



**Fremont Environmental**  
**Ethan Black**  
**8305 6th St, PO Box 1289**  
**Wellington CO 80549**

**April 22, 2025**

**Project Name - Chevron - Gollner THN R67W-S27 L02 Facility**    **Project Number - [none]**

Attached are your analytical results for Chevron - Gollner THN R67W-S27 L02 Facility received by Origins Laboratory March 19, 2025. This project is associated with Origins project number E5C0791-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows: "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory  
303.433.1322  
projectmanager@originslab.com



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





Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG1 5 FT	E5C0791-01	Soil	March 18, 2025 8:00	03/19/2025 17:15
BKG1 6 FT	E5C0791-02	Soil	March 18, 2025 8:10	03/19/2025 17:15
BKG1 8 FT	E5C0791-03	Soil	March 18, 2025 8:20	03/19/2025 17:15
BKG1 11 FT	E5C0791-04	Soil	March 18, 2025 8:25	03/19/2025 17:15
BKG2 5 FT	E5C0791-05	Soil	March 18, 2025 8:30	03/19/2025 17:15
BKG2 6 FT	E5C0791-06	Soil	March 18, 2025 8:35	03/19/2025 17:15
BKG2 8 FT	E5C0791-07	Soil	March 18, 2025 8:40	03/19/2025 17:15
BKG2 11 FT	E5C0791-08	Soil	March 18, 2025 8:45	03/19/2025 17:15
BKG3 5 FT	E5C0791-09	Soil	March 18, 2025 8:50	03/19/2025 17:15
BKG3 6 FT	E5C0791-10	Soil	March 18, 2025 8:55	03/19/2025 17:15
BKG3 8 FT	E5C0791-11	Soil	March 18, 2025 9:00	03/19/2025 17:15
BKG3 11 FT	E5C0791-12	Soil	March 18, 2025 9:05	03/19/2025 17:15
BKG4 5 FT	E5C0791-13	Soil	March 18, 2025 9:10	03/19/2025 17:15
BKG4 6 FT	E5C0791-14	Soil	March 18, 2025 9:15	03/19/2025 17:15

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8305 6th St, PO Box 1289

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Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG4 11 FT	E5C0791-15	Soil	March 18, 2025 9:20	03/19/2025 17:15
BKG5 5 FT	E5C0791-16	Soil	March 18, 2025 9:25	03/19/2025 17:15
BKG5 6 FT	E5C0791-17	Soil	March 18, 2025 9:30	03/19/2025 17:15
BKG5 8 FT	E5C0791-18	Soil	March 18, 2025 9:35	03/19/2025 17:15
BKG5 11 FT	E5C0791-19	Soil	March 18, 2025 9:40	03/19/2025 17:15

Samples were received on 03/19/2025 at 1715. KDK

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Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

Sample ID	Date	Time	# of Containers	Matrix	Preservative	Analysis	Comments
BK-1 5FT	3/18/15	8:00	2	Soil	None		
BK-1 6FT		8:10			X		
BK-1 8FT		8:20			X		
BK-1 11FT		8:25					
BK-2 5FT		8:30					
BK-2 6FT		8:35					
BK-2 8FT		8:40					
BK-2 11FT		8:45					
BK-3 5FT		8:50					
BK-3 6FT		8:55					

Temp Received: 43 Re

Standard

Client: Fremont Environmental  
Address: \_\_\_\_\_  
Telephone Number: 804-423-2006  
Email Address: jen@fremontenv.com  
Project Manager: Ethan Black  
Project Name: Gollner THN R67W-S27  
Project Number: L02-139  
Facility: L02 Facility  
Key: W=Water  
SW=Groundwater  
SWS=Surface Water  
WW=Waste Water  
L=Liquid  
S=Soil  
D=Oil  
G=Gas  
H=Hydrocarbons  
HCL=Hydrochloric  
HNO3=Nitric  
H2SO4=Sulfuric  
NaOH=Sodium Hydroxide

ES00 791

Page 1 of 2

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*[Signature]*

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Kayla Kenyon For Jen Pellegrini, Project Manager

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# ORIGINS LABORATORY

Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**ORIGINS**  
LABORATORY

**ES6791**

Page 2 of 2

Client: Fremont Environmental  
Address: \_\_\_\_\_

Project Manager: Ethan Black  
Project Name: Gollner THN R67W-S27  
L02 Facility

Key: W=Water  
GW=Groundwater

Telephone Number: 614-423-2018  
Email Address: jeanette@fremontenv.com, fremont@fremontenv.com

Collected By: Jordan Smith  
Invoice/Billing Info: Location - Dan Peterson  
VMWF-43535-EXP  
S=Soil | SO=Solid | D=Oil | A=Air | L=Liquid | H=Hydrochloric | H2O=Water | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

SW=Surface Water  
WW=Waste Water  
L=Liquid

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis	Comments
BK-3 8Ft	3/19/15	9:00	2	None	X	
BK-3 11Ft		9:05				
BK-4 5Ft		9:10				
BK-4 6Ft		9:15				
BK-4 11Ft		9:20				
BK-4 5Ft		9:25				
BK-5 6Ft		9:30				
BK-5 8Ft		9:35				
BK-5 11Ft		9:40				

Temp Received: 43

Received On Ice? Yes

☒ 48 Hr ☐ 72  
☐ Standard

☐ SAME ☐ 24 Hr  
DNV

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*[Signature]*

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Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02 Facility

Origins Laboratory

Sample Receipt Checklist

F-012207-01-R1

Effective Date: 01/09/12

Origins Work Order: ESCOT91

Client: Fremont

Client Project ID: gollner THN R67W

Checklist Completed by: VOK / SC  
Date/time completed: 3/19/13 10:25

Shipped Via: HD  
(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, 4.3 °C ☐ °C ☐ °C (Describe) \_\_\_\_\_ °C

Thermometer ID: 1007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature due within 48 hours present <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water — is there headspace (> 1/4 inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note: ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontraction analyses in order to insure sample integrity) (pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with Na <sub>2</sub> O <sub>2</sub> -NaOH, 2-Aceto-NEOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup> 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) AM

Date/Time Reviewed 3/21/12

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG1 5 FT**

**3/18/2025 8:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-01 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	2.28	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	13.6	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	31.3	0.823	"	"	"	"	"
Sodium	23.2	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.06		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	4.89	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	4.57	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.37	0.268	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	197	9.26	"	"	"	"	"
Cadmium	0.206	0.0926	"	"	"	"	"
Copper	14.5	9.26	"	"	"	"	"

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Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG1 5 FT**

**3/18/2025 8:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-01 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	11.1	0.926	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	16.6	0.926	"	"	"	"	"
Selenium	0.292	0.241	"	"	"	"	"
Silver	ND	0.0926	"	"	"	"	U
Zinc	57.6	34.2	"	"	"	"	"

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101210	03/18/2025	03/28/2025
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG1 6 FT**

**3/18/2025 8:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-02 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	1.34	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	5.56	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	13.2	0.823	"	"	"	"	"
Sodium	10.5	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.12		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	3.45	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.24	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	5.88	0.260	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	121	8.98	"	"	"	"	"
Cadmium	0.182	0.0898	"	"	"	"	"
Copper	12.9	8.98	"	"	"	"	"

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8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG1 6 FT**

**3/18/2025 8:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-02 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	10.7	0.898	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	14.6	0.898	"	"	"	"	"	
Selenium	ND	0.233	"	"	"	"	"	U
Silver	ND	0.0898	"	"	"	"	"	U
Zinc	52.4	33.2	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101210	03/18/2025	03/28/2025	
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Origins Laboratory

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8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG1 8 FT**

**3/18/2025 8:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-03 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.965	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	5.15	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	10.9	0.823	"	"	"	"	"
Sodium	2.60	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.04		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.919	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.47	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.46	0.287	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	140	9.88	"	"	"	"	"
Cadmium	0.182	0.0988	"	"	"	"	"
Copper	11.4	9.88	"	"	"	"	"

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8305 6th St, PO Box 1289  
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Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG1 8 FT**

**3/18/2025 8:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-03 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	8.38	0.988	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	12.6	0.988	"	"	"	"	"	
Selenium	ND	0.257	"	"	"	"	"	U
Silver	ND	0.0988	"	"	"	"	"	U
Zinc	38.7	36.6	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101210	03/18/2025	03/28/2025	
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8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG1 11 FT**

**3/18/2025 8:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-04 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.597	0.101	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	2.53	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	4.86	0.823	"	"	"	"	"
Sodium	1.49	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.19		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.777	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.779	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	4.60	0.262	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	117	9.05	"	"	"	"	"
Cadmium	0.153	0.0905	"	"	"	"	"
Copper	9.37	9.05	"	"	"	"	"

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02

Facility

BKG1 11 FT

3/18/2025 8:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-04 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	9.18	0.905	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	12.0	0.905	"	"	"	"	"	
Selenium	ND	0.235	"	"	"	"	"	U
Silver	ND	0.0905	"	"	"	"	"	U
Zinc	45.3	33.5	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101210	03/18/2025	03/28/2025	
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8305 6th St, PO Box 1289

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Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 5 FT**

**3/18/2025 8:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-05 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	1.10	0.0998	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	15.5	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	16.4	0.823	"	"	"	"	"
Sodium	6.99	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	7.89		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	1.75	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.73	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.02	0.269	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	143	9.29	"	"	"	"	"
Cadmium	0.233	0.0929	"	"	"	"	"
Copper	13.9	9.29	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 5 FT**

**3/18/2025 8:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-05 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	10.6	0.929	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	16.1	0.929	"	"	"	"	"
Selenium	0.272	0.241	"	"	"	"	"
Silver	ND	0.0929	"	"	"	"	U
Zinc	52.2	34.4	"	"	"	"	"

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101210	03/18/2025	03/28/2025
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 6 FT**

**3/18/2025 8:35:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-06 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	1.81	0.0993	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	7.93	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	12.0	0.823	"	"	"	"	"
Sodium	7.42	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.06		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	2.35	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.11	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.59	0.262	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	173	9.04	"	"	"	"	"
Cadmium	0.178	0.0904	"	"	"	"	"
Copper	12.5	9.04	"	"	"	"	"

Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 6 FT**

**3/18/2025 8:35:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-06 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	10.2	0.904	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	14.8	0.904	"	"	"	"	"
Selenium	0.284	0.235	"	"	"	"	"
Silver	ND	0.0904	"	"	"	"	U
Zinc	52.1	33.5	"	"	"	"	"

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101210	03/18/2025	03/28/2025
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Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 8 FT**

**3/18/2025 8:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-07 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	1.57	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	4.34	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	9.87	0.823	"	"	"	"	"
Sodium	11.5	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.17	pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	4.33	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.05	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	20.1	0.246	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	123	8.47	"	"	"	"	"
Cadmium	0.147	0.0847	"	"	"	"	"
Copper	ND	8.47	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 8 FT**

**3/18/2025 8:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-07 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	6.78	0.847	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	15.1	0.847	"	"	"	"	"	
Selenium	0.221	0.220	"	"	"	"	"	
Silver	ND	0.0847	"	"	"	"	"	U
Zinc	40.9	31.3	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025	
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 11 FT**

**3/18/2025 8:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-08 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.972	0.0994	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	3.32	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	6.79	0.823	"	"	"	"	"
Sodium	8.39	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.09		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	3.73	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.59	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	43.8	0.257	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	40.7	8.86	"	"	"	"	"
Cadmium	ND	0.0886	"	"	"	"	U
Copper	ND	8.86	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG2 11 FT**  
**3/18/2025 8:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-08 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	9.05	0.886	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	5.52	0.886	"	"	"	"	"
Selenium	0.241	0.230	"	"	"	"	"
Silver	ND	0.0886	"	"	"	"	U
Zinc	34.9	32.8	"	"	"	"	"

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025
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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG3 5 FT**

**3/18/2025 8:50:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-09 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.874	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	2.24	0.499	meq/L	10	[CALC]	04/01/2025	04/04/2025
Magnesium	1.85	0.823	"	"	"	"	"
Sodium	0.931	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.21		pH Units	1	B5D0134	04/01/2025	04/03/2025
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**SAR by 20B Saturated Paste**

SAR	0.651	0.0100	SAR	1	B5D0130	04/01/2025	04/04/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.504	0.00500	mmhos/cm	1	B5D0134	04/01/2025	04/03/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.18	0.264	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	149	9.12	"	"	"	"	"
Cadmium	0.211	0.0912	"	"	"	"	"
Copper	14.9	9.12	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02

Facility

BKG3 5 FT

3/18/2025 8:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0791-09 (Soil)  
Origins Laboratory

Table 915 metals by EPA 6020B

Lead	11.8	0.912	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	17.2	0.912	"	"	"	"	"
Selenium	0.308	0.237	"	"	"	"	"
Silver	ND	0.0912	"	"	"	"	U
Zinc	60.4	33.7	"	"	"	"	"

Waypoint Analytical, LLC.

Total Metals 7196A

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025
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Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG3 6 FT**

**3/18/2025 8:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-10 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	1.31	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.58	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.69	0.823	"	"	"	"	"
Sodium	0.786	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.20	pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.615	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.379	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.04	0.261	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	174	9.00	"	"	"	"	"
Cadmium	0.169	0.0900	"	"	"	"	"
Copper	15.1	9.00	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





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8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG3 6 FT**

**3/18/2025 8:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-10 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	12.5	0.900	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	18.6	0.900	"	"	"	"	"	
Selenium	0.310	0.234	"	"	"	"	"	
Silver	ND	0.0900	"	"	"	"	"	U
Zinc	64.3	33.3	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025	
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG3 8 FT**

**3/18/2025 9:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-11 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	1.15	0.0996	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.77	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.69	0.823	"	"	"	"	"
Sodium	0.686	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.18		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.522	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.396	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	5.23	0.272	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	128	9.38	"	"	"	"	"
Cadmium	0.179	0.0938	"	"	"	"	"
Copper	11.9	9.38	"	"	"	"	"

Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG3 8 FT**

**3/18/2025 9:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-11 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	10.4	0.938	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	14.4	0.938	"	"	"	"	"
Selenium	0.244	0.244	"	"	"	"	"
Silver	ND	0.0938	"	"	"	"	U
Zinc	49.9	34.7	"	"	"	"	"

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025
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Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG3 11 FT**

**3/18/2025 9:05:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-12 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.342	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	0.855	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.43	0.823	"	"	"	"	"
Sodium	0.981	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.32		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.917	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.325	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	1.55	0.274	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	184	9.44	"	"	"	"	"
Cadmium	ND	0.0944	"	"	"	"	U
Copper	ND	9.44	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02

Facility

BKG3 11 FT

3/18/2025 9:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-12 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	6.56	0.944	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	8.25	0.944	"	"	"	"	"	
Selenium	ND	0.245	"	"	"	"	"	U
Silver	ND	0.0944	"	"	"	"	"	U
Zinc	ND	34.9	"	"	"	"	"	U

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025	
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG4 5 FT**

**3/18/2025 9:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-13 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.289	0.0999	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.19	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.46	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.27		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.373	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.289	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.32	0.286	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	159	9.85	"	"	"	"	"
Cadmium	0.215	0.0985	"	"	"	"	"
Copper	15.5	9.85	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02

Facility

**BKG4 5 FT**

**3/18/2025 9:10:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-13 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	11.8	0.985	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	16.9	0.985	"	"	"	"	"
Selenium	0.322	0.256	"	"	"	"	"
Silver	ND	0.0985	"	"	"	"	U
Zinc	61.4	36.4	"	"	"	"	"

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG4 6 FT**

**3/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-14 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.541	0.0989	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.27	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.76	0.823	"	"	"	"	"
Sodium	0.618	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.23		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.502	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.346	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	9.34	0.253	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	128	8.74	"	"	"	"	"
Cadmium	0.175	0.0874	"	"	"	"	"
Copper	11.0	8.74	"	"	"	"	"

Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG4 6 FT**

**3/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-14 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	9.92	0.874	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	13.6	0.874	"	"	"	"	"	
Selenium	ND	0.227	"	"	"	"	"	U
Silver	ND	0.0874	"	"	"	"	"	U
Zinc	48.2	32.3	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025	
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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG4 11 FT**  
**3/18/2025 9:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-15 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.312	0.100	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.740	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.15		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	1.27	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.151	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	8.95	0.260	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	19.2	8.96	"	"	"	"	"
Cadmium	ND	0.0896	"	"	"	"	U

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG4 11 FT**  
**3/18/2025 9:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-15 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Copper	ND	8.96	mg/kg	10	B5C2519	03/25/2025	03/31/2025	U
Lead	6.66	0.896	"	"	"	"	"	
Nickel	1.99	0.896	"	"	"	"	"	
Selenium	ND	0.233	"	"	"	"	"	U
Silver	ND	0.0896	"	"	"	"	"	U
Zinc	ND	33.1	"	"	"	"	"	U

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG5 5 FT**

**3/18/2025 9:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-16 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.738	0.0998	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	3.62	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.62	0.823	"	"	"	"	"
Sodium	2.08	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.12		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	1.29	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.723	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.32	0.277	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	215	9.54	"	"	"	"	"
Cadmium	0.257	0.0954	"	"	"	"	"
Copper	15.8	9.54	"	"	"	"	"

Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG5 5 FT**

**3/18/2025 9:25:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-16 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	12.4	0.954	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Nickel	17.7	0.954	"	"	"	"	"
Selenium	0.323	0.248	"	"	"	"	"
Silver	ND	0.0954	"	"	"	"	U
Zinc	63.4	35.3	"	"	"	"	"

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG5 6 FT**

**3/18/2025 9:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-17 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.649	0.0993	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.55	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.20	0.823	"	"	"	"	"
Sodium	0.904	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.23		pH Units	1	B5C2775	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.771	0.0100	SAR	1	B5C2769	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.364	0.00500	mmhos/cm	1	B5C2775	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	5.28	0.258	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	235	8.88	"	"	"	"	"
Cadmium	0.183	0.0888	"	"	"	"	"
Copper	11.3	8.88	"	"	"	"	"

Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02

Facility

**BKG5 6 FT**

**3/18/2025 9:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-17 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	9.40	0.888	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	13.8	0.888	"	"	"	"	"	
Selenium	ND	0.231	"	"	"	"	"	U
Silver	ND	0.0888	"	"	"	"	"	U
Zinc	46.2	32.9	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025	
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG5 8 FT**

**3/18/2025 9:35:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-18 (Soil)  
Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.961	0.0992	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.10	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.37	0.823	"	"	"	"	"
Sodium	0.674	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.28		pH Units	1	B5C2776	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.606	0.0100	SAR	1	B5C2770	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.311	0.00500	mmhos/cm	1	B5C2776	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	6.26	0.267	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	102	9.21	"	"	"	"	"
Cadmium	0.155	0.0921	"	"	"	"	"
Copper	11.7	9.21	"	"	"	"	"

Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG5 8 FT**

**3/18/2025 9:35:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-18 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	10.2	0.921	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	13.7	0.921	"	"	"	"	"	
Selenium	ND	0.239	"	"	"	"	"	U
Silver	ND	0.0921	"	"	"	"	"	U
Zinc	48.5	34.1	"	"	"	"	"	

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.501	0.501	mg/Kg	1	A101211	03/18/2025	03/26/2025	
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Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG5 11 FT**  
**3/18/2025 9:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-19 (Soil)**  
**Origins Laboratory**

**Boron (DTPA Sorbitol)**

Boron	0.312	0.0994	mg/L	1	B5C2612	03/26/2025	03/28/2025
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**Metals by Saturated Paste by EPA 6010**

Calcium	0.997	0.499	meq/L	10	[CALC]	03/27/2025	04/02/2025
Magnesium	1.94	0.823	"	"	"	"	"
Sodium	0.698	0.435	"	"	"	"	"

**pH in Soil by 9045D**

pH	8.37		pH Units	1	B5C2776	03/27/2025	04/01/2025
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**SAR by 20B Saturated Paste**

SAR	0.577	0.0100	SAR	1	B5C2770	03/27/2025	04/02/2025
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.352	0.00500	mmhos/cm	1	B5C2776	03/27/2025	04/01/2025
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**Table 915 metals by EPA 6020B**

Arsenic	1.87	0.270	mg/kg	10	B5C2519	03/25/2025	03/31/2025
Barium	63.1	9.31	"	"	"	"	"
Cadmium	ND	0.0931	"	"	"	"	U
Copper	ND	9.31	"	"	"	"	U

Origins Laboratory

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Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**BKG5 11 FT**  
**3/18/2025 9:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5C0791-19 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Lead	6.83	0.931	mg/kg	10	B5C2519	03/25/2025	03/31/2025	
Nickel	7.50	0.931	"	"	"	"	"	
Selenium	ND	0.242	"	"	"	"	"	U
Silver	ND	0.0931	"	"	"	"	"	U
Zinc	ND	34.5	"	"	"	"	"	U

**Waypoint Analytical, LLC.**

**Total Metals 7196A**

Chromium, Hexavalent	ND	0.5	0.5	mg/Kg	1	A101211	03/18/2025	03/26/2025
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Facility

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5C2612 - DTPA Sorbitol Preparation**

**Blank (B5C2612-BLK1)**

Prepared: 03/26/2025 Analyzed: 03/28/2025

Boron	ND	0.100	mg/L							U
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**Duplicate (B5C2612-DUP1)**

Source: E5C0791-01

Prepared: 03/26/2025 Analyzed: 03/28/2025

Boron	2.00	0.0998	mg/L		2.28			12.7	50	
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**Batch B5C2769 - Saturated Paste Metals**

**Blank (B5C2769-BLK1)**

Prepared: 03/27/2025 Analyzed: 04/02/2025

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

**Duplicate (B5C2769-DUP1)**

Source: E5C0791-01

Prepared: 03/27/2025 Analyzed: 04/02/2025

SAR	ND	0.0100	SAR		4.89				200	U
Calcium PPM	294	10.0	mg/L		272			7.90	50	
Magnesium PPM	408	10.0	"		380			7.18	50	
Sodium PPM	581	10.0	"		532			8.73	50	

**Batch B5C2770 - Saturated Paste Metals**

**Blank (B5C2770-BLK1)**

Prepared: 03/27/2025 Analyzed: 04/02/2025

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

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager





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Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5C2770 - Saturated Paste Metals**

**Duplicate (B5C2770-DUP1)**

**Source: E5C0787-01**

Prepared: 03/27/2025 Analyzed: 04/02/2025

SAR	ND	0.0100	SAR	3.60				200	U
Calcium PPM	28.3	10.0	mg/L	32.0				12.2	50
Magnesium PPM	8.31	10.0	"	9.77				16.2	50
Sodium PPM	81.3	10.0	"	90.6				10.9	50

**Batch B5D0130 - Saturated Paste Metals**

**Blank (B5D0130-BLK1)**

Prepared: 04/01/2025 Analyzed: 04/04/2025

SAR	ND	0.0100	SAR						U
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**Duplicate (B5D0130-DUP1)**

**Source: E5C0920-01**

Prepared: 04/01/2025 Analyzed: 04/04/2025

SAR	ND	0.0100	SAR	0.192				200	U
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Kayla Kenyon For Jen Pellegrini, Project Manager





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Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5C2519 - EPA 3050B**

**Blank (B5C2519-BLK1)**

Prepared: 03/25/2025 Analyzed: 03/31/2025

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

**LCS (B5C2519-BS1)**

Prepared: 03/25/2025 Analyzed: 03/31/2025

Arsenic	5.27	0.290	mg/kg	5.00		105	80-120
Barium	539	10.0	"	500		108	80-120
Cadmium	5.39	0.100	"	5.00		108	80-120
Copper	51.3	10.0	"	50.0		103	80-120
Lead	5.25	1.00	"	5.00		105	80-120
Nickel	5.16	1.00	"	5.00		103	80-120
Selenium	5.40	0.260	"	5.00		108	80-120
Silver	4.94	0.100	"	5.00		98.8	80-120
Zinc	51.6	37.0	"	50.0		103	80-120

**Matrix Spike (B5C2519-MS1)**

**Source: E5C0791-01**

Prepared: 03/25/2025 Analyzed: 03/31/2025

Arsenic	10.7	0.273	mg/kg	4.71	6.37	92.9	75-125
Barium	696	9.42	"	471	197	106	75-125
Cadmium	5.13	0.0942	"	4.71	0.206	104	75-125
Copper	61.0	9.42	"	47.1	14.5	98.6	75-125
Lead	15.3	0.942	"	4.71	11.1	89.0	75-125

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Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5C2519 - EPA 3050B**

**Matrix Spike (B5C2519-MS1)**

**Source: E5C0791-01**

Prepared: 03/25/2025 Analyzed: 03/31/2025

Nickel	20.3	0.942	mg/kg	4.71	16.6	78.9	75-125
Selenium	5.02	0.245	"	4.71	0.292	100	75-125
Silver	4.55	0.0942	"	4.71	0.0370	95.8	75-125
Zinc	101	34.9	"	47.1	57.6	91.4	75-125

**Matrix Spike Dup (B5C2519-MSD1)**

**Source: E5C0791-01**

Prepared: 03/25/2025 Analyzed: 03/31/2025

Arsenic	11.8	0.281	mg/kg	4.84	6.37	111	75-125	9.03	20
Barium	701	9.69	"	484	197	104	75-125	0.691	20
Cadmium	5.43	0.0969	"	4.84	0.206	108	75-125	5.69	20
Copper	67.3	9.69	"	48.4	14.5	109	75-125	9.77	20
Lead	16.0	0.969	"	4.84	11.1	100	75-125	4.20	20
Nickel	21.5	0.969	"	4.84	16.6	101	75-125	5.74	20
Selenium	5.42	0.252	"	4.84	0.292	106	75-125	7.53	20
Silver	4.76	0.0969	"	4.84	0.0370	97.6	75-125	4.59	20
Zinc	109	35.8	"	48.4	57.6	107	75-125	8.24	20

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Kayla Kenyon For Jen Pellegrini, Project Manager





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Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

**Saturated Paste - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5C2775 - Saturated Paste pH/EC**

**Blank (B5C2775-BLK1)**

Prepared: 03/27/2025 Analyzed: 04/01/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (B5C2775-DUP1)**

**Source: E5C0791-01**

Prepared: 03/27/2025 Analyzed: 04/01/2025

Specific Conductance (EC)	4.82	0.00500	mmhos/cm		4.57			5.29	25	
pH	7.95		pH Units		8.06			1.37	25	

**Batch B5C2776 - Saturated Paste pH/EC**

**Blank (B5C2776-BLK1)**

Prepared: 03/27/2025 Analyzed: 04/01/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (B5C2776-DUP1)**

**Source: E5C0787-01**

Prepared: 03/27/2025 Analyzed: 04/01/2025

Specific Conductance (EC)	0.615	0.00500	mmhos/cm		0.706			13.8	25	
pH	8.17		pH Units		8.25			0.974	25	

**Batch B5D0134 - Saturated Paste pH/EC**

**Blank (B5D0134-BLK1)**

Prepared: 04/01/2025 Analyzed: 04/03/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (B5D0134-DUP1)**

**Source: E5C0920-01**

Prepared: 04/01/2025 Analyzed: 04/03/2025

Specific Conductance (EC)	0.385	0.00500	mmhos/cm		0.392			1.83	25	
pH	9.72		pH Units		9.64			0.826	25	

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental  
8305 6th St, PO Box 1289  
Wellington CO 80549

Ethan Black  
Project Number: [none]  
Project: Chevron - Gollner THN R67W-S27 L02  
Facility

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A101211 -</b>										
<b>DUP (L 98877-DUP)</b>	<b>Source: E5C0791-07</b>				Prepared: Analyzed: 03/26/2025					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
<b>DUP (L 98896-DUP)</b>	<b>Source: 98896</b>				Prepared: Analyzed: 03/26/2025					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		1.9	20	
<b>LCS (LCS)</b>	Prepared: Analyzed: 03/26/2025									
Chromium, Hexavalent	7.16	0.503	mg/Kg	8.05		89	75-125			
<b>LRB (LRB)</b>	Prepared: Analyzed: 03/26/2025									
Chromium, Hexavalent	ND	0.5	mg/Kg			-				

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Fremont Environmental

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Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A101210 -**

**DUP (L 98849-DUP)**

**Source: 98849**

Prepared: Analyzed: 03/28/2025

Chromium, Hexavalent

ND

0.505

mg/Kg

<0.505

-

0.5

20

**DUP (L 98876-DUP)**

**Source: E5C0791-06**

Prepared: Analyzed: 03/28/2025

Chromium, Hexavalent

ND

0.511

mg/Kg

<0.511

-

2.1

20

**LCS (LCS)**

Prepared: Analyzed: 03/28/2025

Chromium, Hexavalent

7.16

0.5

mg/Kg

7.75

92

75-125

**LRB (LRB)**

Prepared: Analyzed: 03/28/2025

Chromium, Hexavalent

ND

0.5

mg/Kg

-

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Kayla Kenyon For Jen Pellegrini, Project Manager





Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: [none]

Project: Chevron - Gollner THN R67W-S27 L02  
Facility

### Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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