

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 25, 2024

Karen Olson

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: PDC - Land 31-13,17,19,24,36D Flowline

Work Order #2409286

Enclosed are the results of analyses for samples received by Summit Scientific on 09/18/24 17:53. 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 fluid and cursive, written in a professional style.

Natalie Tessier For Paul Shrewsbury

President



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| BKG02@0-6" | 2409286-01 | Soil | 09/18/24 10:36 | 09/18/24 17:53 |
| BKG02@2.5' | 2409286-02 | Soil | 09/18/24 10:44 | 09/18/24 17:53 |
| BKG02@3' | 2409286-03 | Soil | 09/18/24 10:54 | 09/18/24 17:53 |
| BKG02@4' | 2409286-04 | Soil | 09/18/24 11:00 | 09/18/24 17:53 |
| BKG02@4.5' | 2409286-05 | Soil | 09/18/24 11:10 | 09/18/24 17:53 |

Summit Scientific

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| | | | | | |
|---|--|--|--|---|--|
| Client: PDC / Tasman | | Send Data To: Project Manager: Karen Olson | | Send Invoice To: Company: PDC Energy | |
| Address: 6855 W 119th Ave | | E-Mail: karen.olson@PDCE.com | | Project Name/Location: Land 31-13, 17, 19, 24, 36 D | |
| City/State/Zip: Broomfield / CO / 80020 | | | | AFE#: PX-90033 | |
| Phone: 303-487-1228 | | Project Name: Land 31-13, 17, 19, 24, 36 D | | PO/Billing Codes: | |
| Sampler Name: Molly Parks | | Project Number: 33835 | | Contact: Karen Olson ^{mp} Delbert Pace | |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | Analysis Requested | | | | | | | | On Hold | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|--------------------|---------------|--------------|-------------------|-------------|-------------|------|--------|---------|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | BTEXN - 8260B | TPH (C6-C36) | 1,2,4 & 1,3,5-TMB | Boron - HWS | pH, EC, SAR | PAHs | Metals | | |
| 1 | 13KG02@0-6" | 09.18.24 | 1036 | 2 | | | X | | | X | | | | | | X | X | | X | | |
| 2 | 13KG02@2.5' | | 1044 | 1 | | | | | | | | | | | | | | | | | |
| 3 | 13KG02@3' | | 1054 | 1 | | | | | | | | | | | | | | | | | |
| 4 | 13KG02@4' | | 1100 | 1 | | | | | | | | | | | | | | | | | |
| 5 | 13KG02@4.5' | | 1110 | 1 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|---|-----------------------------------|-------------------------------------|-----------------------------------|--------------------|-------------------|--------|
| Relinquished by: <u>MP</u> | Date/Time: <u>09.18.24 / 1413</u> | Received by: <u>Tasman lock box</u> | Date/Time: <u>09.18.24 / 1413</u> | TAT Business Days | Field DO | Notes: |
| | | | | Same Day | Field EC | |
| Relinquished by: <u>Tasman lock box</u> | Date/Time: <u>9/18/24 1753</u> | Received by: <u>[Signature]</u> | Date/Time: <u>9/18/24 1753</u> | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 3 Days | Field Temp. | |
| | | | | Standard | X Field Turb. | |
| Temperature Upon Receipt: <u>8.5</u> | | Corrected Temperature: <u>8</u> | | IR gun #: <u>1</u> | HNO3 lot #: _____ | |

| | | | | | |
|--|--|---|--|--|--|
| Client: PDC / Tasman | | Send Data To: | | Send Invoice To: | |
| Address: 6855 W 119th Ave | | Project Manager: Karen Olson | | Company: PDC Energy | |
| City/State/Zip: Broomfield / CO / 80020 | | E-Mail: karen.olson@PDCE.com | | Project Name/Location: Land 31-13, 17, 19, 24, 36 D | |
| Phone: 303-487-1228 | | Project Name: Land 31-13, 17, 19, 24, 36 D | | AFE#: PX-90033 | |
| Sampler Name: Molly Parks | | Project Number: 33835 | | PO/Billing Codes: | |
| | | | | Contact: Karen Olson ^{mp} Delbert Pace | |

| | | | | | Preservative | | | | Matrix | | | | Analysis Requested | | | | | | | Special Instructions | | |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|--------------|-------------------|-------------|-------------|------|--------|----------------------|--|--|
| ID | Sample Description | Date Sampled | Time Sampled | # of containers | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | BTEXN - 8260B | TPH (C6-C36) | 1,2,4 & 1,3,5-TMB | Boron - HWS | pH, EC, SAR | PAHs | Metals | On Hold | | |
| 1 | 13KG02@0-6' | 09.18.24 | 1036 | 2 | | | X | | | X | | | | | | X | X | | | X | | |
| 2 | 13KG02@2.5' | ↓ | 1044 | ↓ | | | ↓ | | | ↓ | | | | | | ↓ | ↓ | | | ↓ | | |
| 3 | 13KG02@3' | | 1054 | | | | | | | | | | | | | | | | | | | |
| 4 | 13KG02@4' | | 1100 | | | | | | | | | | | | | | | | | | | |
| 5 | 13KG02@4.5' | ↓ | 1110 | ↓ | | | ↓ | | | ↓ | | | | | | ↓ | ↓ | | | ↓ | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|-------------------------------|-----------------|-------------------------|-----------------|-------------------|---------------|--------|
| Relinquished by: | Date/Time: | Received by: | Date/Time: | TAT Business Days | Field DO | Notes: |
| MP | 09.18.24 / 1413 | Tasman lock box | 09.18.24 / 1413 | Same Day | Field EC | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 1 Day | Field ORP | |
| Tasman lock box | 9/18/24 1753 | [Signature] | 9/18/24 1753 | 2 Days | Field pH | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 3 Days | Field Temp. | |
| | | | | Standard | X Field Turb. | |
| Temperature Upon Receipt: 8.5 | | Corrected Temperature 6 | | IR gun #: 1 | HNO3 lot #: | |



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Project: PDC - Land 31-13,17,19,24,36D Flowline
Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@0-6"
2409286-01 (Soil)

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Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Boron | ND | 2.00 | | mg/L | 1 | BHI0698 | 09/20/24 | 09/24/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Arsenic | 4.85 | 0.200 | | mg/kg dry | 1 | BHI0691 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Barium | 356 | 0.400 | | " | " | " | " | " | " | |
| Cadmium | 0.292 | 0.200 | | " | " | " | " | " | " | |
| Copper | 7.03 | 0.400 | | " | " | " | " | " | " | |
| Lead | 13.5 | 0.200 | | " | " | " | " | " | " | |
| Nickel | 5.85 | 0.400 | | " | " | " | " | " | " | |
| Silver | 0.0685 | 0.0200 | | " | " | " | " | " | " | |
| Zinc | 23.4 | 0.400 | | " | " | " | " | " | " | |
| Selenium | ND | 0.260 | | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|--|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | | mg/kg dry | 1 | BHI0645 | 09/19/24 | 09/19/24 | EPA 7196A | |

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

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Calcium | 40.2 | 0.0500 | | mg/L dry | 1 | BHI0713 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Magnesium | 6.75 | 0.0500 | | " | " | " | " | " | " | |
| Sodium | 52.1 | 0.0500 | | " | " | " | " | " | " | |

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline
Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@0-6"
2409286-01 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.00 | 0.00100 | units | 1 | BHI0860 | 09/25/24 | 09/25/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 81.3 | | % | 1 | BHI0732 | 09/23/24 | 09/23/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.554 | 0.0100 | mmhos/cm | 1 | BHI0715 | 09/20/24 | 09/24/24 | EPA 120.1 | |

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

Date Sampled: **09/18/24 10:36**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.57 | | pH Units | 1 | BHI0714 | 09/20/24 | 09/24/24 | EPA 9045D | |

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Project: PDC - Land 31-13,17,19,24,36D Flowline
Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@2.5'
2409286-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Boron | ND | 2.00 | | mg/L | 1 | BHI0698 | 09/20/24 | 09/24/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Arsenic | 6.13 | 0.181 | | mg/kg dry | 1 | BHI0691 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Barium | 141 | 0.362 | | " | " | " | " | " | " | |
| Cadmium | 0.293 | 0.181 | | " | " | " | " | " | " | |
| Copper | 7.08 | 0.362 | | " | " | " | " | " | " | |
| Lead | 14.4 | 0.181 | | " | " | " | " | " | " | |
| Nickel | 4.93 | 0.362 | | " | " | " | " | " | " | |
| Silver | 0.0610 | 0.0181 | | " | " | " | " | " | " | |
| Zinc | 22.1 | 0.362 | | " | " | " | " | " | " | |
| Selenium | ND | 0.236 | | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|--|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | | mg/kg dry | 1 | BHI0645 | 09/19/24 | 09/19/24 | EPA 7196A | |

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

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Calcium | 641 | 0.0500 | | mg/L dry | 1 | BHI0713 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Magnesium | 126 | 0.0500 | | " | " | " | " | " | " | |
| Sodium | 155 | 0.0500 | | " | " | " | " | " | " | |

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@2.5'
2409286-02 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 1.47 | 0.00100 | units | 1 | BHI0860 | 09/25/24 | 09/25/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 78.4 | | % | 1 | BHI0732 | 09/23/24 | 09/23/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 4.17 | 0.0100 | mmhos/cm | 1 | BHI0715 | 09/20/24 | 09/24/24 | EPA 120.1 | |

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

Date Sampled: **09/18/24 10:44**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.89 | | pH Units | 1 | BHI0714 | 09/20/24 | 09/24/24 | EPA 9045D | |

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Project: PDC - Land 31-13,17,19,24,36D Flowline
Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@3'
2409286-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Boron | ND | 2.00 | mg/L | 1 | BHI0698 | 09/20/24 | 09/24/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Arsenic | 3.80 | 0.200 | mg/kg dry | 1 | BHI0691 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Barium | 110 | 0.400 | " | " | " | " | " | " | |
| Cadmium | ND | 0.200 | " | " | " | " | " | " | |
| Copper | 5.03 | 0.400 | " | " | " | " | " | " | |
| Lead | 7.49 | 0.200 | " | " | " | " | " | " | |
| Nickel | 4.35 | 0.400 | " | " | " | " | " | " | |
| Silver | 0.0313 | 0.0200 | " | " | " | " | " | " | |
| Zinc | 17.5 | 0.400 | " | " | " | " | " | " | |
| Selenium | ND | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHI0645 | 09/19/24 | 09/19/24 | EPA 7196A | |

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

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Calcium | 73.4 | 0.0500 | mg/L dry | 1 | BHI0713 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Magnesium | 33.2 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 126 | 0.0500 | " | " | " | " | " | " | |

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Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@3'
2409286-03 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 3.07 | 0.00100 | units | 1 | BHI0860 | 09/25/24 | 09/25/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 81.1 | | % | 1 | BHI0732 | 09/23/24 | 09/23/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.89 | 0.0100 | mmhos/cm | 1 | BHI0715 | 09/20/24 | 09/24/24 | EPA 120.1 | |

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

Date Sampled: **09/18/24 10:54**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.32 | | pH Units | 1 | BHI0714 | 09/20/24 | 09/24/24 | EPA 9045D | |

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Project: PDC - Land 31-13,17,19,24,36D Flowline
Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@4'
2409286-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Boron | ND | 2.00 | mg/L | 1 | BHI0698 | 09/20/24 | 09/24/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Arsenic | 2.62 | 0.200 | mg/kg dry | 1 | BHI0691 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Barium | 41.2 | 0.400 | " | " | " | " | " | " | |
| Cadmium | ND | 0.200 | " | " | " | " | " | " | |
| Copper | 2.59 | 0.400 | " | " | " | " | " | " | |
| Lead | 3.17 | 0.200 | " | " | " | " | " | " | |
| Nickel | 3.32 | 0.400 | " | " | " | " | " | " | |
| Silver | ND | 0.0200 | " | " | " | " | " | " | |
| Zinc | 7.62 | 0.400 | " | " | " | " | " | " | |
| Selenium | ND | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHI0645 | 09/19/24 | 09/19/24 | EPA 7196A | |

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

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Calcium | 45.9 | 0.0500 | mg/L dry | 1 | BHI0713 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Magnesium | 6.04 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 60.9 | 0.0500 | " | " | " | " | " | " | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@4'
2409286-04 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.24 | 0.00100 | units | 1 | BHI0860 | 09/25/24 | 09/25/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 93.7 | | % | 1 | BHI0732 | 09/23/24 | 09/23/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.774 | 0.0100 | mmhos/cm | 1 | BHI0715 | 09/20/24 | 09/24/24 | EPA 120.1 | |

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

Date Sampled: **09/18/24 11:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.63 | | pH Units | 1 | BHI0714 | 09/20/24 | 09/24/24 | EPA 9045D | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline
Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@4.5'
2409286-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Boron | ND | 2.00 | | mg/L | 1 | BHI0698 | 09/20/24 | 09/24/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Arsenic | 2.43 | 0.200 | | mg/kg dry | 1 | BHI0691 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Barium | 43.1 | 0.400 | | " | " | " | " | " | " | |
| Cadmium | ND | 0.200 | | " | " | " | " | " | " | |
| Copper | 3.48 | 0.400 | | " | " | " | " | " | " | |
| Lead | 4.38 | 0.200 | | " | " | " | " | " | " | |
| Nickel | 3.42 | 0.400 | | " | " | " | " | " | " | |
| Silver | ND | 0.0200 | | " | " | " | " | " | " | |
| Zinc | 11.5 | 0.400 | | " | " | " | " | " | " | |
| Selenium | ND | 0.260 | | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|--|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | | mg/kg dry | 1 | BHI0645 | 09/19/24 | 09/19/24 | EPA 7196A | |

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

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Calcium | 43.1 | 0.0500 | | mg/L dry | 1 | BHI0713 | 09/20/24 | 09/24/24 | EPA 6020B | |
| Magnesium | 17.2 | 0.0500 | | " | " | " | " | " | " | |
| Sodium | 104 | 0.0500 | | " | " | " | " | " | " | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline
Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

BKG02@4.5'
2409286-05 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 3.39 | 0.00100 | units | 1 | BHI0860 | 09/25/24 | 09/25/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 84.5 | | % | 1 | BHI0732 | 09/23/24 | 09/23/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.822 | 0.0100 | mmhos/cm | 1 | BHI0715 | 09/20/24 | 09/24/24 | EPA 120.1 | |

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

Date Sampled: **09/18/24 11:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.74 | | pH Units | 1 | BHI0714 | 09/20/24 | 09/24/24 | EPA 9045D | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

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

Summit Scientific

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

Batch BHI0698 - EPA 3050B

Blank (BHI0698-BLK1)

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | |
|-------|----|------|------|
| Boron | ND | 2.00 | mg/L |
|-------|----|------|------|

LCS (BHI0698-BS1)

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | | | | |
|-------|------|------|------|------|-----|--------|
| Boron | 5.16 | 2.00 | mg/L | 5.00 | 103 | 80-120 |
|-------|------|------|------|------|-----|--------|

Duplicate (BHI0698-DUP1)

Source: 2409286-01

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | | | | |
|-------|-------|------|------|-------|------|----|
| Boron | 0.423 | 2.00 | mg/L | 0.390 | 8.30 | 20 |
|-------|-------|------|------|-------|------|----|

Matrix Spike (BHI0698-MS1)

Source: 2409286-01

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | | | | | |
|-------|------|------|------|------|-------|------|--------|
| Boron | 5.38 | 2.00 | mg/L | 5.05 | 0.390 | 98.8 | 75-125 |
|-------|------|------|------|------|-------|------|--------|

Matrix Spike Dup (BHI0698-MSD1)

Source: 2409286-01

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | | | | | | | |
|-------|------|------|------|------|-------|-----|--------|------|----|
| Boron | 5.59 | 2.00 | mg/L | 5.05 | 0.390 | 103 | 75-125 | 3.81 | 25 |
|-------|------|------|------|------|-------|-----|--------|------|----|

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHI0691 - EPA 3050B

Blank (BHI0691-BLK1)

Prepared: 09/20/24 Analyzed: 09/23/24

| | | | |
|----------|----|--------|-----------|
| 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 (BHI0691-BS1)

Prepared: 09/20/24 Analyzed: 09/23/24

| | | | | | | |
|----------|------|--------|-----------|------|-----|--------|
| Arsenic | 39.5 | 0.200 | mg/kg wet | 37.3 | 106 | 80-120 |
| Barium | 39.6 | 0.400 | " | 37.3 | 106 | 80-120 |
| Cadmium | 1.97 | 0.200 | " | 1.87 | 105 | 80-120 |
| Copper | 38.7 | 0.400 | " | 37.3 | 104 | 80-120 |
| Lead | 20.1 | 0.200 | " | 18.7 | 108 | 80-120 |
| Nickel | 37.7 | 0.400 | " | 37.3 | 101 | 80-120 |
| Silver | 2.01 | 0.0200 | " | 1.87 | 108 | 80-120 |
| Zinc | 37.6 | 0.400 | " | 37.3 | 101 | 80-120 |
| Selenium | 3.75 | 0.260 | " | 3.73 | 100 | 80-120 |

Duplicate (BHI0691-DUP1)

Source: 2409274-01

Prepared: 09/20/24 Analyzed: 09/23/24

| | | | | | | | |
|----------|--------|--------|-----------|--------|------|----|-------|
| Arsenic | 2.21 | 0.200 | mg/kg dry | 3.74 | 51.4 | 20 | QR-02 |
| Barium | 74.0 | 0.400 | " | 122 | 49.3 | 20 | QR-02 |
| Cadmium | 0.197 | 0.200 | " | 0.393 | 66.2 | 20 | QR-01 |
| Copper | 4.77 | 0.400 | " | 6.20 | 26.1 | 20 | QR-02 |
| Lead | 6.05 | 0.200 | " | 11.3 | 60.8 | 20 | QR-02 |
| Nickel | 4.64 | 0.400 | " | 5.14 | 10.1 | 20 | |
| Silver | 0.0257 | 0.0200 | " | 0.0511 | 65.9 | 20 | QR-01 |
| Zinc | 18.7 | 0.400 | " | 22.6 | 18.9 | 20 | |
| Selenium | ND | 0.260 | " | 0.248 | 200 | 20 | QR-01 |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

Total Metals by EPA 6020B - Quality Control

Summit Scientific

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

Batch BHI0691 - EPA 3050B

Matrix Spike (BHI0691-MS1)

Source: 2409274-01

Prepared: 09/20/24 Analyzed: 09/23/24

| | | | | | | | | | | |
|----------|------|--------|-----------|------|--------|------|--------|--|--|-------|
| Arsenic | 44.6 | 0.200 | mg/kg dry | 41.6 | 3.74 | 98.3 | 75-125 | | | |
| Barium | 79.7 | 0.400 | " | 41.6 | 122 | NR | 75-125 | | | QM-05 |
| Cadmium | 2.21 | 0.200 | " | 2.08 | 0.393 | 87.4 | 75-125 | | | |
| Copper | 35.7 | 0.400 | " | 41.6 | 6.20 | 71.0 | 75-125 | | | QM-05 |
| Lead | 24.1 | 0.200 | " | 20.8 | 11.3 | 61.5 | 75-125 | | | QM-05 |
| Nickel | 32.9 | 0.400 | " | 41.6 | 5.14 | 66.7 | 75-125 | | | QM-05 |
| Silver | 2.04 | 0.0200 | " | 2.08 | 0.0511 | 95.8 | 75-125 | | | |
| Zinc | 42.5 | 0.400 | " | 41.6 | 22.6 | 47.9 | 75-125 | | | QM-05 |
| Selenium | 3.39 | 0.260 | " | 4.16 | 0.248 | 75.7 | 75-125 | | | |

Matrix Spike Dup (BHI0691-MSD1)

Source: 2409274-01

Prepared: 09/20/24 Analyzed: 09/23/24

| | | | | | | | | | | |
|----------|------|--------|-----------|------|--------|------|--------|-------|----|-------|
| Arsenic | 46.2 | 0.200 | mg/kg dry | 42.5 | 3.74 | 99.9 | 75-125 | 3.60 | 25 | |
| Barium | 151 | 0.400 | " | 42.5 | 122 | 67.5 | 75-125 | 61.9 | 25 | QM-05 |
| Cadmium | 2.47 | 0.200 | " | 2.13 | 0.393 | 97.5 | 75-125 | 10.9 | 25 | |
| Copper | 28.3 | 0.400 | " | 42.5 | 6.20 | 52.0 | 75-125 | 23.2 | 25 | QM-05 |
| Lead | 29.3 | 0.200 | " | 21.3 | 11.3 | 84.3 | 75-125 | 19.3 | 25 | |
| Nickel | 27.2 | 0.400 | " | 42.5 | 5.14 | 51.8 | 75-125 | 19.0 | 25 | QM-05 |
| Silver | 2.16 | 0.0200 | " | 2.13 | 0.0511 | 99.4 | 75-125 | 5.80 | 25 | |
| Zinc | 42.8 | 0.400 | " | 42.5 | 22.6 | 47.4 | 75-125 | 0.521 | 25 | QM-05 |
| Selenium | 3.40 | 0.260 | " | 4.25 | 0.248 | 74.2 | 75-125 | 0.248 | 25 | QM-05 |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch BHI0645 - 3060A Mod

Blank (BHI0645-BLK1)

Prepared & Analyzed: 09/19/24

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BHI0645-BS1)

Prepared & Analyzed: 09/19/24

Chromium, Hexavalent 26.0 0.30 mg/kg wet 25.0 104 80-120

Duplicate (BHI0645-DUP1)

Source: 2409254-01

Prepared & Analyzed: 09/19/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BHI0645-MS1)

Source: 2409254-01

Prepared & Analyzed: 09/19/24

Chromium, Hexavalent 31.8 0.30 mg/kg dry 29.2 ND 109 75-125

Matrix Spike Dup (BHI0645-MSD1)

Source: 2409254-01

Prepared & Analyzed: 09/19/24

Chromium, Hexavalent 32.6 0.30 mg/kg dry 29.2 ND 112 75-125 2.17 20

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

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

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

Batch BHI0713 - General Preparation

Blank (BHI0713-BLK1)

Prepared: 09/20/24 Analyzed: 09/24/24

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

LCS (BHI0713-BS1)

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | | | | |
|-----------|------|--------|----------|------|-----|--------|
| Calcium | 5.18 | 0.0500 | mg/L wet | 5.00 | 104 | 70-130 |
| Magnesium | 5.50 | 0.0500 | " | 5.00 | 110 | 70-130 |
| Sodium | 5.48 | 0.0500 | " | 5.00 | 110 | 70-130 |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

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

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

Batch BHI0732 - General Preparation

| Duplicate (BHI0732-DUP1) | | Source: 2409286-01 | | | Prepared & Analyzed: 09/23/24 | | | | | | |
|--------------------------|------|--------------------|---|--|-------------------------------|--|--|-------|--|----|--|
| % Solids | 81.7 | | % | | 81.3 | | | 0.525 | | 20 | |

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

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

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

Batch BHI0715 - General Preparation

Blank (BHI0715-BLK1)

Prepared: 09/20/24 Analyzed: 09/24/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BHI0715-BS1)

Prepared: 09/20/24 Analyzed: 09/24/24

Specific Conductance (EC) 0.154 0.0100 mmhos/cm 0.150 103 95-105

Duplicate (BHI0715-DUP1)

Source: 2409280-01

Prepared: 09/20/24 Analyzed: 09/24/24

Specific Conductance (EC) 0.555 0.0100 mmhos/cm 0.560 0.861 20

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

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

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

Batch BHI0714 - General Preparation

LCS (BHI0714-BS1)

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | | | |
|----|------|----------|------|------|--------|
| pH | 9.09 | pH Units | 9.18 | 99.0 | 95-105 |
|----|------|----------|------|------|--------|

Duplicate (BHI0714-DUP1)

Source: 2409280-01

Prepared: 09/20/24 Analyzed: 09/24/24

| | | | | | |
|----|------|----------|------|-------|----|
| pH | 8.60 | pH Units | 8.67 | 0.811 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: PDC - Land 31-13,17,19,24,36D Flowline

Project Number: 33835
Project Manager: Karen Olson

Reported:
09/25/24 08:37

Notes and Definitions

| | |
|-------|---|
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 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. |
| 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 |