

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 24, 2021

Jeremy Pike  
Entrada Consulting Group  
240 Mesa Avenue  
Grand Junction., CO 81501

RE: Dawson 1

Work Order #2111193

Enclosed are the results of analyses for samples received by Summit Scientific on 11/10/21 08:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Muri Premer". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Muri Premer For Paul Shrewsbury  
President



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

Project: Dawson 1  
Project Number: 021-186  
Project Manager: Jeremy Pike

**Reported:**  
11/24/21 16:56

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| SS1-1     | 2111193-01    | Soil   | 11/09/21 13:25 | 11/10/21 08:15 |
| SS2-1     | 2111193-02    | Soil   | 11/09/21 13:39 | 11/10/21 08:15 |
| SS3-1     | 2111193-03    | Soil   | 11/09/21 13:40 | 11/10/21 08:15 |
| SS4-1     | 2111193-04    | Soil   | 11/09/21 13:45 | 11/10/21 08:15 |
| BG1-1     | 2111193-05    | Soil   | 11/09/21 13:35 | 11/10/21 08:15 |

Summit Scientific

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# Summit Scientific

2111193

S<sub>2</sub>

4653 Table Mountain Drive ♦ Golden, Colorado 80403  
303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 1

Client: Entrada Consulting Group

Project Manager: Jeremy Pike

Address:

E-Mail: [jpike@entradainc.com](mailto:jpike@entradainc.com)

City/State/Zip:

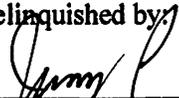
Phone: 435-630-4748

Project Name: Dawson 1

Sampler Name: Jeremy Pike

Project Number: 021-186

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative |      |      |       | Matrix |      |                |       | Analysis Requested |    |     |       | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|----|-----|-------|----------------------|
|    |                    |              |              |                 | HCl          | HNO3 | None | Other | Water  | Soil | Air-Canister # | Other | EC                 | pH | SAR | boron |                      |
| 1  | SS1-1              | 11/9/21      | 1325         | 1               |              |      | X    |       |        | X    |                |       |                    |    |     |       |                      |
| 2  | SS2-1              | ↓            | 1339         | ↓               |              |      |      |       |        |      |                |       |                    |    |     |       |                      |
| 3  | SS3-1              | ↓            | 1340         | ↓               |              |      |      |       |        |      |                |       |                    |    |     |       |                      |
| 4  | SS4-1              | ↓            | 1343         | ↓               |              |      |      |       |        |      |                |       |                    |    |     |       |                      |
| 5  | B61-1              | ↓            | 1335         | ↓               |              |      |      |       |        |      |                |       |                    |    |     |       | Hold                 |
| 6  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |    |     |       |                      |
| 7  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |    |     |       |                      |
| 8  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |    |     |       |                      |
| 9  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |    |     |       |                      |
| 10 |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |    |     |       |                      |

|   |                         |  |                         |   |               |
|---|-------------------------|--|-------------------------|---|---------------|
| Relinquished by:  | Date/Time: 11/9/21 0815 | Received by:   | Date/Time:              | <b>Turn Around Time (Check)</b><br>Same Day ___ 72 hours ___ 24<br>hours ___ Standard <input checked="" type="checkbox"/> 48<br>hours ___<br><b>Sample Integrity:</b><br>Temperature Upon Receipt: 14.5<br>Samples Intact: <input checked="" type="checkbox"/> Yes No | <b>Notes:</b> |
| Relinquished by:  | Date/Time:              | Received by:   | Date/Time:              |   |               |
| Relinquished by:  | Date/Time:              | Received by:  | Date/Time: 11-10-21 815 |   |               |

S<sub>2</sub>

2111193

Sample Receipt Checklist

S2 Work Order# \_\_\_\_\_

Client: Entrada Client Project ID: Dawson I

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

Matrix (check all that apply):  Air  Soil/Solid  Water  Other: \_\_\_\_\_  
(Describe)

Temp (°C) 14.5

Thermometer ID: G86A9201901378

|  | Yes                                 | No                       | N/A                                 | Comments (if any) |
|--|-------------------------------------|--------------------------|-------------------------------------|-------------------|
| If samples require cooling, was the temperature at 4°C +/- 2°C <sup>(1)</sup> ?<br>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"/>            | <i>in ice</i>     |
| Were all samples received intact <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |                   |
| Was adequate sample volume provided <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |                   |
| If custody seals are present, are they intact <sup>(1)</sup> ?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |                   |
| Are samples with holding times due within 48 hours sample due within 48 hours present?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |                   |
| Is a chain-of-custody (COC) form present and filled out completely <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |                   |
| Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |                   |
| Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |                   |
| Is the COC properly relinquished by the client w/ date and time recorded <sup>(1)</sup> ?  | <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) <sup>(1)</sup> ?<br>Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, etc.                                      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |                   |
| If samples are acid preserved for metals, is the pH ≤ 2 <sup>(1)</sup> ?<br>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):  |                                     |                          |                                     |                   |
| <br><br>   |                                     |                          |                                     |                   |
| <sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.  |                                     |                          |                                     |                   |

AT  
Custodian Printed Name or Initials

11.10.21  
Date/Time



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

Project: Dawson 1  
Project Number: 021-186  
Project Manager: Jeremy Pike

**Reported:**  
11/24/21 16:56

**SS1-1**  
**2111193-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **11/09/21 13:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 0.0100          | mg/L  | 1        | BEK0355 | 11/16/21 | 11/23/21 | EPA 6020B |       |

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

Date Sampled: **11/09/21 13:25**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 149    | 0.0550          | mg/L dry | 1        | BEK0394 | 11/17/21 | 11/24/21 | EPA 6020B |       |
| Magnesium | 17.4   | 0.0550          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 37.4   | 0.0550          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **11/09/21 13:25**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.773  | 0.00100         | units | 1        | BEK0529 | 11/24/21 | 11/24/21 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **11/09/21 13:25**

| Analyte  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 90.9   |                 | %     | 1        | BEK0375 | 11/17/21 | 11/17/21 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **11/09/21 13:25**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.40   | 0.0100          | mmhos/cm | 1        | BEK0418 | 11/18/21 | 11/18/21 | EPA 120.1 |       |

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

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

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**SS1-1**  
**2111193-01 (Soil)**

**Summit Scientific**

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

Date Sampled: **11/09/21 13:25**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>7.82</b> |           | pH Units | 1        | BEK0419 | 11/18/21 | 11/18/21 | EPA 9045D |       |

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Grand Junction, CO, 81501

Project: Dawson 1  
Project Number: 021-186  
Project Manager: Jeremy Pike

**Reported:**  
11/24/21 16:56

**SS2-1**  
**2111193-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **11/09/21 13:39**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 0.0100          | mg/L  | 1        | BEK0355 | 11/16/21 | 11/23/21 | EPA 6020B |       |

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

Date Sampled: **11/09/21 13:39**

| Analyte   | Result      | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | <b>441</b>  | 0.0529          | mg/L dry | 1        | BEK0394 | 11/17/21 | 11/24/21 | EPA 6020B |       |
| Magnesium | <b>82.3</b> | 0.0529          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | <b>381</b>  | 0.0529          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **11/09/21 13:39**

| Analyte                 | Result      | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | <b>4.37</b> | 0.00100         | units | 1        | BEK0529 | 11/24/21 | 11/24/21 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **11/09/21 13:39**

| Analyte  | Result      | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | <b>94.5</b> |                 | %     | 1        | BEK0375 | 11/17/21 | 11/17/21 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **11/09/21 13:39**

| Analyte                   | Result      | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | <b>5.52</b> | 0.0100          | mmhos/cm | 1        | BEK0418 | 11/18/21 | 11/18/21 | EPA 120.1 |       |

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

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 240 Mesa Avenue  
 Grand Junction, CO, 81501

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**SS2-1**  
**2111193-02 (Soil)**

**Summit Scientific**

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

Date Sampled: **11/09/21 13:39**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>7.91</b> |           | pH Units | 1        | BEK0419 | 11/18/21 | 11/18/21 | EPA 9045D |       |

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Dawson 1  
Project Number: 021-186  
Project Manager: Jeremy Pike

**Reported:**  
11/24/21 16:56

**SS3-1**  
**2111193-03 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **11/09/21 13:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 0.0100          | mg/L  | 1        | BEK0355 | 11/16/21 | 11/23/21 | EPA 6020B |       |

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

Date Sampled: **11/09/21 13:40**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 212    | 0.0512          | mg/L dry | 1        | BEK0394 | 11/17/21 | 11/24/21 | EPA 6020B |       |
| Magnesium | 16.3   | 0.0512          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 36.2   | 0.0512          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **11/09/21 13:40**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.645  | 0.00100         | units | 1        | BEK0529 | 11/24/21 | 11/24/21 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **11/09/21 13:40**

| Analyte  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 97.7   |                 | %     | 1        | BEK0375 | 11/17/21 | 11/17/21 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **11/09/21 13:40**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.64   | 0.0100          | mmhos/cm | 1        | BEK0418 | 11/18/21 | 11/18/21 | EPA 120.1 |       |

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

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 240 Mesa Avenue  
 Grand Junction, CO, 81501

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**SS3-1**  
**2111193-03 (Soil)**

**Summit Scientific**

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

Date Sampled: **11/09/21 13:40**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>7.80</b> |           | pH Units | 1        | BEK0419 | 11/18/21 | 11/18/21 | EPA 9045D |       |

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Project: Dawson 1  
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Project Manager: Jeremy Pike

**Reported:**  
11/24/21 16:56

**SS4-1**  
**2111193-04 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **11/09/21 13:45**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 0.0100          | mg/L  | 1        | BEK0355 | 11/16/21 | 11/23/21 | EPA 6020B |       |

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

Date Sampled: **11/09/21 13:45**

| Analyte   | Result      | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | <b>47.1</b> | 0.0516          | mg/L dry | 1        | BEK0394 | 11/17/21 | 11/24/21 | EPA 6020B |       |
| Magnesium | <b>5.56</b> | 0.0516          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | <b>2.12</b> | 0.0516          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **11/09/21 13:45**

| Analyte                 | Result        | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|---------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | <b>0.0778</b> | 0.00100         | units | 1        | BEK0529 | 11/24/21 | 11/24/21 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **11/09/21 13:45**

| Analyte  | Result      | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | <b>96.9</b> |                 | %     | 1        | BEK0375 | 11/17/21 | 11/17/21 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **11/09/21 13:45**

| Analyte                   | Result       | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | <b>0.475</b> | 0.0100          | mmhos/cm | 1        | BEK0418 | 11/18/21 | 11/18/21 | EPA 120.1 |       |

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

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 240 Mesa Avenue  
 Grand Junction, CO, 81501

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**SS4-1**  
**2111193-04 (Soil)**

**Summit Scientific**

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

Date Sampled: **11/09/21 13:45**

| Analyte   | Result      | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|           |             | Limit     | Units    |          |         |          |          |           |       |
| <b>pH</b> | <b>8.05</b> |           | pH Units | 1        | BEK0419 | 11/18/21 | 11/18/21 | EPA 9045D |       |

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**Reported:**  
 11/24/21 16:56

**BG1-1**  
**2111193-05 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **11/09/21 13:35**

| Analyte                   | Result       | Reporting |          | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
|                           |              | Limit     | Units    |          |         |          |          |           |       |
| Specific Conductance (EC) | <b>0.218</b> | 0.0100    | mmhos/cm | 1        | BEK0418 | 11/18/21 | 11/18/21 | EPA 120.1 |       |

Summit Scientific



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 240 Mesa Avenue  
 Grand Junction, CO, 81501

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

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

**Summit Scientific**

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

**Batch BEK0355 - EPA 3050B**

**Blank (BEK0355-BLK1)**

Prepared: 11/16/21 Analyzed: 11/23/21

Boron ND 0.0100 mg/L

**LCS (BEK0355-BS1)**

Prepared: 11/16/21 Analyzed: 11/23/21

Boron 5.26 0.0100 mg/L 5.00 105 80-120

**Duplicate (BEK0355-DUP1)**

Source: 2111192-01

Prepared: 11/16/21 Analyzed: 11/23/21

Boron ND 0.0100 mg/L ND 20

**Matrix Spike (BEK0355-MS1)**

Source: 2111192-01

Prepared: 11/16/21 Analyzed: 11/23/21

Boron 5.25 0.0100 mg/L 5.00 ND 105 75-125

**Matrix Spike Dup (BEK0355-MSD1)**

Source: 2111192-01

Prepared: 11/16/21 Analyzed: 11/23/21

Boron 5.58 0.0100 mg/L 5.00 ND 112 75-125 6.00 25

Summit Scientific

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

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**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 BEK0394 - General Preparation**

**Blank (BEK0394-BLK1)**

Prepared: 11/17/21 Analyzed: 11/24/21

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

**LCS (BEK0394-BS1)**

Prepared: 11/17/21 Analyzed: 11/24/21

|           |      |        |          |      |  |     |        |  |  |  |
|-----------|------|--------|----------|------|--|-----|--------|--|--|--|
| Calcium   | 5.65 | 0.0500 | mg/L wet | 5.00 |  | 113 | 70-130 |  |  |  |
| Magnesium | 5.37 | 0.0500 | "        | 5.00 |  | 107 | 70-130 |  |  |  |
| Sodium    | 5.11 | 0.0500 | "        | 5.00 |  | 102 | 70-130 |  |  |  |

Summit Scientific

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

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**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 BEK0375 - General Preparation**

| <b>Duplicate (BEK0375-DUP1)</b> |      | <b>Source: 2110433-01</b> |  | <b>Prepared &amp; Analyzed: 11/17/21</b> |          |
|---------------------------------|------|---------------------------|--|--|----------|
| % Solids                        | 86.4 | %                         |  | 86.3                                     | 0.161 20 |

Summit Scientific



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

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**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 BEK0418 - General Preparation**

**Blank (BEK0418-BLK1)**

Prepared & Analyzed: 11/18/21

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BEK0418-BS1)**

Prepared & Analyzed: 11/18/21

Specific Conductance (EC) 0.151 0.0100 mmhos/cm 0.150 100 95-105

**Duplicate (BEK0418-DUP1)**

Source: 2111192-01

Prepared & Analyzed: 11/18/21

Specific Conductance (EC) 0.263 0.0100 mmhos/cm 0.264 0.531 20

Summit Scientific

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

Project: Dawson 1  
 Project Number: 021-186  
 Project Manager: Jeremy Pike

**Reported:**  
 11/24/21 16:56

**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 BEK0419 - General Preparation**

**LCS (BEK0419-BS1)**

Prepared & Analyzed: 11/18/21

|    |      |          |      |      |        |
|----|------|----------|------|------|--------|
| pH | 9.05 | pH Units | 9.18 | 98.6 | 95-105 |
|----|------|----------|------|------|--------|

**Duplicate (BEK0419-DUP1)**

Source: 2111192-01

Prepared & Analyzed: 11/18/21

|    |      |          |      |       |    |
|----|------|----------|------|-------|----|
| pH | 7.93 | pH Units | 7.88 | 0.633 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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

Project: Dawson 1  
Project Number: 021-186  
Project Manager: Jeremy Pike

**Reported:**  
11/24/21 16:56

### Notes and Definitions

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