



Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

July 24, 2025

Project Name - Chevron - Ocoma C17-15

Project Number - [none]

Attached are your analytical results for Chevron - Ocoma C17-15 received by Origins Laboratory July 02, 2025. This project is associated with Origins project number E5G0079-01.

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 Veryser
Project Number: [none]
Project: Chevron - Ocoma C17-15

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6.5	E5G0079-01	Soil	July 2, 2025 13:00	07/02/2025 14:05

Origins Laboratory

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ORIGINS LABORATORY

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

Chelsea Verysen
Project Number: [none]
Project: Chevron - Ocoma C17-15

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: E300079 Client: Entrada
Client Project ID: Ocoma C17-15
Checklist Completed by: NKM/NKM Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 07/02/25 Airbill #: N/A
Matrix(s) Received: (Check all that apply): Soil/Solid _____ Water _____ Other: _____
Cooler Number/Temperature: 1/29 °C (Describe)
Thermometer ID: T-007

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"/>			
Is there ice present (document if blue ice is used)	<input checked="" 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"/>		
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"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> 1/4 inch bubble) present? If yes, contact client and note in narrative.			<input checked="" 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 NaAcO ₂ +NaOH, ZnAc-NaOH)			<input checked="" 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 in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature]

Date/Time Reviewed 7/3/25

Origins Laboratory

[Signature]

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Entrada Consulting Group
330 Grand Ave. Unit C
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Chelsea Veryser
Project Number: [none]
Project: Chevron - Ocoma C17-15

WH01@6.5

7/2/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5G0079-01 (Soil)									
GEL Laboratories, LLC									
TOTAL METALS BY 7196A									
Hexavalent Chromium	ND	0.137	0.342	mg/kg dry	1	2831582	07/18/2025	07/21/2025	U
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	3.38		0.0999	mg/L	1	B5G0708	07/07/2025	07/08/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5G0701	07/07/2025	07/07/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	104 %				50-150	"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5G0710	07/07/2025	07/07/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua

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Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

WH01@6.5

7/2/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5G0079-01 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B5G0710	07/07/2025	07/07/2025	Ua
Surrogate: 1,2-Dichloroethane-d4	95.7 %			70-130		"	"	"	
Surrogate: Toluene-d8	94.3 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	3.42		0.499	meq/L	10	[CALC]	07/07/2025	07/09/2025	
Magnesium	8.59		0.823	"	"	"	"	"	
Sodium	26.1		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5G0738	07/07/2025	07/08/2025	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua

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Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

WH01@6.5

7/2/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5G0079-01 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg	1	B5G0738	07/07/2025	07/08/2025	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
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	94.4 %				60-130	"	"	"	
Surrogate: Anthracene-d10	101 %				60-130	"	"	"	
Surrogate: Pyrene-d10	103 %				60-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %				60-130	"	"	"	

pH in Soil by 9045D

pH	8.23			pH Units	1	B5G0720	07/07/2025	07/09/2025	
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SAR by 20B Saturated Paste

SAR	10.6		0.0100	SAR	1	B5G0715	07/07/2025	07/09/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.41		0.00500	mmhos/cm	1	B5G0720	07/07/2025	07/09/2025	
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 Project Number: [none]
 Project: Chevron - Ocoma C17-15

WH01@6.5

7/2/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5G0079-01 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	4.63		0.276	mg/kg	10	B5G0735	07/07/2025	07/08/2025	
Barium	78.7		77.9	"	"	"	"	"	
Cadmium	ND		0.361	"	"	"	"	"	
Copper	ND		43.7	"	"	"	"	"	
Lead	ND		13.3	"	"	"	"	"	
Nickel	ND		24.7	"	"	"	"	"	
Selenium	0.330		0.247	"	"	"	"	"	
Silver	ND		0.760	"	"	"	"	"	
Zinc	ND		352	"	"	"	"	"	

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Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0708 - DTPA Sorbitol Preparation

Blank (B5G0708-BLK1)

Prepared: 07/07/2025 Analyzed: 07/08/2025

Boron ND 0.100 mg/L

Duplicate (B5G0708-DUP1)

Source: E5G0070-01

Prepared: 07/07/2025 Analyzed: 07/08/2025

Boron 0.121 0.0996 mg/L 0.115 4.51 50

Batch B5G0715 - Saturated Paste Metals

Blank (B5G0715-BLK1)

Prepared: 07/07/2025 Analyzed: 07/09/2025

SAR ND 0.0100 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

Duplicate (B5G0715-DUP1)

Source: E5G0070-01

Prepared: 07/07/2025 Analyzed: 07/09/2025

Calcium PPM 98.2 10.0 mg/L 84.6 14.8 50

SAR ND 0.0100 SAR 0.986 200

Magnesium PPM 38.1 10.0 mg/L 33.0 14.5 50

Sodium PPM 48.4 10.0 " 42.2 13.5 50

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Chelsea Verysen
 Project Number: [none]
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EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0738 - EPA 3580

Blank (B5G0738-BLK1)

Prepared: 07/07/2025 Analyzed: 07/08/2025

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		102	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.9	60-130			

LCS (B5G0738-BS1)

Prepared: 07/07/2025 Analyzed: 07/08/2025

1-Methylnaphthalene	0.199	0.002	mg/kg	0.200		99.7	70-130			
2-Methylnaphthalene	0.201	0.002	"	0.200		101	70-130			
Acenaphthene	0.207	0.020	"	0.200		103	70-130			
Anthracene	0.212	0.020	"	0.200		106	70-130			

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 Project: Chevron - Ocoma C17-15

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0738 - EPA 3580

LCS (B5G0738-BS1)

Prepared: 07/07/2025 Analyzed: 07/08/2025

Benzo (a) anthracene	0.209	0.005	mg/kg	0.200		105	70-130			
Benzo (a) pyrene	0.205	0.020	"	0.200		103	70-130			
Benzo (b) fluoranthene	0.204	0.020	"	0.200		102	70-130			
Benzo (g,h,i) perylene	0.211	0.020	"	0.200		105	70-130			
Benzo (k) fluoranthene	0.204	0.020	"	0.200		102	70-130			
Chrysene	0.211	0.020	"	0.200		106	70-130			
Dibenz (a,h) anthracene	0.186	0.020	"	0.200		93.1	70-130			
Fluoranthene	0.215	0.020	"	0.200		108	70-130			
Fluorene	0.203	0.020	"	0.200		102	70-130			
Indeno (1,2,3-cd) pyrene	0.197	0.020	"	0.200		98.7	70-130			
Naphthalene	0.203	0.002	"	0.200		102	70-130			
Phenanthrene	0.213	0.020	"	0.200		107	70-130			
Pyrene	0.209	0.020	"	0.200		105	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Matrix Spike (B5G0738-MS1)

Source: E5G0070-01

Prepared: 07/07/2025 Analyzed: 07/08/2025

1-Methylnaphthalene	0.209	0.002	mg/kg	0.200	0.0005	104	70-130			
2-Methylnaphthalene	0.205	0.002	"	0.200	ND	103	70-130			
Acenaphthene	0.216	0.020	"	0.200	ND	108	70-130			
Anthracene	0.219	0.020	"	0.200	ND	110	70-130			
Benzo (a) anthracene	0.214	0.005	"	0.200	0.001	107	70-130			
Benzo (a) pyrene	0.210	0.020	"	0.200	0.002	104	70-130			
Benzo (b) fluoranthene	0.209	0.020	"	0.200	0.0009	104	70-130			
Benzo (g,h,i) perylene	0.215	0.020	"	0.200	0.001	107	70-130			

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Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0738 - EPA 3580

Matrix Spike (B5G0738-MS1)		Source: E5G0070-01			Prepared: 07/07/2025 Analyzed: 07/08/2025					
Benzo (k) fluoranthene	0.207	0.020	mg/kg	0.200	0.001	103	70-130			
Chrysene	0.217	0.020	"	0.200	0.0007	108	70-130			
Dibenz (a,h) anthracene	0.199	0.020	"	0.200	0.003	98.1	70-130			
Fluoranthene	0.221	0.020	"	0.200	0.0007	110	70-130			
Fluorene	0.213	0.020	"	0.200	ND	107	70-130			
Indeno (1,2,3-cd) pyrene	0.203	0.020	"	0.200	0.002	100	70-130			
Naphthalene	0.208	0.002	"	0.200	ND	104	70-130			
Phenanthrene	0.216	0.020	"	0.200	0.002	107	70-130			
Pyrene	0.208	0.020	"	0.200	ND	104	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	210		"	200		104	60-130			
Surrogate: Pyrene-d10	190		"	200		97.1	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Matrix Spike Dup (B5G0738-MSD1)		Source: E5G0070-01			Prepared: 07/07/2025 Analyzed: 07/08/2025					
1-Methylnaphthalene	0.212	0.002	mg/kg	0.200	0.0005	106	70-130	1.36	20	
2-Methylnaphthalene	0.212	0.002	"	0.200	ND	106	70-130	3.05	20	
Acenaphthene	0.220	0.020	"	0.200	ND	110	70-130	1.52	20	
Anthracene	0.220	0.020	"	0.200	ND	110	70-130	0.374	20	
Benzo (a) anthracene	0.214	0.005	"	0.200	0.001	107	70-130	0.169	20	
Benzo (a) pyrene	0.212	0.020	"	0.200	0.002	105	70-130	0.999	20	
Benzo (b) fluoranthene	0.209	0.020	"	0.200	0.0009	104	70-130	0.234	20	
Benzo (g,h,i) perylene	0.219	0.020	"	0.200	0.001	109	70-130	1.84	20	
Benzo (k) fluoranthene	0.207	0.020	"	0.200	0.001	103	70-130	0.340	20	
Chrysene	0.220	0.020	"	0.200	0.0007	110	70-130	1.63	20	
Dibenz (a,h) anthracene	0.204	0.020	"	0.200	0.003	101	70-130	2.68	20	
Fluoranthene	0.217	0.020	"	0.200	0.0007	108	70-130	1.63	20	

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Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0738 - EPA 3580

Matrix Spike Dup (B5G0738-MSD1)

Source: E5G0070-01

Prepared: 07/07/2025 Analyzed: 07/08/2025

Fluorene	0.215	0.020	mg/kg	0.200	ND	107	70-130	0.544	20	
Indeno (1,2,3-cd) pyrene	0.209	0.020	"	0.200	0.002	104	70-130	3.17	20	
Naphthalene	0.211	0.002	"	0.200	ND	106	70-130	1.43	20	
Phenanthrene	0.221	0.020	"	0.200	0.002	109	70-130	2.20	20	
Pyrene	0.208	0.020	"	0.200	ND	104	70-130	0.365	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.9	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	200		"	200		98.9	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

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 Project Number: [none]
 Project: Chevron - Ocoma C17-15

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 B5G0701 - EPA 3550B										
Blank (B5G0701-BLK1)					Prepared: 07/07/2025 Analyzed: 07/07/2025					
Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	29		"	24.9		118	50-150			
LCS (B5G0701-BS1)					Prepared: 07/07/2025 Analyzed: 07/07/2025					
Diesel (C10-C28)	1040	50.0	mg/kg	1000		104	70-130			
Residual Range Organics (C28-C40)	1060	200	"	1000		106	70-130			
Surrogate: o-Terphenyl	59		"	49.8		118	50-150			
Matrix Spike (B5G0701-MS1)					Source: E5G0062-13		Prepared: 07/07/2025 Analyzed: 07/07/2025			
Diesel (C10-C28)	8700	50.0	mg/kg	1000	3400	531	70-130			QM-07
Residual Range Organics (C28-C40)	1300	200	"	1000	52.1	125	70-130			
Surrogate: o-Terphenyl	67		"	49.8		134	50-150			
Matrix Spike Dup (B5G0701-MSD1)					Source: E5G0062-13		Prepared: 07/07/2025 Analyzed: 07/07/2025			
Diesel (C10-C28)	5120	50.0	mg/kg	1000	3400	172	70-130	51.9	35	QM-07
Residual Range Organics (C28-C40)	1010	200	"	1000	52.1	95.7	70-130	25.3	35	
Surrogate: o-Terphenyl	55		"	49.8		110	50-150			

Origins Laboratory

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0735 - EPA 3050B

Prepared: 07/07/2025 Analyzed: 07/08/2025

Blank (B5G0735-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 (B5G0735-BS1)

Prepared: 07/07/2025 Analyzed: 07/08/2025

Arsenic	5.44	0.290	mg/kg	5.00		109	80-120			
Barium	498	82.0	"	500		99.7	80-120			
Cadmium	5.65	0.380	"	5.00		113	80-120			
Copper	50.4	46.0	"	50.0		101	80-120			
Lead	5.33	14.0	"	5.00		107	80-120			
Nickel	5.27	26.0	"	5.00		105	80-120			
Selenium	5.57	0.260	"	5.00		111	80-120			
Silver	5.47	0.800	"	5.00		109	80-120			
Zinc	54.9	370	"	50.0		110	80-120			

Matrix Spike (B5G0735-MS1)

Source: E5G0056-01

Prepared: 07/07/2025 Analyzed: 07/08/2025

Arsenic	7.00	0.256	mg/kg	4.42	3.19	86.3	75-125			
Barium	514	72.4	"	442	78.6	98.6	75-125			
Cadmium	5.27	0.336	"	4.42	0.110	117	75-125			
Copper	51.3	40.6	"	44.2	6.88	101	75-125			
Lead	11.1	12.4	"	4.42	7.71	75.9	75-125			

Origins Laboratory

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0735 - EPA 3050B

Matrix Spike (B5G0735-MS1)

Source: E5G0056-01

Prepared: 07/07/2025 Analyzed: 07/08/2025

Nickel	12.3	23.0	mg/kg	4.42	8.64	82.0	75-125			
Selenium	5.30	0.230	"	4.42	0.407	111	75-125			
Silver	5.10	0.707	"	4.42	0.0351	115	75-125			
Zinc	81.5	327	"	44.2	36.6	102	75-125			

Matrix Spike Dup (B5G0735-MSD1)

Source: E5G0056-01

Prepared: 07/07/2025 Analyzed: 07/08/2025

Arsenic	6.74	0.251	mg/kg	4.33	3.19	82.2	75-125	3.72	20	
Barium	537	70.9	"	433	78.6	106	75-125	4.39	20	
Cadmium	5.22	0.329	"	4.33	0.110	118	75-125	0.930	20	
Copper	53.4	39.8	"	43.3	6.88	108	75-125	4.07	20	
Lead	10.4	12.1	"	4.33	7.71	63.1	75-125	5.80	20	QM-07
Nickel	11.4	22.5	"	4.33	8.64	64.8	75-125	6.91	20	QM-07
Selenium	4.95	0.225	"	4.33	0.407	105	75-125	6.80	20	
Silver	5.08	0.692	"	4.33	0.0351	117	75-125	0.347	20	
Zinc	79.2	320	"	43.3	36.6	98.4	75-125	2.83	20	

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0720 - Saturated Paste pH/EC

Blank (B5G0720-BLK1)

Prepared: 07/07/2025 Analyzed: 07/09/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5G0720-DUP1)

Source: E5G0070-01

Prepared: 07/07/2025 Analyzed: 07/09/2025

Specific Conductance (EC) 0.969 0.00500 mmhos/cm 0.861 11.8 25

pH 8.04 pH Units 8.13 1.11 25

Origins Laboratory

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0710 - EPA 5030 (soil)

Blank (B5G0710-BLK1)

Prepared: 07/07/2025 Analyzed: 07/07/2025

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	0.11		"	0.125		88.8	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.6	70-130			

LCS (B5G0710-BS1)

Prepared: 07/07/2025 Analyzed: 07/07/2025

1,2,4-Trimethylbenzene	0.0913	0.00200	mg/kg	0.100		91.3	70-130			
1,3,5-Trimethylbenzene	0.0888	0.00200	"	0.100		88.8	70-130			
Benzene	0.0972	0.00200	"	0.100		97.2	70-130			
Ethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Naphthalene	0.0897	0.00380	"	0.100		89.7	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
o-Xylene	0.0942	0.00200	"	0.100		94.2	70-130			
m,p-Xylene	0.182	0.00400	"	0.200		91.2	70-130			

Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.0	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.125		116	70-130			

Matrix Spike (B5G0710-MS1)

Source: E5G0070-01

Prepared: 07/07/2025 Analyzed: 07/07/2025

1,2,4-Trimethylbenzene	0.0920	0.00200	mg/kg	0.100	ND	92.0	70-130			
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Origins Laboratory

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5G0710 - EPA 5030 (soil)

Matrix Spike (B5G0710-MS1)		Source: E5G0070-01			Prepared: 07/07/2025 Analyzed: 07/07/2025					
1,3,5-Trimethylbenzene	0.0899	0.00200	mg/kg	0.100	ND	89.9	70-130			
Benzene	0.0964	0.00200	"	0.100	ND	96.4	70-130			
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130			
Naphthalene	0.0917	0.00380	"	0.100	ND	91.7	70-130			
Toluene	0.107	0.00200	"	0.100	ND	107	70-130			
o-Xylene	0.0961	0.00200	"	0.100	ND	96.1	70-130			
m,p-Xylene	0.184	0.00400	"	0.200	ND	92.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.125		120	70-130			

Matrix Spike Dup (B5G0710-MSD1)		Source: E5G0070-01			Prepared: 07/07/2025 Analyzed: 07/07/2025					
1,2,4-Trimethylbenzene	0.0911	0.00200	mg/kg	0.100	ND	91.1	70-130	0.918	20	
1,3,5-Trimethylbenzene	0.0888	0.00200	"	0.100	ND	88.8	70-130	1.16	20	
Benzene	0.0961	0.00200	"	0.100	ND	96.1	70-130	0.332	20	
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130	0.318	20	
Naphthalene	0.0890	0.00380	"	0.100	ND	89.0	70-130	3.01	20	
Toluene	0.107	0.00200	"	0.100	ND	107	70-130	0.466	20	
o-Xylene	0.0937	0.00200	"	0.100	ND	93.7	70-130	2.51	20	
m,p-Xylene	0.182	0.00400	"	0.200	ND	91.0	70-130	1.22	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.125		120	70-130			

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Ocoma C17-15

TOTAL METALS BY 7196A - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2831582 - SW846 3060A										
BLANK (1206172423-BLK)										
					Prepared: 07/18/2025 Analyzed: 07/21/2025					
Hexavalent Chromium	ND	0.361	mg/kg				-			U
LCS (1206172424-BKS)										
					Prepared: 07/18/2025 Analyzed: 07/21/2025					
Hexavalent Chromium	2.66	0.273	mg/kg	2.73		97.5	80-120			
DUP (1206172429 D)										
					Source: 731879001 Prepared: 07/18/2025 Analyzed: 07/21/2025					
Hexavalent Chromium	ND	0.477	mg/kg dry		<0.191		0-50	N/A	50	U
MS (1206172430 S)										
					Source: 731879001 Prepared: 07/18/2025 Analyzed: 07/21/2025					
Hexavalent Chromium	3.91	0.420	mg/kg dry	4.20	<0.168	90.9	75-125			
DUP (1206172431 D)										
					Source: 731879002 Prepared: 07/18/2025 Analyzed: 07/21/2025					
Hexavalent Chromium	ND	0.392	mg/kg dry		<0.157		0-50	N/A	50	U
MS (1206172432 S)										
					Source: 731879002 Prepared: 07/18/2025 Analyzed: 07/21/2025					
Hexavalent Chromium	3.43	0.352	mg/kg dry	3.52	<0.141	95.2	75-125			
ILCS (1206173375-ILCS)										
					Prepared: 07/18/2025 Analyzed: 07/21/2025					
Hexavalent Chromium	7.47	0.394	mg/kg	7.87		94.8	80-120			

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

Chelsea Verysen
Project Number: [none]
Project: Chevron - Ocoma C17-15

Notes and Definitions

- Ua Sample is Non-Detect.
 - U Result not detected above the detection limit
 - QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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