



Fremont Environmental

October 02, 2025

Ethan Black

8305 6th St, PO Box 1289

Wellington

CO

80549

**Project Name - Chevron - UPRC - 65N64W
23SESW (Facility)(RS-CVX)**

Project Number - C022-075

Attached are your analytical results for Chevron - UPRC - 65N64W 23SESW (Facility)(RS-CVX) received by Origins Laboratory September 11, 2025. This project is associated with Origins project number E5I0270-01.

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.

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: C022-075
Project: Chevron - UPRC - 65N64W 23SESW
(Facility)(RS-CVX)

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG06 0.5ft	E510270-01	Soil	September 10, 2025 12:30	09/11/2025 17:08
BKG06 6ft	E510270-02	Soil	September 10, 2025 12:40	09/11/2025 17:08
BKG06 7ft	E510270-03	Soil	September 10, 2025 12:50	09/11/2025 17:08
BKG07 0.5ft	E510270-04	Soil	September 10, 2025 13:00	09/11/2025 17:08
BKG07 6ft	E510270-05	Soil	September 10, 2025 13:10	09/11/2025 17:08
BKG07 7ft	E510270-06	Soil	September 10, 2025 13:20	09/11/2025 17:08
BKG08 0.5ft	E510270-07	Soil	September 10, 2025 13:30	09/11/2025 17:08
BKG08 6ft	E510270-08	Soil	September 10, 2025 13:40	09/11/2025 17:08
BKG08 7ft	E510270-09	Soil	September 10, 2025 13:50	09/11/2025 17:08
BKG09 0.5ft	E510270-10	Soil	September 10, 2025 14:00	09/11/2025 17:08
BKG09 6ft	E510270-11	Soil	September 10, 2025 14:10	09/11/2025 17:08
BKG09 7ft	E510270-12	Soil	September 10, 2025 14:20	09/11/2025 17:08
BKG10 0.5ft	E510270-13	Soil	September 10, 2025 14:30	09/11/2025 17:08
BKG10 6ft	E510270-14	Soil	September 10, 2025 14:40	09/11/2025 17:08

Origins Laboratory

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Wellington CO 80549

Ethan Black
Project Number: C022-075
Project: Chevron - UPRC - 65N64W 23SES
(Facility)(RS-CVX)

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG10 7ft	E510270-15	Soil	September 10, 2025 14:50	09/11/2025 17:08

Origins Laboratory

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ES10270

Page 1 of 2

Client: Fremont ENV.
Address: _____

Project Manager: ETHAN BLADIS

Project Name: UPR-65N64W 23SESW

Key: MS=Water (Quality) (RS-CWD)
GW=Groundwater

Telephone Number: (930) 720 6196
Email Address: Tyker C. Coker@fremontenv.com
curievan@fremontenv.com

Collected By: Tyker Coker

SW=Surface Water
WW=Waste Water
L=Liquid

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas || UNP=Unpres | HCL= Hydrochloric | HNO3=Nitric | H2SO4=sulfuric | NaOH=Sodium Hydroxide

#	Sample ID	Date	Time	# of Containers	Matrix	Preservative	Analysis
1	BHG06	0.5H	9/16/25	3	S	CNP	PH SAR
2	BHG06	0.5H	1240	1			
3	BHG06	7H	1250	1			
4	BHG07	0.5H	1300	1			
5	BHG07	0.5H	1310	1			
6	BHG07	7H	1320	1			
7	BHG08	0.5H	1330	1			
8	BHG08	0.5H	1340	1			
9	BHG08	7H	1350	1			
10	BHG09	0.5H	1400	1			

Relinquished By: [Signature]
Date: 9/11/25
Time: 1300

Received By: TEJ
Date: 9/11/25
Time: 1320

Temp Received - 2.9
Received On Ice? Yes No

Turnaround Time
 SAME DAY
 48 Hr 72

Standard

Temp Received - 2.9
Received On Ice? Yes No

Turnaround Time
 SAME DAY
 48 Hr 72

Standard

Temp Received - 2.9
Received On Ice? Yes No

Turnaround Time
 SAME DAY
 48 Hr 72

Standard

Client: Fremont ENV

Project Manager: Elkann Black

Address: _____

Project Name: UPRC-GSNGW 235SESU

Project Number: 622-076

Telephone Number: (530) 720 6196

Collected By: Tucker Chapman

Email Address: Tucker.Chapman@fremontenv.com

Invoice/Billing Info: UWRWE-A2187-ABN

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

W=Water
GW=Groundwater
SW=Surface Water
WW=Waste Water
L=Liquid

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis				
							metals	Boron	EC	PH	
1	PKG 09	9/11/25	1410	3	5	UNP	X	X	X	X	Comments to Client on Ice Delivery Sent all results to client on 9/11/25
2	PKG 09	9/11/25	1420	1	1	UNP	X	X	X	X	
3	PKG 10 0.9	9/11/25	1430	1	1	UNP	X	X	X	X	
4	PKG 10 GAT	9/11/25	1446	1	1	UNP	X	X	X	X	
5	PKG 10 7A	9/11/25	1450	1	1	UNP	X	X	X	X	
6											
7											
8											
9											
10											

Relinquished By: _____ Date: 9/11/25 Time: 1300

Received By: TEV Date: 9/11/25 Time: 1320

Temp Received - 2.0 Received On Ice? Yes No

Turnaround Time
 SAME DAY 24 Hr
 48 Hr 72
 Standard

Sample Receipt Checklist

Origins Work Order: ESI0270

Client: FREMONT ENV.

Client Project ID: UPRC-65N64W 23SES (Facility)(RS-VF)

Checklist Completed by: NEM/SML

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

Date/time completed: 09/12/25

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 2.9 °C (Describe)

Thermometer ID: T-004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ 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 ⁽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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager)

09/15/25
Date/Time Reviewed



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

Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

BKG06 0.5ft

9/10/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-01 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.208		0.101	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.162	mg/kg dry	1	B511269	09/12/2025	09/21/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	1.19		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	0.940		0.823	"	"	"	"	"	
Sodium	0.483		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	6.84			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.468		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.389		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

Origins Laboratory

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BKG06 0.5ft
9/10/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-01 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	1.48		0.188	mg/kg dry	10	B511557	09/15/2025	09/17/2025	
Barium	ND		53.1	"	"	"	"	"	U
Cadmium	ND		0.246	"	"	"	"	"	U
Copper	ND		29.8	"	"	"	"	"	U
Lead	ND		9.07	"	"	"	"	"	U
Nickel	ND		16.8	"	"	"	"	"	U
Selenium	ND		0.159	"	"	"	"	"	U
Silver	ND		0.518	"	"	"	"	"	U
Zinc	ND		240	"	"	"	"	"	U

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Ethan Black
 Project Number: C022-075
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 (Facility)(RS-CVX)

BKG06 6ft

9/10/2025 12:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-02 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	6.07		0.127	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.211	mg/kg dry	1	B511269	09/12/2025	09/21/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	22.0		4.99	meq/L	100	[CALC]	09/12/2025	09/16/2025	
Magnesium	37.0		8.23	"	"	"	"	"	
Sodium	128		4.35	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.01			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	23.6		0.0100	SAR	1	B511220	09/12/2025	09/16/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	11.5		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

BKG06 6ft
9/10/2025 12:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-02 (Soil)									
Origins Laboratory									
Table 915 metals by EPA 6020B									
Arsenic	3.95		0.240	mg/kg dry	10	B511557	09/15/2025	09/17/2025	
Barium	267		67.7	"	"	"	"	"	
Cadmium	ND		0.314	"	"	"	"	"	U
Copper	ND		38.0	"	"	"	"	"	U
Lead	ND		11.6	"	"	"	"	"	U
Nickel	ND		21.5	"	"	"	"	"	U
Selenium	0.215		0.203	"	"	"	"	"	
Silver	ND		0.661	"	"	"	"	"	U
Zinc	ND		306	"	"	"	"	"	U

Origins Laboratory

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Ethan Black
 Project Number: C022-075
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 (Facility)(RS-CVX)

BKG06 7ft

9/10/2025 12:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-03 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	4.28		0.118	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.333		0.187	mg/kg dry	1	B511269	09/12/2025	09/21/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	14.0		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	18.6		0.823	"	"	"	"	"	
Sodium	63.4		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.93			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	15.7		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	9.55		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

BKG06 7ft

9/10/2025 12:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E510270-03 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	3.54		0.221	mg/kg dry	10	B511557	09/15/2025	09/17/2025	
Barium	127		62.4	"	"	"	"	"	
Cadmium	ND		0.289	"	"	"	"	"	U
Copper	ND		35.0	"	"	"	"	"	U
Lead	ND		10.7	"	"	"	"	"	U
Nickel	ND		19.8	"	"	"	"	"	U
Selenium	0.292		0.187	"	"	"	"	"	
Silver	ND		0.609	"	"	"	"	"	U
Zinc	ND		282	"	"	"	"	"	U

Origins Laboratory

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 Project Number: C022-075
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 (Facility)(RS-CVX)

BKG07 0.5ft

9/10/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0270-04 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.100	mg/L dry	1	B511223	09/12/2025	09/15/2025	U
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.167	mg/kg dry	1	B511269	09/12/2025	09/21/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	1.31		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	5.70			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.230		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.474		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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Ethan Black
 Project Number: C022-075
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 (Facility)(RS-CVX)

BKG07 0.5ft
9/10/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-04 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	1.75		0.193	mg/kg dry	10	B511557	09/15/2025	09/17/2025	
Barium	ND		54.5	"	"	"	"	"	U
Cadmium	ND		0.252	"	"	"	"	"	U
Copper	ND		30.6	"	"	"	"	"	U
Lead	ND		9.30	"	"	"	"	"	U
Nickel	ND		17.3	"	"	"	"	"	U
Selenium	ND		0.163	"	"	"	"	"	U
Silver	ND		0.531	"	"	"	"	"	U
Zinc	ND		246	"	"	"	"	"	U

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Ethan Black
 Project Number: C022-075
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 (Facility)(RS-CVX)

BKG07 6ft

9/10/2025 1:10:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-05 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.104	mg/L dry	1	B511223	09/12/2025	09/15/2025	U
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.177		0.167	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	0.687		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	1.70		0.823	"	"	"	"	"	
Sodium	0.792		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.23			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.725		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.642		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 (Facility)(RS-CVX)

BKG07 6ft

9/10/2025 1:10:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E510270-05 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	2.70		0.200	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	ND		56.4	"	"	"	"	"	U
Cadmium	ND		0.261	"	"	"	"	"	U
Copper	ND		31.6	"	"	"	"	"	U
Lead	ND		9.63	"	"	"	"	"	U
Nickel	ND		17.9	"	"	"	"	"	U
Selenium	ND		0.169	"	"	"	"	"	U
Silver	ND		0.550	"	"	"	"	"	U
Zinc	ND		254	"	"	"	"	"	U

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 (Facility)(RS-CVX)

BKG07 7ft

9/10/2025 1:20:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5I0270-06 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.105	mg/L dry	1	B511223	09/12/2025	09/15/2025	U
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.170	mg/kg dry	1	B511270	09/12/2025	09/19/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	0.876		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	2.63		0.823	"	"	"	"	"	
Sodium	1.29		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.30			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.977		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.625		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

Origins Laboratory

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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

BKG07 7ft
9/10/2025 1:20:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-06 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	3.51		0.196	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	66.8		55.3	"	"	"	"	"	
Cadmium	ND		0.256	"	"	"	"	"	U
Copper	ND		31.0	"	"	"	"	"	U
Lead	ND		9.44	"	"	"	"	"	U
Nickel	ND		17.5	"	"	"	"	"	U
Selenium	ND		0.166	"	"	"	"	"	U
Silver	ND		0.539	"	"	"	"	"	U
Zinc	ND		249	"	"	"	"	"	U

Origins Laboratory

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 (Facility)(RS-CVX)

BKG08 0.5ft

9/10/2025 1:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-07 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.170		0.101	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.189		0.165	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	0.523		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.529		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	6.48			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.770		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.344		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 (Facility)(RS-CVX)

BKG08 0.5ft

9/10/2025 1:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E510270-07 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	2.13		0.208	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	ND		58.8	"	"	"	"	"	U
Cadmium	ND		0.272	"	"	"	"	"	U
Copper	ND		33.0	"	"	"	"	"	U
Lead	ND		10.0	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	ND		0.176	"	"	"	"	"	U
Silver	ND		0.574	"	"	"	"	"	U
Zinc	ND		265	"	"	"	"	"	U

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 (Facility)(RS-CVX)

BKG08 6ft

9/10/2025 1:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-08 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	1.02		0.100	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.166	mg/kg dry	1	B511270	09/12/2025	09/19/2025	U
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	14.5		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.89			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	22.8		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.87		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 (Facility)(RS-CVX)

BKG08 6ft

9/10/2025 1:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E510270-08 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	4.48		0.205	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	ND		57.7	"	"	"	"	"	U
Cadmium	ND		0.267	"	"	"	"	"	U
Copper	ND		32.4	"	"	"	"	"	U
Lead	ND		9.85	"	"	"	"	"	U
Nickel	ND		18.3	"	"	"	"	"	U
Selenium	0.210		0.173	"	"	"	"	"	
Silver	ND		0.563	"	"	"	"	"	U
Zinc	ND		260	"	"	"	"	"	U

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 (Facility)(RS-CVX)

BKG08 7ft

9/10/2025 1:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-09 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.815		0.101	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.284		0.169	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	5.90		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	4.85		0.823	"	"	"	"	"	
Sodium	22.7		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.20			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	9.81		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	3.17		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 (Facility)(RS-CVX)

BKG08 7ft

9/10/2025 1:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E510270-09 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	2.74		0.195	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	ND		55.1	"	"	"	"	"	U
Cadmium	ND		0.255	"	"	"	"	"	U
Copper	ND		30.9	"	"	"	"	"	U
Lead	ND		9.41	"	"	"	"	"	U
Nickel	ND		17.5	"	"	"	"	"	U
Selenium	ND		0.165	"	"	"	"	"	U
Silver	ND		0.538	"	"	"	"	"	U
Zinc	ND		249	"	"	"	"	"	U

Origins Laboratory

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BKG09 0.5ft

9/10/2025 2:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-10 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.339		0.102	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.216		0.163	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.45		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	1.32		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	6.26			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.340		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.679		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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BKG09 0.5ft
9/10/2025 2:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-10 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	1.42		0.218	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	ND		61.5	"	"	"	"	"	U
Cadmium	ND		0.285	"	"	"	"	"	U
Copper	ND		34.5	"	"	"	"	"	U
Lead	ND		10.5	"	"	"	"	"	U
Nickel	ND		19.5	"	"	"	"	"	U
Selenium	ND		0.184	"	"	"	"	"	U
Silver	ND		0.600	"	"	"	"	"	U
Zinc	ND		277	"	"	"	"	"	U

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BKG09 6ft

9/10/2025 2:10:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-11 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	1.22		0.102	mg/L dry	1	B511223	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.207		0.168	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.86		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	2.84		0.823	"	"	"	"	"	
Sodium	26.5		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.63			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	17.3		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	3.84		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 (Facility)(RS-CVX)

BKG09 6ft

9/10/2025 2:10:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E510270-11 (Soil)
 Origins Laboratory**

Table 915 metals by EPA 6020B

Arsenic	5.68		0.194	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	ND		54.8	"	"	"	"	"	U
Cadmium	ND		0.254	"	"	"	"	"	U
Copper	ND		30.7	"	"	"	"	"	U
Lead	ND		9.36	"	"	"	"	"	U
Nickel	ND		17.4	"	"	"	"	"	U
Selenium	0.250		0.164	"	"	"	"	"	
Silver	ND		0.535	"	"	"	"	"	U
Zinc	ND		247	"	"	"	"	"	U

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 (Facility)(RS-CVX)

BKG09 7ft

9/10/2025 2:20:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-12 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.838		0.103	mg/L dry	1	B511224	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.181		0.168	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	14.8		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.98			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	21.4		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.30		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 (Facility)(RS-CVX)

BKG09 7ft
9/10/2025 2:20:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-12 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	3.32		0.199	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	ND		56.3	"	"	"	"	"	U
Cadmium	ND		0.261	"	"	"	"	"	U
Copper	ND		31.6	"	"	"	"	"	U
Lead	ND		9.61	"	"	"	"	"	U
Nickel	ND		17.8	"	"	"	"	"	U
Selenium	ND		0.169	"	"	"	"	"	U
Silver	ND		0.549	"	"	"	"	"	U
Zinc	ND		254	"	"	"	"	"	U

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BKG10 0.5ft
9/10/2025 2:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-13 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	1.09		0.101	mg/L dry	1	B511224	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.209		0.163	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	3.99		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	2.82		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.25			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.154		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.921		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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 (Facility)(RS-CVX)

BKG10 0.5ft
9/10/2025 2:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-13 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	1.68		0.220	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	83.9		62.2	"	"	"	"	"	
Cadmium	ND		0.288	"	"	"	"	"	U
Copper	ND		34.9	"	"	"	"	"	U
Lead	ND		10.6	"	"	"	"	"	U
Nickel	ND		19.7	"	"	"	"	"	U
Selenium	ND		0.187	"	"	"	"	"	U
Silver	ND		0.607	"	"	"	"	"	U
Zinc	ND		281	"	"	"	"	"	U

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 (Facility)(RS-CVX)

BKG10 6ft

9/10/2025 2:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-14 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.127		0.106	mg/L dry	1	B511224	09/12/2025	09/15/2025	
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.190		0.163	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	1.20		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	0.983		0.823	"	"	"	"	"	
Sodium	0.503		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.19			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.482		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.351		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

Origins Laboratory

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

Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

BKG10 6ft
9/10/2025 2:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-14 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	3.07		0.205	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	103		57.8	"	"	"	"	"	
Cadmium	ND		0.268	"	"	"	"	"	U
Copper	ND		32.4	"	"	"	"	"	U
Lead	ND		9.86	"	"	"	"	"	U
Nickel	ND		18.3	"	"	"	"	"	U
Selenium	ND		0.173	"	"	"	"	"	U
Silver	ND		0.563	"	"	"	"	"	U
Zinc	ND		261	"	"	"	"	"	U

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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

BKG10 7ft

9/10/2025 2:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E510270-15 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	B511224	09/12/2025	09/15/2025	U
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.180		0.166	mg/kg dry	1	B511270	09/12/2025	09/19/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	0.870		0.499	meq/L	10	[CALC]	09/12/2025	09/15/2025	
Magnesium	0.824		0.823	"	"	"	"	"	
Sodium	0.527		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.31			pH Units	1	B511228	09/12/2025	09/15/2025	
SAR by 20B Saturated Paste									
SAR	0.573		0.0100	SAR	1	B511220	09/12/2025	09/15/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.300		0.00500	mmhos/cm	1	B511228	09/12/2025	09/15/2025	

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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

BKG10 7ft
9/10/2025 2:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E510270-15 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	3.10		0.210	mg/kg dry	10	B511601	09/16/2025	09/18/2025	
Barium	106		59.2	"	"	"	"	"	
Cadmium	ND		0.275	"	"	"	"	"	U
Copper	ND		33.2	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.8	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.578	"	"	"	"	"	U
Zinc	ND		267	"	"	"	"	"	U

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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

*** DEFAULT GENERAL METHOD *** - 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 B511269 - EPA 3060A

Blank (B511269-BLK1)

Prepared: 09/12/2025 Analyzed: 09/21/2025

Hexavalent Chromium	ND	0.160	mg/kg wet							U
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LCS (B511269-BS1)

Prepared: 09/12/2025 Analyzed: 09/21/2025

Hexavalent Chromium	2.06	0.160	mg/kg wet	2.00		103	80-120			
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Matrix Spike (B511269-MS1)

Source: E510270-01

Prepared: 09/12/2025 Analyzed: 09/21/2025

Hexavalent Chromium	1.98	0.163	mg/kg dry	2.04	ND	97.3	75-125			
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Matrix Spike (B511269-MS2)

Source: E510270-01

Prepared: 09/12/2025 Analyzed: 09/21/2025

Hexavalent Chromium	150	15.7	mg/kg dry	193	ND	77.6	75-125			
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Matrix Spike Dup (B511269-MSD1)

Source: E510270-01

Prepared: 09/12/2025 Analyzed: 09/21/2025

Hexavalent Chromium	1.82	0.158	mg/kg dry	1.97	ND	92.1	75-125	8.60	20	
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Post Spike (B511269-PS1)

Source: E510270-01

Prepared: 09/12/2025 Analyzed: 09/21/2025

Hexavalent Chromium	51.3		ug/L	50.0	0.00	103	80-120			
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Batch B511270 - EPA 3060A

Blank (B511270-BLK1)

Prepared: 09/12/2025 Analyzed: 09/24/2025

Hexavalent Chromium	ND	0.160	mg/kg wet							U
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LCS (B511270-BS1)

Prepared: 09/12/2025 Analyzed: 09/18/2025

Hexavalent Chromium	2.00	0.160	mg/kg wet	2.00		100	80-120			
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Matrix Spike (B511270-MS1)

Source: E510270-05

Prepared: 09/12/2025 Analyzed: 09/18/2025

Hexavalent Chromium	1.87	0.160	mg/kg dry	2.00	0.177	84.8	75-125			
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Fremont Environmental
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 Wellington CO 80549

Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

*** DEFAULT GENERAL METHOD *** - 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 B511270 - EPA 3060A

Matrix Spike (B511270-MS2)

Source: E5I0270-05

Prepared: 09/12/2025 Analyzed: 09/19/2025

Hexavalent Chromium	193	16.4	mg/kg dry	231	ND	83.7	75-125			
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Matrix Spike Dup (B511270-MSD1)

Source: E5I0270-05

Prepared: 09/12/2025 Analyzed: 09/18/2025

Hexavalent Chromium	1.86	0.162	mg/kg dry	2.02	0.177	83.0	75-125	0.820	20	
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Post Spike (B511270-PS1)

Source: E5I0270-05

Prepared: 09/12/2025 Analyzed: 09/24/2025

Hexavalent Chromium	55.5		ug/L	50.0	4.24	102	80-120			
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Batch B511628 - % Solids

Duplicate (B511628-DUP1)

Source: E5I0270-01

Prepared: 09/16/2025 Analyzed: 09/16/2025

Total Solids, Percent	98.4		mass percent		98.6			0.170	20	
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Duplicate (B511628-DUP2)

Source: E5I0270-02

Prepared: 09/16/2025 Analyzed: 09/16/2025

Total Solids, Percent	79.4		mass percent		78.1			1.62	20	
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Fremont Environmental
 8305 6th St, PO Box 1289
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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

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 B511220 - Saturated Paste Metals

Blank (B511220-BLK1)

Prepared: 09/12/2025 Analyzed: 09/15/2025

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 (B511220-DUP1)

Source: E5I0270-01

Prepared: 09/12/2025 Analyzed: 09/15/2025

Calcium PPM	18.9	10.0	mg/L		23.9			23.5	50	
SAR	ND	0.0100	SAR		0.468				200	U
Magnesium PPM	9.13	10.0	mg/L		11.4			22.3	50	U
Sodium PPM	8.73	10.0	"		11.1			24.0	50	U

Batch B511223 - DTPA Sorbitol Preparation

Blank (B511223-BLK1)

Prepared: 09/12/2025 Analyzed: 09/15/2025

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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Duplicate (B511223-DUP1)

Source: E5I0267-01

Prepared: 09/12/2025 Analyzed: 09/15/2025

(DTPA Sorbitol) Boron	0.643	0.123	mg/L dry		0.647			0.634	50	
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Batch B511224 - DTPA Sorbitol Preparation

Blank (B511224-BLK1)

Prepared: 09/12/2025 Analyzed: 09/15/2025

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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Duplicate (B511224-DUP1)

Source: E5I0270-12

Prepared: 09/12/2025 Analyzed: 09/15/2025

(DTPA Sorbitol) Boron	0.805	0.103	mg/L dry		0.838			4.03	50	
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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

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 B511557 - EPA 3050B

Blank (B511557-BLK1)

Prepared: 09/15/2025 Analyzed: 09/17/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U

LCS (B511557-BS1)

Prepared: 09/15/2025 Analyzed: 09/17/2025

Arsenic	5.21	0.218	mg/kg wet	5.00		104	80-120			
Barium	526	61.5	"	500		105	80-120			
Lead	5.03	10.5	"	5.00		101	80-120			U
Nickel	5.12	19.5	"	5.00		102	80-120			U

Matrix Spike (B511557-MS1)

Source: E510270-01

Prepared: 09/15/2025 Analyzed: 09/17/2025

Arsenic	6.06	0.189	mg/kg dry	4.34	1.48	106	75-125			
Barium	501	53.3	"	434	40.4	106	75-125			
Lead	10.6	9.11	"	4.34	5.66	114	75-125			
Nickel	8.36	16.9	"	4.34	3.58	110	75-125			U

Matrix Spike Dup (B511557-MSD1)

Source: E510270-01

Prepared: 09/15/2025 Analyzed: 09/17/2025

Arsenic	5.61	0.188	mg/kg dry	4.31	1.48	95.8	75-125	7.73	20	
Barium	469	53.0	"	431	40.4	99.5	75-125	6.67	20	
Lead	9.47	9.05	"	4.31	5.66	88.4	75-125	11.3	20	
Nickel	7.83	16.8	"	4.31	3.58	98.7	75-125	6.50	20	U

Batch B511601 - EPA 3050B

Blank (B511601-BLK1)

Prepared: 09/16/2025 Analyzed: 09/18/2025

Terbium (H2)	99.8		mg/kg wet				70-130			
Bismuth (H2)	97.1		"				70-130			

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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

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 B511601 - EPA 3050B

Blank (B511601-BLK1)

Prepared: 09/16/2025 Analyzed: 09/18/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (B511601-BS1)

Prepared: 09/16/2025 Analyzed: 09/18/2025

Terbium (H2)	96.0		mg/kg wet				70-130			
Bismuth (H2)	92.2		"				70-130			
Arsenic	4.48	0.218	"	5.00		89.5	80-120			
Barium	434	61.5	"	500		86.9	80-120			
Cadmium	4.34	0.285	"	5.00		86.7	80-120			
Copper	45.8	34.5	"	50.0		91.6	80-120			
Lead	4.30	10.5	"	5.00		86.1	80-120			U
Nickel	5.44	19.5	"	5.00		109	80-120			U
Selenium	4.48	0.184	"	5.00		89.7	80-120			
Silver	4.41	0.600	"	5.00		88.2	80-120			
Zinc	44.7	278	"	50.0		89.4	80-120			U

Matrix Spike (B511601-MS1)

Source: E5I0270-05

Prepared: 09/16/2025 Analyzed: 09/18/2025

Bismuth (H2)	85.6		mg/kg dry		69.4		70-130			
Terbium (H2)	93.8		"		73.9		70-130			
Arsenic	7.35	0.214	"	4.92	2.70	94.7	75-125			

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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 B511601 - EPA 3050B

Matrix Spike (B511601-MS1)

Source: E510270-05

Prepared: 09/16/2025 Analyzed: 09/18/2025

Barium	521	60.5	mg/kg dry	492	54.5	94.9	75-125			
Cadmium	4.66	0.280	"	4.92	0.0789	93.1	75-125			
Copper	50.4	33.9	"	49.2	4.40	93.6	75-125			
Lead	9.69	10.3	"	4.92	5.23	90.7	75-125			U
Nickel	8.70	19.2	"	4.92	4.06	94.4	75-125			U
Selenium	4.55	0.181	"	4.92	0.0614	91.2	75-125			
Silver	4.84	0.590	"	4.92	0.0330	97.7	75-125			
Zinc	64.5	273	"	49.2	20.6	89.4	75-125			U

Matrix Spike Dup (B511601-MSD1)

Source: E510270-05

Prepared: 09/16/2025 Analyzed: 09/18/2025

Terbium (H2)	90.6		mg/kg dry		73.9		70-130	3.47		
Bismuth (H2)	86.1		"		69.4		70-130	0.680		
Arsenic	7.07	0.212	"	4.87	2.70	89.8	75-125	3.96	20	
Barium	495	59.9	"	487	54.5	90.5	75-125	5.20	20	
Cadmium	4.41	0.277	"	4.87	0.0789	89.0	75-125	5.43	20	
Copper	49.7	33.6	"	48.7	4.40	93.2	75-125	1.33	20	
Lead	9.61	10.2	"	4.87	5.23	89.9	75-125	0.887	20	U
Nickel	8.66	19.0	"	4.87	4.06	94.4	75-125	0.533	20	U
Selenium	4.53	0.180	"	4.87	0.0614	91.7	75-125	0.425	20	
Silver	4.51	0.584	"	4.87	0.0330	91.9	75-125	7.14	20	
Zinc	62.7	270	"	48.7	20.6	86.5	75-125	2.90	20	U

Origins Laboratory

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Ethan Black
 Project Number: C022-075
 Project: Chevron - UPRC - 65N64W 23SESW
 (Facility)(RS-CVX)

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 B511228 - Saturated Paste pH/EC

Blank (B511228-BLK1)

Prepared: 09/12/2025 Analyzed: 09/15/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (B511228-DUP1)

Source: E510270-01

Prepared: 09/12/2025 Analyzed: 09/15/2025

pH	6.90		pH Units		6.84			0.873		25
Specific Conductance (EC)	0.407	0.00500	mmhos/cm		0.389			4.40		25

Origins Laboratory

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Ethan Black
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Project: Chevron - UPRC - 65N64W 23SESW
(Facility)(RS-CVX)

Notes and Definitions

- U Sample is Non-Detect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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