



May 13, 2024

Entrada Consulting Group

Chelsea Veryter

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Feuerstein I28-63-1HN Project Number - [none]

Attached are your analytical results for Chevron - Feuerstein I28-63-1HN received by Origins Laboratory, Inc. March 06, 2024. This project is associated with Origins project number Y403149-01.

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 Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6'	Y403149-01	Soil	March 6, 2024 8:00	03/06/2024 13:38
FLR01@4	Y403149-02	Soil	March 6, 2024 8:05	03/06/2024 13:38
BKG01@5	Y403149-06	Soil	March 6, 2024 8:25	03/06/2024 13:38

Chain of Custody Modification Request

On 4/5/2024, Lindsey Blankenship from Entrada contacted Jordan Bynon via email regarding Y403149 requesting that Barium be added to BKG01@5. Requested modifications to the chain of custody were made by Jordan Bynon on 4/5/2024.

Barium reruns were requested for WH01@6 and FLR01@4 per Lindsey's email on 04/05/2024. No errors were found in the original data, all results are reported. JAB

Origins Laboratory, Inc.



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, INC

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y403149

Client: Entrada

Client Project ID: Feuerstein I28

Checklist Completed by: EHS/DM

Shipped Via: HD

Date/time completed: 3/6/24

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____

Cooler Number/Temperature: 1/20 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 1004

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"/>		SD
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 ⁽²⁾ ?	<input checked="" 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"/>	
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 NaAsO 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 be in the additional comments (above) and the case narrative.

Reviewed by (Project Manager): JP

Date/Time Reviewed: 3/8/24

Origins Laboratory, Inc.

Byron

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

WH01@6'
3/6/2024 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.327	0.0991	mg/L	1	B4C1211	03/12/2024	03/13/2024
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4C0704	03/07/2024	03/14/2024	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	92.7 %	50-150	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4C0658	03/06/2024	03/07/2024	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130	"	"	"	"	"
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Origins Laboratory, Inc.



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

WH01@6'
3/6/2024 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	94.0 %	70-130	B4C06 58	03/06/2024	03/07/2024
Surrogate: 4-Bromofluorobenzene	98.2 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.61	0.499	meq/L	10	[CALC]	03/11/2024	03/12/2024
Magnesium	1.16	0.823	"	"	"	"	"
Sodium	0.477	0.435	"	"	"	"	"

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4C0837	03/08/2024	03/11/2024	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

Origins Laboratory, Inc.



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330 Grand Ave. Unit C
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Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

WH01@6'
3/6/2024 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-01 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4C0837	03/08/2024	03/11/2024	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	99.7 %	60-130	"	"	"	"	"
Surrogate: Anthracene-d10	101 %	60-130	"	"	"	"	"
Surrogate: Pyrene-d10	90.9 %	60-130	"	"	"	"	"
Surrogate: Benzo (a) pyrene-d12	99.1 %	60-130	"	"	"	"	"

pH in Soil by 9045D

pH	8.42	pH Units	1	B4C1117	03/11/2024	03/12/2024
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SAR by 20B Saturated Paste

SAR	0.405	0.0100	SAR	1	B4C1106	03/11/2024	03/12/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.330	0.00500	mmhos/cm	1	B4C1117	03/11/2024	03/12/2024
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

WH01@6'
3/6/2024 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	4.72	0.250	mg/kg	10	B4C0832	03/08/2024	03/21/2024
Barium	393	8.61	"	"	"	"	"
Cadmium	0.161	0.0861	"	"	"	"	"
Copper	12.4	8.61	"	"	"	"	"
Lead	7.71	0.861	"	"	"	"	"
Nickel	10.9	0.861	"	"	"	"	"
Selenium	ND	0.224	"	"	"	"	"
Silver	ND	0.0861	"	"	"	"	"
Zinc	40.3	31.8	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L741023	03/06/2024	03/28/2024
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330 Grand Ave. Unit C
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Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

WH01@6'
3/6/2024 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-01RE1 (Soil)

Table 915 metals by EPA 6020B

Barium	275	9.34	mg/kg	10	B4D1520	03/08/2024	04/16/2024
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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

WH01@6'
3/6/2024 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-01RE2 (Soil)

Table 915 metals by EPA 6020B

Barium	262	9.10	mg/kg	10	B4D1520	03/08/2024	04/16/2024
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Origins Laboratory, Inc.

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

FLR01@4

3/6/2024 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403149-02 (Soil)

Boron (DTPA Sorbitol)

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Boron	0.224	0.0984	mg/L	1	B4C1211	03/12/2024	03/13/2024		

DRO/ORO by EPA 8015D

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Diesel (C10-C28)	ND	25.0	mg/kg	1	B4C0704	03/07/2024	03/14/2024	U	
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	"	U

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Surrogate: o-Terphenyl	126 %	50-150	"	"	"	"	"	"	

GBTEX+TMBs by 8260D

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4C0658	03/06/2024	03/07/2024	U	
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	"	U

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130	"	"	"	"	"	"	

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

FLR01@4

3/6/2024 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403149-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	94.6 %	70-130	B4C06 58	03/06/2024	03/07/2024
Surrogate: 4-Bromofluorobenzene	98.8 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.47	0.499	meq/L	10	[CALC]	03/11/2024	03/12/2024
Magnesium	1.06	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4C0837	03/08/2024	03/11/2024	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

Origins Laboratory, Inc.



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

FLR01@4

3/6/2024 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403149-02 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4C0837	03/08/2024	03/11/2024	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	99.9 %	60-130	"	"	"	"	"	"
Surrogate: Anthracene-d10	98.6 %	60-130	"	"	"	"	"	"
Surrogate: Pyrene-d10	92.2 %	60-130	"	"	"	"	"	"
Surrogate: Benzo (a) pyrene-d12	98.7 %	60-130	"	"	"	"	"	"

pH in Soil by 9045D

pH	8.48	pH Units	1	B4C1117	03/11/2024	03/12/2024
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SAR by 20B Saturated Paste

SAR	0.232	0.0100	SAR	1	B4C1106	03/11/2024	03/12/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.278	0.00500	mmhos/cm	1	B4C1117	03/11/2024	03/12/2024
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Entrada Consulting Group
330 Grand Ave. Unit C
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Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

FLR01@4

3/6/2024 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-02 (Soil)

Table 915 metals by EPA 6020B

Arsenic	4.20	0.268	mg/kg	10	B4C0832	03/08/2024	03/21/2024
Barium	123	9.23	"	"	"	"	"
Cadmium	0.161	0.0923	"	"	"	"	"
Copper	ND	9.23	"	"	"	"	"
Lead	7.24	0.923	"	"	"	"	"
Nickel	10.4	0.923	"	"	"	"	"
Selenium	ND	0.240	"	"	"	"	"
Silver	ND	0.0923	"	"	"	"	"
Zinc	36.2	34.2	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L741023	03/06/2024	03/28/2024
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Origins Laboratory, Inc.

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

FLR01@4

3/6/2024 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-02RE1 (Soil)

Table 915 metals by EPA 6020B

Barium	118	9.27	mg/kg	10	B4D1520	03/08/2024	04/16/2024
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Origins Laboratory, Inc.



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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Vertyer

Project Number: [none]

Project: Chevron - Feuerstein I28-63-1HN

FLR01@4

3/6/2024 8:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403149-02RE2 (Soil)

Table 915 metals by EPA 6020B

Barium	128	9.27	mg/kg	10	B4D1520	03/08/2024	04/16/2024
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Origins Laboratory, Inc.

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

BKG01@5

3/6/2024 8:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403149-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.264	0.0994	mg/L	1	B4C1211	03/12/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.80	0.499	meq/L	10	[CALC]	03/11/2024	03/12/2024
Magnesium	1.81	0.823	"	"	"	"	"
Sodium	2.42	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.50		pH Units	1	B4C1117	03/11/2024	03/12/2024
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SAR by 20B Saturated Paste

SAR	1.80	0.0100	SAR	1	B4C1106	03/11/2024	03/12/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.626	0.00500	mmhos/cm	1	B4C1117	03/11/2024	03/12/2024
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Table 915 metals by EPA 6020B

Arsenic	3.97	0.251	mg/kg	10	B4C0832	03/08/2024	03/21/2024
Barium	73.6	8.65	"	"	"	"	"

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0658 - EPA 5030 (soil)

Blank (B4C0658-BLK1)

Prepared: 03/06/2024 Analyzed: 03/07/2024

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.8	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0658 - EPA 5030 (soil)

LCS (B4C0658-BS1)

Prepared: 03/06/2024 Analyzed: 03/07/2024

1,2,4-Trimethylbenzene	0.0998	0.00200	mg/kg	0.100		99.8	70-130			
1,3,5-Trimethylbenzene	0.102	0.00200	"	0.100		102	70-130			
Benzene	0.104	0.00200	"	0.100		104	70-130			
Ethylbenzene	0.102	0.00200	"	0.100		102	70-130			
Naphthalene	0.119	0.00380	"	0.100		119	70-130			
Toluene	0.0998	0.00200	"	0.100		99.8	70-130			
o-Xylene	0.0963	0.00200	"	0.100		96.3	70-130			
m,p-Xylene	0.202	0.00400	"	0.200		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.2	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0658 - EPA 5030 (soil)

Matrix Spike (B4C0658-MS1)

Source: Y403125-01

Prepared: 03/06/2024 Analyzed: 03/07/2024

1,2,4-Trimethylbenzene	0.0909	0.00200	mg/kg	0.100	ND	90.9	70-130
1,3,5-Trimethylbenzene	0.0912	0.00200	"	0.100	ND	91.2	70-130
Benzene	0.0955	0.00200	"	0.100	ND	95.5	70-130
Ethylbenzene	0.0927	0.00200	"	0.100	ND	92.7	70-130
Naphthalene	0.109	0.00380	"	0.100	ND	109	70-130
Toluene	0.0905	0.00200	"	0.100	ND	90.5	70-130
o-Xylene	0.0868	0.00200	"	0.100	ND	86.8	70-130
m,p-Xylene	0.185	0.00400	"	0.200	ND	92.5	70-130
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130
Surrogate: Toluene-d8	0.12		"	0.125		95.2	70-130
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.2	70-130

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Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0658 - EPA 5030 (soil)

Matrix Spike Dup (B4C0658-MSD1)

Source: Y403125-01

Prepared: 03/06/2024 Analyzed: 03/07/2024

1,2,4-Trimethylbenzene	0.0952	0.00200	mg/kg	0.100	ND	95.2	70-130	4.69	20	
1,3,5-Trimethylbenzene	0.0962	0.00200	"	0.100	ND	96.2	70-130	5.31	20	
Benzene	0.101	0.00200	"	0.100	ND	101	70-130	5.52	20	
Ethylbenzene	0.0966	0.00200	"	0.100	ND	96.6	70-130	4.08	20	
Naphthalene	0.116	0.00380	"	0.100	ND	116	70-130	6.19	20	
Toluene	0.0951	0.00200	"	0.100	ND	95.1	70-130	5.02	20	
o-Xylene	0.0911	0.00200	"	0.100	ND	91.1	70-130	4.79	20	
m,p-Xylene	0.192	0.00400	"	0.200	ND	96.1	70-130	3.82	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.2	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Vertyer

Project Number: [none]

Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0704 - EPA 3550B

Blank (B4C0704-BLK1)

Prepared: 03/07/2024 Analyzed: 03/12/2024

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	25		"	24.9		101	50-150			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0704 - EPA 3550B

LCS (B4C0704-BS1)

Prepared: 03/07/2024 Analyzed: 03/12/2024

Diesel (C10-C28)	841	50.0	mg/kg	1000		84.1	70-130			
Residual Range Organics (C28-C40)	867	200	"	1000		86.7	70-130			
Surrogate: o-Terphenyl	49		"	49.8		99.3	50-150			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Vertyer

Project Number: [none]

Project: Chevron - Feuerstein I28-63-1HN

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0704 - EPA 3550B

Matrix Spike (B4C0704-MS1)

Source: Y403067-01

Prepared: 03/07/2024 Analyzed: 03/12/2024

Diesel (C10-C28)	822	50.0	mg/kg	1000	ND	82.2	70-130
Residual Range Organics (C28-C40)	852	200	"	1000	ND	85.2	70-130
Surrogate: o-Terphenyl	48		"	49.8		97.0	50-150

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Jordan A. Bynon For Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Vertyer

Project Number: [none]

Project: Chevron - Feuerstein I28-63-1HN

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0704 - EPA 3550B

Matrix Spike Dup (B4C0704-MSD1)

Source: Y403067-01

Prepared: 03/07/2024 Analyzed: 03/12/2024

Diesel (C10-C28)	889	50.0	mg/kg	1000	ND	88.9	70-130	7.89	35	
Residual Range Organics (C28-C40)	930	200	"	1000	ND	93.0	70-130	8.77	35	
Surrogate: o-Terphenyl	53		"	49.8		107	50-150			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0832 - EPA 3050B

Blank (B4C0832-BLK1)

Prepared: 03/08/2024 Analyzed: 03/21/2024

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

LCS (B4C0832-BS1)

Prepared: 03/08/2024 Analyzed: 03/21/2024

Arsenic	5.10	0.290	mg/kg	5.00	102	80-120
Barium	560	10.0	"	500	112	80-120
Cadmium	5.69	0.100	"	5.00	114	80-120
Copper	55.9	10.0	"	50.0	112	80-120
Lead	5.54	1.00	"	5.00	111	80-120
Nickel	5.72	1.00	"	5.00	114	80-120
Selenium	10.7	0.260	"	9.50	112	80-120
Silver	5.21	0.100	"	5.00	104	80-120
Zinc	58.3	37.0	"	50.0	117	80-120

Matrix Spike (B4C0832-MS1)

Source: Y403140-04

Prepared: 03/08/2024 Analyzed: 03/21/2024

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0832 - EPA 3050B										
Matrix Spike (B4C0832-MS1)			Source: Y403140-04		Prepared: 03/08/2024 Analyzed: 03/21/2024					
Arsenic	9.97	0.280	mg/kg	4.82	4.59	112	75-125			
Barium	718	9.65	"	482	147	118	75-125			
Cadmium	5.52	0.0965	"	4.82	0.228	110	75-125			
Copper	68.5	9.65	"	48.2	13.0	115	75-125			
Lead	15.6	0.965	"	4.82	10.0	117	75-125			
Nickel	16.7	0.965	"	4.82	10.6	126	75-125			QM-07
Selenium	10.2	0.251	"	9.16	0.0997	110	75-125			
Silver	5.31	0.0965	"	4.82	0.0411	109	75-125			
Zinc	112	35.7	"	48.2	50.4	127	75-125			QM-07
Matrix Spike Dup (B4C0832-MSD1)			Source: Y403140-04		Prepared: 03/08/2024 Analyzed: 03/21/2024					
Arsenic	9.74	0.266	mg/kg	4.58	4.59	112	75-125	2.39	20	
Barium	768	9.17	"	458	147	135	75-125	6.67	20	QM-07
Cadmium	5.14	0.0917	"	4.58	0.228	107	75-125	7.05	20	
Copper	62.0	9.17	"	45.8	13.0	107	75-125	9.88	20	
Lead	25.1	0.917	"	4.58	10.0	329	75-125	46.3	20	QM-02, QM-07
Nickel	15.1	0.917	"	4.58	10.6	96.6	75-125	10.3	20	
Selenium	8.41	0.238	"	8.71	0.0997	95.4	75-125	18.8	20	
Silver	4.82	0.0917	"	4.58	0.0411	104	75-125	9.71	20	
Zinc	101	33.9	"	45.8	50.4	109	75-125	10.5	20	
Batch B4D1520 - EPA 3050B										
Blank (B4D1520-BLK1)			Prepared: 04/15/2024 Analyzed: 04/16/2024							
Arsenic	ND	0.290	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	0.100	"							

Origins Laboratory, Inc.



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4D1520 - EPA 3050B

Blank (B4D1520-BLK1)

Prepared: 04/15/2024 Analyzed: 04/16/2024

Copper	ND	10.0	mg/kg
Lead	ND	1.00	"
Nickel	ND	1.00	"
Silver	ND	0.100	"
Zinc	ND	37.0	"

LCS (B4D1520-BS1)

Prepared: 04/15/2024 Analyzed: 04/16/2024

Arsenic	5.32	0.290	mg/kg	5.00	106	80-120
Barium	536	10.0	"	500	107	80-120
Cadmium	5.25	0.100	"	5.00	105	80-120
Copper	55.3	10.0	"	50.0	111	80-120
Lead	5.33	1.00	"	5.00	107	80-120
Nickel	5.72	1.00	"	5.00	114	80-120
Silver	5.26	0.100	"	5.00	105	80-120
Zinc	54.0	37.0	"	50.0	108	80-120

Matrix Spike (B4D1520-MS1)

Source: Y404410-01

Prepared: 04/15/2024 Analyzed: 04/16/2024

Arsenic	6.02	0.243	mg/kg	4.19	2.03	95.4	75-125
Barium	482	8.37	"	419	45.6	104	75-125
Cadmium	4.46	0.0837	"	4.19	0.112	104	75-125
Copper	51.5	8.37	"	41.9	8.25	103	75-125
Lead	10.1	0.837	"	4.19	6.23	93.3	75-125
Nickel	10.5	0.837	"	4.19	8.04	58.8	75-125
Silver	4.37	0.0837	"	4.19	0.0740	103	75-125
Zinc	67.4	31.0	"	41.9	27.5	95.3	75-125

Matrix Spike Dup (B4D1520-MSD1)

Source: Y404410-01

Prepared: 04/15/2024 Analyzed: 04/16/2024

Origins Laboratory, Inc.

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4D1520 - EPA 3050B

Matrix Spike Dup (B4D1520-MSD1)

Source: Y404410-01

Prepared: 04/15/2024 Analyzed: 04/16/2024

Arsenic	7.16	0.269	mg/kg	4.64	2.03	111	75-125	17.3	20	
Barium	572	9.27	"	464	45.6	114	75-125	17.2	20	
Cadmium	5.35	0.0927	"	4.64	0.112	113	75-125	18.3	20	
Copper	61.1	9.27	"	46.4	8.25	114	75-125	17.0	20	
Lead	11.6	0.927	"	4.64	6.23	116	75-125	13.7	20	
Nickel	12.3	0.927	"	4.64	8.04	91.3	75-125	15.5	20	
Silver	5.28	0.0927	"	4.64	0.0740	112	75-125	18.7	20	
Zinc	80.6	34.3	"	46.4	27.5	115	75-125	17.8	20	

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0837 - EPA 3580

Blank (B4C0837-BLK1)

Prepared: 03/08/2024 Analyzed: 03/11/2024

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	200		ug/kg	200		100	60-130
Surrogate: Anthracene-d10	190		"	200		96.9	60-130
Surrogate: Pyrene-d10	190		"	200		93.4	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.1	60-130

LCS (B4C0837-BS1)

Prepared: 03/08/2024 Analyzed: 03/11/2024

1-Methylnaphthalene	0.170	0.002	mg/kg	0.200		85.1	70-130
2-Methylnaphthalene	0.170	0.002	"	0.200		85.0	70-130
Acenaphthene	0.171	0.020	"	0.200		85.5	70-130
Anthracene	0.176	0.020	"	0.200		87.9	70-130

Origins Laboratory, Inc.

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0837 - EPA 3580

LCS (B4C0837-BS1)

Prepared: 03/08/2024 Analyzed: 03/11/2024

Benzo (a) anthracene	0.175	0.005	mg/kg	0.200		87.4	70-130
Benzo (a) pyrene	0.168	0.020	"	0.200		83.9	70-130
Benzo (b) fluoranthene	0.166	0.020	"	0.200		82.8	70-130
Benzo (g,h,i) perylene	0.172	0.020	"	0.200		86.1	70-130
Benzo (k) fluoranthene	0.165	0.020	"	0.200		82.3	70-130
Chrysene	0.165	0.020	"	0.200		82.3	70-130
Dibenz (a,h) anthracene	0.173	0.020	"	0.200		86.6	70-130
Fluoranthene	0.171	0.020	"	0.200		85.4	70-130
Fluorene	0.170	0.020	"	0.200		85.1	70-130
Indeno (1,2,3-cd) pyrene	0.173	0.020	"	0.200		86.5	70-130
Naphthalene	0.170	0.002	"	0.200		85.0	70-130
Phenanthrene	0.170	0.020	"	0.200		84.8	70-130
Pyrene	0.158	0.020	"	0.200		79.1	70-130
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130
Surrogate: Anthracene-d10	200		"	200		101	60-130
Surrogate: Pyrene-d10	190		"	200		93.2	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.1	60-130

Matrix Spike (B4C0837-MS1)

Source: Y403099-01

Prepared: 03/08/2024 Analyzed: 03/11/2024

1-Methylnaphthalene	0.180	0.002	mg/kg	0.200	0.0009	89.7	70-130
2-Methylnaphthalene	0.179	0.002	"	0.200	0.001	89.0	70-130
Acenaphthene	0.177	0.020	"	0.200	ND	88.6	70-130
Anthracene	0.179	0.020	"	0.200	0.002	88.7	70-130
Benzo (a) anthracene	0.184	0.005	"	0.200	ND	91.9	70-130
Benzo (a) pyrene	0.175	0.020	"	0.200	ND	87.3	70-130
Benzo (b) fluoranthene	0.170	0.020	"	0.200	0.0005	84.9	70-130
Benzo (g,h,i) perylene	0.177	0.020	"	0.200	0.002	87.7	70-130

Origins Laboratory, Inc.

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0837 - EPA 3580

Matrix Spike (B4C0837-MS1)

Source: Y403099-01

Prepared: 03/08/2024 Analyzed: 03/11/2024

Benzo (k) fluoranthene	0.169	0.020	mg/kg	0.200	ND	84.3	70-130			
Chrysene	0.172	0.020	"	0.200	0.002	85.0	70-130			
Dibenz (a,h) anthracene	0.178	0.020	"	0.200	ND	88.8	70-130			
Fluoranthene	0.189	0.020	"	0.200	ND	94.3	70-130			
Fluorene	0.179	0.020	"	0.200	ND	89.3	70-130			
Indeno (1,2,3-cd) pyrene	0.204	0.020	"	0.200	0.001	102	70-130			
Naphthalene	0.178	0.002	"	0.200	ND	89.1	70-130			
Phenanthrene	0.174	0.020	"	0.200	0.001	86.5	70-130			
Pyrene	0.158	0.020	"	0.200	ND	79.2	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	180		"	200		88.9	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.9	60-130			

Matrix Spike Dup (B4C0837-MSD1)

Source: Y403099-01

Prepared: 03/08/2024 Analyzed: 03/11/2024

1-Methylnaphthalene	0.179	0.002	mg/kg	0.200	0.0009	89.2	70-130	0.468	20	
2-Methylnaphthalene	0.179	0.002	"	0.200	0.001	89.0	70-130	0.0169	20	
Acenaphthene	0.178	0.020	"	0.200	ND	89.2	70-130	0.732	20	
Anthracene	0.186	0.020	"	0.200	0.002	92.1	70-130	3.66	20	
Benzo (a) anthracene	0.179	0.005	"	0.200	ND	89.3	70-130	2.85	20	
Benzo (a) pyrene	0.179	0.020	"	0.200	ND	89.3	70-130	2.31	20	
Benzo (b) fluoranthene	0.179	0.020	"	0.200	0.0005	89.4	70-130	5.06	20	
Benzo (g,h,i) perylene	0.182	0.020	"	0.200	0.002	89.9	70-130	2.46	20	
Benzo (k) fluoranthene	0.164	0.020	"	0.200	ND	81.8	70-130	2.99	20	
Chrysene	0.175	0.020	"	0.200	0.002	87.0	70-130	2.23	20	
Dibenz (a,h) anthracene	0.184	0.020	"	0.200	ND	91.9	70-130	3.43	20	
Fluoranthene	0.189	0.020	"	0.200	ND	94.4	70-130	0.0617	20	

Origins Laboratory, Inc.

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Vertyer

Project Number: [none]

Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0837 - EPA 3580

Matrix Spike Dup (B4C0837-MSD1)

Source: Y403099-01

Prepared: 03/08/2024 Analyzed: 03/11/2024

Fluorene	0.178	0.020	mg/kg	0.200	ND	88.9	70-130	0.509	20	
Indeno (1,2,3-cd) pyrene	0.168	0.020	"	0.200	0.001	83.6	70-130	19.3	20	
Naphthalene	0.179	0.002	"	0.200	ND	89.6	70-130	0.571	20	
Phenanthrene	0.178	0.020	"	0.200	0.001	88.3	70-130	2.08	20	
Pyrene	0.162	0.020	"	0.200	ND	81.0	70-130	2.21	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.8	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	180		"	200		90.7	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.7	60-130			

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C1106 - Saturated Paste Metals

Blank (B4C1106-BLK1)

Prepared: 03/11/2024 Analyzed: 03/12/2024

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

Duplicate (B4C1106-DUP1)

Source: Y403125-01

Prepared: 03/11/2024 Analyzed: 03/12/2024

SAR	ND	0.0100	SAR	2.29	200
Calcium PPM	57.0	10.0	mg/L	52.8	7.65
Magnesium PPM	21.5	10.0	"	19.8	8.03
Sodium PPM	80.5	10.0	"	76.7	4.75

Batch B4C1211 - DTPA Sorbitol Preparation

Blank (B4C1211-BLK1)

Prepared: 03/12/2024 Analyzed: 03/13/2024

Boron	ND	0.100	mg/L
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Duplicate (B4C1211-DUP1)

Source: Y403132-01

Prepared: 03/12/2024 Analyzed: 03/13/2024

Boron	ND	0.100	mg/L	ND	50
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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C1117 - Saturated Paste pH/EC

Blank (B4C1117-BLK1)

Prepared: 03/11/2024 Analyzed: 03/12/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4C1117-DUP1)

Source: Y403125-01

Prepared: 03/11/2024 Analyzed: 03/12/2024

pH	8.46		pH Units	8.48		0.236	25
Specific Conductance (EC)	1.05	0.00500	mmhos/cm	1.01		3.63	25

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager

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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L741023 -										
DUP (L 90054-DUP)					Source: 90054		Prepared: Analyzed: 03/28/2024			
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
MS (L 90054-MS)					Source: 90054		Prepared: Analyzed: 03/28/2024			
Chromium, Hexavalent	31.7	2.5	mg/Kg	39.7	< 0.244	80	75-125			
LCS (LCS)							Prepared: Analyzed: 03/28/2024			
Chromium, Hexavalent	7.31	0.5	mg/Kg	8		91	75-125			
LRB (LRB)							Prepared: Analyzed: 03/28/2024			
Chromium, Hexavalent	ND	0.5	mg/Kg			-				

Origins Laboratory, Inc.



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

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Feuerstein I28-63-1HN

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.
- QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.
- Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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