



Two Dot Consulting

Kyle Johnson

2200 West 29th Ave

Denver

CO

80211

January 29, 2025

Project Name - Chevron - Watson E28-17

Project Number - [none]

Attached are your analytical results for Chevron - Watson E28-17 received by Origins Laboratory December 27, 2024. This project is associated with Origins project number E4L0874-01.

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



Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BKG01@3'	E4L0874-01	Soil	December 27, 2024 8:25	12/27/2024 17:47
BKG01@6'	E4L0874-02	Soil	December 27, 2024 8:38	12/27/2024 17:47
BKG02@3'	E4L0874-03	Soil	December 27, 2024 8:52	12/27/2024 17:47
BKG02@6'	E4L0874-04	Soil	December 27, 2024 9:07	12/27/2024 17:47
BKG03@3'	E4L0874-05	Soil	December 27, 2024 9:29	12/27/2024 17:47
BKG03@6'	E4L0874-06	Soil	December 27, 2024 9:43	12/27/2024 17:47

Origins Laboratory

Jen Pellegrini, Project Manager

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ORIGINS LABORATORY

Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

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

Sample Receipt Checklist


Origins Work Order: FAL087A Client: Two Dot
 Logged in by: Labeled by: Client Project ID: Watson E28-17
 Checklist Completed by: JTP/sem Shipped Via: HD
 Date/Time completed: 12/30/24 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply) Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 3 °C / _____ °C / _____ °C (Describe) _____ °C
 Thermometer ID: 7007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)?	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)(pH < 2 for samples preserved with HNO3, HCl, H2SO4) / (pH > 10 for samples preserved with HNO3, NaAsO2+NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) AK Date/Time Reviewed 12/31/24

Origins Laboratory



Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG01@3'

12/27/2024 8:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-01 (Soil)**

Boron (DTPA Sorbitol)

Boron	0.624	0.0984	mg/L	1	B4L3111	12/31/2024	01/02/2025
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Metals by Saturated Paste by EPA 6010

Calcium	5.80	0.499	meq/L	10	[CALC]	12/31/2024	01/03/2025
Magnesium	3.35	0.823	"	"	"	"	"
Sodium	3.93	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.18		pH Units	1	B4L3114	12/31/2024	01/03/2025
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SAR by 20B Saturated Paste

SAR	1.84	0.0100	SAR	1	B4L3107	12/31/2024	01/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.30	0.00500	mmhos/cm	1	B4L3114	12/31/2024	01/03/2025
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Table 915 metals by EPA 6020B

Arsenic	5.49	0.268	mg/kg	10	B4L3027	12/31/2024	01/02/2025
Barium	163	9.25	"	"	"	"	"
Cadmium	0.217	0.0925	"	"	"	"	"
Copper	10.8	9.25	"	"	"	"	"

Origins Laboratory



Jen Pellegrini, Project Manager

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2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG01@3'

12/27/2024 8:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E4L0874-01 (Soil)

Table 915 metals by EPA 6020B

Lead	8.78		0.925	mg/kg	10	B4L3027	12/31/2024	01/02/2025	
Nickel	13.3		0.925	"	"	"	"	"	
Selenium	ND		0.241	"	"	"	"	"	U
Silver	ND		0.0925	"	"	"	"	"	U
Zinc	42.7		34.2	"	"	"	"	"	

Total Metals 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L792713	12/27/2024	01/02/2025	
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Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG01@6'

12/27/2024 8:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-02 (Soil)**

Boron (DTPA Sorbitol)

Boron	0.479	0.0999	mg/L	1	B4L3111	12/31/2024	01/02/2025
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Metals by Saturated Paste by EPA 6010

Calcium	3.99	0.499	meq/L	10	[CALC]	12/31/2024	01/03/2025
Magnesium	2.27	0.823	"	"	"	"	"
Sodium	2.32	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.09		pH Units	1	B4L3114	12/31/2024	01/03/2025
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SAR by 20B Saturated Paste

SAR	1.31	0.0100	SAR	1	B4L3107	12/31/2024	01/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.805	0.00500	mmhos/cm	1	B4L3114	12/31/2024	01/03/2025
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Table 915 metals by EPA 6020B

Arsenic	3.89	0.279	mg/kg	10	B4L3027	12/31/2024	01/02/2025
Barium	97.3	9.63	"	"	"	"	"
Cadmium	0.120	0.0963	"	"	"	"	"
Copper	ND	9.63	"	"	"	"	U

Origins Laboratory



Jen Pellegrini, Project Manager

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2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG01@6'

12/27/2024 8:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-02 (Soil)**

Table 915 metals by EPA 6020B

Lead	6.25	0.963	0.963	mg/kg	10	B4L3027	12/31/2024	01/02/2025	
Nickel	7.80	0.963	0.963	"	"	"	"	"	"
Selenium	ND	0.250	0.250	"	"	"	"	"	U
Silver	ND	0.0963	0.0963	"	"	"	"	"	U
Zinc	ND	35.6	35.6	"	"	"	"	"	U

Total Metals 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L792713	12/27/2024	01/02/2025	
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Origins Laboratory



Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG02@3'

12/27/2024 8:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-03 (Soil)**

Boron (DTPA Sorbitol)

Boron	0.695	0.100	mg/L	1	B4L3111	12/31/2024	01/02/2025
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Metals by Saturated Paste by EPA 6010

Calcium	4.42	0.499	meq/L	10	[CALC]	12/31/2024	01/03/2025
Magnesium	2.64	0.823	"	"	"	"	"
Sodium	4.21	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.08		pH Units	1	B4L3114	12/31/2024	01/03/2025
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SAR by 20B Saturated Paste

SAR	2.24	0.0100	SAR	1	B4L3107	12/31/2024	01/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.08	0.00500	mmhos/cm	1	B4L3114	12/31/2024	01/03/2025
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Table 915 metals by EPA 6020B

Arsenic	5.54	0.282	mg/kg	10	B4L3027	12/31/2024	01/02/2025
Barium	156	9.72	"	"	"	"	"
Cadmium	0.182	0.0972	"	"	"	"	"
Copper	11.4	9.72	"	"	"	"	"

Origins Laboratory



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Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG02@3'

12/27/2024 8:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-03 (Soil)**

Table 915 metals by EPA 6020B

Lead	9.31		0.972	mg/kg	10	B4L3027	12/31/2024	01/02/2025	
Nickel	13.7		0.972	"	"	"	"	"	
Selenium	0.322		0.253	"	"	"	"	"	
Silver	ND		0.0972	"	"	"	"	"	U
Zinc	44.0		36.0	"	"	"	"	"	

Total Metals 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L792713	12/27/2024	01/02/2025	
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Origins Laboratory



Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG02@6'

12/27/2024 9:07:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E4L0874-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.444	0.0996	mg/L	1	B4L3111	12/31/2024	01/02/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	6.01	0.499	meq/L	10	[CALC]	12/31/2024	01/03/2025	
Magnesium	3.40	0.823	"	"	"	"	"	
Sodium	4.04	0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.14		pH Units	1	B4L3114	12/31/2024	01/03/2025	
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SAR by 20B Saturated Paste

SAR	1.86	0.0100	SAR	1	B4L3107	12/31/2024	01/03/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.36	0.00500	mmhos/cm	1	B4L3114	12/31/2024	01/03/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.96	0.282	mg/kg	10	B4L3027	12/31/2024	01/02/2025	
Barium	109	9.72	"	"	"	"	"	
Cadmium	0.145	0.0972	"	"	"	"	"	
Copper	ND	9.72	"	"	"	"	"	U

Origins Laboratory



Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG02@6'

12/27/2024 9:07:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E4L0874-04 (Soil)

Table 915 metals by EPA 6020B

Lead	6.72		0.972	mg/kg	10	B4L3027	12/31/2024	01/02/2025	
Nickel	8.63		0.972	"	"	"	"	"	
Selenium	ND		0.253	"	"	"	"	"	U
Silver	ND		0.0972	"	"	"	"	"	U
Zinc	ND		36.0	"	"	"	"	"	U

Total Metals 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L792713	12/27/2024	01/02/2025	
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Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG03@3'

12/27/2024 9:29:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-05 (Soil)**

Boron (DTPA Sorbitol)

Boron	0.691	0.0989	mg/L	1	B4L3111	12/31/2024	01/02/2025
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Metals by Saturated Paste by EPA 6010

Calcium	7.06	0.499	meq/L	10	[CALC]	12/31/2024	01/03/2025
Magnesium	4.04	0.823	"	"	"	"	"
Sodium	5.11	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.16		pH Units	1	B4L3114	12/31/2024	01/03/2025
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SAR by 20B Saturated Paste

SAR	2.17	0.0100	SAR	1	B4L3107	12/31/2024	01/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.60	0.00500	mmhos/cm	1	B4L3114	12/31/2024	01/03/2025
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Table 915 metals by EPA 6020B

Arsenic	5.33	0.275	mg/kg	10	B4L3027	12/31/2024	01/02/2025
Barium	142	9.48	"	"	"	"	"
Cadmium	0.205	0.0948	"	"	"	"	"
Copper	10.4	9.48	"	"	"	"	"

Origins Laboratory



Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG03@3'

12/27/2024 9:29:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-05 (Soil)**

Table 915 metals by EPA 6020B

Lead	9.74		0.948	mg/kg	10	B4L3027	12/31/2024	01/02/2025	
Nickel	12.7		0.948	"	"	"	"	"	
Selenium	ND		0.246	"	"	"	"	"	U
Silver	ND		0.0948	"	"	"	"	"	U
Zinc	40.7		35.1	"	"	"	"	"	

Total Metals 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L792717	12/27/2024	01/02/2025	
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Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG03@6'

12/27/2024 9:43:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory
E4L0874-06 (Soil)**

Boron (DTPA Sorbitol)

Boron	0.517	0.0991	mg/L	1	B4L3111	12/31/2024	01/02/2025
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Metals by Saturated Paste by EPA 6010

Calcium	5.43	0.499	meq/L	10	[CALC]	12/31/2024	01/03/2025
Magnesium	3.12	0.823	"	"	"	"	"
Sodium	3.29	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.14		pH Units	1	B4L3114	12/31/2024	01/03/2025
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SAR by 20B Saturated Paste

SAR	1.59	0.0100	SAR	1	B4L3107	12/31/2024	01/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.23	0.00500	mmhos/cm	1	B4L3114	12/31/2024	01/03/2025
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Table 915 metals by EPA 6020B

Arsenic	4.08	0.276	mg/kg	10	B4L3027	12/31/2024	01/02/2025
Barium	137	9.52	"	"	"	"	"
Cadmium	0.137	0.0952	"	"	"	"	"
Copper	ND	9.52	"	"	"	"	U

Origins Laboratory



Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

BKG03@6'

12/27/2024 9:43:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E4L0874-06 (Soil)

Table 915 metals by EPA 6020B

Lead	6.02		0.952	mg/kg	10	B4L3027	12/31/2024	01/02/2025	
Nickel	8.29		0.952	"	"	"	"	"	
Selenium	ND		0.247	"	"	"	"	"	U
Silver	ND		0.0952	"	"	"	"	"	U
Zinc	ND		35.2	"	"	"	"	"	U

Total Metals 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L792717	12/27/2024	01/02/2025	
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Origins Laboratory

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Two Dot Consulting
 2200 West 29th Ave
 Denver CO 80211

Kyle Johnson
 Project Number: [none]
 Project: Chevron - Watson E28-17

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 B4L3027 - EPA 3050B

Blank (B4L3027-BLK1)

Prepared: 12/31/2024 Analyzed: 01/02/2025

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 (B4L3027-BS1)

Prepared: 12/31/2024 Analyzed: 01/02/2025

Arsenic	5.59	0.290	mg/kg	5.00		112	80-120			
Barium	586	10.0	"	500		117	80-120			
Cadmium	5.78	0.100	"	5.00		116	80-120			
Copper	57.0	10.0	"	50.0		114	80-120			
Lead	5.48	1.00	"	5.00		110	80-120			
Nickel	5.89	1.00	"	5.00		118	80-120			
Selenium	5.77	0.260	"	5.00		115	80-120			
Silver	5.63	0.100	"	5.00		113	80-120			
Zinc	56.3	37.0	"	50.0		113	80-120			

Matrix Spike (B4L3027-MS1)

Source: E4L0907-01

Prepared: 12/31/2024 Analyzed: 01/02/2025

Arsenic	11.4	0.275	mg/kg	4.75	6.45	104	75-125			
Barium	690	9.50	"	475	110	122	75-125			
Cadmium	5.49	0.0950	"	4.75	0.181	112	75-125			
Copper	64.2	9.50	"	47.5	17.0	99.4	75-125			
Lead	18.1	0.950	"	4.75	11.6	137	75-125			QM-07

Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
 2200 West 29th Ave
 Denver CO 80211

Kyle Johnson
 Project Number: [none]
 Project: Chevron - Watson E28-17

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 B4L3027 - EPA 3050B

Matrix Spike (B4L3027-MS1)

Source: E4L0907-01

Prepared: 12/31/2024 Analyzed: 01/02/2025

Nickel	22.5	0.950	mg/kg	4.75	18.8	77.6	75-125			
Selenium	5.68	0.247	"	4.75	0.197	116	75-125			
Silver	5.02	0.0950	"	4.75	0.0406	105	75-125			
Zinc	108	35.1	"	47.5	64.9	90.6	75-125			

Matrix Spike Dup (B4L3027-MSD1)

Source: E4L0907-01

Prepared: 12/31/2024 Analyzed: 01/02/2025

Arsenic	10.3	0.277	mg/kg	4.78	6.45	79.7	75-125	10.5	20	
Barium	667	9.57	"	478	110	117	75-125	3.34	20	
Cadmium	5.68	0.0957	"	4.78	0.181	115	75-125	3.35	20	
Copper	63.2	9.57	"	47.8	17.0	96.5	75-125	1.61	20	
Lead	17.8	0.957	"	4.78	11.6	129	75-125	1.77	20	QM-07
Nickel	22.5	0.957	"	4.78	18.8	77.2	75-125	0.0337	20	
Selenium	5.59	0.249	"	4.78	0.197	113	75-125	1.69	20	
Silver	5.24	0.0957	"	4.78	0.0406	109	75-125	4.33	20	
Zinc	105	35.4	"	47.8	64.9	83.6	75-125	2.87	20	

Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
 2200 West 29th Ave
 Denver CO 80211

Kyle Johnson
 Project Number: [none]
 Project: Chevron - Watson E28-17

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 B4L3107 - Saturated Paste Metals

Blank (B4L3107-BLK1)

Prepared: 12/31/2024 Analyzed: 01/03/2025

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

Duplicate (B4L3107-DUP1)

Source: E4L0867-14

Prepared: 12/31/2024 Analyzed: 01/03/2025

Calcium PPM	11.2	10.0	mg/L		9.17			20.1	50	
SAR	ND	0.0100	SAR		0.162				200	U
Magnesium PPM	2.99	10.0	mg/L		2.67			11.3	50	U
Sodium PPM	2.20	10.0	"		2.17			1.37	50	U

Batch B4L3111 - DTPA Sorbitol Preparation

Blank (B4L3111-BLK1)

Prepared: 12/31/2024 Analyzed: 01/02/2025

Boron	ND	0.100	mg/L							U
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Duplicate (B4L3111-DUP1)

Source: E4L0873-02

Prepared: 12/31/2024 Analyzed: 01/02/2025

Boron	0.0661	0.0996	mg/L		0.0659			0.383	50	U
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Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
 2200 West 29th Ave
 Denver CO 80211

Kyle Johnson
 Project Number: [none]
 Project: Chevron - Watson E28-17

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 B4L3114 - Saturated Paste pH/EC

Blank (B4L3114-BLK1)

Prepared: 12/31/2024 Analyzed: 01/03/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (B4L3114-DUP1)

Source: E4L0867-14

Prepared: 12/31/2024 Analyzed: 01/03/2025

Specific Conductance (EC)	0.133	0.00500	mmhos/cm		0.122			8.22	25	
pH	7.70		pH Units		7.57			1.70	25	

Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
 2200 West 29th Ave
 Denver CO 80211

Kyle Johnson
 Project Number: [none]
 Project: Chevron - Watson E28-17

**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 L792717 -

DUP (L 89802-DUP)

Source: 89802

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
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MS (L 89802-MS)

Source: 89802

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent	33.3	2.5	mg/Kg	38.9	< 0.244	86	75-125			
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LCS (LCS)

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent	6.13	0.5	mg/Kg	8		77	75-125			
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LRB (LRB)

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent	ND	0.5	mg/Kg			-				
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Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
 2200 West 29th Ave
 Denver CO 80211

Kyle Johnson
 Project Number: [none]
 Project: Chevron - Watson E28-17

**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 L792713 -

DUP (L 89795-DUP)

Source: E4L0874-02

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent

ND

0.5

mg/Kg

<0.500

-

0

20

MS (L 89795-MS)

Source: E4L0874-02

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent

32.3

2.5

mg/Kg

39.9

< 0.244

81

75-125

LCS (LCS)

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent

6.72

0.5

mg/Kg

8

84

75-125

LRB (LRB)

Prepared: Analyzed: 01/02/2025

Chromium, Hexavalent

ND

0.5

mg/Kg

-

Origins Laboratory

Jen Pellegrini, Project Manager

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Two Dot Consulting
2200 West 29th Ave
Denver CO 80211

Kyle Johnson
Project Number: [none]
Project: Chevron - Watson E28-17

Notes and Definitions

- U Sample is Non-Detect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

Origins Laboratory



Jen Pellegrini, Project Manager

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