

August 20, 2024

Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Trebor B12-05

Project Number - [none]

Attached are your analytical results for Chevron - Trebor B12-05 received by Origins Laboratory, Inc. July 19, 2024. This project is associated with Origins project number Y407544-01.

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



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Trebor B12-05

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	Y407544-01	Soil	July 18, 2024 16:30	07/19/2024 17:05

Origins Laboratory, Inc.



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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

ORIGINS
 LABORATORY INC

ORIGINS WORK ORDER #
4407544

Page 1 of 1

Client: Entrada
 Project Manager: Chelsea Veryser
 Project Name: Trebor B12-05
 Key: WI

Address: _____
 Project Number: _____
 Project Name: Trebor B12-05
 Key: WI

Telephone Number: 303-319-8703
 Collected By: En Lab
 Invoice Billing Info: Bill to Parent (Dist. South)
 Email Address: Entrada Dist. Billing c/o: Michael 27 G. J. on
 WI=Waste Water
 SI=Surface Water
 GW=Groundwater
 W=Water
 L=Liquid

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas | UR=Urges | HCl=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis		Comments
							SI	GW	
1	WH01-06	7/18/09	1630	2	S	UNP	X		
2	WH01-1004		1635						HALD
3	WH01-009		1640						HALD
4	WH01-1004		1645						HALD
5	WH01-504		1650						HALD
6									
7									
8									
9									
10									

Relinquished By: [Signature] Date: 7/19/09 Time: 1330
 Received By: [Signature] Date: 07/19/09 Time: 1545
 Relinquished By: [Signature] Date: 07/19/09 Time: 1705
 Received By: [Signature] Date: 07/19/09 Time: 1705

1725 Elk Place Denver, Co. 80211 | # 303.433.1322 | originslab.com | Temp Received - 2 Received On Ice? Yes No
 For Lab Sample Receiving Only: Standard 48 Hr 72 Hr

Origins Laboratory, Inc.
[Signature]

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Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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

Sample Receipt Checklist

Origins Work Order: 440544 Client: Entrada
 Client Project ID: TREBOR B12-05

Checklist Completed by: TSH/CH Shipped Via: TID
 Date/time completed: 7/22/24 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

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

Cooler Number/Temperature: 1/8 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: 1005

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 (> 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): <u>Okay to run out of temp per client's email on 7/22/24</u>				

⁽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 7/23/24

Origins Laboratory, Inc.

J. Bynon

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

WH01@6
7/18/2024 4:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y407544-01 (Soil)
Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

Boron	0.110	0.0988	mg/L	1	B4G2315	ACC	07/23/2024	07/24/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4G2301	ZZZ	07/23/2024	07/24/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	Ua

Surrogate: o-Terphenyl	82.9 %	50-150			"	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4G2232	ZZZ	07/22/2024	07/23/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Benzene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Toluene	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	ZZZ	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ZZZ	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	106 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	110 %	70-130			"	"	"	"	

Metals by Saturated Paste by EPA 6010

Origins Laboratory, Inc.



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WH01@6
 7/18/2024 4:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y407544-01 (Soil)
Origins Laboratory, Inc.

Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	ACC	07/23/2024	07/24/2024	
Magnesium	ND	0.823	"	"	"	ACC	"	"	
Sodium	ND	0.435	"	"	"	ACC	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4G2322	agilent	07/23/2024	07/24/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	agilent	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	agilent	"	"	Ua
Anthracene	ND	0.020	"	"	"	agilent	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	agilent	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	agilent	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	agilent	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	agilent	"	"	Ua
Chrysene	ND	0.020	"	"	"	agilent	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	agilent	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	agilent	"	"	Ua
Fluorene	ND	0.020	"	"	"	agilent	"	"	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	agilent	"	"	Ua
Naphthalene	ND	0.002	"	"	"	agilent	"	"	Ua

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WH01@6
 7/18/2024 4:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y407544-01 (Soil)
Origins Laboratory, Inc.

PAH by EPA 8270E

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
Pyrene	ND	0.020	mg/kg	1	B4G2322	agilent	07/23/2024	07/24/2024	Ua
Surrogate: Fluorene-d10	101 %	60-130			"	"		"	
Surrogate: Anthracene-d10	86.3 %	60-130			"	"		"	
Surrogate: Pyrene-d10	105 %	60-130			"	"		"	
Surrogate: Benzo (a) pyrene-d12	101 %	60-130			"	"		"	

pH in Soil by 9045D

Analyte	Result	Units	Dilution	Batch	Analyst	Prepared	Analyzed
pH	8.34	pH Units	1	B4G2321	EAL	07/23/2024	07/24/2024

SAR by 20B Saturated Paste

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed
SAR	0.750	0.0100	SAR	1	B4G2308	ACC	07/23/2024	07/24/2024

Specific Conductance Mod. 9050A

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed
Specific Conductance (EC)	0.163	0.00500	mmhos/cm	1	B4G2321	EAL	07/23/2024	07/24/2024

Table 915 metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed
Arsenic	3.84	0.271	mg/kg	10	B4G1950	ACN	07/22/2024	07/25/2024
Barium	50.9	9.36	"	"	"	ACN	"	"
Cadmium	ND	0.0936	"	"	"	ACN	"	"
Copper	ND	9.36	"	"	"	ACN	"	"
Lead	18.7	0.936	"	"	"	ACN	"	"

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WH01@6
7/18/2024 4:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y407544-01 (Soil)
Origins Laboratory, Inc.

Table 915 metals by EPA 6020B

Nickel	2.48	0.936	mg/kg	10	B4G1950	ACN	07/22/2024	07/25/2024	
Selenium	ND	0.243	"	"	"	ACN	"	"	
Silver	ND	0.0936	"	"	"	ACN	"	"	
Zinc	ND	34.6	"	"	"	ACN	"	"	

GEL Laboratories, LLC

Total Metals by 7196A

Hexavalent Chromium	ND	0.250	mg/kg dry	1	2658113	HH2	08/16/2024	08/19/2024	U
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330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Trebor B12-05

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 B4G2232 - EPA 5030 (soil)

Blank (B4G2232-BLK1)

Prepared: 07/22/2024 Analyzed: 07/22/2024

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	93.1		70-130			
Surrogate: Toluene-d8	0.15		"	0.125	122		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	106		70-130			

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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 B4G2232 - EPA 5030 (soil)

LCS (B4G2232-BS1)

Prepared: 07/22/2024 Analyzed: 07/22/2024

1,2,4-Trimethylbenzene	0.0925	0.00200	mg/kg	0.100		92.5	70-130			
1,3,5-Trimethylbenzene	0.0952	0.00200	"	0.100		95.2	70-130			
Benzene	0.0838	0.00200	"	0.100		83.8	70-130			
Ethylbenzene	0.0888	0.00200	"	0.100		88.8	70-130			
Naphthalene	0.103	0.00380	"	0.100		103	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
o-Xylene	0.0882	0.00200	"	0.100		88.2	70-130			
m,p-Xylene	0.180	0.00400	"	0.200		89.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		88.1	70-130			
Surrogate: Toluene-d8	0.15		"	0.125		121	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.0	70-130			

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Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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 B4G2232 - EPA 5030 (soil)

Matrix Spike (B4G2232-MS1)	Source: Y407537-01			Prepared: 07/22/2024 Analyzed: 07/22/2024						
1,2,4-Trimethylbenzene	0.0935	0.00200	mg/kg	0.100	ND	93.5	70-130			
1,3,5-Trimethylbenzene	0.0962	0.00200	"	0.100	0.000840	95.4	70-130			
Benzene	0.0891	0.00200	"	0.100	ND	89.1	70-130			
Ethylbenzene	0.0912	0.00200	"	0.100	ND	91.2	70-130			
Naphthalene	0.103	0.00380	"	0.100	ND	103	70-130			
Toluene	0.0992	0.00200	"	0.100	ND	99.2	70-130			
o-Xylene	0.0911	0.00200	"	0.100	ND	91.1	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		92.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.7	70-130			

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Chelsea Veryser
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 Project: Chevron - Trebor B12-05

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 B4G2232 - EPA 5030 (soil)

Matrix Spike Dup (B4G2232-MSD1)	Source: Y407537-01			Prepared: 07/22/2024 Analyzed: 07/22/2024						
1,2,4-Trimethylbenzene	0.0903	0.00200	mg/kg	0.100	ND	90.3	70-130	3.50	20	
1,3,5-Trimethylbenzene	0.105	0.00200	"	0.100	0.000840	104	70-130	9.01	20	
Benzene	0.0792	0.00200	"	0.100	ND	79.2	70-130	11.8	20	
Ethylbenzene	0.104	0.00200	"	0.100	ND	104	70-130	12.7	20	
Naphthalene	0.105	0.00380	"	0.100	ND	105	70-130	2.28	20	
Toluene	0.0871	0.00200	"	0.100	ND	87.1	70-130	13.0	20	
o-Xylene	0.106	0.00200	"	0.100	ND	106	70-130	15.4	20	
m,p-Xylene	0.209	0.00400	"	0.200	ND	105	70-130	12.8	20	
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		83.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.17		"	0.125		136	70-130			S-GC

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330 Grand Ave. Unit C

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Chelsea Veryser

Project Number: [none]

Project: Chevron - Trebor B12-05

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 B4G2301 - EPA 3550B

Blank (B4G2301-BLK1)

Prepared: 07/23/2024 Analyzed: 07/24/2024

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	23		"	24.9		92.8	50-150			

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330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Trebor B12-05

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 B4G2301 - EPA 3550B

LCS (B4G2301-BS1)

Prepared: 07/23/2024 Analyzed: 07/24/2024

Diesel (C10-C28)	895	50.0	mg/kg	1000		89.5	70-130			
Residual Range Organics (C28-C40)	1000	200	"	1000		100	70-130			
Surrogate: o-Terphenyl	50		"	49.8		100	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4G2301 - EPA 3550B

Matrix Spike (B4G2301-MS1)	Source: Y407538-02			Prepared: 07/23/2024 Analyzed: 07/24/2024						
Diesel (C10-C28)	897	50.0	mg/kg	1000	ND	89.7	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000	ND	101	70-130			
Surrogate: o-Terphenyl	48		"	49.8		97.4	50-150			

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330 Grand Ave. Unit C

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Project Number: [none]

Project: Chevron - Trebor B12-05

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 B4G2301 - EPA 3550B

Matrix Spike Dup (B4G2301-MSD1)	Source: Y407538-02			Prepared: 07/23/2024 Analyzed: 07/24/2024						
Diesel (C10-C28)	983	50.0	mg/kg	1000	ND	98.3	70-130	9.16	35	
Residual Range Organics (C28-C40)	1100	200	"	1000	ND	110	70-130	8.49	35	
Surrogate: o-Terphenyl	49		"	49.8		99.0	50-150			

Origins Laboratory, Inc.



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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Trebor B12-05

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 B4G1950 - EPA 3050B

Blank (B4G1950-BLK1)

Prepared: 07/22/2024 Analyzed: 07/25/2024

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 (B4G1950-BS1)

Prepared: 07/22/2024 Analyzed: 07/25/2024

Arsenic	5.27	0.290	mg/kg	5.00		105	80-120			
Barium	511	10.0	"	500		102	80-120			
Cadmium	5.20	0.100	"	5.00		104	80-120			
Copper	50.9	10.0	"	50.0		102	80-120			
Lead	5.37	1.00	"	5.00		107	80-120			
Nickel	5.17	1.00	"	5.00		103	80-120			
Selenium	5.28	0.260	"	5.00		106	80-120			
Silver	4.99	0.100	"	5.00		99.8	80-120			
Zinc	52.8	37.0	"	50.0		106	80-120			

Matrix Spike (B4G1950-MS1)

Source: Y407478-21

Prepared: 07/22/2024 Analyzed: 07/25/2024

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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 B4G1950 - EPA 3050B

Matrix Spike (B4G1950-MS1)		Source: Y407478-21			Prepared: 07/22/2024 Analyzed: 07/25/2024					
Arsenic	13.0	0.259	mg/kg	4.47	7.99	113	75-125			
Barium	632	8.93	"	447	209	94.8	75-125			
Cadmium	5.03	0.0893	"	4.47	0.217	108	75-125			
Copper	61.3	8.93	"	44.7	14.6	105	75-125			
Lead	17.2	0.893	"	4.47	11.9	118	75-125			
Nickel	21.3	0.893	"	4.47	16.3	111	75-125			
Selenium	5.05	0.232	"	4.47	0.207	108	75-125			
Silver	4.65	0.0893	"	4.47	0.0152	104	75-125			
Zinc	105	33.1	"	44.7	55.6	111	75-125			

Matrix Spike Dup (B4G1950-MSD1)		Source: Y407478-21			Prepared: 07/22/2024 Analyzed: 07/25/2024					
Arsenic	12.1	0.248	mg/kg	4.27	7.99	95.7	75-125	7.62	20	
Barium	593	8.54	"	427	209	89.9	75-125	6.49	20	
Cadmium	4.63	0.0854	"	4.27	0.217	103	75-125	8.37	20	
Copper	55.7	8.54	"	42.7	14.6	96.3	75-125	9.55	20	
Lead	16.0	0.854	"	4.27	11.9	95.8	75-125	7.13	20	
Nickel	20.2	0.854	"	4.27	16.3	92.4	75-125	4.96	20	
Selenium	4.45	0.222	"	4.27	0.207	99.4	75-125	12.6	20	
Silver	4.12	0.0854	"	4.27	0.0152	96.2	75-125	12.0	20	
Zinc	98.0	31.6	"	42.7	55.6	99.4	75-125	7.10	20	

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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 B4G2322 - EPA 3580

Blank (B4G2322-BLK1)

Prepared: 07/23/2024 Analyzed: 07/23/2024

1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua
Naphthalene	ND	0.002	"							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	180		"	200		88.2	60-130			
Surrogate: Pyrene-d10	210		"	200		103	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

LCS (B4G2322-BS1)

Prepared: 07/23/2024 Analyzed: 07/23/2024

1-Methylnaphthalene	0.172	0.002	mg/kg	0.200		86.2	70-130			
2-Methylnaphthalene	0.173	0.002	"	0.200		86.6	70-130			
Acenaphthene	0.192	0.020	"	0.200		96.1	70-130			
Anthracene	0.172	0.020	"	0.200		85.8	70-130			

Origins Laboratory, Inc.



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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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 B4G2322 - EPA 3580

LCS (B4G2322-BS1)

Prepared: 07/23/2024 Analyzed: 07/23/2024

Benzo (a) anthracene	0.163	0.005	mg/kg	0.200		81.6	70-130			
Benzo (a) pyrene	0.173	0.020	"	0.200		86.6	70-130			
Benzo (b) fluoranthene	0.222	0.020	"	0.200		111	70-130			
Benzo (g,h,i) perylene	0.197	0.020	"	0.200		98.7	70-130			
Benzo (k) fluoranthene	0.196	0.020	"	0.200		97.9	70-130			
Chrysene	0.181	0.020	"	0.200		90.3	70-130			
Dibenz (a,h) anthracene	0.238	0.020	"	0.200		119	70-130			
Fluoranthene	0.185	0.020	"	0.200		92.4	70-130			
Fluorene	0.197	0.020	"	0.200		98.6	70-130			
Indeno (1,2,3-cd) pyrene	0.216	0.020	"	0.200		108	70-130			
Naphthalene	0.190	0.002	"	0.200		94.8	70-130			
Phenanthrene	0.207	0.020	"	0.200		103	70-130			
Pyrene	0.186	0.020	"	0.200		93.2	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	180		"	200		87.6	60-130			
Surrogate: Pyrene-d10	200		"	200		99.1	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Matrix Spike (B4G2322-MS1)

Source: Y407526-17

Prepared: 07/23/2024 Analyzed: 07/23/2024

1-Methylnaphthalene	0.177	0.002	mg/kg	0.200	0.001	87.6	70-130			
2-Methylnaphthalene	0.177	0.002	"	0.200	ND	88.5	70-130			
Acenaphthene	0.192	0.020	"	0.200	ND	96.0	70-130			
Anthracene	0.172	0.020	"	0.200	0.0007	85.5	70-130			
Benzo (a) anthracene	0.162	0.005	"	0.200	0.001	80.5	70-130			
Benzo (a) pyrene	0.197	0.020	"	0.200	ND	98.4	70-130			
Benzo (b) fluoranthene	0.235	0.020	"	0.200	ND	118	70-130			
Benzo (g,h,i) perylene	0.218	0.020	"	0.200	ND	109	70-130			

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Entrada Consulting Group
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 Grand Junction CO 81501

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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 B4G2322 - EPA 3580

Matrix Spike (B4G2322-MS1)		Source: Y407526-17			Prepared: 07/23/2024 Analyzed: 07/23/2024					
Benzo (k) fluoranthene	0.221	0.020	mg/kg	0.200	ND	111	70-130			
Chrysene	0.177	0.020	"	0.200	0.0007	87.9	70-130			
Dibenz (a,h) anthracene	0.257	0.020	"	0.200	ND	128	70-130			
Fluoranthene	0.196	0.020	"	0.200	ND	98.1	70-130			
Fluorene	0.196	0.020	"	0.200	0.0006	97.8	70-130			
Indeno (1,2,3-cd) pyrene	0.233	0.020	"	0.200	0.001	116	70-130			
Naphthalene	0.192	0.002	"	0.200	0.0009	95.6	70-130			
Phenanthrene	0.212	0.020	"	0.200	0.0003	106	70-130			
Pyrene	0.192	0.020	"	0.200	0.0004	95.7	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		98.7	60-130			
Surrogate: Anthracene-d10	180		"	200		87.8	60-130			
Surrogate: Pyrene-d10	200		"	200		100	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		106	60-130			

Matrix Spike Dup (B4G2322-MSD1)		Source: Y407526-17			Prepared: 07/23/2024 Analyzed: 07/23/2024					
1-Methylnaphthalene	0.170	0.002	mg/kg	0.200	0.001	84.2	70-130	3.93	20	
2-Methylnaphthalene	0.163	0.002	"	0.200	ND	81.6	70-130	8.11	20	
Acenaphthene	0.184	0.020	"	0.200	ND	91.8	70-130	4.48	20	
Anthracene	0.167	0.020	"	0.200	0.0007	82.9	70-130	2.98	20	
Benzo (a) anthracene	0.163	0.005	"	0.200	0.001	81.0	70-130	0.597	20	
Benzo (a) pyrene	0.179	0.020	"	0.200	ND	89.3	70-130	9.77	20	
Benzo (b) fluoranthene	0.229	0.020	"	0.200	ND	114	70-130	2.78	20	
Benzo (g,h,i) perylene	0.204	0.020	"	0.200	ND	102	70-130	6.55	20	
Benzo (k) fluoranthene	0.183	0.020	"	0.200	ND	91.6	70-130	18.8	20	
Chrysene	0.190	0.020	"	0.200	0.0007	94.5	70-130	7.21	20	
Dibenz (a,h) anthracene	0.248	0.020	"	0.200	ND	124	70-130	3.58	20	
Fluoranthene	0.185	0.020	"	0.200	ND	92.5	70-130	5.79	20	

Origins Laboratory, Inc.



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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Trebor B12-05

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 B4G2322 - EPA 3580

Matrix Spike Dup (B4G2322-MSD1)	Source: Y407526-17			Prepared: 07/23/2024 Analyzed: 07/23/2024						
Fluorene	0.182	0.020	mg/kg	0.200	0.0006	90.5	70-130	7.71	20	
Indeno (1,2,3-cd) pyrene	0.220	0.020	"	0.200	0.001	110	70-130	5.70	20	
Naphthalene	0.189	0.002	"	0.200	0.0009	93.8	70-130	1.92	20	
Phenanthrene	0.211	0.020	"	0.200	0.0003	105	70-130	0.383	20	
Pyrene	0.183	0.020	"	0.200	0.0004	91.3	70-130	4.66	20	
Surrogate: Fluorene-d10	200		ug/kg	200		97.9	60-130			
Surrogate: Anthracene-d10	180		"	200		89.6	60-130			
Surrogate: Pyrene-d10	190		"	200		97.3	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Origins Laboratory, Inc.



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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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 B4G2308 - Saturated Paste Metals

Blank (B4G2308-BLK1)

Prepared: 07/23/2024 Analyzed: 07/24/2024

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 (B4G2308-DUP1)

Source: Y407515-03

Prepared: 07/23/2024 Analyzed: 07/24/2024

SAR	ND	0.0100	SAR		0.591				200	
Calcium PPM	32.6	10.0	mg/L		33.2			1.89	50	
Magnesium PPM	10.2	10.0	"		10.2			0.196	50	
Sodium PPM	15.0	10.0	"		15.2			0.926	50	

Batch B4G2315 - DTPA Sorbitol Preparation

Blank (B4G2315-BLK1)

Prepared: 07/23/2024 Analyzed: 07/24/2024

Boron	ND	0.100	mg/L							
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Duplicate (B4G2315-DUP1)

Source: Y407538-03

Prepared: 07/23/2024 Analyzed: 07/24/2024

Boron	0.525	0.100	mg/L		0.466			11.9	50	
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Entrada Consulting Group
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 Grand Junction CO 81501

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4G2321 - Saturated Paste pH/EC										
Blank (B4G2321-BLK1)					Prepared: 07/23/2024 Analyzed: 07/24/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B4G2321-DUP1)					Source: Y407515-03 Prepared: 07/23/2024 Analyzed: 07/24/2024					
Specific Conductance (EC)	0.343	0.00500	mmhos/cm		0.352			2.53	25	
pH	8.35		pH Units		8.24			1.33	25	

Origins Laboratory, Inc.



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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Trebor B12-05

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 2658113 - SW846 3060A										
BLANK (1205824653-BLK)					Prepared: 08/16/2024 Analyzed: 08/19/2024					
Hexavalent Chromium	ND	0.344	mg/kg				-			U
LCS (1205824654-BKS)					Prepared: 08/16/2024 Analyzed: 08/19/2024					
Hexavalent Chromium	3.15	0.320	mg/kg	3.20		98.4	80-120			
DUP (1205824655 D)					Source: 676929001 Prepared: 08/16/2024 Analyzed: 08/19/2024					
Hexavalent Chromium	0.343	0.378	mg/kg dry		0.383		0-50	11.2	50	J
MS (1205824656 S)					Source: 676929001 Prepared: 08/16/2024 Analyzed: 08/19/2024					
Hexavalent Chromium	2.48	0.378	mg/kg dry	3.78	0.383	55.5	75-125			
DUP (1205824657 D)					Source: 676969006 Prepared: 08/16/2024 Analyzed: 08/19/2024					
Hexavalent Chromium	0.235	0.259	mg/kg dry		0.289		0-50	21	50	J
MS (1205824658 S)					Source: 676969006 Prepared: 08/16/2024 Analyzed: 08/19/2024					
Hexavalent Chromium	1.73	0.259	mg/kg dry	2.59	0.289	55.6	75-125			
ILCS (1205824659-ILCS)					Prepared: 08/16/2024 Analyzed: 08/19/2024					
Hexavalent Chromium	4.33	0.214	mg/kg	4.36		99.5	80-120			

Origins Laboratory, Inc.



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

Chelsea Veryser
Project Number: [none]
Project: Chevron - Trebor B12-05

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

J Greater than the detection limit but less than the reporting limit

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at 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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