

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 14, 2025

Ben Baugh
Entrada Consulting Group
240 Mesa Avenue
Grand Junction., CO 81501
RE: Chevron - Kielian 2-2 WH
Work Order #2412263

Enclosed are the results of analyses for samples received by Summit Scientific on 12/12/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Tessier". The signature is written in a cursive, flowing style.

Natalie Tessier For Paul Shrewsbury
President



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| SS3@4-8 | 2412263-01 | Soil | 12/12/24 14:15 | 12/12/24 16:30 |

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4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

| | |
|---------|-------------|
| Lab ID | Page 1 of 1 |
| 2412263 | |

| | | |
|---|---|---|
| Client: <u>Entrada Consulting Group</u> | Send Data To: Project Manager: <u>Ben Baugh</u> | Send Invoice To: Company: <u>Clecon</u> |
| Address: | E-Mail: <u>bbaugh@entradaconsulting.com</u> | Project Name/Location: |
| City/State/Zip: | <u>Jason.Davidson@chevron.com</u> | AFE#: |
| Phone: <u>804-513-0707</u> | Project Name: <u>Kierlan 2-2 WH</u> | PO/Billing Codes: |
| Sampler Name: <u>Ben Baugh</u> | Project Number: | Contact: <u>Jason Davidson</u> |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | Analysis Requested | Special Instructions | |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|--------------------|----------------------|-------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | | | Other |
| 1 | SS3@4-8 | 12/12/24 | 1415 | 2 | | | X | | | X | | X | Table 915-1 | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |

| | | | | | | |
|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------|-------------|--|
| Relinquished by: <u>BB</u> | Date/Time: <u>12/12/24 1530</u> | Received by: <u>[Signature]</u> | Date/Time: <u>12/12/24 1630</u> | TAT Business Days | Field DO | Notes: <u>Submitted on 12/12/24</u> |
| Relinquished by: <u>BB</u> | Date/Time: <u>12/12/24 1630</u> | Received by: <u>[Signature]</u> | Date/Time: <u>12/12/24 1630</u> | Same Day | Field EC | |
| | | | | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| | | | | 3 Days | Field Temp. | |
| Temperature Upon Receipt: <u>0.2</u> | Corrected Temperature: <u>0</u> | IR gun #: | HNO3 lot #: | Standard | X | Field Turb. |

S₂

Sample Receipt Checklist

S2 Work Order# 2412ab3

Client: Entrada Client Project ID: Kielian 2-2 WH

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____

Matrix (Check all that apply) Air Soil/Solid Water Other

Temp (°C) Thermometer #

| | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------|
| If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| If custody seals are present, are they intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | on ZOE |
| Are samples due within 48 hours present? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Did not Relinquish to fridge |
| 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"/> | |
| 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"/> | |
| For volatiles in water – is there headspace 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 (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If dissolved metals are requested, were samples field filtered? | <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 in case narrative.

AS

Custodian Printed Name

12/12/04

Date/Time



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

SS3@4-8
2412263-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/12/24 14:15**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 0.0020 | | mg/kg | 1 | BHL1086 | 12/23/24 | 12/24/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | | " | " | " | " | " | " | |

Date Sampled: **12/12/24 14:15**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0432 | 108 % | | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0405 | 101 % | | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0407 | 102 % | | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/12/24 14:15**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| C10-C28 (DRO) | ND | 50 | | mg/kg | 1 | BHL1092 | 12/23/24 | 12/25/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | | " | " | " | " | " | " | |

Date Sampled: **12/12/24 14:15**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: o-Terphenyl | 9.50 | 76.0 % | | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

SS3@4-8
2412263-01 (Soil)

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PAH by EPA Method 8270D SIM

Date Sampled: 12/12/24 14:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHL1115 | 12/23/24 | 12/29/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: 12/12/24 14:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0209 | 62.6 % | 40-140 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0201 | 60.2 % | 40-140 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: 12/12/24 14:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | ND | 2.00 | mg/L | 1 | BIA1460 | 01/31/25 | 02/01/25 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: 12/12/24 14:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

SS3@4-8
2412263-01 (Soil)

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Total Metals by EPA 6020B

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------|-----------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 0.596 | 0.200 | mg/kg dry | 1 | BIB0207 | 02/05/25 | 02/13/25 | EPA 6020B | |
| Barium | 14.6 | 0.400 | " | " | " | " | " | " | |
| Cadmium | ND | 0.200 | " | " | " | " | " | " | |
| Copper | 2.55 | 0.400 | " | " | " | " | " | " | |
| Lead | 1.30 | 0.200 | " | " | " | " | " | " | |
| Nickel | 2.67 | 0.400 | " | " | " | " | " | " | |
| Silver | ND | 0.0200 | " | " | " | " | " | " | |
| Zinc | 8.46 | 0.400 | " | " | " | " | " | " | |
| Selenium | ND | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: 12/12/24 14:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BIA0377 | 01/09/25 | 01/15/25 | EPA 7196A | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: 12/12/24 14:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 25.5 | 0.0500 | mg/L dry | 1 | BIA0259 | 01/07/25 | 01/15/25 | EPA 6020B | |
| Magnesium | 12.2 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 26.5 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: 12/12/24 14:15

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 1.08 | 0.00100 | units | 1 | BIA0756 | 01/16/25 | 01/16/25 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

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Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

SS3@4-8
2412263-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **12/12/24 14:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 84.6 | | % | 1 | BIA0214 | 01/07/25 | 01/07/25 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **12/12/24 14:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.360 | 0.0100 | mmhos/cm | 1 | BIA0252 | 01/07/25 | 01/10/25 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **12/12/24 14:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.14 | | pH Units | 1 | BIA0244 | 01/07/25 | 01/10/25 | EPA 9045D | |

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240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|--------|------|--------|-----|-------|--|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | | |

Batch BHL1086 - EPA 5030 Soil MS

Blank (BHL1086-BLK1)

Prepared: 12/23/24 Analyzed: 12/24/24

| | | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|--|
| Benzene | ND | 0.0020 | mg/kg | | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| Naphthalene | ND | 0.0038 | " | | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0413 | | " | 0.0400 | | 103 | 50-150 | | | | |
| Surrogate: Toluene-d8 | 0.0379 | | " | 0.0400 | | 94.8 | 50-150 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0369 | | " | 0.0400 | | 92.3 | 50-150 | | | | |

LCS (BHL1086-BS1)

Prepared: 12/23/24 Analyzed: 12/24/24

| | | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|--|
| Benzene | 0.0977 | 0.0020 | mg/kg | 0.100 | | 97.7 | 70-130 | | | | |
| Toluene | 0.0940 | 0.0050 | " | 0.100 | | 94.0 | 70-130 | | | | |
| Ethylbenzene | 0.0967 | 0.0050 | " | 0.100 | | 96.7 | 70-130 | | | | |
| m,p-Xylene | 0.179 | 0.010 | " | 0.200 | | 89.6 | 70-130 | | | | |
| o-Xylene | 0.0723 | 0.0050 | " | 0.100 | | 72.3 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 0.0755 | 0.0050 | " | 0.100 | | 75.5 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 0.0744 | 0.0050 | " | 0.100 | | 74.4 | 70-130 | | | | |
| Naphthalene | 0.0742 | 0.0038 | " | 0.100 | | 74.2 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0442 | | " | 0.0400 | | 110 | 50-150 | | | | |
| Surrogate: Toluene-d8 | 0.0431 | | " | 0.0400 | | 108 | 50-150 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0298 | | " | 0.0400 | | 74.4 | 50-150 | | | | |

Matrix Spike (BHL1086-MS1)

Source: 2412225-24

Prepared: 12/23/24 Analyzed: 12/24/24

QM-01

| | | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|--|
| Benzene | 0.0520 | 0.0020 | mg/kg | 0.100 | ND | 52.0 | 70-130 | | | | |
| Toluene | 0.0510 | 0.0050 | " | 0.100 | ND | 51.0 | 70-130 | | | | |
| Ethylbenzene | 0.0639 | 0.0050 | " | 0.100 | ND | 63.9 | 70-130 | | | | |
| m,p-Xylene | 0.107 | 0.010 | " | 0.200 | ND | 53.3 | 70-130 | | | | |
| o-Xylene | 0.0548 | 0.0050 | " | 0.100 | ND | 54.8 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 0.0339 | 0.0050 | " | 0.100 | ND | 33.9 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 0.0530 | 0.0050 | " | 0.100 | ND | 53.0 | 70-130 | | | | |
| Naphthalene | 0.0110 | 0.0038 | " | 0.100 | ND | 11.0 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0458 | | " | 0.0400 | | 115 | 50-150 | | | | |
| Surrogate: Toluene-d8 | 0.0387 | | " | 0.0400 | | 96.7 | 50-150 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0360 | | " | 0.0400 | | 90.1 | 50-150 | | | | |

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 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike | Source | %REC | | RPD | | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch BHL1086 - EPA 5030 Soil MS

| Matrix Spike Dup (BHL1086-MSD1) | Source: 2412225-24 | | | Prepared: 12/23/24 Analyzed: 12/24/24 | | QM-01 | | | |
|----------------------------------|--------------------|--------|-------|---------------------------------------|----|-------|--------|-------|----|
| Benzene | 0.0508 | 0.0020 | mg/kg | 0.100 | ND | 50.8 | 70-130 | 2.27 | 30 |
| Toluene | 0.0494 | 0.0050 | " | 0.100 | ND | 49.4 | 70-130 | 3.11 | 30 |
| Ethylbenzene | 0.0635 | 0.0050 | " | 0.100 | ND | 63.5 | 70-130 | 0.565 | 30 |
| m,p-Xylene | 0.118 | 0.010 | " | 0.200 | ND | 59.2 | 70-130 | 10.6 | 30 |
| o-Xylene | 0.0598 | 0.0050 | " | 0.100 | ND | 59.8 | 70-130 | 8.74 | 30 |
| 1,2,4-Trimethylbenzene | 0.0388 | 0.0050 | " | 0.100 | ND | 38.8 | 70-130 | 13.5 | 30 |
| 1,3,5-Trimethylbenzene | 0.0530 | 0.0050 | " | 0.100 | ND | 53.0 | 70-130 | 0.170 | 30 |
| Naphthalene | ND | 0.0038 | " | 0.100 | ND | | 70-130 | 200 | 30 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0427 | | " | 0.0400 | | 107 | 50-150 | | |
| Surrogate: Toluene-d8 | 0.0390 | | " | 0.0400 | | 97.5 | 50-150 | | |
| Surrogate: 4-Bromofluorobenzene | 0.0393 | | " | 0.0400 | | 98.3 | 50-150 | | |

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240 Mesa Avenue
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Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source Result | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|---------------|--------|-----|-------|--|-------|
| | | Limit | Units | | | Limits | RPD | Limit | | |

Batch BHL1092 - EPA 3550A

Blank (BHL1092-BLK1)

Prepared: 12/23/24 Analyzed: 12/24/24

| | | | | | | | | | | |
|--------------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | |
| C28-C36 (ORO) | ND | 50 | " | | | | | | | |
| Surrogate: <i>o</i> -Terphenyl | 11.1 | | " | 12.5 | | 88.6 | 30-150 | | | |

LCS (BHL1092-BS1)

Prepared: 12/23/24 Analyzed: 12/24/24

| | | | | | | | | | | |
|--------------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO) | 453 | 50 | mg/kg | 500 | 25.9 | 90.7 | 70-130 | | | |
| Surrogate: <i>o</i> -Terphenyl | 10.3 | | " | 12.5 | | 82.4 | 30-150 | | | |

Matrix Spike (BHL1092-MS1)

Source: 2412206-01

Prepared: 12/23/24 Analyzed: 12/24/24

| | | | | | | | | | | |
|--------------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO) | 525 | 50 | mg/kg | 500 | 25.9 | 99.7 | 70-130 | | | |
| Surrogate: <i>o</i> -Terphenyl | 9.77 | | " | 12.5 | | 78.2 | 30-150 | | | |

Matrix Spike Dup (BHL1092-MSD1)

Source: 2412206-01

Prepared: 12/23/24 Analyzed: 12/24/24

| | | | | | | | | | | |
|--------------------------------|------|----|-------|------|------|-----|--------|------|----|--|
| C10-C28 (DRO) | 575 | 50 | mg/kg | 500 | 25.9 | 110 | 70-130 | 9.21 | 20 | |
| Surrogate: <i>o</i> -Terphenyl | 12.9 | | " | 12.5 | | 103 | 30-150 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike | Source | %REC | | RPD | | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch BHL1115 - EPA 5030 Soil MS

Blank (BHL1115-BLK1)

Prepared: 12/23/24 Analyzed: 12/29/24

| | | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| Acenaphthene | ND | 0.00500 | mg/kg | | | | | | | |
| Anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) pyrene | ND | 0.00500 | " | | | | | | | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Chrysene | ND | 0.00500 | " | | | | | | | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | | | | | | | |
| Fluoranthene | ND | 0.00500 | " | | | | | | | |
| Fluorene | ND | 0.00500 | " | | | | | | | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | | | | | | | |
| Pyrene | ND | 0.00500 | " | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| 2-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0149 | | " | 0.0333 | | 44.6 | 40-140 | | | |
| Surrogate: Fluoranthene-d10 | 0.0201 | | " | 0.0333 | | 60.4 | 40-140 | | | |

LCS (BHL1115-BS1)

Prepared: 12/23/24 Analyzed: 12/29/24

| | | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| Acenaphthene | 0.0200 | 0.00500 | mg/kg | 0.0333 | | 59.9 | 40-140 | | | |
| Anthracene | 0.0208 | 0.00500 | " | 0.0333 | | 62.3 | 40-140 | | | |
| Benzo (a) anthracene | 0.0217 | 0.00500 | " | 0.0333 | | 65.2 | 40-140 | | | |
| Benzo (a) pyrene | 0.0199 | 0.00500 | " | 0.0333 | | 59.6 | 40-140 | | | |
| Benzo (b) fluoranthene | 0.0187 | 0.00500 | " | 0.0333 | | 56.2 | 40-140 | | | |
| Benzo (k) fluoranthene | 0.0194 | 0.00500 | " | 0.0333 | | 58.2 | 40-140 | | | |
| Chrysene | 0.0206 | 0.00500 | " | 0.0333 | | 61.7 | 40-140 | | | |
| Dibenz (a,h) anthracene | 0.0179 | 0.00500 | " | 0.0333 | | 53.6 | 40-140 | | | |
| Fluoranthene | 0.0202 | 0.00500 | " | 0.0333 | | 60.6 | 40-140 | | | |
| Fluorene | 0.0203 | 0.00500 | " | 0.0333 | | 60.9 | 40-140 | | | |
| Indeno (1,2,3-cd) pyrene | 0.0184 | 0.00500 | " | 0.0333 | | 55.2 | 40-140 | | | |
| Pyrene | 0.0215 | 0.00500 | " | 0.0333 | | 64.5 | 40-140 | | | |
| 1-Methylnaphthalene | 0.0197 | 0.00500 | " | 0.0333 | | 59.2 | 40-140 | | | |
| 2-Methylnaphthalene | 0.0196 | 0.00500 | " | 0.0333 | | 58.9 | 40-140 | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0200 | | " | 0.0333 | | 59.9 | 40-140 | | | |
| Surrogate: Fluoranthene-d10 | 0.0206 | | " | 0.0333 | | 61.9 | 40-140 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike | Source | %REC | | RPD | | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch BHL1115 - EPA 5030 Soil MS

| Matrix Spike (BHL1115-MS1) | Source: 2412256-28 | | | Prepared: 12/23/24 Analyzed: 12/29/24 | | | | | |
|------------------------------------|--------------------|---------|-------|---------------------------------------|----|------|--------|--|--|
| Acenaphthene | 0.0173 | 0.00500 | mg/kg | 0.0333 | ND | 51.9 | 40-140 | | |
| Anthracene | 0.0177 | 0.00500 | " | 0.0333 | ND | 53.0 | 40-140 | | |
| Benzo (a) anthracene | 0.0176 | 0.00500 | " | 0.0333 | ND | 52.7 | 40-140 | | |
| Benzo (a) pyrene | 0.0161 | 0.00500 | " | 0.0333 | ND | 48.2 | 40-140 | | |
| Benzo (b) fluoranthene | 0.0151 | 0.00500 | " | 0.0333 | ND | 45.2 | 40-140 | | |
| Benzo (k) fluoranthene | 0.0157 | 0.00500 | " | 0.0333 | ND | 47.1 | 40-140 | | |
| Chrysene | 0.0169 | 0.00500 | " | 0.0333 | ND | 50.7 | 40-140 | | |
| Dibenz (a,h) anthracene | 0.0143 | 0.00500 | " | 0.0333 | ND | 42.8 | 40-140 | | |
| Fluoranthene | 0.0165 | 0.00500 | " | 0.0333 | ND | 49.4 | 40-140 | | |
| Fluorene | 0.0170 | 0.00500 | " | 0.0333 | ND | 51.0 | 40-140 | | |
| Indeno (1,2,3-cd) pyrene | 0.0140 | 0.00500 | " | 0.0333 | ND | 42.1 | 40-140 | | |
| Pyrene | 0.0175 | 0.00500 | " | 0.0333 | ND | 52.5 | 40-140 | | |
| 1-Methylnaphthalene | 0.0173 | 0.00500 | " | 0.0333 | ND | 51.8 | 40-140 | | |
| 2-Methylnaphthalene | 0.0174 | 0.00500 | " | 0.0333 | ND | 52.1 | 40-140 | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0175 | | " | 0.0333 | | 52.6 | 40-140 | | |
| Surrogate: Fluoranthene-d10 | 0.0169 | | " | 0.0333 | | 50.8 | 40-140 | | |

| Matrix Spike Dup (BHL1115-MSD1) | Source: 2412256-28 | | | Prepared: 12/23/24 Analyzed: 12/29/24 | | | | | |
|------------------------------------|--------------------|---------|-------|---------------------------------------|----|------|--------|------|----|
| Acenaphthene | 0.0190 | 0.00500 | mg/kg | 0.0333 | ND | 56.9 | 40-140 | 9.15 | 30 |
| Anthracene | 0.0192 | 0.00500 | " | 0.0333 | ND | 57.5 | 40-140 | 8.17 | 30 |
| Benzo (a) anthracene | 0.0196 | 0.00500 | " | 0.0333 | ND | 58.9 | 40-140 | 11.2 | 30 |
| Benzo (a) pyrene | 0.0176 | 0.00500 | " | 0.0333 | ND | 52.9 | 40-140 | 9.45 | 30 |
| Benzo (b) fluoranthene | 0.0165 | 0.00500 | " | 0.0333 | ND | 49.6 | 40-140 | 9.20 | 30 |
| Benzo (k) fluoranthene | 0.0170 | 0.00500 | " | 0.0333 | ND | 50.9 | 40-140 | 7.69 | 30 |
| Chrysene | 0.0183 | 0.00500 | " | 0.0333 | ND | 55.0 | 40-140 | 8.19 | 30 |
| Dibenz (a,h) anthracene | 0.0156 | 0.00500 | " | 0.0333 | ND | 46.7 | 40-140 | 8.85 | 30 |
| Fluoranthene | 0.0179 | 0.00500 | " | 0.0333 | ND | 53.7 | 40-140 | 8.32 | 30 |
| Fluorene | 0.0186 | 0.00500 | " | 0.0333 | ND | 55.9 | 40-140 | 9.00 | 30 |
| Indeno (1,2,3-cd) pyrene | 0.0154 | 0.00500 | " | 0.0333 | ND | 46.3 | 40-140 | 9.63 | 30 |
| Pyrene | 0.0190 | 0.00500 | " | 0.0333 | ND | 57.1 | 40-140 | 8.49 | 30 |
| 1-Methylnaphthalene | 0.0195 | 0.00500 | " | 0.0333 | ND | 58.5 | 40-140 | 12.0 | 30 |
| 2-Methylnaphthalene | 0.0194 | 0.00500 | " | 0.0333 | ND | 58.1 | 40-140 | 10.9 | 30 |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0196 | | " | 0.0333 | | 58.9 | 40-140 | | |
| Surrogate: Fluoranthene-d10 | 0.0185 | | " | 0.0333 | | 55.4 | 40-140 | | |

Summit Scientific

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Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source Result | %REC | | RPD | Limit | Notes |
|---------|--------|-----------|-------|-------------|---------------|------|--------|-----|-------|-------|
| | | Limit | Units | | | %REC | Limits | | | |

Batch BIA1460 - EPA 3050B

Blank (BIA1460-BLK1)

Prepared: 01/31/25 Analyzed: 02/01/25

Boron ND 2.00 mg/L

LCS (BIA1460-BS1)

Prepared: 01/31/25 Analyzed: 02/01/25

Boron 5.05 2.00 mg/L 5.00 101 80-120

Duplicate (BIA1460-DUP1)

Source: 2412263-01

Prepared: 01/31/25 Analyzed: 02/01/25

Boron 0.218 2.00 mg/L 0.276 23.6 20 QR-01

Matrix Spike (BIA1460-MS1)

Source: 2412263-01

Prepared: 01/31/25 Analyzed: 02/01/25

Boron 5.36 2.00 mg/L 4.99 0.276 102 75-125

Matrix Spike Dup (BIA1460-MSD1)

Source: 2412263-01

Prepared: 01/31/25 Analyzed: 02/01/25

Boron 5.45 2.00 mg/L 4.99 0.276 104 75-125 1.76 25

Summit Scientific

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Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Total Metals by EPA 6020B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | %REC | | RPD | | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch BIB0207 - EPA 3050B

Blank (BIB0207-BLK1)

Prepared: 02/05/25 Analyzed: 02/13/25

| | | | | | | | | | | |
|----------|----|--------|-----------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.200 | mg/kg wet | | | | | | | |
| Barium | ND | 0.400 | " | | | | | | | |
| Cadmium | ND | 0.200 | " | | | | | | | |
| Copper | ND | 0.400 | " | | | | | | | |
| Lead | ND | 0.200 | " | | | | | | | |
| Nickel | ND | 0.400 | " | | | | | | | |
| Silver | ND | 0.0200 | " | | | | | | | |
| Zinc | ND | 0.400 | " | | | | | | | |
| Selenium | ND | 0.260 | " | | | | | | | |

LCS (BIB0207-BS1)

Prepared: 02/05/25 Analyzed: 02/13/25

| | | | | | | |
|----------|------|--------|-----------|------|------|--------|
| Arsenic | 41.0 | 0.200 | mg/kg wet | 41.0 | 100 | 80-120 |
| Barium | 41.9 | 0.400 | " | 41.0 | 102 | 80-120 |
| Cadmium | 2.22 | 0.200 | " | 2.05 | 108 | 80-120 |
| Copper | 40.7 | 0.400 | " | 41.0 | 99.2 | 80-120 |
| Lead | 22.5 | 0.200 | " | 20.5 | 110 | 80-120 |
| Nickel | 46.2 | 0.400 | " | 41.0 | 113 | 80-120 |
| Silver | 2.20 | 0.0200 | " | 2.05 | 107 | 80-120 |
| Zinc | 41.8 | 0.400 | " | 41.0 | 102 | 80-120 |
| Selenium | 4.70 | 0.260 | " | 4.10 | 115 | 80-120 |

Duplicate (BIB0207-DUP1)

Source: 2412256-16

Prepared: 02/05/25 Analyzed: 02/13/25

| | | | | | | | |
|----------|--------|--------|-----------|--------|-------|----|-------|
| Arsenic | 5.12 | 0.200 | mg/kg dry | 5.60 | 8.82 | 20 | |
| Barium | 147 | 0.400 | " | 191 | 26.1 | 20 | QR-04 |
| Cadmium | 0.436 | 0.200 | " | 0.442 | 1.41 | 20 | |
| Copper | 15.0 | 0.400 | " | 15.9 | 6.22 | 20 | |
| Lead | 13.2 | 0.200 | " | 13.6 | 2.83 | 20 | |
| Nickel | 6.64 | 0.400 | " | 6.53 | 1.59 | 20 | |
| Silver | 0.0674 | 0.0200 | " | 0.0803 | 17.4 | 20 | |
| Zinc | 57.1 | 0.400 | " | 56.8 | 0.588 | 20 | |
| Selenium | 0.283 | 0.260 | " | 0.317 | 11.2 | 20 | |

Summit Scientific

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Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Total Metals by EPA 6020B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|--|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | | |

Batch BIB0207 - EPA 3050B

| Matrix Spike (BIB0207-MS1) | Source: 2412256-16 | | | Prepared: 02/05/25 | | Analyzed: 02/13/25 | | | | | |
|-----------------------------------|---------------------------|--------|-----------|--------------------|--------|--------------------|--------|--|--|--|-------|
| Arsenic | 52.1 | 0.200 | mg/kg dry | 49.0 | 5.60 | 94.9 | 75-125 | | | | |
| Barium | 197 | 0.400 | " | 49.0 | 191 | 11.8 | 75-125 | | | | QM-05 |
| Cadmium | 3.07 | 0.200 | " | 2.45 | 0.442 | 107 | 75-125 | | | | |
| Copper | 59.6 | 0.400 | " | 49.0 | 15.9 | 89.1 | 75-125 | | | | |
| Lead | 38.1 | 0.200 | " | 24.5 | 13.6 | 99.9 | 75-125 | | | | |
| Nickel | 35.3 | 0.400 | " | 49.0 | 6.53 | 58.6 | 75-125 | | | | QM-05 |
| Silver | 2.61 | 0.0200 | " | 2.45 | 0.0803 | 103 | 75-125 | | | | |
| Zinc | 103 | 0.400 | " | 49.0 | 56.8 | 94.6 | 75-125 | | | | |
| Selenium | 5.26 | 0.260 | " | 4.90 | 0.317 | 101 | 75-125 | | | | |

| Matrix Spike Dup (BIB0207-MSD1) | Source: 2412256-16 | | | Prepared: 02/05/25 | | Analyzed: 02/13/25 | | | | | |
|--|---------------------------|--------|-----------|--------------------|--------|--------------------|--------|-------|----|--|-------|
| Arsenic | 51.5 | 0.200 | mg/kg dry | 48.2 | 5.60 | 95.1 | 75-125 | 1.29 | 25 | | |
| Barium | 197 | 0.400 | " | 48.2 | 191 | 11.5 | 75-125 | 0.127 | 25 | | QM-05 |
| Cadmium | 3.01 | 0.200 | " | 2.41 | 0.442 | 106 | 75-125 | 2.21 | 25 | | |
| Copper | 58.1 | 0.400 | " | 48.2 | 15.9 | 87.4 | 75-125 | 2.61 | 25 | | |
| Lead | 38.0 | 0.200 | " | 24.1 | 13.6 | 101 | 75-125 | 0.321 | 25 | | |
| Nickel | 34.9 | 0.400 | " | 48.2 | 6.53 | 58.8 | 75-125 | 1.06 | 25 | | QM-05 |
| Silver | 2.57 | 0.0200 | " | 2.41 | 0.0803 | 103 | 75-125 | 1.32 | 25 | | |
| Zinc | 102 | 0.400 | " | 48.2 | 56.8 | 94.2 | 75-125 | 0.916 | 25 | | |
| Selenium | 5.37 | 0.260 | " | 4.82 | 0.317 | 105 | 75-125 | 1.94 | 25 | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|--------|------|--------|-----|-------|--|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | | |

Batch BIA0377 - 3060A Mod

| | | | | | | | | | | | |
|--|------|---------------------------------------|-----------|---------------------------------------|-----|--------|--------|------|--|----|--|
| Blank (BIA0377-BLK1) | | Prepared: 01/09/25 Analyzed: 01/15/25 | | | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg wet | | | | | | | | |
| LCS (BIA0377-BS1) | | Prepared: 01/09/25 Analyzed: 01/15/25 | | | | | | | | | |
| Chromium, Hexavalent | 25.8 | 0.30 | mg/kg wet | 24.3 | 106 | 80-120 | | | | | |
| Duplicate (BIA0377-DUP1) | | Source: 2412249-01 | | Prepared: 01/09/25 Analyzed: 01/15/25 | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | | ND | | | | | 20 | |
| Matrix Spike (BIA0377-MS1) | | Source: 2412249-01 | | Prepared: 01/09/25 Analyzed: 01/15/25 | | | | | | | |
| Chromium, Hexavalent | 25.7 | 0.30 | mg/kg dry | 26.2 | ND | 98.2 | 75-125 | | | | |
| Matrix Spike Dup (BIA0377-MSD1) | | Source: 2412249-01 | | Prepared: 01/09/25 Analyzed: 01/15/25 | | | | | | | |
| Chromium, Hexavalent | 26.9 | 0.30 | mg/kg dry | 25.4 | ND | 106 | 75-125 | 4.50 | | 20 | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source Result | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|---------------|------|--------|-----|-------|-------|
| | | Limit | Units | | | %REC | Limits | RPD | Limit | |

Batch BIA0259 - General Preparation

Blank (BIA0259-BLK1)

Prepared: 01/07/25 Analyzed: 01/15/25

| | | | | | | | | | | |
|-----------|----|--------|----------|--|--|--|--|--|--|--|
| Calcium | ND | 0.0500 | mg/L wet | | | | | | | |
| Magnesium | ND | 0.0500 | " | | | | | | | |
| Sodium | ND | 0.0500 | " | | | | | | | |

LCS (BIA0259-BS1)

Prepared: 01/07/25 Analyzed: 01/15/25

| | | | | | | | | | | |
|-----------|------|--------|----------|------|------|--------|--|--|--|--|
| Calcium | 4.33 | 0.0500 | mg/L wet | 5.00 | 86.6 | 70-130 | | | | |
| Magnesium | 4.95 | 0.0500 | " | 5.00 | 99.0 | 70-130 | | | | |
| Sodium | 5.00 | 0.0500 | " | 5.00 | 100 | 70-130 | | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike | Source | %REC | | | RPD | Notes |
|---------|--------|-----------|-------|-------|--------|------|--------|-----|-------|-------|
| | | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch BIA0214 - General Preparation

Duplicate (BIA0214-DUP1)

Source: 2412256-31

Prepared & Analyzed: 01/07/25

| | | | | | | | | | | |
|----------|------|--|---|--|------|--|--|-------|----|--|
| % Solids | 90.5 | | % | | 90.4 | | | 0.135 | 20 | |
|----------|------|--|---|--|------|--|--|-------|----|--|

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|--------|------|--------|-----|-------|--|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | | |

Batch BIA0252 - General Preparation

Blank (BIA0252-BLK1)

Prepared: 01/07/25 Analyzed: 01/10/25

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BIA0252-BS1)

Prepared: 01/07/25 Analyzed: 01/10/25

Specific Conductance (EC) 1.39 0.0100 mmhos/cm 1.41 98.3 95-105

Duplicate (BIA0252-DUP1)

Source: 2412263-01

Prepared: 01/07/25 Analyzed: 01/10/25

Specific Conductance (EC) 0.359 0.0100 mmhos/cm 0.360 0.277 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
 Project Manager: Ben Baugh

Reported:
 02/14/25 09:04

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike | Source | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------|--------|------|--------|-----|-------|-------|
| | | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch BIA0244 - General Preparation

LCS (BIA0244-BS1)

Prepared: 01/07/25 Analyzed: 01/10/25

| | | | | | |
|----|------|----------|------|------|--------|
| pH | 9.06 | pH Units | 9.18 | 98.7 | 95-105 |
|----|------|----------|------|------|--------|

Duplicate (BIA0244-DUP1)

Source: 2412263-01

Prepared: 01/07/25 Analyzed: 01/10/25

| | | | | | |
|----|------|----------|------|-------|----|
| pH | 8.12 | pH Units | 8.14 | 0.215 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Chevron - Kielian 2-2 WH

Project Number: [none]
Project Manager: Ben Baugh

Reported:
02/14/25 09:04

Notes and Definitions

- QR-04 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- QR-01 Analyses are not controlled on RPD values from sample concentrations below the reporting limit. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- QM-01 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference