



**Entrada Consulting Group**

**Chelsea Veryser**

**330 Grand Ave. Unit C**

**Grand Junction CO 81501**

**June 09, 2025**

**Project Name - Chevron - Todd 20-02**

**Project Number - [none]**

Attached are your analytical results for Chevron - Todd 20-02 received by Origins Laboratory May 22, 2025. This project is associated with Origins project number E5E0803-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory  
303.433.1322  
projectmanager@originslab.com





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

Chelsea Verysen  
Project Number: [none]  
Project: Chevron - Todd 20-02

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6.5	E5E0803-01	Soil	May 22, 2025 11:10	05/22/2025 13:01

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.

# ORIGINS LABORATORY

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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

cc: robert@chevron.com **ESF0803**



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

Project Manager: Chelsea Verysen  
 Project Name: Todd 20-02

Telephone Number: 904-513-0707  
 Email Address: chevronfr@entradainc.com

Collected By: Ben Beuch  
 Invoice/Billing Info: Dusty Smith

Page 1 of 1

Key:  
 W=Water  
 GW=Groundwater  
 SW=Surface Water  
 WW=Waste Water  
 L=Liquid

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

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis	Comments
1	WH065	5/27/25	1110	2	S	N		
2								
3								
4								
5								
6								
7								
8								
9								
10								

Requisitioned By: [Signature] Date: 5/27/25 Time: 1310

Received By: gmc Date: 5/27/25 Time: 1301

Requisitioned By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Turnaround Time:  SAME DAY  24 Hr  48 Hr  72 Hr

Standard

Temp Received - 0.3 Received On Ice?  Yes  No

Submitted on ice \*

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.

# ORIGINS LABORATORY

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

Chelsea Verysen  
Project Number: [none]  
Project: Chevron - Todd 20-02

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: ESEC

Client: Entrada

Client Project ID: Todd 20-02

Checklist Completed by: SLM / NB

Shipped Via: TD

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

Date/time completed: 05/22/25

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 03 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C

Thermometer ID: FOC1

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> ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact <sup>(1)</sup> ?	X			
Was adequate sample volume provided <sup>(1)</sup> ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?			X	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	X			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	X			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	X			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)(pH <2 for samples preserved with HNO3, HCl, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			X	
Additional Comments (if any):				

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

Reviewed by (Project Manager)

05/23/25  
Date/Time Reviewed

Origins Laboratory

*EHO*

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 - Todd 20-02

**WH01@6.5**

**5/22/2025 11:10:00AM**

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

**E5E0803-01 (Soil)  
 Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.118		0.0993	mg/L	1	B5E2310	05/23/2025	05/28/2025	
-------	-------	--	--------	------	---	---------	------------	------------	--

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E2374	05/23/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	75.2 %				50-150	"	"	"	
------------------------	--------	--	--	--	--------	---	---	---	--

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E2241	05/22/2025	05/23/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

**Metals by Saturated Paste by EPA 6010**

Calcium	1.02		0.499	meq/L	10	[CALC]	06/02/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	

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 Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

WH01@6.5

5/22/2025 11:10:00AM

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

**E5E0803-01 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Sodium	0.585		0.435	meq/L	10	[CALC]	06/02/2025	06/04/2025	
--------	-------	--	-------	-------	----	--------	------------	------------	--

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

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E2365	05/23/2025	05/29/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	102 %				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.



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

Chelsea Veryser  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**WH01@6.5**

**5/22/2025 11:10:00AM**

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

**E5E0803-01 (Soil)  
 Origins Laboratory**

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

Surrogate: Anthracene-d10	102 %			60-130		B5E2365	05/23/2025	05/29/2025	
Surrogate: Pyrene-d10	114 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	112 %			60-130		"	"	"	

**pH in Soil by 9045D**

pH	8.36			pH Units	1	B5F0213	06/02/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

**SAR by 20B Saturated Paste**

SAR	0.678		0.0100	SAR	1	B5F0208	06/02/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.228		0.00500	mmhos/cm	1	B5F0213	06/02/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

**Table 915 metals by EPA 6020B**

Arsenic	1.67		0.255	mg/kg	10	B5E2379	05/23/2025	05/27/2025	
Barium	ND		72.1	"	"	"	"	"	
Cadmium	ND		0.334	"	"	"	"	"	
Copper	ND		40.5	"	"	"	"	"	
Lead	ND		12.3	"	"	"	"	"	
Nickel	ND		22.9	"	"	"	"	"	

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 - Todd 20-02

**WH01@6.5**

**5/22/2025 11:10:00AM**

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

**E5E0803-01 (Soil)  
 Origins Laboratory**

**Table 915 metals by EPA 6020B**

Selenium	ND		0.229	mg/kg	10	B5E2379	05/23/2025	05/27/2025	
Silver	ND		0.704	"	"	"	"	"	
Zinc	ND		325	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A103185	05/22/2025	05/30/2025	
----------------------	----	-----	-----	-------	---	---------	------------	------------	--

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 - Todd 20-02

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

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

**Batch B5E2310 - DTPA Sorbitol Preparation**

**Blank (B5E2310-BLK1)**

Prepared: 05/23/2025 Analyzed: 05/28/2025

Boron ND 0.100 mg/L

**Duplicate (B5E2310-DUP1)**

**Source: E5E0802-04**

Prepared: 05/23/2025 Analyzed: 05/28/2025

Boron ND 0.0996 mg/L

0.0621 50

**Batch B5F0208 - Saturated Paste Metals**

**Blank (B5F0208-BLK1)**

Prepared: 06/02/2025 Analyzed: 06/04/2025

SAR ND 0.0100 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

**Duplicate (B5F0208-DUP1)**

**Source: E5E0762-16**

Prepared: 06/02/2025 Analyzed: 06/04/2025

Calcium PPM 21.0 10.0 mg/L

23.1 9.43 50

SAR ND 0.0100 SAR

2.08 200

Magnesium PPM 3.91 10.0 mg/L

4.25 8.33 50

Sodium PPM 40.1 10.0 "

41.4 3.22 50

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 Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2365 - EPA 3580**

**Blank (B5E2365-BLK1)**

Prepared: 05/23/2025 Analyzed: 05/29/2025

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

Surrogate: Fluorene-d10	200		ug/kg	200	101	60-130
Surrogate: Anthracene-d10	210		"	200	104	60-130
Surrogate: Pyrene-d10	230		"	200	114	60-130
Surrogate: Benzo (a) pyrene-d12	220		"	200	112	60-130

**LCS (B5E2365-BS1)**

Prepared: 05/23/2025 Analyzed: 05/29/2025

1-Methylnaphthalene	0.203	0.002	mg/kg	0.200	101	70-130
2-Methylnaphthalene	0.201	0.002	"	0.200	101	70-130
Acenaphthene	0.240	0.020	"	0.200	120	70-130
Anthracene	0.245	0.020	"	0.200	123	70-130
Benzo (a) anthracene	0.257	0.005	"	0.200	129	70-130
Benzo (a) pyrene	0.257	0.020	"	0.200	128	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.



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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2365 - EPA 3580**

**LCS (B5E2365-BS1)**

Prepared: 05/23/2025 Analyzed: 05/29/2025

Benzo (b) fluoranthene	0.238	0.020	mg/kg	0.200		119	70-130			
Benzo (k) fluoranthene	0.239	0.020	"	0.200		119	70-130			
Chrysene	0.235	0.020	"	0.200		117	70-130			
Dibenz (a,h) anthracene	0.245	0.020	"	0.200		122	70-130			
Fluoranthene	0.256	0.020	"	0.200		128	70-130			
Fluorene	0.212	0.020	"	0.200		106	70-130			
Indeno (1,2,3-cd) pyrene	0.248	0.020	"	0.200		124	70-130			
Naphthalene	0.211	0.002	"	0.200		105	70-130			
Pyrene	0.260	0.020	"	0.200		130	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	220		"	200		109	60-130			
Surrogate: Pyrene-d10	230		"	200		113	60-130			
Surrogate: Benzo (a) pyrene-d12	230		"	200		114	60-130			

**Matrix Spike (B5E2365-MS1)**

Source: E5E0792-01

Prepared: 05/23/2025 Analyzed: 05/29/2025

1-Methylnaphthalene	0.205	0.002	mg/kg	0.200	ND	102	70-130			
2-Methylnaphthalene	0.198	0.002	"	0.200	ND	99.0	70-130			
Acenaphthene	0.236	0.020	"	0.200	0.002	117	70-130			
Anthracene	0.221	0.020	"	0.200	0.0005	110	70-130			
Benzo (a) anthracene	0.243	0.005	"	0.200	0.001	121	70-130			
Benzo (a) pyrene	0.257	0.020	"	0.200	0.001	128	70-130			
Benzo (b) fluoranthene	0.239	0.020	"	0.200	0.001	119	70-130			
Benzo (k) fluoranthene	0.238	0.020	"	0.200	0.001	118	70-130			
Chrysene	0.231	0.020	"	0.200	0.001	115	70-130			
Dibenz (a,h) anthracene	0.240	0.020	"	0.200	0.002	119	70-130			
Fluoranthene	0.256	0.020	"	0.200	0.0006	128	70-130			
Fluorene	0.207	0.020	"	0.200	0.0004	104	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.



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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2365 - EPA 3580**

**Matrix Spike (B5E2365-MS1)**

**Source: E5E0792-01**

Prepared: 05/23/2025 Analyzed: 05/29/2025

Indeno (1,2,3-cd) pyrene	0.255	0.020	mg/kg	0.200	0.002	126	70-130			
Naphthalene	0.208	0.002	"	0.200	ND	104	70-130			
Pyrene	0.258	0.020	"	0.200	0.0008	129	70-130			

Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	230		"	200		113	60-130			
Surrogate: Benzo (a) pyrene-d12	220		"	200		112	60-130			

**Matrix Spike Dup (B5E2365-MSD1)**

**Source: E5E0792-01**

Prepared: 05/23/2025 Analyzed: 05/29/2025

1-Methylnaphthalene	0.203	0.002	mg/kg	0.200	ND	101	70-130	0.830	20	
2-Methylnaphthalene	0.200	0.002	"	0.200	ND	100	70-130	0.987	20	
Acenaphthene	0.237	0.020	"	0.200	0.002	118	70-130	0.528	20	
Anthracene	0.219	0.020	"	0.200	0.0005	109	70-130	1.03	20	
Benzo (a) anthracene	0.247	0.005	"	0.200	0.001	123	70-130	1.81	20	
Benzo (a) pyrene	0.251	0.020	"	0.200	0.001	125	70-130	2.13	20	
Benzo (b) fluoranthene	0.235	0.020	"	0.200	0.001	117	70-130	1.94	20	
Benzo (k) fluoranthene	0.232	0.020	"	0.200	0.001	116	70-130	2.25	20	
Chrysene	0.242	0.020	"	0.200	0.001	120	70-130	4.72	20	
Dibenz (a,h) anthracene	0.240	0.020	"	0.200	0.002	119	70-130	0.203	20	
Fluoranthene	0.259	0.020	"	0.200	0.0006	129	70-130	0.835	20	
Fluorene	0.208	0.020	"	0.200	0.0004	104	70-130	0.471	20	
Indeno (1,2,3-cd) pyrene	0.257	0.020	"	0.200	0.002	127	70-130	0.675	20	
Naphthalene	0.209	0.002	"	0.200	ND	104	70-130	0.339	20	
Pyrene	0.255	0.020	"	0.200	0.0008	127	70-130	1.12	20	

Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	230		"	200		113	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.



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

Chelsea Verysen  
Project Number: [none]  
Project: Chevron - Todd 20-02

**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 B5E2365 - EPA 3580

Matrix Spike Dup (B5E2365-MSD1)

Source: E5E0792-01

Prepared: 05/23/2025 Analyzed: 05/29/2025

Surrogate: Benzo (a) pyrene-d12	230		ug/kg	200	113		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.



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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2374 - EPA 3550B</b>										
<b>Blank (B5E2374-BLK1)</b> Prepared: 05/23/2025 Analyzed: 05/29/2025										
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	20		"	24.9		79.0	50-150			
<b>LCS (B5E2374-BS1)</b> Prepared: 05/23/2025 Analyzed: 05/29/2025										
Diesel (C10-C28)	469	25.0	mg/kg	500		93.8	70-130			
Residual Range Organics (C28-C40)	500	100	"	500		100	70-130			
Surrogate: o-Terphenyl	22		"	24.9		89.9	50-150			
<b>Matrix Spike (B5E2374-MS1)</b> Source: E5E0765-01 Prepared: 05/23/2025 Analyzed: 05/29/2025										
Diesel (C10-C28)	427	25.0	mg/kg	500	31.4	79.2	70-130			
Residual Range Organics (C28-C40)	533	100	"	500	225	61.6	70-130			QR-02
Surrogate: o-Terphenyl	23		"	24.9		92.5	50-150			
<b>Matrix Spike Dup (B5E2374-MSD1)</b> Source: E5E0765-01 Prepared: 05/23/2025 Analyzed: 05/29/2025										
Diesel (C10-C28)	470	25.0	mg/kg	500	31.4	87.8	70-130	9.55	35	
Residual Range Organics (C28-C40)	563	100	"	500	225	67.6	70-130	5.41	35	QR-02
Surrogate: o-Terphenyl	23		"	24.9		90.8	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.



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

Chelsea Veryser  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2379 - EPA 3050B**

Prepared: 05/23/2025 Analyzed: 05/27/2025

**Blank (B5E2379-BLK1)**

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

**LCS (B5E2379-BS1)**

Prepared: 05/23/2025 Analyzed: 05/27/2025

Arsenic	5.06	0.290	mg/kg	5.00		101	80-120			
Barium	503	82.0	"	500		101	80-120			
Cadmium	5.24	0.380	"	5.00		105	80-120			
Copper	49.4	46.0	"	50.0		98.9	80-120			
Lead	5.11	14.0	"	5.00		102	80-120			
Nickel	4.96	26.0	"	5.00		99.1	80-120			
Selenium	5.29	0.260	"	5.00		106	80-120			
Silver	5.38	0.800	"	5.00		108	80-120			
Zinc	51.3	370	"	50.0		103	80-120			

**Matrix Spike (B5E2379-MS1)**

Source: E5E0802-02

Prepared: 05/23/2025 Analyzed: 05/27/2025

Arsenic	7.36	0.261	mg/kg	4.49	3.20	92.6	75-125			
Barium	534	73.7	"	449	76.1	102	75-125			
Cadmium	5.21	0.342	"	4.49	0.314	109	75-125			
Copper	59.6	41.4	"	44.9	12.0	106	75-125			
Lead	16.4	12.6	"	4.49	13.3	69.2	75-125			QM-07

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 Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2379 - EPA 3050B**

**Matrix Spike (B5E2379-MS1)**

**Source: E5E0802-02**

Prepared: 05/23/2025 Analyzed: 05/27/2025

Nickel	11.6	23.4	mg/kg	4.49	7.45	93.1	75-125			
Selenium	4.98	0.234	"	4.49	0.113	108	75-125			
Silver	5.11	0.719	"	4.49	0.153	110	75-125			
Zinc	116	333	"	44.9	79.7	80.1	75-125			

**Matrix Spike Dup (B5E2379-MSD1)**

**Source: E5E0802-02**

Prepared: 05/23/2025 Analyzed: 05/27/2025

Arsenic	7.34	0.269	mg/kg	4.64	3.20	89.4	75-125	0.225	20	
Barium	549	76.1	"	464	76.1	102	75-125	2.68	20	
Cadmium	5.18	0.353	"	4.64	0.314	105	75-125	0.588	20	
Copper	60.0	42.7	"	46.4	12.0	103	75-125	0.549	20	
Lead	16.8	13.0	"	4.64	13.3	74.6	75-125	2.11	20	QM-07
Nickel	11.6	24.1	"	4.64	7.45	89.2	75-125	0.389	20	
Selenium	4.73	0.241	"	4.64	0.113	99.5	75-125	5.25	20	
Silver	5.19	0.742	"	4.64	0.153	109	75-125	1.58	20	
Zinc	129	343	"	46.4	79.7	106	75-125	10.9	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.



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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

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

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

**Batch B5F0213 - Saturated Paste pH/EC**

**Blank (B5F0213-BLK1)**

Prepared: 06/02/2025 Analyzed: 06/03/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B5F0213-DUP1)**

**Source: E5E0762-16**

Prepared: 06/02/2025 Analyzed: 06/03/2025

pH 8.47 pH Units 8.39 0.949 25

Specific Conductance (EC) 0.347 0.00500 mmhos/cm 0.374 7.30 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.*



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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2241 - EPA 5030 (soil)**

**Blank (B5E2241-BLK1)**

Prepared: 05/22/2025 Analyzed: 05/22/2025

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
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	103	70-130
Surrogate: Toluene-d8	0.13		"	0.125	100	70-130
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	94.7	70-130

**LCS (B5E2241-BS1)**

Prepared: 05/22/2025 Analyzed: 05/22/2025

1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100	109	70-130
1,3,5-Trimethylbenzene	0.111	0.00200	"	0.100	111	70-130
Benzene	0.103	0.00200	"	0.100	103	70-130
Ethylbenzene	0.111	0.00200	"	0.100	111	70-130
Toluene	0.102	0.00200	"	0.100	102	70-130
o-Xylene	0.110	0.00200	"	0.100	110	70-130
m,p-Xylene	0.227	0.00400	"	0.200	113	70-130
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	99.0	70-130
Surrogate: Toluene-d8	0.12		"	0.125	99.0	70-130
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	103	70-130

**Matrix Spike (B5E2241-MS1)**

**Source: E5E0789-13**

Prepared: 05/22/2025 Analyzed: 05/22/2025

1,2,4-Trimethylbenzene	0.0946	0.00200	mg/kg	0.100	ND	94.6	70-130
1,3,5-Trimethylbenzene	0.0957	0.00200	"	0.100	ND	95.7	70-130
Benzene	0.0850	0.00200	"	0.100	ND	85.0	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.



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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

**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 B5E2241 - EPA 5030 (soil)**

<b>Matrix Spike (B5E2241-MS1)</b>		<b>Source: E5E0789-13</b>			<b>Prepared: 05/22/2025 Analyzed: 05/22/2025</b>					
Ethylbenzene	0.0944	0.00200	mg/kg	0.100	ND	94.4	70-130			
Toluene	0.0871	0.00200	"	0.100	ND	87.1	70-130			
o-Xylene	0.0945	0.00200	"	0.100	ND	94.5	70-130			
m,p-Xylene	0.193	0.00400	"	0.200	ND	96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

<b>Matrix Spike Dup (B5E2241-MSD1)</b>		<b>Source: E5E0789-13</b>			<b>Prepared: 05/22/2025 Analyzed: 05/22/2025</b>					
1,2,4-Trimethylbenzene	0.0952	0.00200	mg/kg	0.100	ND	95.2	70-130	0.590	20	
1,3,5-Trimethylbenzene	0.0965	0.00200	"	0.100	ND	96.5	70-130	0.791	20	
Benzene	0.0875	0.00200	"	0.100	ND	87.5	70-130	2.90	20	
Ethylbenzene	0.0950	0.00200	"	0.100	ND	95.0	70-130	0.613	20	
Toluene	0.0878	0.00200	"	0.100	ND	87.8	70-130	0.801	20	
o-Xylene	0.0956	0.00200	"	0.100	ND	95.6	70-130	1.24	20	
m,p-Xylene	0.194	0.00400	"	0.200	ND	97.0	70-130	0.579	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	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.



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

Chelsea Verysen  
 Project Number: [none]  
 Project: Chevron - Todd 20-02

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

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

**Batch A103185 -**

<b>DUP (L 81270-DUP)</b>		<b>Source: 81270</b>			Prepared: Analyzed: 05/30/2025					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0.1	20	
<b>MS (L 81270-MS)</b>		<b>Source: 81270</b>			Prepared: Analyzed: 05/30/2025					
Chromium, Hexavalent	6.04	0.5	mg/Kg	7.85	<0.244	77	75-125			
<b>DUP (L 81318-DUP)</b>		<b>Source: 81318</b>			Prepared: Analyzed: 05/30/2025					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
<b>LCS (LCS)</b>					Prepared: Analyzed: 05/30/2025					
Chromium, Hexavalent	7.14	0.5	mg/Kg	8		89	75-125			
<b>LRB (LRB)</b>					Prepared: Analyzed: 05/30/2025					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

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 - Todd 20-02

### Notes and Definitions

U Sample is Non-Detect.

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.

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.*