

ORIGINS

September 04, 2024

Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Diggin State D16-23

Project Number - [none]

Attached are your analytical results for Chevron - Diggin State D16-23 received by Origins Laboratory, Inc. July 30, 2024. This project is associated with Origins project number Y407828-01.

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, Inc.
303.433.1322
o-squad@oelabinc.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 - Diggin State D16-23

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	Y407828-01	Soil	July 29, 2024 12:00	07/30/2024 17:25

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

ORIGINS LABORATORY, INC

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

Chelsea Veryser
Project Number: [none]
Project: Chevron - Diggin State D16-23

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 1407823 Client: Entrada
 Checklist Completed by: JPP/EDD Client Project ID: Diggin State Pile 23
 Date/Time Completed: 7/31/24 Shipped Via: TD
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1, 2 °C _____ °C _____ °C (Describe)
 Thermometer ID: T005

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water - is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) (preservation is not confirmed for subcontracted analyses in order to insure sample integrity/ pH = 2 for samples preserved with HNO ₃ , HCl, H ₂ SO ₄) (pH = 10 for samples preserved with Na ₂ SO ₃ +NaOH, ZnAc ₂ +NaOH)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to be in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) JPP

Date/Time Reviewed 8/1/24

Origins Laboratory

Jen Pellegrini

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

WH01@6

7/29/2024 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory
Y407828-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.158	0.0985	mg/L	1	B4H0116	ACC	08/01/2024	08/02/2024	
-------	-------	--------	------	---	---------	-----	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4G3134	ADM	07/31/2024	08/01/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	Ua

Surrogate: o-Terphenyl	74.5 %		50-150		"	"	"	"	
------------------------	--------	--	--------	--	---	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4G3128	ZZZ	07/31/2024	08/01/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Benzene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Toluene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ZZZ	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	111 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	106 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	111 %		70-130		"	"	"	"	

Metals by Saturated Paste by EPA 6010

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 - Diggin State D16-23

WH01@6

7/29/2024 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory
Y407828-01 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	1.68	0.499	meq/L	10	[CALC]	KRM	08/01/2024	08/02/2024	
Magnesium	ND	0.823	"	"	"	KRM	"	"	
Sodium	0.765	0.435	"	"	"	KRM	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4H0132	Windo	08/01/2024	08/02/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	Ua
Anthracene	ND	0.020	"	"	"	Windo	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	Ua
Chrysene	ND	0.020	"	"	"	Windo	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	Ua
Fluorene	ND	0.020	"	"	"	Windo	"	"	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	Ua
Naphthalene	ND	0.002	"	"	"	Windo	"	"	Ua
Pyrene	ND	0.020	"	"	"	Windo	"	"	Ua

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 - Diggin State D16-23

WH01@6

7/29/2024 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory
Y407828-01 (Soil)

PAH by EPA 8270E

Surrogate: Fluorene-d10	97.4 %		60-130		B4H01 32		08/01/2024	08/02/2024	
Surrogate: Anthracene-d10	97.7 %		60-130		"		"	"	
Surrogate: Pyrene-d10	104 %		60-130		"		"	"	
Surrogate: Benzo (a) pyrene-d12	101 %		60-130		"		"	"	

pH in Soil by 9045D

pH	8.22		pH Units	1	B4H0121	EAL	08/01/2024	08/02/2024	
----	------	--	----------	---	---------	-----	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.741	0.0100	SAR	1	B4H0109	KRM	08/01/2024	08/02/2024	
-----	-------	--------	-----	---	---------	-----	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.455	0.00500	mmhos/cm	1	B4H0121	EAL	08/01/2024	08/02/2024	
---------------------------	-------	---------	----------	---	---------	-----	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.54	0.246	mg/kg	10	B4G3126	ACN	07/31/2024	08/02/2024	
Barium	35.7	8.47	"	"	"	ACN	"	"	
Cadmium	ND	0.0847	"	"	"	ACN	"	"	Ua
Copper	ND	8.47	"	"	"	ACN	"	"	Ua
Lead	65.0	0.847	"	"	"	ACN	"	"	
Nickel	3.35	0.847	"	"	"	ACN	"	"	

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 - Diggin State D16-23

WH01@6


7/29/2024 12:00:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory
Y407828-01 (Soil)

Table 915 metals by EPA 6020B

Selenium	ND	0.220	mg/kg	10	B4G3126	ACN	07/31/2024	08/02/2024	Ua
Silver	ND	0.0847	"	"	"	ACN	"	"	Ua
Zinc	ND	31.3	"	"	"	ACN	"	"	Ua
Total Metals 7196A									
Hexavalent Chromium	ND	0.290	mg/kg dry	1	2663565	HH2	08/28/2024	08/30/2024	U

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 - Diggin State D16-23

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 B4G3128 - EPA 5030 (soil)

Blank (B4G3128-BLK1)

Prepared: 07/31/2024 Analyzed: 08/01/2024

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	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		106	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		112	70-130			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3128 - EPA 5030 (soil)

LCS (B4G3128-BS1)

Prepared: 07/31/2024 Analyzed: 08/01/2024

1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100	101	70-130				
1,3,5-Trimethylbenzene	0.0981	0.00200	"	0.100	98.1	70-130				
Benzene	0.0943	0.00200	"	0.100	94.3	70-130				
Ethylbenzene	0.108	0.00200	"	0.100	108	70-130				
Naphthalene	0.115	0.00380	"	0.100	115	70-130				
Toluene	0.0984	0.00200	"	0.100	98.4	70-130				
o-Xylene	0.108	0.00200	"	0.100	108	70-130				
m,p-Xylene	0.216	0.00400	"	0.200	108	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	102	70-130				
Surrogate: Toluene-d8	0.12		"	0.125	98.9	70-130				
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	108	70-130				

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3128 - EPA 5030 (soil)

Matrix Spike (B4G3128-MS1)

Source: Y407789-01

Prepared: 07/31/2024 Analyzed: 08/01/2024

1,2,4-Trimethylbenzene	0.0883	0.00200	mg/kg	0.100	ND	88.3	70-130			
1,3,5-Trimethylbenzene	0.0872	0.00200	"	0.100	ND	87.2	70-130			
Benzene	0.0841	0.00200	"	0.100	ND	84.1	70-130			
Ethylbenzene	0.0993	0.00200	"	0.100	ND	99.3	70-130			
Naphthalene	0.0886	0.00380	"	0.100	ND	88.6	70-130			
Toluene	0.0892	0.00200	"	0.100	ND	89.2	70-130			
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130			
m,p-Xylene	0.199	0.00400	"	0.200	ND	99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		111	70-130			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3128 - EPA 5030 (soil)

Matrix Spike Dup (B4G3128-MSD1)

Source: Y407789-01

Prepared: 07/31/2024 Analyzed: 08/01/2024

1,2,4-Trimethylbenzene	0.0916	0.00200	mg/kg	0.100	ND	91.6	70-130	3.76	20	
1,3,5-Trimethylbenzene	0.0902	0.00200	"	0.100	ND	90.2	70-130	3.29	20	
Benzene	0.0912	0.00200	"	0.100	ND	91.2	70-130	8.15	20	
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130	7.35	20	
Naphthalene	0.0874	0.00380	"	0.100	ND	87.4	70-130	1.36	20	
Toluene	0.0976	0.00200	"	0.100	ND	97.6	70-130	8.99	20	
o-Xylene	0.107	0.00200	"	0.100	ND	107	70-130	6.26	20	
m,p-Xylene	0.213	0.00400	"	0.200	ND	106	70-130	6.46	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		111	70-130			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3134 - EPA 3550B

Blank (B4G3134-BLK1)

Prepared: 07/31/2024 Analyzed: 08/01/2024

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	21		"	24.9		82.9	50-150			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3134 - EPA 3550B

LCS (B4G3134-BS1)

Prepared: 07/31/2024 Analyzed: 08/01/2024

Diesel (C10-C28)	1100	50.0	mg/kg	1000	110	70-130				
Residual Range Organics (C28-C40)	1240	200	"	1000	124	70-130				
Surrogate: o-Terphenyl	55		"	49.8	110	50-150				

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3134 - EPA 3550B

Matrix Spike (B4G3134-MS1)

Source: Y407824-01

Prepared: 07/31/2024 Analyzed: 08/01/2024

Diesel (C10-C28)	1190	50.0	mg/kg	1000	166	102	70-130			
Residual Range Organics (C28-C40)	1270	200	"	1000	60.6	121	70-130			
Surrogate: o-Terphenyl	54		"	49.8		109	50-150			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3134 - EPA 3550B

Matrix Spike Dup (B4G3134-MSD1)

Source: Y407824-01

Prepared: 07/31/2024 Analyzed: 08/01/2024

Diesel (C10-C28)	1120	50.0	mg/kg	1000	166	95.2	70-130	6.06	35	
Residual Range Organics (C28-C40)	1260	200	"	1000	60.6	120	70-130	0.105	35	
Surrogate: o-Terphenyl	71		"	49.8		143	50-150			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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 B4G3126 - EPA 3050B

Blank (B4G3126-BLK1)

Prepared: 07/31/2024 Analyzed: 08/02/2024

Arsenic	ND	0.290	mg/kg							Ua
Barium	ND	10.0	"							Ua

LCS (B4G3126-BS1)

Prepared: 07/31/2024 Analyzed: 08/02/2024

Arsenic	5.11	0.290	mg/kg	5.00		102	80-120			
Barium	507	10.0	"	500		101	80-120			

Matrix Spike (B4G3126-MS1)

Source: Y407828-01

Prepared: 07/31/2024 Analyzed: 08/02/2024

Arsenic	6.29	0.274	mg/kg	4.73	1.54	100	75-125			
Barium	541	9.46	"	473	35.7	107	75-125			

Matrix Spike Dup (B4G3126-MSD1)

Source: Y407828-01

Prepared: 07/31/2024 Analyzed: 08/02/2024

Arsenic	6.33	0.276	mg/kg	4.76	1.54	101	75-125	0.727	20	
Barium	532	9.51	"	476	35.7	104	75-125	1.79	20	

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4H0132 - EPA 3580

Blank (B4H0132-BLK1)

Prepared: 08/01/2024 Analyzed: 08/02/2024

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	200		ug/kg	200		99.2	60-130			
Surrogate: Anthracene-d10	200		"	200		98.0	60-130			
Surrogate: Pyrene-d10	210		"	200		104	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.0	60-130			

LCS (B4H0132-BS1)

Prepared: 08/01/2024 Analyzed: 08/02/2024

1-Methylnaphthalene	0.171	0.002	mg/kg	0.200		85.4	70-130			
2-Methylnaphthalene	0.170	0.002	"	0.200		84.9	70-130			
Acenaphthene	0.177	0.020	"	0.200		88.5	70-130			
Anthracene	0.168	0.020	"	0.200		83.9	70-130			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4H0132 - EPA 3580

LCS (B4H0132-BS1)

Prepared: 08/01/2024 Analyzed: 08/02/2024

Benzo (a) anthracene	0.174	0.005	mg/kg	0.200		87.0	70-130			
Benzo (a) pyrene	0.207	0.020	"	0.200		104	70-130			
Benzo (b) fluoranthene	0.193	0.020	"	0.200		96.4	70-130			
Benzo (g,h,i) perylene	0.177	0.020	"	0.200		88.4	70-130			
Benzo (k) fluoranthene	0.203	0.020	"	0.200		101	70-130			
Chrysene	0.177	0.020	"	0.200		88.4	70-130			
Dibenz (a,h) anthracene	0.164	0.020	"	0.200		82.2	70-130			
Fluoranthene	0.177	0.020	"	0.200		88.7	70-130			
Fluorene	0.176	0.020	"	0.200		87.8	70-130			
Indeno (1,2,3-cd) pyrene	0.181	0.020	"	0.200		90.3	70-130			
Naphthalene	0.174	0.002	"	0.200		86.9	70-130			
Phenanthrene	0.170	0.020	"	0.200		85.1	70-130			
Pyrene	0.180	0.020	"	0.200		90.2	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.0	60-130			
Surrogate: Anthracene-d10	200		"	200		97.7	60-130			
Surrogate: Pyrene-d10	200		"	200		99.3	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Matrix Spike (B4H0132-MS1)

Source: Y407791-02

Prepared: 08/01/2024 Analyzed: 08/02/2024

1-Methylnaphthalene	0.182	0.002	mg/kg	0.200	0.0004	91.0	70-130			
2-Methylnaphthalene	0.181	0.002	"	0.200	ND	90.3	70-130			
Acenaphthene	0.185	0.020	"	0.200	ND	92.6	70-130			
Anthracene	0.175	0.020	"	0.200	0.0005	87.3	70-130			
Benzo (a) anthracene	0.181	0.005	"	0.200	0.0007	90.0	70-130			
Benzo (a) pyrene	0.197	0.020	"	0.200	0.003	96.6	70-130			
Benzo (b) fluoranthene	0.197	0.020	"	0.200	0.0007	98.1	70-130			
Benzo (g,h,i) perylene	0.178	0.020	"	0.200	ND	88.8	70-130			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4H0132 - EPA 3580

Matrix Spike (B4H0132-MS1)

Source: Y407791-02

Prepared: 08/01/2024 Analyzed: 08/02/2024

Benzo (k) fluoranthene	0.202	0.020	mg/kg	0.200	ND	101	70-130			
Chrysene	0.182	0.020	"	0.200	0.001	90.4	70-130			
Dibenz (a,h) anthracene	0.175	0.020	"	0.200	ND	87.7	70-130			
Fluoranthene	0.181	0.020	"	0.200	0.0004	90.1	70-130			
Fluorene	0.184	0.020	"	0.200	ND	91.9	70-130			
Indeno (1,2,3-cd) pyrene	0.178	0.020	"	0.200	0.001	88.3	70-130			
Naphthalene	0.188	0.002	"	0.200	ND	94.1	70-130			
Phenanthrene	0.178	0.020	"	0.200	ND	88.9	70-130			
Pyrene	0.187	0.020	"	0.200	ND	93.5	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		97.7	60-130			
Surrogate: Anthracene-d10	200		"	200		98.3	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.5	60-130			

Matrix Spike Dup (B4H0132-MSD1)

Source: Y407791-02

Prepared: 08/01/2024 Analyzed: 08/02/2024

1-Methylnaphthalene	0.186	0.002	mg/kg	0.200	0.0004	92.7	70-130	1.81	20	
2-Methylnaphthalene	0.186	0.002	"	0.200	ND	93.1	70-130	3.08	20	
Acenaphthene	0.191	0.020	"	0.200	ND	95.7	70-130	3.34	20	
Anthracene	0.175	0.020	"	0.200	0.0005	87.3	70-130	0.0271	20	
Benzo (a) anthracene	0.182	0.005	"	0.200	0.0007	90.8	70-130	0.890	20	
Benzo (a) pyrene	0.199	0.020	"	0.200	0.003	97.9	70-130	1.28	20	
Benzo (b) fluoranthene	0.196	0.020	"	0.200	0.0007	97.5	70-130	0.609	20	
Benzo (g,h,i) perylene	0.180	0.020	"	0.200	ND	90.2	70-130	1.58	20	
Benzo (k) fluoranthene	0.201	0.020	"	0.200	ND	101	70-130	0.184	20	
Chrysene	0.198	0.020	"	0.200	0.001	98.6	70-130	8.54	20	
Dibenz (a,h) anthracene	0.178	0.020	"	0.200	ND	89.1	70-130	1.57	20	
Fluoranthene	0.187	0.020	"	0.200	0.0004	93.4	70-130	3.57	20	

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4H0132 - EPA 3580

Matrix Spike Dup (B4H0132-MSD1)

Source: Y407791-02

Prepared: 08/01/2024 Analyzed: 08/02/2024

Fluorene	0.188	0.020	mg/kg	0.200	ND	93.9	70-130	2.14	20	
Indeno (1,2,3-cd) pyrene	0.169	0.020	"	0.200	0.001	83.9	70-130	5.13	20	
Naphthalene	0.189	0.002	"	0.200	ND	94.5	70-130	0.450	20	
Phenanthrene	0.183	0.020	"	0.200	ND	91.6	70-130	3.04	20	
Pyrene	0.195	0.020	"	0.200	ND	97.5	70-130	4.13	20	
Surrogate: Fluorene-d10	200		ug/kg	200		98.2	60-130			
Surrogate: Anthracene-d10	190		"	200		96.9	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.1	60-130			

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

Classical Chemistry Parameters - Quality Control Origins Laboratory

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

Batch B4H0109 - Saturated Paste Metals

Blank (B4H0109-BLK1)

Prepared: 08/01/2024 Analyzed: 08/02/2024

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

Duplicate (B4H0109-DUP1)

Source: Y407793-01

Prepared: 08/01/2024 Analyzed: 08/02/2024

Calcium PPM	20.6	10.0	mg/L		20.6			0.0970	50	
SAR	ND	0.0100	SAR		12.6				200	Ua
Magnesium PPM	40.5	10.0	mg/L		37.7			7.09	50	
Sodium PPM	462	10.0	"		416			10.6	50	

Batch B4H0116 - DTPA Sorbitol Preparation

Blank (B4H0116-BLK1)

Prepared: 08/01/2024 Analyzed: 08/02/2024

Boron	ND	0.100	mg/L							Ua
-------	----	-------	------	--	--	--	--	--	--	----

Duplicate (B4H0116-DUP1)

Source: Y407827-01

Prepared: 08/01/2024 Analyzed: 08/02/2024

Boron	0.154	0.0994	mg/L		0.299			64.1	50	QR-DUP
-------	-------	--------	------	--	-------	--	--	------	----	--------

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

Saturated Paste - Quality Control
Origins Laboratory

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

Batch B4H0121 - Saturated Paste pH/EC

Blank (B4H0121-BLK1)

Prepared: 08/01/2024 Analyzed: 08/02/2024

pH	0.00		pH Units							Ua
Specific Conductance (EC)	ND	0.00500	mmhos/cm							Ua

Duplicate (B4H0121-DUP1)

Source: Y407793-01

Prepared: 08/01/2024 Analyzed: 08/02/2024

pH	8.74		pH Units		8.76			0.229	25	
Specific Conductance (EC)	2.20	0.00500	mmhos/cm		2.06			6.81	25	

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 Veryser
 Project Number: [none]
 Project: Chevron - Diggin State D16-23

Total Metals 7196A - Quality Control
GEL Laboratories, LLC

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

Batch 2663565 - SW846 3060A

BLANK (1205836638-BLK)

Prepared: 08/28/2024 Analyzed: 08/30/2024

Hexavalent Chromium	ND	0.246	mg/kg							U
---------------------	----	-------	-------	--	--	--	--	--	--	---

LCS (1205836639-BKS)

Prepared: 08/28/2024 Analyzed: 08/30/2024

Hexavalent Chromium	3.03	0.302	mg/kg	3.02	100		80-120			
---------------------	------	-------	-------	------	-----	--	--------	--	--	--

DUP (1205836640 D)

Source: 678373001

Prepared: 08/28/2024 Analyzed: 08/30/2024

Hexavalent Chromium	ND	0.269	mg/kg dry		<0.108		0-50	N/A	50	U
---------------------	----	-------	-----------	--	--------	--	------	-----	----	---

MS (1205836641 S)

Source: 678373001

Prepared: 08/28/2024 Analyzed: 08/30/2024

Hexavalent Chromium	1.25	0.269	mg/kg dry	2.69	<0.108	44.9	75-125			
---------------------	------	-------	-----------	------	--------	------	--------	--	--	--

ILCS (1205836644-ILCS)

Prepared: 08/28/2024 Analyzed: 08/30/2024

Hexavalent Chromium	5.84	0.273	mg/kg	5.56	105		80-120			
---------------------	------	-------	-------	------	-----	--	--------	--	--	--

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 Veryser
Project Number: [none]
Project: Chevron - Diggin State D16-23

Notes and Definitions

- Ua Sample is Non-Detect.
 - U Result not detected above the detection limit
 - QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported at a wet weight basis.

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