5.22	35	
Residual Range Organics (C28-C40)	1000	200	"	1000	52.8	94.7	70-130	6.68	35	
Surrogate: o-Terphenyl	46		"	49.8		92.2	50-150			

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B4K0835 - EPA 3050B**

**Blank (B4K0835-BLK1)**

Prepared: 11/11/2024 Analyzed: 11/14/2024

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

**LCS (B4K0835-BS1)**

Prepared: 11/11/2024 Analyzed: 11/14/2024

Arsenic	5.25	0.290	mg/kg	5.00	105	80-120
Barium	579	10.0	"	500	116	80-120
Cadmium	5.47	0.100	"	5.00	109	80-120
Copper	53.5	10.0	"	50.0	107	80-120
Lead	5.33	1.00	"	5.00	107	80-120
Nickel	5.50	1.00	"	5.00	110	80-120
Selenium	5.48	0.260	"	5.00	110	80-120
Silver	5.87	0.100	"	5.00	117	80-120
Zinc	53.7	37.0	"	50.0	107	80-120

**Matrix Spike (B4K0835-MS1)**

**Source: E4K0246-01**

Prepared: 11/11/2024 Analyzed: 11/14/2024

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B4K0835 - EPA 3050B**

**Matrix Spike (B4K0835-MS1)**

**Source: E4K0246-01**

Prepared: 11/11/2024 Analyzed: 11/14/2024

Arsenic	8.75	0.259	mg/kg	4.47	4.40	97.2	75-125			
Barium	636	8.94	"	447	75.3	125	75-125			
Cadmium	5.10	0.0894	"	4.47	0.240	109	75-125			
Copper	72.6	8.94	"	44.7	23.4	110	75-125			
Lead	21.3	0.894	"	4.47	14.5	154	75-125			QM-07
Nickel	15.8	0.894	"	4.47	10.5	119	75-125			
Selenium	5.02	0.233	"	4.47	0.237	107	75-125			
Silver	5.11	0.0894	"	4.47	0.0266	114	75-125			
Zinc	100	33.1	"	44.7	56.7	96.8	75-125			

**Matrix Spike Dup (B4K0835-MSD1)**

**Source: E4K0246-01**

Prepared: 11/11/2024 Analyzed: 11/14/2024

Arsenic	9.07	0.255	mg/kg	4.40	4.40	106	75-125	3.58	20	
Barium	574	8.80	"	440	75.3	113	75-125	10.3	20	
Cadmium	5.02	0.0880	"	4.40	0.240	109	75-125	1.70	20	
Copper	77.9	8.80	"	44.0	23.4	124	75-125	7.03	20	
Lead	21.2	0.880	"	4.40	14.5	152	75-125	0.786	20	QM-07
Nickel	15.5	0.880	"	4.40	10.5	113	75-125	2.03	20	
Selenium	5.14	0.229	"	4.40	0.237	111	75-125	2.37	20	
Silver	5.09	0.0880	"	4.40	0.0266	115	75-125	0.309	20	
Zinc	103	32.6	"	44.0	56.7	105	75-125	3.03	20	

Origins Laboratory

Jen Pellegrini, Project Manager

*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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

Classical Chemistry Parameters - Quality Control  
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4K1310 - Saturated Paste Metals

Blank (B4K1310-BLK1)

Prepared: 11/13/2024 Analyzed: 11/15/2024

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

Duplicate (B4K1310-DUP1)

Source: E4K0280-01

Prepared: 11/13/2024 Analyzed: 11/15/2024

SAR	ND	0.0100	SAR	2.00				200		U
Calcium PPM	294	10.0	mg/L	296				0.492	50	
Magnesium PPM	96.8	10.0	"	97.1				0.289	50	
Sodium PPM	147	10.0	"	155				5.28	50	

Batch B4K1316 - DTPA Sorbitol Preparation

Blank (B4K1316-BLK1)

Prepared: 11/13/2024 Analyzed: 11/14/2024

Boron	ND	0.100	mg/L							U
-------	----	-------	------	--	--	--	--	--	--	---

Duplicate (B4K1316-DUP1)

Source: E4K0280-01

Prepared: 11/13/2024 Analyzed: 11/14/2024

Boron	0.639	0.100	mg/L	0.535				17.7	50	
-------	-------	-------	------	-------	--	--	--	------	----	--

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B4K1321 - Saturated Paste pH/EC**

**Blank (B4K1321-BLK1)**

Prepared: 11/13/2024 Analyzed: 11/14/2024

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

**Duplicate (B4K1321-DUP1)**

**Source: E4K0280-01**

Prepared: 11/13/2024 Analyzed: 11/14/2024

Specific Conductance (EC)	2.42	0.00500	mmhos/cm	2.45			1.01	25		
pH	7.73		pH Units	7.67			0.779	25		

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L785016 - 3550B**

**MSD (L 98530-MSD-L785016)**

**Source: 98530**

Prepared: 11/19/2024 Analyzed: 11/21/2024

Acenaphthene	0.08	0.00067	mg/Kg	0.164	<0.000304	48.7	30-130	26	30	
Pyrene	0.0933	0.00067	"	0.164	<0.000643	56.8	30-130	20.8	30	
Naphthalene	0.0816	0.00201	"	0.164	<0.00145	49.7	30-130	17.1	30	
Indeno(1,2,3-cd)pyrene	0.129	0.00067	"	0.164	<0.000627	78.6	30-130	12.3	30	
Fluorene	0.0782	0.00067	"	0.164	<0.000286	47.6	30-130	27.3	30	
Fluoranthene	0.091	0.00067	"	0.164	<0.000394	55.4	30-130	22.4	30	
Dibenz(a,h)anthracene	0.129	0.00067	"	0.164	<0.000614	78.6	30-130	10.2	30	
Chrysene	0.0844	0.00067	"	0.164	<0.000624	51.4	30-130	20.8	30	
Benzo(k)fluoranthene	0.101	0.00067	"	0.164	<0.000437	61.5	30-130	15.5	30	
Benzo(b)fluoranthene	0.1	0.00067	"	0.164	<0.000585	60.9	30-130	16.5	30	
Benzo(a)pyrene	0.0958	0.00067	"	0.164	<0.000468	58.4	30-130	20.7	30	
Anthracene	0.0978	0.00067	"	0.164	<0.000334	59.6	30-130	22	30	
2-Methylnaphthalene	0.0842	0.00201	"	0.164	<0.00194	51.3	30-130	7.5	30	
1-Methylnaphthalene	0.0859	0.00201	"	0.164	<0.00109	52.3	30-130	7.1	30	
Benzo(a)anthracene	0.0816	0.00067	"	0.164	<0.000493	49.7	30-130	22.2	30	
Surrogate: Nitrobenzene-d5	65.8		"	0.328	260	65.8	29-110			
Surrogate: 4-Terphenyl-d14	41.1		"	0.328	156	41.1	33-122			
Surrogate: 2-Fluorobiphenyl	38.4		"	0.328	188	38.4	33-115			

**MS (L 98530-MS-L785016)**

**Source: 98530**

Prepared: 11/19/2024 Analyzed: 11/21/2024

Fluoranthene	0.114	0.00067	mg/Kg	0.166	<0.000394	68.6	30-130			
Benzo(k)fluoranthene	0.118	0.00067	"	0.166	<0.000437	71	30-130			
Acenaphthene	0.104	0.00067	"	0.166	<0.000304	62.6	30-130			
2-Methylnaphthalene	0.0908	0.00201	"	0.166	<0.00194	54.6	30-130			
1-Methylnaphthalene	0.0923	0.00201	"	0.166	<0.00109	55.6	30-130			
Benzo(a)anthracene	0.102	0.00067	"	0.166	<0.000493	61.4	30-130			
Indeno(1,2,3-cd)pyrene	0.146	0.00067	"	0.166	<0.000627	87.9	30-130			

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.

Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Verysen

Project Number: [none]

Project: Chevron - Klausner 1

## PAH by 8270D SIM - Quality Control Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch L785016 - 3550B

#### MS (L 98530-MS-L785016)

Source: 98530

Prepared: 11/19/2024 Analyzed: 11/21/2024

Benzo(b)fluoranthene	0.118	0.00067	mg/Kg	0.166	<0.000585	71	30-130
Anthracene	0.122	0.00067	"	0.166	<0.000334	73.4	30-130
Chrysene	0.104	0.00067	"	0.166	<0.000624	62.6	30-130
Dibenz(a,h)anthracene	0.143	0.00067	"	0.166	<0.000614	86.1	30-130
Fluorene	0.103	0.00067	"	0.166	<0.000286	62	30-130
Naphthalene	0.0969	0.00201	"	0.166	<0.00145	58.3	30-130
Pyrene	0.115	0.00067	"	0.166	<0.000643	69.2	30-130
Benzo(a)pyrene	0.118	0.00067	"	0.166	<0.000468	71	30-130
Surrogate: 4-Terphenyl-d14	50.7	"	"	0.331	156	50.7	33-122
Surrogate: 2-Fluorobiphenyl	39.8	"	"	0.331	188	39.8	33-115
Surrogate: Nitrobenzene-d5	62.2	"	"	0.331	260	62.2	29-110

#### LCS (LCS-L785016)

Prepared: 11/19/2024 Analyzed: 11/21/2024

Chrysene	0.116	0.00067	mg/Kg	0.167		69.4	30-130
Benzo(a)anthracene	0.11	0.00067	"	0.167		65.8	30-130
Fluoranthene	0.123	0.00067	"	0.167		73.6	30-130
Indeno(1,2,3-cd)pyrene	0.16	0.00067	"	0.167		95.8	30-130
Fluorene	0.109	0.00067	"	0.167		65.2	30-130
Dibenz(a,h)anthracene	0.163	0.00067	"	0.167		97.6	30-130
Benzo(k)fluoranthene	0.141	0.00067	"	0.167		84.4	30-130
Benzo(a)pyrene	0.127	0.00067	"	0.167		76	30-130
Pyrene	0.124	0.00067	"	0.167		74.2	30-130
Anthracene	0.138	0.00067	"	0.167		82.6	30-130
Acenaphthene	0.112	0.00067	"	0.167		67	30-130
2-Methylnaphthalene	0.142	0.00201	"	0.167		85	30-130
1-Methylnaphthalene	0.148	0.00201	"	0.167		88.6	30-130
Benzo(b)fluoranthene	0.125	0.00067	"	0.167		74.8	30-130

Origins Laboratory



Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausner 1

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch L785016 - 3550B**

**LCS (LCS-L785016)**

Prepared: 11/19/2024 Analyzed: 11/21/2024

Naphthalene	0.0939	0.00201	mg/Kg	0.167		56.2	30-130
Surrogate: Nitrobenzene-d5	97.2		"	0.333		97.2	29-110
Surrogate: 4-Terphenyl-d14	56.7		"	0.333		56.7	33-122
Surrogate: 2-Fluorobiphenyl	69		"	0.333		69	33-115

**LRB (LRB-L785016)**

Prepared: 11/19/2024 Analyzed: 11/21/2024

Benzo(b)fluoranthene	ND	0.00067	mg/Kg			-	
Pyrene	ND	0.00067	"			-	
Naphthalene	ND	0.00201	"			-	
Indeno(1,2,3-cd)pyrene	ND	0.00067	"			-	
Fluorene	ND	0.00067	"			-	
Fluoranthene	ND	0.00067	"			-	
Dibenz(a,h)anthracene	ND	0.00067	"			-	
Benzo(k)fluoranthene	ND	0.00067	"			-	
1-Methylnaphthalene	ND	0.00201	"			-	
Benzo(a)pyrene	ND	0.00067	"			-	
Benzo(a)anthracene	ND	0.00067	"			-	
Anthracene	ND	0.00067	"			-	
Acenaphthene	ND	0.00067	"			-	
2-Methylnaphthalene	ND	0.00201	"			-	
Chrysene	ND	0.00067	"			-	
Surrogate: 4-Terphenyl-d14	55.2		"	0.333		55.2	33-122
Surrogate: 2-Fluorobiphenyl	41.7		"	0.333		41.7	33-115
Surrogate: Nitrobenzene-d5	67.2		"	0.333		67.2	29-110

Origins Laboratory

Jen Pellegrini, Project Manager

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 Verysen

Project Number: [none]

Project: Chevron - Klausser 1

**Total Metals by 7196A - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch L784798 -

**DUP (L 98533-DUP)**

**Source: 98533**

Prepared: Analyzed: 11/18/2024

Chromium, Hexavalent

ND

0.5

mg/Kg

<0.500

-

0

20

**MS (L 98533-MS)**

**Source: 98533**

Prepared: Analyzed: 11/18/2024

Chromium, Hexavalent

29.7

2.5

mg/Kg

39.1

< 0.244

76

75-125

**LCS (LCS)**

Prepared: Analyzed: 11/18/2024

Chromium, Hexavalent

6.29

0.5

mg/Kg

8

79

75-125

**LRB (LRB)**

Prepared: Analyzed: 11/18/2024

Chromium, Hexavalent

ND

0.5

mg/Kg

-

Origins Laboratory

Jen Pellegrini, Project Manager

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 - Klausser 1

### Notes and Definitions

U Sample is Non-Detect.

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

J Estimated Value. Analyte below reported quantitation limit.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory

Jen Pellegrini, Project Manager

*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.*