

June 25, 2024

Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Born-Sitzman 05

Project Number - [none]

Attached are your analytical results for Chevron - Born-Sitzman 05 received by Origins Laboratory, Inc. June 07, 2024. This project is associated with Origins project number Y406251-01.

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 - Born-Sitzman 05

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	Y406251-01	Soil	June 7, 2024 8:00	06/07/2024 17:20

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.

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

Chelsea Verysor
 Project Number: [none]
 Project: Chevron - Born-Sitzman 05

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



www.originslaboratory.com

Bill to Denver
 (Dusty Smith)

page 1 of 1

Client: Entrada
 Address: _____
 Telephone Number: 303-319-8705
 Email Address: Entrada Distribution
 Project Manager: Chelsea Verysor
 Project Name: Born-Sitzman 05
 Project Number: 577261
 Samples Collected By: Jen Colver

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil		
WH01-N@4	6/7/24	0800	2	X					X	Table 95	Hold
WH01-E@4		0815	1								Hold
WH01-W@4		0815	1								Hold
WH01-S@4		0820	1								Hold

Temp Received: 21.1°C Date Results Needed

Turnaround Time:
 Same Day
 24 Hr
 48 Hr
 72 Hr
 Standard

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 05

Origins Laboratory

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

Origins Work Order: y406251 Sample Receipt Checklist

Client: Entrada

Client Project ID: Born-Sitzman 05

Checklist Completed by: JH/ETH

Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/10/12 Airbill #: N/A

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

Cooler Number/Temperature: 1, 21.1 °C °C °C (Describe) _____

Thermometer ID: T005

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)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		/		
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)		/		
Additional Comments (if any):				

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

Reviewed by (Project Manager) ETH Date/Time Reviewed 6/10/12

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 05

WH01@6
6/7/2024 8:00:00AM

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

Origins Laboratory, Inc.
Y406251-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.432		0.101	mg/L	1	B4F1107	06/11/2024	06/12/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4F1101	06/11/2024	06/15/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	78.7 %		50-150			"	"	"	
------------------------	--------	--	--------	--	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4F1103	06/11/2024	06/12/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	107 %		70-130			"	"	"	
----------------------------------	-------	--	--------	--	--	---	---	---	--

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 05

WH01@6
 6/7/2024 8:00:00AM

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

Origins Laboratory, Inc.
 Y406251-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B4F11 03	06/11/2024	06/12/2024	
Surrogate: 4-Bromofluorobenzene	116 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	3.31	0.499	meq/L	10	[CALC]		06/11/2024	06/12/2024	
Magnesium	1.06	0.823	"	"	"	"	"	"	
Sodium	4.07	0.435	"	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4F1128		06/11/2024	06/14/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	"	Ua

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 05

WH01@6
6/7/2024 8:00:00AM

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

Origins Laboratory, Inc.
Y406251-01 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B4F1128	06/11/2024	06/14/2024	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	107 %		60-130			"	"	"	
Surrogate: Anthracene-d10	101 %		60-130			"	"	"	
Surrogate: Pyrene-d10	95.0 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.4 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.53			pH Units	1	B4F1119	06/11/2024	06/12/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.75		0.0100	SAR	1	B4F1113	06/11/2024	06/12/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.943		0.00500	mmhos/cm	1	B4F1119	06/11/2024	06/12/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 05

WH01@6
 6/7/2024 8:00:00AM

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

Origins Laboratory, Inc.
 Y406251-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.82		0.262	mg/kg	10	B4F1031	06/10/2024	06/18/2024	
Barium	252		9.04	"	"	"	"	"	
Cadmium	0.161		0.0904	"	"	"	"	"	
Copper	10.4		9.04	"	"	"	"	"	
Lead	16.7		0.904	"	"	"	"	"	
Nickel	9.04		0.904	"	"	"	"	"	
Selenium	ND		0.235	"	"	"	"	"	
Silver	ND		0.0904	"	"	"	"	"	
Zinc	47.9		33.4	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.141	0.352	mg/kg dry	1	2630059	06/21/2024	06/22/2024	U
---------------------	----	-------	-------	-----------	---	---------	------------	------------	---

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
Batch B4F1101 - EPA 3550B										
Blank (B4F1101-BLK1)										
					Prepared: 06/11/2024 Analyzed: 06/15/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	21		"	24.9		83.5	50-150			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1101 - EPA 3550B

LCS (B4F1101-BS1)

Prepared: 06/11/2024 Analyzed: 06/15/2024

Diesel (C10-C28)	851	50.0	mg/kg	1000		85.1	70-130			
Residual Range Organics (C28-C40)	953	200	"	1000		95.3	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.1	50-150			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1101 - EPA 3550B

Matrix Spike (B4F1101-MS1)	Source: Y406251-01			Prepared: 06/11/2024 Analyzed: 06/15/2024						
Diesel (C10-C28)	912	50.0	mg/kg	1000	ND	91.2	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000	50.4	95.7	70-130			
Surrogate: o-Terphenyl	51		"	49.8		102	50-150			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
Batch B4F1101 - EPA 3550B										
Matrix Spike Dup (B4F1101-MSD1)					Source: Y406251-01					Prepared: 06/11/2024 Analyzed: 06/15/2024
Diesel (C10-C28)	883	50.0	mg/kg	1000	ND	88.3	70-130	3.30	35	
Residual Range Organics (C28-C40)	974	200	"	1000	50.4	92.3	70-130	3.46	35	
Surrogate: o-Terphenyl	49		"	49.8		97.6	50-150			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1103 - EPA 5030 (soil)

Blank (B4F1103-BLK1)

Prepared: 06/11/2024 Analyzed: 06/11/2024

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	0.10		"	0.125	81.9		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	102		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	107		70-130			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1103 - EPA 5030 (soil)

LCS (B4F1103-BS1)

Prepared: 06/11/2024 Analyzed: 06/11/2024

1,2,4-Trimethylbenzene	0.0886	0.00200	mg/kg	0.100		88.6	70-130			
1,3,5-Trimethylbenzene	0.0893	0.00200	"	0.100		89.3	70-130			
Benzene	0.0809	0.00200	"	0.100		80.9	70-130			
Ethylbenzene	0.0881	0.00200	"	0.100		88.1	70-130			
Naphthalene	0.0909	0.00380	"	0.100		90.9	70-130			
Toluene	0.0819	0.00200	"	0.100		81.9	70-130			
o-Xylene	0.0909	0.00200	"	0.100		90.9	70-130			
m,p-Xylene	0.178	0.00400	"	0.200		89.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		87.0	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1103 - EPA 5030 (soil)

Matrix Spike (B4F1103-MS1)	Source: Y406198-01			Prepared: 06/11/2024 Analyzed: 06/11/2024						
1,2,4-Trimethylbenzene	0.0929	0.00200	mg/kg	0.100	ND	92.9	70-130			
1,3,5-Trimethylbenzene	0.0928	0.00200	"	0.100	ND	92.8	70-130			
Benzene	0.0817	0.00200	"	0.100	ND	81.7	70-130			
Ethylbenzene	0.0920	0.00200	"	0.100	ND	92.0	70-130			
Naphthalene	0.0936	0.00380	"	0.100	0.00136	92.2	70-130			
Toluene	0.0839	0.00200	"	0.100	ND	83.9	70-130			
o-Xylene	0.0951	0.00200	"	0.100	ND	95.1	70-130			
m,p-Xylene	0.186	0.00400	"	0.200	ND	92.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		81.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		107	70-130			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1103 - EPA 5030 (soil)

Matrix Spike Dup (B4F1103-MSD1)	Source: Y406198-01			Prepared: 06/11/2024 Analyzed: 06/11/2024						
1,2,4-Trimethylbenzene	0.0948	0.00200	mg/kg	0.100	ND	94.8	70-130	2.09	20	
1,3,5-Trimethylbenzene	0.0942	0.00200	"	0.100	ND	94.2	70-130	1.52	20	
Benzene	0.0858	0.00200	"	0.100	ND	85.8	70-130	4.85	20	
Ethylbenzene	0.0942	0.00200	"	0.100	ND	94.2	70-130	2.32	20	
Naphthalene	0.0973	0.00380	"	0.100	0.00136	95.9	70-130	3.86	20	
Toluene	0.0866	0.00200	"	0.100	ND	86.6	70-130	3.14	20	
o-Xylene	0.0968	0.00200	"	0.100	ND	96.8	70-130	1.77	20	
m,p-Xylene	0.191	0.00400	"	0.200	ND	95.7	70-130	3.05	20	
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		81.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		107	70-130			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

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 B4F1031 - EPA 3050B

Blank (B4F1031-BLK1)

Prepared: 06/10/2024 Analyzed: 06/18/2024

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 (B4F1031-BS1)

Prepared: 06/10/2024 Analyzed: 06/18/2024

Arsenic	5.01	0.290	mg/kg	5.00		100	80-120			
Barium	552	10.0	"	500		110	80-120			
Cadmium	5.34	0.100	"	5.00		107	80-120			
Copper	50.3	10.0	"	50.0		101	80-120			
Lead	5.38	1.00	"	5.00		108	80-120			
Nickel	5.32	1.00	"	5.00		106	80-120			
Selenium	9.51	0.260	"	9.50		100	80-120			
Silver	5.56	0.100	"	5.00		111	80-120			
Zinc	54.8	37.0	"	50.0		110	80-120			

Matrix Spike (B4F1031-MS1)

Source: Y406246-01

Prepared: 06/10/2024 Analyzed: 06/18/2024

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1031 - EPA 3050B

Matrix Spike (B4F1031-MS1)		Source: Y406246-01			Prepared: 06/10/2024 Analyzed: 06/18/2024					
Arsenic	5.40	0.245	mg/kg	4.22	1.06	103	75-125			
Barium	518	8.45	"	422	66.5	107	75-125			
Cadmium	4.65	0.0845	"	4.22	0.0668	109	75-125			
Copper	47.6	8.45	"	42.2	3.16	105	75-125			
Lead	10.1	0.845	"	4.22	5.40	111	75-125			
Nickel	6.98	0.845	"	4.22	2.40	108	75-125			
Selenium	8.02	0.220	"	8.03	0.0600	99.2	75-125			
Silver	4.78	0.0845	"	4.22	0.00968	113	75-125			
Zinc	60.6	31.3	"	42.2	16.6	104	75-125			

Matrix Spike Dup (B4F1031-MSD1)		Source: Y406246-01			Prepared: 06/10/2024 Analyzed: 06/18/2024					
Arsenic	4.64	0.211	mg/kg	3.64	1.06	98.3	75-125	15.3	20	
Barium	450	7.28	"	364	66.5	106	75-125	14.0	20	
Cadmium	3.93	0.0728	"	3.64	0.0668	106	75-125	16.8	20	
Copper	40.7	7.28	"	36.4	3.16	103	75-125	15.7	20	
Lead	9.96	0.728	"	3.64	5.40	125	75-125	1.21	20	
Nickel	6.04	0.728	"	3.64	2.40	99.9	75-125	14.4	20	
Selenium	7.30	0.189	"	6.91	0.0600	105	75-125	9.47	20	
Silver	4.02	0.0728	"	3.64	0.00968	110	75-125	17.4	20	
Zinc	55.1	26.9	"	36.4	16.6	106	75-125	9.53	20	

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1128 - EPA 3580

Blank (B4F1128-BLK1)

Prepared: 06/11/2024 Analyzed: 06/14/2024

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		100	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	230		"	200		113	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		107	60-130			

LCS (B4F1128-BS1)

Prepared: 06/11/2024 Analyzed: 06/17/2024

1-Methylnaphthalene	0.184	0.002	mg/kg	0.200		92.2	70-130			
2-Methylnaphthalene	0.184	0.002	"	0.200		92.1	70-130			
Acenaphthene	0.189	0.020	"	0.200		94.3	70-130			
Anthracene	0.201	0.020	"	0.200		100	70-130			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1128 - EPA 3580

LCS (B4F1128-BS1)

Prepared: 06/11/2024 Analyzed: 06/17/2024

Benzo (a) anthracene	0.228	0.005	mg/kg	0.200		114	70-130			
Benzo (a) pyrene	0.204	0.020	"	0.200		102	70-130			
Benzo (b) fluoranthene	0.182	0.020	"	0.200		90.8	70-130			
Benzo (g,h,i) perylene	0.172	0.020	"	0.200		85.9	70-130			
Benzo (k) fluoranthene	0.185	0.020	"	0.200		92.7	70-130			
Chrysene	0.204	0.020	"	0.200		102	70-130			
Dibenz (a,h) anthracene	0.190	0.020	"	0.200		94.9	70-130			
Fluoranthene	0.198	0.020	"	0.200		99.0	70-130			
Fluorene	0.194	0.020	"	0.200		97.0	70-130			
Indeno (1,2,3-cd) pyrene	0.226	0.020	"	0.200		113	70-130			
Naphthalene	0.187	0.002	"	0.200		93.5	70-130			
Phenanthrene	0.185	0.020	"	0.200		92.5	70-130			
Pyrene	0.200	0.020	"	0.200		100	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	200		"	200		101	60-130			
Surrogate: Pyrene-d10	210		"	200		103	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Matrix Spike (B4F1128-MS1)

Source: Y406247-01

Prepared: 06/11/2024 Analyzed: 06/14/2024

1-Methylnaphthalene	0.193	0.002	mg/kg	0.200	0.0005	96.5	70-130			
2-Methylnaphthalene	0.194	0.002	"	0.200	0.001	96.3	70-130			
Acenaphthene	0.195	0.020	"	0.200	ND	97.4	70-130			
Anthracene	0.206	0.020	"	0.200	0.0004	103	70-130			
Benzo (a) anthracene	0.230	0.005	"	0.200	0.002	114	70-130			
Benzo (a) pyrene	0.209	0.020	"	0.200	0.003	103	70-130			
Benzo (b) fluoranthene	0.203	0.020	"	0.200	0.002	100	70-130			
Benzo (g,h,i) perylene	0.199	0.020	"	0.200	0.004	97.8	70-130			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1128 - EPA 3580

Matrix Spike (B4F1128-MS1)		Source: Y406247-01			Prepared: 06/11/2024 Analyzed: 06/14/2024					
Benzo (k) fluoranthene	0.224	0.020	mg/kg	0.200	0.0006	112	70-130			
Chrysene	0.209	0.020	"	0.200	0.003	103	70-130			
Dibenz (a,h) anthracene	0.205	0.020	"	0.200	ND	103	70-130			
Fluoranthene	0.224	0.020	"	0.200	0.002	111	70-130			
Fluorene	0.203	0.020	"	0.200	ND	102	70-130			
Indeno (1,2,3-cd) pyrene	0.212	0.020	"	0.200	0.001	105	70-130			
Naphthalene	0.194	0.002	"	0.200	0.001	96.1	70-130			
Phenanthrene	0.195	0.020	"	0.200	0.002	96.5	70-130			
Pyrene	0.194	0.020	"	0.200	0.004	94.9	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		106	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	200		"	200		97.6	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		105	60-130			

Matrix Spike Dup (B4F1128-MSD1)		Source: Y406247-01			Prepared: 06/11/2024 Analyzed: 06/14/2024					
1-Methylnaphthalene	0.192	0.002	mg/kg	0.200	0.0005	95.7	70-130	0.835	20	
2-Methylnaphthalene	0.193	0.002	"	0.200	0.001	95.9	70-130	0.439	20	
Acenaphthene	0.196	0.020	"	0.200	ND	97.9	70-130	0.497	20	
Anthracene	0.202	0.020	"	0.200	0.0004	101	70-130	1.96	20	
Benzo (a) anthracene	0.216	0.005	"	0.200	0.002	107	70-130	6.01	20	
Benzo (a) pyrene	0.213	0.020	"	0.200	0.003	105	70-130	2.10	20	
Benzo (b) fluoranthene	0.201	0.020	"	0.200	0.002	99.5	70-130	0.799	20	
Benzo (g,h,i) perylene	0.182	0.020	"	0.200	0.004	89.3	70-130	8.86	20	
Benzo (k) fluoranthene	0.214	0.020	"	0.200	0.0006	107	70-130	4.23	20	
Chrysene	0.205	0.020	"	0.200	0.003	101	70-130	1.81	20	
Dibenz (a,h) anthracene	0.194	0.020	"	0.200	ND	97.1	70-130	5.57	20	
Fluoranthene	0.210	0.020	"	0.200	0.002	104	70-130	6.66	20	

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1128 - EPA 3580

Matrix Spike Dup (B4F1128-MSD1)	Source: Y406247-01			Prepared: 06/11/2024 Analyzed: 06/14/2024						
Fluorene	0.200	0.020	mg/kg	0.200	ND	100	70-130	1.71	20	
Indeno (1,2,3-cd) pyrene	0.198	0.020	"	0.200	0.001	98.1	70-130	7.07	20	
Naphthalene	0.192	0.002	"	0.200	0.001	95.3	70-130	0.926	20	
Phenanthrene	0.195	0.020	"	0.200	0.002	96.4	70-130	0.0584	20	
Pyrene	0.201	0.020	"	0.200	0.004	98.5	70-130	3.69	20	
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	200		"	200		101	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4F1107 - DTPA Sorbitol Preparation

Blank (B4F1107-BLK1)

Prepared: 06/11/2024 Analyzed: 06/12/2024

Boron ND 0.100 mg/L

Duplicate (B4F1107-DUP1)

Source: Y406249-01

Prepared: 06/11/2024 Analyzed: 06/12/2024

Boron 0.392 0.100 mg/L 0.392 0.0268 50

Batch B4F1113 - Saturated Paste Metals

Blank (B4F1113-BLK1)

Prepared: 06/11/2024 Analyzed: 06/12/2024

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 (B4F1113-DUP1)

Source: Y406202-01

Prepared: 06/11/2024 Analyzed: 06/12/2024

SAR ND 0.0100 SAR 2.47 200

Calcium PPM 30.7 10.0 mg/L 30.8 0.130 50

Magnesium PPM 8.53 10.0 " 8.44 1.06 50

Sodium PPM 67.9 10.0 " 60.0 12.4 50

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 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 B4F1119 - Saturated Paste pH/EC										
Blank (B4F1119-BLK1)					Prepared: 06/11/2024 Analyzed: 06/12/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B4F1119-DUP1)					Source: Y406202-01 Prepared: 06/11/2024 Analyzed: 06/12/2024					
pH	8.21		pH Units		8.41			2.41	25	
Specific Conductance (EC)	0.622	0.00500	mmhos/cm		0.566			9.40	25	

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.

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

Chelsea Veryser
 Project Number: [none]
 Project: Chevron - Born-Sitzman 05

Total Metals 7196A - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2630059 - SW846 3060A										
BLANK (1205768649-BLK)					Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexavalent Chromium	ND	0.294	mg/kg				-			U
LCS (1205768650-BKS)					Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexavalent Chromium	3.18	0.319	mg/kg	3.19		99.9	80-120			
DUP (1205768651 D)					Source: 670241001 Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexavalent Chromium	ND	0.427	mg/kg dry		<0.171		0-50	N/A	50	U
MS (1205768652 S)					Source: 670241001 Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexavalent Chromium	3.51	0.427	mg/kg dry	4.27	<0.171	79.7	75-125			
DUP (1205768653 D)					Source: 671386004 Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexavalent Chromium	ND	0.298	mg/kg dry		<0.119		0-50	N/A	50	U
MS (1205768654 S)					Source: 671386004 Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexavalent Chromium	2.09	0.298	mg/kg dry	2.98	<0.119	67.5	75-125			
ILCS (1205768655-ILCS)					Prepared: 06/21/2024 Analyzed: 06/22/2024					
Hexavalent Chromium	5.73	0.283	mg/kg	5.83		98.4	80-120			

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.

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

Chelsea Veryser
Project Number: [none]
Project: Chevron - Born-Sitzman 05

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

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.



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.