



Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

June 04, 2025

Project Name - Chevron - Stroh H 35-1

Project Number - [none]

Attached are your analytical results for Chevron - Stroh H 35-1 received by Origins Laboratory May 15, 2025. This project is associated with Origins project number E5E0571-01.

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 - Stroh H 35-1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	E5E0571-01	Soil	May 14, 2025 9:00	05/15/2025 17:19
FLR01@4	E5E0571-02	Soil	May 14, 2025 9:05	05/15/2025 17:19

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 - Stroh H 35-1

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: E5E0571

Client: Entrada

Client Project ID: Stroh H 35-1

Checklist Completed by: JAB / SEM

Shipped Via: HD

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

Date/time completed: 5/16/25

Airbill #: N/A

Matrix(s) Received: (Check all that apply): X Soil/Solid

Water

Other:

(Describe)

Cooler Number/Temperature: 1 / 10.3 °C

Thermometer ID: T007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		/		SD
Is there ice present (document if blue ice is used)		/		
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		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 ⁽¹⁾ ?	X			
Was adequate sample volume provided ⁽¹⁾ ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?			X	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	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 ⁽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 O ₂ +NaOH, ZnAc ₂ +NaOH)			X	
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 taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

05/19/25
Date/Time Reviewed

Origins Laboratory

EHO

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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 - Stroh H 35-1

WH01@6

5/14/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0571-01 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.409		0.101	mg/L	1	B5E1913	05/19/2025	05/21/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E1653	05/16/2025	05/20/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	76.0 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E1969	05/19/2025	05/20/2025	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
Surrogate: 1,2-Dichloroethane-d4	121 %			70-130		"	"	"	
Surrogate: Toluene-d8	94.5 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	106 %			70-130		"	"	"	

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 - Stroh H 35-1

WH01@6

5/14/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5E0571-01 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	3.31		0.499	meq/L	10	[CALC]	05/23/2025	05/29/2025	
Magnesium	2.69		0.823	"	"	"	"	"	
Sodium	0.976		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E2028	05/20/2025	05/20/2025	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

Origins Laboratory

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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

WH01@6

5/14/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5E0571-01 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E2028	05/20/2025	05/20/2025	
Surrogate: Anthracene-d10	92.4 %			60-130		"	"	"	
Surrogate: Pyrene-d10	95.0 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	103 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.21			pH Units	1	B5E2357	05/23/2025	05/28/2025	
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SAR by 20B Saturated Paste

SAR	0.564		0.0100	SAR	1	B5E2354	05/23/2025	05/29/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.799		0.00500	mmhos/cm	1	B5E2357	05/23/2025	05/28/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.54		0.268	mg/kg	10	B5E1955	05/19/2025	05/22/2025	
Barium	230		75.8	"	"	"	"	"	
Cadmium	ND		0.351	"	"	"	"	"	
Copper	ND		42.5	"	"	"	"	"	
Lead	ND		12.9	"	"	"	"	"	
Nickel	ND		24.0	"	"	"	"	"	

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Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

WH01@6

5/14/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5E0571-01 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.279		0.240	mg/kg	10	B5E1955	05/19/2025	05/22/2025	
Silver	ND		0.739	"	"	"	"	"	
Zinc	ND		342	"	"	"	"	"	

Waypoint Analytical, LLC.

Total Metals 7196A

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	L818224	05/14/2025	05/21/2025	
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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 - Stroh H 35-1

FLR01@4

5/14/2025 9:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0571-02 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.347		0.0994	mg/L	1	B5E1913	05/19/2025	05/21/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E1653	05/16/2025	05/20/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	79.0 %				50-150	"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E1969	05/19/2025	05/20/2025	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
Surrogate: 1,2-Dichloroethane-d4	119 %				70-130	"	"	"	
Surrogate: Toluene-d8	94.1 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	109 %				70-130	"	"	"	

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 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

FLR01@4

5/14/2025 9:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5E0571-02 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	4.19		0.499	meq/L	10	[CALC]	05/23/2025	05/29/2025	
Magnesium	3.85		0.823	"	"	"	"	"	
Sodium	1.90		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E2028	05/20/2025	05/20/2025	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

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

FLR01@4

5/14/2025 9:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5E0571-02 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	102 %			60-130		B5E2028	05/20/2025	05/20/2025	
Surrogate: Anthracene-d10	87.3 %			60-130		"	"	"	
Surrogate: Pyrene-d10	95.2 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.29			pH Units	1	B5E2357	05/23/2025	05/28/2025	
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SAR by 20B Saturated Paste

SAR	0.949		0.0100	SAR	1	B5E2354	05/23/2025	05/29/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.13		0.00500	mmhos/cm	1	B5E2357	05/23/2025	05/28/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.63		0.273	mg/kg	10	B5E1955	05/19/2025	05/22/2025	
Barium	185		77.2	"	"	"	"	"	
Cadmium	ND		0.358	"	"	"	"	"	
Copper	ND		43.3	"	"	"	"	"	
Lead	ND		13.2	"	"	"	"	"	
Nickel	ND		24.5	"	"	"	"	"	

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

FLR01@4

5/14/2025 9:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5E0571-02 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.323		0.245	mg/kg	10	B5E1955	05/19/2025	05/22/2025	
Silver	ND		0.753	"	"	"	"	"	
Zinc	ND		348	"	"	"	"	"	

Waypoint Analytical, LLC.

Total Metals 7196A

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	L818224	05/14/2025	05/21/2025	
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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

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 B5E1913 - DTPA Sorbitol Preparation

Blank (B5E1913-BLK1)

Prepared: 05/19/2025 Analyzed: 05/21/2025

Boron ND 0.100 mg/L

Duplicate (B5E1913-DUP1)

Source: E5E0570-01

Prepared: 05/19/2025 Analyzed: 05/21/2025

Boron 0.250 0.101 mg/L 0.291 15.0 50

Batch B5E2354 - Saturated Paste Metals

Blank (B5E2354-BLK1)

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

SAR ND 0.0100 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

Duplicate (B5E2354-DUP1)

Source: E5E0842-18

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

Calcium PPM 53.0 10.0 mg/L 43.8 19.2 50

SAR ND 0.0100 SAR 0.655 200

Magnesium PPM 27.2 10.0 mg/L 21.6 22.7 50

Sodium PPM 18.8 10.0 " 21.2 12.3 50

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

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 B5E2028 - EPA 3580

Blank (B5E2028-BLK1)

Prepared: 05/20/2025 Analyzed: 05/20/2025

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 (g,h,i) perylene	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
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	190		"	200		94.7	60-130			
Surrogate: Pyrene-d10	190		"	200		96.1	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

LCS (B5E2028-BS1)

Prepared: 05/20/2025 Analyzed: 05/20/2025

1-Methylnaphthalene	0.183	0.002	mg/kg	0.200		91.7	70-130			
2-Methylnaphthalene	0.182	0.002	"	0.200		91.0	70-130			
Acenaphthene	0.203	0.020	"	0.200		101	70-130			
Anthracene	0.205	0.020	"	0.200		103	70-130			

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 330 Grand Ave. Unit C
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Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

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 B5E2028 - EPA 3580

LCS (B5E2028-BS1)

Prepared: 05/20/2025 Analyzed: 05/20/2025

Benzo (a) anthracene	0.241	0.005	mg/kg	0.200		120	70-130			
Benzo (a) pyrene	0.217	0.020	"	0.200		108	70-130			
Benzo (b) fluoranthene	0.219	0.020	"	0.200		109	70-130			
Benzo (g,h,i) perylene	0.193	0.020	"	0.200		96.6	70-130			
Benzo (k) fluoranthene	0.210	0.020	"	0.200		105	70-130			
Chrysene	0.219	0.020	"	0.200		109	70-130			
Dibenz (a,h) anthracene	0.231	0.020	"	0.200		115	70-130			
Fluoranthene	0.213	0.020	"	0.200		107	70-130			
Fluorene	0.197	0.020	"	0.200		98.5	70-130			
Indeno (1,2,3-cd) pyrene	0.209	0.020	"	0.200		105	70-130			
Naphthalene	0.203	0.002	"	0.200		101	70-130			
Phenanthrene	0.204	0.020	"	0.200		102	70-130			
Pyrene	0.217	0.020	"	0.200		109	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	190		"	200		96.8	60-130			
Surrogate: Pyrene-d10	200		"	200		99.2	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Matrix Spike (B5E2028-MS1)

Source: E5E0566-01

Prepared: 05/20/2025 Analyzed: 05/20/2025

1-Methylnaphthalene	0.196	0.002	mg/kg	0.200	0.038	79.1	70-130			
2-Methylnaphthalene	0.197	0.002	"	0.200	0.060	68.2	70-130			QM-07
Acenaphthene	0.206	0.020	"	0.200	ND	103	70-130			
Anthracene	0.200	0.020	"	0.200	ND	100	70-130			
Benzo (a) anthracene	0.244	0.005	"	0.200	ND	122	70-130			
Benzo (a) pyrene	0.221	0.020	"	0.200	0.001	110	70-130			
Benzo (b) fluoranthene	0.215	0.020	"	0.200	0.001	107	70-130			
Benzo (g,h,i) perylene	0.188	0.020	"	0.200	0.002	93.2	70-130			

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 - Stroh H 35-1

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 B5E2028 - EPA 3580

Matrix Spike (B5E2028-MS1)		Source: E5E0566-01			Prepared: 05/20/2025 Analyzed: 05/20/2025					
Benzo (k) fluoranthene	0.194	0.020	mg/kg	0.200	0.001	96.7	70-130			
Chrysene	0.206	0.020	"	0.200	0.002	102	70-130			
Dibenz (a,h) anthracene	0.230	0.020	"	0.200	0.001	114	70-130			
Fluoranthene	0.212	0.020	"	0.200	0.0007	106	70-130			
Fluorene	0.196	0.020	"	0.200	0.010	92.8	70-130			
Indeno (1,2,3-cd) pyrene	0.208	0.020	"	0.200	0.002	103	70-130			
Naphthalene	0.198	0.002	"	0.200	0.010	94.1	70-130			
Phenanthrene	0.195	0.020	"	0.200	0.008	93.8	70-130			
Pyrene	0.212	0.020	"	0.200	0.005	103	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	180		"	200		89.5	60-130			
Surrogate: Pyrene-d10	190		"	200		96.2	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

Matrix Spike Dup (B5E2028-MSD1)		Source: E5E0566-01			Prepared: 05/20/2025 Analyzed: 05/20/2025					
1-Methylnaphthalene	0.210	0.002	mg/kg	0.200	0.038	85.9	70-130	6.79	20	
2-Methylnaphthalene	0.220	0.002	"	0.200	0.060	79.8	70-130	11.1	20	
Acenaphthene	0.212	0.020	"	0.200	ND	106	70-130	2.62	20	
Anthracene	0.197	0.020	"	0.200	ND	98.3	70-130	1.75	20	
Benzo (a) anthracene	0.236	0.005	"	0.200	ND	118	70-130	3.23	20	
Benzo (a) pyrene	0.218	0.020	"	0.200	0.001	108	70-130	1.58	20	
Benzo (b) fluoranthene	0.225	0.020	"	0.200	0.001	112	70-130	4.51	20	
Benzo (g,h,i) perylene	0.195	0.020	"	0.200	0.002	97.0	70-130	3.87	20	
Benzo (k) fluoranthene	0.205	0.020	"	0.200	0.001	102	70-130	5.35	20	
Chrysene	0.212	0.020	"	0.200	0.002	105	70-130	3.08	20	
Dibenz (a,h) anthracene	0.242	0.020	"	0.200	0.001	120	70-130	5.14	20	
Fluoranthene	0.202	0.020	"	0.200	0.0007	101	70-130	5.12	20	

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

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 B5E2028 - EPA 3580

Matrix Spike Dup (B5E2028-MSD1)

Source: E5E0566-01

Prepared: 05/20/2025 Analyzed: 05/20/2025

Fluorene	0.200	0.020	mg/kg	0.200	0.010	95.1	70-130	2.34	20	
Indeno (1,2,3-cd) pyrene	0.230	0.020	"	0.200	0.002	114	70-130	10.2	20	
Naphthalene	0.201	0.002	"	0.200	0.010	95.5	70-130	1.44	20	
Phenanthrene	0.203	0.020	"	0.200	0.008	97.6	70-130	3.79	20	
Pyrene	0.207	0.020	"	0.200	0.005	101	70-130	2.55	20	
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	180		"	200		91.3	60-130			
Surrogate: Pyrene-d10	190		"	200		94.9	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Origins Laboratory

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E1653 - EPA 3550B										
Blank (B5E1653-BLK1)										
					Prepared: 05/16/2025 Analyzed: 05/19/2025					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	28		"	24.9		111	50-150			
LCS (B5E1653-BS1)										
					Prepared: 05/16/2025 Analyzed: 05/19/2025					
Diesel (C10-C28)	887	50.0	mg/kg	1000		88.7	70-130			
Residual Range Organics (C28-C40)	853	200	"	1000		85.3	70-130			
Surrogate: o-Terphenyl	55		"	49.8		111	50-150			
Matrix Spike (B5E1653-MS1)										
		Source: E5E0557-01			Prepared: 05/16/2025 Analyzed: 05/20/2025					
Diesel (C10-C28)	879	50.0	mg/kg	1000	ND	87.9	70-130			
Residual Range Organics (C28-C40)	842	200	"	1000	ND	84.2	70-130			
Surrogate: o-Terphenyl	60		"	49.8		120	50-150			
Matrix Spike Dup (B5E1653-MSD1)										
		Source: E5E0557-01			Prepared: 05/16/2025 Analyzed: 05/20/2025					
Diesel (C10-C28)	879	50.0	mg/kg	1000	ND	87.9	70-130	0.0206	35	
Residual Range Organics (C28-C40)	843	200	"	1000	ND	84.3	70-130	0.148	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 Verysen
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5E1955 - EPA 3050B

Prepared: 05/19/2025 Analyzed: 05/22/2025

Blank (B5E1955-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 (B5E1955-BS1)

Prepared: 05/19/2025 Analyzed: 05/22/2025

Arsenic	5.55	0.290	mg/kg	5.00		111	80-120			
Barium	524	82.0	"	500		105	80-120			
Cadmium	5.58	0.380	"	5.00		112	80-120			
Copper	52.1	46.0	"	50.0		104	80-120			
Lead	5.26	14.0	"	5.00		105	80-120			
Nickel	5.18	26.0	"	5.00		104	80-120			
Selenium	5.72	0.260	"	5.00		114	80-120			
Silver	5.43	0.800	"	5.00		109	80-120			
Zinc	50.1	370	"	50.0		100	80-120			

Matrix Spike (B5E1955-MS1)

Source: E5E0592-01

Prepared: 05/19/2025 Analyzed: 05/23/2025

Arsenic	9.78	0.260	mg/kg	4.47	10.9	NR	75-125			QM-07
Barium	715	73.4	"	447	66.3	145	75-125			QM-07
Cadmium	5.01	0.340	"	4.47	0.0611	111	75-125			
Copper	59.0	41.2	"	44.7	11.3	107	75-125			
Lead	15.6	12.5	"	4.47	14.2	30.9	75-125			QM-07

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

Chelsea Verysen
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5E1955 - EPA 3050B

Matrix Spike (B5E1955-MS1)

Source: E5E0592-01

Prepared: 05/19/2025 Analyzed: 05/23/2025

Nickel	19.7	23.3	mg/kg	4.47	12.0	173	75-125			QM-07
Selenium	4.34	0.233	"	4.47	0.252	91.3	75-125			
Silver	4.92	0.716	"	4.47	0.0413	109	75-125			
Zinc	96.6	331	"	44.7	54.8	93.4	75-125			

Matrix Spike Dup (B5E1955-MSD1)

Source: E5E0592-01

Prepared: 05/19/2025 Analyzed: 05/23/2025

Arsenic	10.1	0.260	mg/kg	4.49	10.9	NR	75-125	2.94	20	QM-07
Barium	691	73.6	"	449	66.3	139	75-125	3.40	20	QM-07
Cadmium	5.18	0.341	"	4.49	0.0611	114	75-125	3.17	20	
Copper	62.1	41.3	"	44.9	11.3	113	75-125	5.07	20	
Lead	16.3	12.6	"	4.49	14.2	45.7	75-125	4.22	20	QM-07
Nickel	19.7	23.3	"	4.49	12.0	172	75-125	0.104	20	QM-07
Selenium	4.46	0.233	"	4.49	0.252	93.7	75-125	2.83	20	
Silver	5.06	0.718	"	4.49	0.0413	112	75-125	2.89	20	
Zinc	100	332	"	44.9	54.8	101	75-125	3.59	20	

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Stroh H 35-1

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 B5E2357 - Saturated Paste pH/EC

Blank (B5E2357-BLK1)

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

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5E2357-DUP1)

Source: E5E0842-18

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

pH 8.20 pH Units 8.28 0.971 25

Specific Conductance (EC) 0.737 0.00500 mmhos/cm 0.584 23.0 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 - Stroh H 35-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5E1969 - EPA 5030 (soil)

Blank (B5E1969-BLK1)

Prepared: 05/19/2025 Analyzed: 05/19/2025

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
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Surrogate: 1,2-Dichloroethane-d4

0.11

"

0.125

85.1

70-130

Surrogate: Toluene-d8

0.13

"

0.125

100

70-130

Surrogate: 4-Bromofluorobenzene

0.12

"

0.125

99.6

70-130

LCS (B5E1969-BS1)

Prepared: 05/19/2025 Analyzed: 05/19/2025

1,2,4-Trimethylbenzene	0.119	0.00200	mg/kg	0.100		119	70-130			
1,3,5-Trimethylbenzene	0.120	0.00200	"	0.100		120	70-130			
Benzene	0.103	0.00200	"	0.100		103	70-130			
Ethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Naphthalene	0.0830	0.00380	"	0.100		83.0	70-130			
Toluene	0.104	0.00200	"	0.100		104	70-130			
o-Xylene	0.114	0.00200	"	0.100		114	70-130			
m,p-Xylene	0.225	0.00400	"	0.200		112	70-130			

Surrogate: 1,2-Dichloroethane-d4

0.11

"

0.125

90.4

70-130

Surrogate: Toluene-d8

0.13

"

0.125

101

70-130

Surrogate: 4-Bromofluorobenzene

0.11

"

0.125

91.4

70-130

Matrix Spike (B5E1969-MS1)

Source: E5E0564-01

Prepared: 05/19/2025 Analyzed: 05/20/2025

1,2,4-Trimethylbenzene	0.0782	0.00200	mg/kg	0.100	ND	78.2	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 - Stroh H 35-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5E1969 - EPA 5030 (soil)

Matrix Spike (B5E1969-MS1)		Source: E5E0564-01			Prepared: 05/19/2025 Analyzed: 05/20/2025					
1,3,5-Trimethylbenzene	0.0768	0.00200	mg/kg	0.100	ND	76.8	70-130			
Benzene	0.0776	0.00200	"	0.100	0.000500	77.1	70-130			
Ethylbenzene	0.0770	0.00200	"	0.100	ND	77.0	70-130			
Naphthalene	0.0640	0.00380	"	0.100	0.000840	63.2	70-130			QM-07
Toluene	0.0756	0.00200	"	0.100	0.00106	74.5	70-130			
o-Xylene	0.0803	0.00200	"	0.100	ND	80.3	70-130			
m,p-Xylene	0.157	0.00400	"	0.200	ND	78.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.098		"	0.125		78.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.3	70-130			

Matrix Spike Dup (B5E1969-MSD1)		Source: E5E0564-01			Prepared: 05/19/2025 Analyzed: 05/20/2025					
1,2,4-Trimethylbenzene	0.0826	0.00200	mg/kg	0.100	ND	82.6	70-130	5.47	20	
1,3,5-Trimethylbenzene	0.0817	0.00200	"	0.100	ND	81.7	70-130	6.21	20	
Benzene	0.0762	0.00200	"	0.100	0.000500	75.7	70-130	1.74	20	
Ethylbenzene	0.0820	0.00200	"	0.100	ND	82.0	70-130	6.26	20	
Naphthalene	0.0710	0.00380	"	0.100	0.000840	70.1	70-130	10.3	20	
Toluene	0.0755	0.00200	"	0.100	0.00106	74.4	70-130	0.132	20	
o-Xylene	0.0834	0.00200	"	0.100	ND	83.4	70-130	3.86	20	
m,p-Xylene	0.168	0.00400	"	0.200	ND	83.9	70-130	6.37	20	
Surrogate: 1,2-Dichloroethane-d4	0.095		"	0.125		75.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.4	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 - Stroh H 35-1

**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 L818224 -										
DUP (L 97110-DUP)		Source: 97110			Prepared: Analyzed: 05/21/2025					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-	0	20		
MS (L 97110-MS)		Source: 97110			Prepared: Analyzed: 05/21/2025					
Chromium, Hexavalent	32.2	2.5	mg/Kg	38.6	< 0.244	83	75-125			
LCS (LCS)		Prepared: Analyzed: 05/21/2025								
Chromium, Hexavalent	6.77	0.5	mg/Kg	8		85	75-125			
LRB (LRB)		Prepared: Analyzed: 05/21/2025								
Chromium, Hexavalent	ND	0.5	mg/Kg			-				

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

Chelsea Verysen
Project Number: [none]
Project: Chevron - Stroh H 35-1

Notes and Definitions

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

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