

# Flowline Closure Checklist

## COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form


|   |                |                      |  |                  |  |             |  |                                |
|---|----------------|----------------------|--|------------------|--|-------------|--|--------------------------------|
| Additional Attachments:   |                | Tank Battery Closure |  | Wellhead Closure |  | Pit Closure |  | Partially Buried Vault Closure |
| Site Name & COGCC Facility Number: Prospect CO 26-1114  |                | Date: 05/02/2023     |  |                  |  |             |  | Remediation Project #: 26859   |
| Associated Wells:   |                | Age of Site:         |  |                  |  |             |  | Number of Photos Attached: 2   |
| Starting point: (GPS coordinates and descriptions)<br>40.282143 , -104.520399   |                |                      |  |                  |  |             |  |                                |
| End point: (GPS coordinates and descriptions)<br>40.279554 , -104.519043  |                |                      |  |                  |  |             |  |                                |
| USCS Soil Type: Well Graded Sand - SW   |                |                      |  |                  | Estimated Depth to Groundwater: >5'                      |             |  |                                |
| Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)<br>None observed                                  |                |                      |  |                  |  |             |  |                                |
| Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)<br>None observed                            |                |                      |  |                  |  |             |  |                                |
| <b>Flowlines</b>  |                |                      |  |                  |  |             |  |                                |
| Flowline type   | Oil/Water/Gas  |                      |  |                  |  |             |  |                                |
| Depth   | 5'             |                      |  |                  |  |             |  |                                |
| Age   |                |                      |  |                  |  |             |  |                                |
| Length  | 2018           |                      |  |                  |  |             |  |                                |
| Construction Material   | Steel          |                      |  |                  |  |             |  |                                |
| Were flowlines pulled?  | No             |                      |  |                  |  |             |  |                                |
| Visual Integrity of lines   | NA             |                      |  |                  |  |             |  |                                |
| Visual impacts if trenched  | NA             |                      |  |                  |  |             |  |                                |
| PID Readings if trenched  | 0.1-1.2        |                      |  |                  |  |             |  |                                |
| Sample taken? Location/Sample ID#   | Yes, see below |                      |  |                  |  |             |  |                                |
| Photo Number(s)   | 1-2            |                      |  |                  |  |             |  |                                |
| Other observations regarding on location flowlines:<br>Samples taken at the wellhead and the separator (FL01-A@4' and FL01-B@3.5')  |                |                      |  |                  |  |             |  |                                |
| <b>Summary</b>  |                |                      |  |                  |  |             |  |                                |
| Was impacted soil identified?<br>No Yes - less than 10 cubic yards Yes - more than 10 cubic yards   |                |                      |  |                  |  |             |  |                                |
| Total number of samples field screened: 2   |                |                      |  |                  | Total number of samples collected: 2                     |             |  |                                |
| Highest PID Reading: 1.2  |                |                      |  |                  | Total number of samples submitted to lab for analysis: 2 |             |  |                                |
| If more than 10 cubic yards of impacted soil were observed:   |                |                      |  |                  |  |             |  |                                |
| Vertical extent:  |                |                      |  |                  | Estimated spill volume:                                  |             |  |                                |
| Lateral extent:   |                |                      |  |                  | Volume of soil removed:                                  |             |  |                                |
| Is additional investigation required?   |                |                      |  |                  |  |             |  |                                |
| Was groundwater encountered during the investigation?<br>No Yes - not impacted or in contact with impacted soils Yes - groundwater impacted and/or in contact with impacted soils |                |                      |  |                  |  |             |  |                                |
| Measured depth to groundwater:  |                |                      |  |                  | Was remedial groundwater removal conducted? Yes No       |             |  |                                |
| Date Groundwater was encountered:   |                |                      |  |                  | Commencement date of removal:                            |             |  |                                |
| Sheen on groundwater? Yes No  |                |                      |  |                  | Volume of groundwater removed prior to sampling:         |             |  |                                |
| Free product observed? Yes No   |                |                      |  |                  | Volume of groundwater removed post sampling:             |             |  |                                |
| Total number of samples collected:  |                |                      |  |                  | Total Volume of groundwater removed:                     |             |  |                                |
| Total number of samples submitted to lab for analysis:  |                |                      |  |                  |  |             |  |                                |

## Photographic Log



|                        |         |                         |  |                          |         |                         |  |
|------------------------|---------|-------------------------|--|--------------------------|---------|-------------------------|--|
| Equipment ID:FL01-A@4' |         | Equipment Type:Flowline |  | Equipment ID:FL01-B@3.5' |         | Equipment Type:Flowline |  |
| Material:Steel         | Volume: | Contents:Oil/Gas/Water  |  | Material:Steel           | Volume: | Contents:Oil/Gas/Water  |  |
| Notes/Conditions:      |         |                         |  | Notes/Conditions:        |         |                         |  |

## Photographic Log

|   |  |                                 |  |                      |  |                          |  |                |  |                  |  |
|---|--|---------------------------------|--|----------------------|--|--------------------------|--|----------------|--|------------------|--|
|  |  |                                 |  |                      |  |                          |  |                |  |                  |  |
|   |  |                                 |  |                      |  |                          |  |                |  |                  |  |
| <b>Equipment ID:</b> FL01-A@4'  |  | <b>Equipment Type:</b> Wellhead |  | <b>Equipment ID:</b> |  | <b>Equipment Type:</b>   |  |                |  |                  |  |
| <b>Material:</b> Steel  |  | <b>Volume:</b>                  |  | <b>Contents:</b>     |  | <b>Material:</b>         |  | <b>Volume:</b> |  | <b>Contents:</b> |  |
| <b>Notes/Conditions:</b>  |  |                                 |  |                      |  | <b>Notes/Conditions:</b> |  |                |  |                  |  |

**TABLE 1**  
**SOIL SAMPLE LOCATIONS**  
**NOBLE ENERGY, INC. - PROSPECT CO 26-1114**

| Soil Sample ID | Date     | PID (ppm) | Visual      | Olfactory | Sample Type (Grab/Lab) | Latitude <sup>1</sup> | Longitude    | PDOP |
|----------------|----------|-----------|-------------|-----------|------------------------|-----------------------|--------------|------|
| FL01-A@4'      | 05/02/23 | 0.1       | No Staining | No Odor   | Lab                    | 40.2821363            | -104.5204054 | 0.9  |
| FL01-B@3.5'    | 05/02/23 | 1.2       | No Staining | No Odor   | Lab                    | 40.2795506            | -104.5190570 | 1.0  |

Notes:

PID = Photoionization detector

ppm = parts per million

PDOP = Position dilution of precision

HC = Hydrocarbon

1.) Latitude and longitude coordinates will be provided in decimal degrees with an accuracy and precision of 5 decimals of a degree using the North American Datum ("NAD") of 1983



TABLE 2  
SOIL ANALYTICAL DATA  
NOBLE ENERGY, INC. PROSPECT CO 26-1114

| Soil Sample ID                               | Date     | <sup>1</sup> Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | 1,2,4 - TMB (mg/kg) | 1,3,5 - TMB (mg/kg) | Naphthalene (mg/kg) | TPH-GRO (mg/kg) | TPH-DRO (mg/kg) | TPH-ORO (mg/kg) | Acenaphthene (mg/kg) | Anthracene (mg/kg) | Benz(a) (mg/kg) | Benzo(a) (mg/kg) | Benzo(b) (mg/kg) | Benzo(k) (mg/kg) | Chrysene (mg/kg) | A,H (mg/kg) | Fluoranthene (mg/kg) | Fluorene (mg/kg) | 1,2,3-CD (mg/kg) | Pyrene (mg/kg) | 1-M (mg/kg) | 2-M (mg/kg) |
|--|----------|------------------------------|-----------------|----------------------|-----------------------|---------------------|---------------------|---------------------|-----------------|-----------------|-----------------|----------------------|--------------------|-----------------|------------------|------------------|------------------|------------------|-------------|----------------------|------------------|------------------|----------------|-------------|-------------|
| Residential SSL <sup>2</sup>                 |          | 1.2                          | 490             | 5.8                  | 58                    | 30                  | 27                  | 2                   | 500             |                 |                 | 360                  | 1,800              | 1.1             | 0.11             | 1.1              | 11               | 110              | 0.11        | 240                  | 240              | 1.1              | 180            | 18          | 24          |
| Protection of Groundwater SSL <sup>2,3</sup> |          | 0.0026                       | 0.69            | 0.78                 | 9.9                   | 0.0081              | 0.0087              | 0.0038              | 500             |                 |                 | 0.55                 | 6                  | 0.011           | 0.24             | 0.3              | 2.9              | 9                | 0.096       | 8.9                  | 0.54             | 0.98             | 1.3            | 0.006       | 0.019       |
| FL01-A@4'                                    | 05/02/23 | <0.0020                      | <0.0050         | <0.0050              | <0.010                | <0.0050             | <0.0050             | <0.0038             | <0.50           | <50             | <50             | <0.00500             | <0.00500           | <0.00500        | <0.00500         | <0.00500         | <0.00500         | <0.00500         | <0.00500    | <0.00500             | <0.00500         | <0.00500         | <0.00500       | <0.00500    |             |
| FL01-B@3.5'                                  | 05/02/23 | <0.0020                      | <0.0050         | <0.0050              | <0.010                | <0.0050             | <0.0050             | <0.0038             | <0.50           | <50             | <50             | <0.00500             | <0.00500           | <0.00500        | <0.00500         | <0.00500         | <0.00500         | <0.00500         | <0.00500    | <0.00500             | <0.00500         | <0.00500         | <0.00500       | <0.00500    |             |

| Soil Sample ID               | Date     | pH      | SAR    | EC (mmhos/cm) | Boron (mg/L) |
|------------------------------|----------|---------|--------|---------------|--------------|
| Residential SSL <sup>2</sup> |          | 6 - 8.3 | <6     | <4mmhos/cm    | 2            |
| FL01-A@4'                    | 05/02/23 | 7.88    | 2.48   | 0.755         | 0.316        |
| FL01-B@3.5'                  | 05/02/23 | 6.60    | 0.0948 | 0.182         | 0.253        |

Notes:

1. Compounds referenced from 2 CCR 404-1, Table 915-1, effective January 15, 2021.

2. Soil Screening Levels (SSL) referenced from EPA Regional Screening Levels (EPA RSLs) for Chemical Contaminants at Superfund Sites, effective November 2020.

3. SSLs are applicable if a pathway for communication with groundwater is present.

Definitions:

COGCC = Colorado Oil and Gas Conservation Commission

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

mg/kg = Milligrams per kilogram

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

mmhos/cm = Millmhos per centimeter

mg/L = Milligrams per liter

< = Analytical result is less than the indicated laboratory reporting limit

1,2,4 - TMB = 1,2,4 Trimethylbenzene

1,3,5 - TMB = 1,3,5 Trimethylbenzene

Benz(a) = Benzanthracene

Benzo(b) = Benzoofluoranthene

Benzo(k) = Benzoofluoranthene

Benzo(a) = Benzopyrene

A,H = Dibenzoanthracene


1,2,3-CD = Indenopyrene

1-M = 1-methylnaphthalene

2-M = 2-methylnaphthalene

Highlighted results are equal to or exceed the COGCC Table 915-1 standard



|              |            |   |  |   |             |
|--------------|------------|---|--|---|-------------|
| DATE:        | 08/25/2023 |  <div>Tasman Geosciences, Inc.<br/>6855 W 119<sup>th</sup> Avenue<br/>Broomfield, CO 80020</div> | Noble Energy, Inc. – DJ Basin<br>Prospect CO 26-1114<br>NESW, Section 26, Township 4 North, Range 64 West<br>Weld County, Colorado | Flowline Closure & Soil<br>Analytical Results Map<br>(05/02/2023) | FIGURE<br>1 |
| DESIGNED BY: | JW         |   |  |   |             |
| DRAWN BY:    | AE         |   |  |   |             |

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 15, 2023

Jacob Whritenour

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: Noble - Prospect CO 26-11I4

Work Order #2305044

Enclosed are the results of analyses for samples received by Summit Scientific on 05/02/23 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 "Scott Sheely". The signature is fluid and cursive, with the first name "Scott" and last name "Sheely" clearly distinguishable.

Scott Sheely For Paul Shrewsbury  
President



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID   | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-------------|---------------|--------|----------------|----------------|
| FL01-A@4'   | 2305044-01    | Soil   | 05/02/23 11:45 | 05/02/23 16:30 |
| FL01-B@3.5' | 2305044-02    | Soil   | 05/02/23 11:20 | 05/02/23 16:30 |

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.*



# SUMMIT SCIENTIFIC

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

|         |             |
|---------|-------------|
| Lab ID  | Page 1 of 1 |
| 2305084 |             |

|                                  |                    |              |              | <b>Send Data To:</b>              |     |              |      | <b>Send Invoice To:</b>             |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------|--------------------|--------------|--------------|-----------------------------------|-----|--------------|------|-------------------------------------|-------|---------------|----------------|--------------------|---------|---------|---------|----------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Client: Noble / Tasman           |                    |              |              | Project Manager: Jake Whitenour   |     |              |      | Company: Chevron                    |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| Address: 6855 W 119th Ave        |                    |              |              | E-Mail: jwhitenour@tasman-geo.com |     |              |      | Project Name/Location:              |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| City/State/Zip: Broomfield 80020 |                    |              |              |                                   |     |              |      | AFE#:                               |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| Phone: 303-292-2576              |                    |              |              | Project Name: Prospect CO 26-1114 |     |              |      | PO/Billing Codes: UWRWE - A2474-ABN |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| Sampler Name: Elyse Hassink      |                    |              |              | Project Number:                   |     |              |      | Contact: Jeff White                 |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
|                                  |                    |              |              | Preservative                      |     |              |      | Matrix                              |       |               |                | Analysis Requested |         |         |         | Special Instructions |             |  |  |  |  |  |  |  |  |  |  |  |  |
| ID                               | Sample Description | Date Sampled | Time Sampled | # of containers                   | HCl | HNO3         | None | Other                               | Water | Soil          | Air-Canister # | Other              | q15-VOC | q15-PAH | q15-TPH | pH, EC, SAR          | Boron - HWS |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                | FLØ1 - A@4'        | 5/2/23       | 1145         | 2                                 |     |              | X    |                                     |       | X             |                |                    | X       | X       | X       | X                    | X           |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                | FLØ1 - B@3.5'      | 5/2/23       | 1120         | 1                                 |     |              | X    |                                     |       | X             |                |                    | X       | X       | X       | X                    | X           |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                               |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                               |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                               |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                               |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                               |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                               |                    |              |              |                                   |     |              |      |                                     |       |               |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished by:                 |                    | Date/Time:   |              | Received by:                      |     | Date/Time:   |      | TAT Business Days                   |       | Field DO      |                | Notes:             |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| <i>Elyse Hassink</i>             |                    | 5/2/23 1523  |              |                                   |     |              |      | Same Day                            |       | Field EC      |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished by:                 |                    | Date/Time:   |              | Received by:                      |     | Date/Time:   |      | 1 Day                               |       | Field ORP     |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| S2                               |                    | 5223<br>1630 |              | <i>Jeff</i>                       |     | 5223<br>1630 |      | 2 Days                              |       | Field pH      |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished by:                 |                    | Date/Time:   |              | Received by:                      |     | Date/Time:   |      | 3 Days                              |       | Field Temp.   |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| %                                |                    |              |              |                                   |     |              |      | Standard                            |       | X Field Turb. |                |                    |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |
| Temperature Upon Receipt: 84     |                    |              |              | Corrected Temperature 0           |     |              |      | IR gun #: 1                         |       |               |                | HNO3 lot #:        |         |         |         |                      |             |  |  |  |  |  |  |  |  |  |  |  |  |

S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# 2305044Client: Noble Gasman Client Project ID: Prospect CO 26-11 I4Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐

|                          |                                     |                          |                          |                          |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|

Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 8.4Thermometer # 1

|   | Yes                                 | No                                  | N/A                                 | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°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"/>            | <u>on ICE</u>     |
| If custody seals are present, are they intact? <sup>(1)</sup>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                   |
| 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?<br>Note the short hold analysis in the comments column<br>- pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , 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? <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"/>            |                   |
| 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"/>            |                   |
| 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"/>            |                   |
| 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> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , 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> 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):   |                                     |                                     |                                     |                   |
|   |                                     |                                     |                                     |                   |

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.
AS  
Custodian Printed Name

5/2/23  
Date/Time



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**FL01-A@4'**  
**2305044-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/02/23 11:45**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BGE0148 | 05/04/23 | 05/05/23 | 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: **05/02/23 11:45**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0452 | 113 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0378 | 94.6 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0396 | 99.0 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/02/23 11:45**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BGE0150 | 05/04/23 | 05/05/23 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **05/02/23 11:45**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 10.5   | 83.8 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

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.



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**FL01-A@4'**  
**2305044-01 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **05/02/23 11:45**

| Analyte                  | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
|                          |        | Limit     |       |          |         |          |          |               |       |
| Acenaphthene             | ND     | 0.00500   | mg/kg | 1        | BGE0095 | 05/03/23 | 05/05/23 | 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: **05/02/23 11:45**

| Analyte                            | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                    |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0219 | 65.8 %    | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0205 | 61.6 %    | 40-150 |          | "     | "        | "        | "      |       |

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

Date Sampled: **05/02/23 11:45**

| Analyte      | Result       | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|--------------|--------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|              |              | Limit     |       |          |         |          |          |           |       |
| <b>Boron</b> | <b>0.316</b> | 0.0100    | mg/L  | 1        | BGE0268 | 05/08/23 | 05/12/23 | EPA 6020B |       |

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

Date Sampled: **05/02/23 11:45**

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

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.





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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**FL01-A@4'**  
**2305044-01 (Soil)**

**Summit Scientific**

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

|           |      |        |          |   |         |          |          |           |
|-----------|------|--------|----------|---|---------|----------|----------|-----------|
| Calcium   | 47.3 | 0.0603 | mg/L dry | 1 | BGE0271 | 05/08/23 | 05/11/23 | EPA 6020B |
| Magnesium | 10.4 | 0.0603 | "        | " | "       | "        | "        | "         |
| Sodium    | 72.4 | 0.0603 | "        | " | "       | "        | "        | "         |

**Calculated Analysis**

Date Sampled: **05/02/23 11:45**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.48   | 0.00100         | units | 1        | BGE0367 | 05/11/23 | 05/11/23 | Calculation |       |

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

Date Sampled: **05/02/23 11:45**

| Analyte  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 82.9   |                 | %     | 1        | BGE0196 | 05/05/23 | 05/05/23 | Calculation |       |

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

Date Sampled: **05/02/23 11:45**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.755  | 0.0100          | mmhos/cm | 1        | BGE0299 | 05/09/23 | 05/09/23 | EPA 120.1 |       |

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

Date Sampled: **05/02/23 11:45**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 7.88   |                 | pH Units | 1        | BGE0298 | 05/09/23 | 05/09/23 | EPA 9045D |       |

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.*



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**FL01-B@3.5'**  
**2305044-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/02/23 11:20**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BGE0148 | 05/04/23 | 05/05/23 | 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: **05/02/23 11:20**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0480 | 120 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0392 | 97.9 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0429 | 107 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/02/23 11:20**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BGE0150 | 05/04/23 | 05/05/23 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **05/02/23 11:20**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 12.0   | 95.6 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

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.



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**FL01-B@3.5'**  
**2305044-02 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **05/02/23 11:20**

| Analyte                  | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
|                          |        | Limit     |       |          |         |          |          |               |       |
| Acenaphthene             | ND     | 0.00500   | mg/kg | 1        | BGE0095 | 05/03/23 | 05/05/23 | 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: **05/02/23 11:20**

| Analyte                            | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                    |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0318 | 95.4 %    | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0256 | 76.9 %    | 40-150 |          | "     | "        | "        | "      |       |

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

Date Sampled: **05/02/23 11:20**

| Analyte      | Result       | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|--------------|--------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|              |              | Limit     |       |          |         |          |          |           |       |
| <b>Boron</b> | <b>0.253</b> | 0.0100    | mg/L  | 1        | BGE0268 | 05/08/23 | 05/12/23 | EPA 6020B |       |

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

Date Sampled: **05/02/23 11:20**

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

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.



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**FL01-B@3.5'**  
**2305044-02 (Soil)**

**Summit Scientific**

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

|           |      |        |          |   |         |          |          |           |
|-----------|------|--------|----------|---|---------|----------|----------|-----------|
| Calcium   | 350  | 0.0581 | mg/L dry | 1 | BGE0271 | 05/08/23 | 05/11/23 | EPA 6020B |
| Magnesium | 108  | 0.0581 | "        | " | "       | "        | "        | "         |
| Sodium    | 7.91 | 0.0581 | "        | " | "       | "        | "        | "         |

**Calculated Analysis**

Date Sampled: **05/02/23 11:20**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.0948 | 0.00100         | units | 1        | BGE0367 | 05/11/23 | 05/11/23 | Calculation |       |

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

Date Sampled: **05/02/23 11:20**

| Analyte  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 86.1   |                 | %     | 1        | BGE0196 | 05/05/23 | 05/05/23 | Calculation |       |

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

Date Sampled: **05/02/23 11:20**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.182  | 0.0100          | mmhos/cm | 1        | BGE0299 | 05/09/23 | 05/09/23 | EPA 120.1 |       |

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

Date Sampled: **05/02/23 11:20**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 6.60   |                 | pH Units | 1        | BGE0298 | 05/09/23 | 05/09/23 | EPA 9045D |       |

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.*





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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BGE0148 - EPA 5030 Soil MS

##### Blank (BGE0148-BLK1)

Prepared: 05/04/23 Analyzed: 05/05/23

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| 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 | 0.0450 |        | "     | 0.0400 |  | 112  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0383 |        | "     | 0.0400 |  | 95.7 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0425 |        | "     | 0.0400 |  | 106  | 50-150 |  |  |  |

##### LCS (BGE0148-BS1)

Prepared: 05/04/23 Analyzed: 05/05/23

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | 0.0818 | 0.0020 | mg/kg | 0.100  |  | 81.8 | 70-130 |  |  |  |
| Toluene                          | 0.0777 | 0.0050 | "     | 0.100  |  | 77.7 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0720 | 0.0050 | "     | 0.100  |  | 72.0 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.144  | 0.010  | "     | 0.200  |  | 71.9 | 70-130 |  |  |  |
| o-Xylene                         | 0.0702 | 0.0050 | "     | 0.100  |  | 70.2 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0712 | 0.0050 | "     | 0.100  |  | 71.2 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0722 | 0.0050 | "     | 0.100  |  | 72.2 | 70-130 |  |  |  |
| Naphthalene                      | 0.0747 | 0.0038 | "     | 0.100  |  | 74.7 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0442 |        | "     | 0.0400 |  | 111  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0410 |        | "     | 0.0400 |  | 102  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0457 |        | "     | 0.0400 |  | 114  | 50-150 |  |  |  |

##### Matrix Spike (BGE0148-MS1)

Source: 2305044-01

Prepared: 05/04/23 Analyzed: 05/05/23

|                                  |        |        |       |        |    |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene                          | 0.0893 | 0.0020 | mg/kg | 0.100  | ND | 89.3 | 70-130 |  |  |  |
| Toluene                          | 0.0866 | 0.0050 | "     | 0.100  | ND | 86.6 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0894 | 0.0050 | "     | 0.100  | ND | 89.4 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.177  | 0.010  | "     | 0.200  | ND | 88.7 | 70-130 |  |  |  |
| o-Xylene                         | 0.0806 | 0.0050 | "     | 0.100  | ND | 80.6 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0870 | 0.0050 | "     | 0.100  | ND | 87.0 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0918 | 0.0050 | "     | 0.100  | ND | 91.8 | 70-130 |  |  |  |
| Naphthalene                      | 0.0776 | 0.0038 | "     | 0.100  | ND | 77.6 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0443 |        | "     | 0.0400 |    | 111  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0405 |        | "     | 0.0400 |    | 101  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0434 |        | "     | 0.0400 |    | 108  | 50-150 |  |  |  |

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.



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BGE0148 - EPA 5030 Soil MS**

| Matrix Spike Dup (BGE0148-MSD1)  | Source: 2305044-01 |        |       | Prepared: 05/04/23 Analyzed: 05/05/23 |    |      |        |      |    |  |
|----------------------------------|--------------------|--------|-------|---------------------------------------|----|------|--------|------|----|--|
| Benzene                          | 0.0881             | 0.0020 | mg/kg | 0.100                                 | ND | 88.1 | 70-130 | 1.29 | 30 |  |
| Toluene                          | 0.0877             | 0.0050 | "     | 0.100                                 | ND | 87.7 | 70-130 | 1.17 | 30 |  |
| Ethylbenzene                     | 0.0905             | 0.0050 | "     | 0.100                                 | ND | 90.5 | 70-130 | 1.17 | 30 |  |
| m,p-Xylene                       | 0.180              | 0.010  | "     | 0.200                                 | ND | 89.9 | 70-130 | 1.43 | 30 |  |
| o-Xylene                         | 0.0824             | 0.0050 | "     | 0.100                                 | ND | 82.4 | 70-130 | 2.10 | 30 |  |
| 1,2,4-Trimethylbenzene           | 0.0902             | 0.0050 | "     | 0.100                                 | ND | 90.2 | 70-130 | 3.59 | 30 |  |
| 1,3,5-Trimethylbenzene           | 0.0939             | 0.0050 | "     | 0.100                                 | ND | 93.9 | 70-130 | 2.20 | 30 |  |
| Naphthalene                      | 0.0750             | 0.0038 | "     | 0.100                                 | ND | 75.0 | 70-130 | 3.38 | 30 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0466             |        | "     | 0.0400                                |    | 117  | 50-150 |      |    |  |
| Surrogate: Toluene-d8            | 0.0406             |        | "     | 0.0400                                |    | 102  | 50-150 |      |    |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0425             |        | "     | 0.0400                                |    | 106  | 50-150 |      |    |  |

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.*



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BGE0150 - EPA 3550A**

**Blank (BGE0150-BLK1)**

Prepared & Analyzed: 05/04/23

|                        |      |    |       |      |  |     |        |  |  |  |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO)          | ND   | 50 | mg/kg |      |  |     |        |  |  |  |
| C28-C36 (ORO)          | ND   | 50 | "     |      |  |     |        |  |  |  |
| Surrogate: o-Terphenyl | 13.8 |    | "     | 12.5 |  | 110 | 30-150 |  |  |  |

**LCS (BGE0150-BS1)**

Prepared & Analyzed: 05/04/23

|                        |      |    |       |      |  |      |        |  |  |  |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO)          | 491  | 50 | mg/kg | 500  |  | 98.2 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 14.8 |    | "     | 12.5 |  | 118  | 30-150 |  |  |  |

**Matrix Spike (BGE0150-MS1)**

Source: 2305044-01

Prepared: 05/04/23 Analyzed: 05/05/23

|                        |      |    |       |      |    |      |        |  |  |  |
|------------------------|------|----|-------|------|----|------|--------|--|--|--|
| C10-C28 (DRO)          | 448  | 50 | mg/kg | 500  | ND | 89.6 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 8.98 |    | "     | 12.5 |    | 71.8 | 30-150 |  |  |  |

**Matrix Spike Dup (BGE0150-MSD1)**

Source: 2305044-01

Prepared: 05/04/23 Analyzed: 05/05/23

|                        |      |    |       |      |    |      |        |      |    |  |
|------------------------|------|----|-------|------|----|------|--------|------|----|--|
| C10-C28 (DRO)          | 495  | 50 | mg/kg | 500  | ND | 99.0 | 70-130 | 9.98 | 20 |  |
| Surrogate: o-Terphenyl | 10.8 |    | "     | 12.5 |    | 86.6 | 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.



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

## PAH by EPA Method 8270D SIM - Quality Control

### Summit Scientific

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

#### Batch BGE0095 - EPA 5030 Soil MS

##### Blank (BGE0095-BLK1)

Prepared: 05/03/23 Analyzed: 05/04/23

|                                    |        |         |       |        |  |      |        |  |  |  |
|------------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| 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 | 0.0159 |         | "     | 0.0333 |  | 47.7 | 40-150 |  |  |  |
| Surrogate: Fluoranthene-d10        | 0.0260 |         | "     | 0.0333 |  | 78.1 | 40-150 |  |  |  |

##### LCS (BGE0095-BS1)

Prepared: 05/03/23 Analyzed: 05/04/23

|                                    |        |         |       |        |  |      |        |  |  |  |
|------------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| Acenaphthene                       | 0.0329 | 0.00500 | mg/kg | 0.0333 |  | 98.8 | 31-137 |  |  |  |
| Anthracene                         | 0.0336 | 0.00500 | "     | 0.0333 |  | 101  | 30-120 |  |  |  |
| Benzo (a) anthracene               | 0.0369 | 0.00500 | "     | 0.0333 |  | 111  | 30-120 |  |  |  |
| Benzo (a) pyrene                   | 0.0345 | 0.00500 | "     | 0.0333 |  | 104  | 30-120 |  |  |  |
| Benzo (b) fluoranthene             | 0.0342 | 0.00500 | "     | 0.0333 |  | 102  | 30-120 |  |  |  |
| Benzo (k) fluoranthene             | 0.0337 | 0.00500 | "     | 0.0333 |  | 101  | 30-120 |  |  |  |
| Chrysene                           | 0.0368 | 0.00500 | "     | 0.0333 |  | 110  | 30-120 |  |  |  |
| Dibenz (a,h) anthracene            | 0.0329 | 0.00500 | "     | 0.0333 |  | 98.8 | 30-120 |  |  |  |
| Fluoranthene                       | 0.0329 | 0.00500 | "     | 0.0333 |  | 98.6 | 30-120 |  |  |  |
| Fluorene                           | 0.0329 | 0.00500 | "     | 0.0333 |  | 98.7 | 30-120 |  |  |  |
| Indeno (1,2,3-cd) pyrene           | 0.0342 | 0.00500 | "     | 0.0333 |  | 103  | 30-120 |  |  |  |
| Pyrene                             | 0.0371 | 0.00500 | "     | 0.0333 |  | 111  | 35-142 |  |  |  |
| 1-Methylnaphthalene                | 0.0376 | 0.00500 | "     | 0.0333 |  | 113  | 35-142 |  |  |  |
| 2-Methylnaphthalene                | 0.0334 | 0.00500 | "     | 0.0333 |  | 100  | 35-142 |  |  |  |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0398 |         | "     | 0.0333 |  | 119  | 40-150 |  |  |  |
| Surrogate: Fluoranthene-d10        | 0.0341 |         | "     | 0.0333 |  | 102  | 40-150 |  |  |  |

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.





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

Project: Noble - Prospect CO 26-11I4

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

## PAH by EPA Method 8270D SIM - Quality Control

### Summit Scientific

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

#### Batch BGE0095 - EPA 5030 Soil MS

##### Matrix Spike (BGE0095-MS1)

Source: 2305041-21

Prepared: 05/03/23 Analyzed: 05/04/23

|                                    |        |         |       |        |    |      |        |  |  |
|------------------------------------|--------|---------|-------|--------|----|------|--------|--|--|
| Acenaphthene                       | 0.0180 | 0.00500 | mg/kg | 0.0333 | ND | 53.9 | 31-137 |  |  |
| Anthracene                         | 0.0189 | 0.00500 | "     | 0.0333 | ND | 56.8 | 30-120 |  |  |
| Benzo (a) anthracene               | 0.0207 | 0.00500 | "     | 0.0333 | ND | 62.1 | 30-120 |  |  |
| Benzo (a) pyrene                   | 0.0185 | 0.00500 | "     | 0.0333 | ND | 55.4 | 30-120 |  |  |
| Benzo (b) fluoranthene             | 0.0180 | 0.00500 | "     | 0.0333 | ND | 54.0 | 30-120 |  |  |
| Benzo (k) fluoranthene             | 0.0183 | 0.00500 | "     | 0.0333 | ND | 54.9 | 30-120 |  |  |
| Chrysene                           | 0.0203 | 0.00500 | "     | 0.0333 | ND | 60.8 | 30-120 |  |  |
| Dibenz (a,h) anthracene            | 0.0166 | 0.00500 | "     | 0.0333 | ND | 49.8 | 30-120 |  |  |
| Fluoranthene                       | 0.0194 | 0.00500 | "     | 0.0333 | ND | 58.3 | 30-120 |  |  |
| Fluorene                           | 0.0182 | 0.00500 | "     | 0.0333 | ND | 54.6 | 30-120 |  |  |
| Indeno (1,2,3-cd) pyrene           | 0.0167 | 0.00500 | "     | 0.0333 | ND | 50.2 | 30-120 |  |  |
| Pyrene                             | 0.0208 | 0.00500 | "     | 0.0333 | ND | 62.3 | 35-142 |  |  |
| 1-Methylnaphthalene                | 0.0327 | 0.00500 | "     | 0.0333 | ND | 98.0 | 15-130 |  |  |
| 2-Methylnaphthalene                | 0.0185 | 0.00500 | "     | 0.0333 | ND | 55.5 | 15-130 |  |  |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0154 |         | "     | 0.0333 |    | 46.1 | 40-150 |  |  |
| Surrogate: Fluoranthene-d10        | 0.0204 |         | "     | 0.0333 |    | 61.3 | 40-150 |  |  |

##### Matrix Spike Dup (BGE0095-MSD1)

Source: 2305041-21

Prepared: 05/03/23 Analyzed: 05/04/23

|                                    |        |         |       |        |    |      |        |      |    |
|------------------------------------|--------|---------|-------|--------|----|------|--------|------|----|
| Acenaphthene                       | 0.0203 | 0.00500 | mg/kg | 0.0333 | ND | 61.0 | 31-137 | 12.3 | 30 |
| Anthracene                         | 0.0218 | 0.00500 | "     | 0.0333 | ND | 65.3 | 30-120 | 14.0 | 30 |
| Benzo (a) anthracene               | 0.0241 | 0.00500 | "     | 0.0333 | ND | 72.2 | 30-120 | 15.0 | 30 |
| Benzo (a) pyrene                   | 0.0217 | 0.00500 | "     | 0.0333 | ND | 65.0 | 30-120 | 15.9 | 30 |
| Benzo (b) fluoranthene             | 0.0211 | 0.00500 | "     | 0.0333 | ND | 63.4 | 30-120 | 16.1 | 30 |
| Benzo (k) fluoranthene             | 0.0209 | 0.00500 | "     | 0.0333 | ND | 62.7 | 30-120 | 13.4 | 30 |
| Chrysene                           | 0.0233 | 0.00500 | "     | 0.0333 | ND | 70.0 | 30-120 | 13.9 | 30 |
| Dibenz (a,h) anthracene            | 0.0193 | 0.00500 | "     | 0.0333 | ND | 57.8 | 30-120 | 14.8 | 30 |
| Fluoranthene                       | 0.0220 | 0.00500 | "     | 0.0333 | ND | 66.1 | 30-120 | 12.6 | 30 |
| Fluorene                           | 0.0203 | 0.00500 | "     | 0.0333 | ND | 61.0 | 30-120 | 11.0 | 30 |
| Indeno (1,2,3-cd) pyrene           | 0.0155 | 0.00500 | "     | 0.0333 | ND | 46.4 | 30-120 | 7.75 | 30 |
| Pyrene                             | 0.0238 | 0.00500 | "     | 0.0333 | ND | 71.4 | 35-142 | 13.6 | 30 |
| 1-Methylnaphthalene                | 0.0341 | 0.00500 | "     | 0.0333 | ND | 102  | 15-130 | 4.26 | 50 |
| 2-Methylnaphthalene                | 0.0193 | 0.00500 | "     | 0.0333 | ND | 57.9 | 15-130 | 4.30 | 50 |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0195 |         | "     | 0.0333 |    | 58.4 | 40-150 |      |    |
| Surrogate: Fluoranthene-d10        | 0.0231 |         | "     | 0.0333 |    | 69.2 | 40-150 |      |    |

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.



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

**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 BGE0268 - EPA 3050B**

**Blank (BGE0268-BLK1)**

Prepared: 05/08/23 Analyzed: 05/11/23

Boron ND 0.0100 mg/L

**LCS (BGE0268-BS1)**

Prepared: 05/08/23 Analyzed: 05/11/23

Boron 4.61 0.0100 mg/L 5.00 92.3 80-120

**Duplicate (BGE0268-DUP1)**

**Source: 2304341-01**

Prepared: 05/08/23 Analyzed: 05/12/23

Boron 0.0829 0.0100 mg/L 0.0928 11.3 20

**Matrix Spike (BGE0268-MS1)**

**Source: 2304341-01**

Prepared: 05/08/23 Analyzed: 05/12/23

Boron 5.55 0.0100 mg/L 5.00 0.0928 109 75-125

**Matrix Spike Dup (BGE0268-MSD1)**

**Source: 2304341-01**

Prepared: 05/08/23 Analyzed: 05/12/23

Boron 5.00 0.0100 mg/L 5.00 0.0928 98.1 75-125 10.4 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.*



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

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

**Summit Scientific**

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

**Batch BGE0271 - General Preparation**

**Blank (BGE0271-BLK1)**

Prepared: 05/08/23 Analyzed: 05/10/23

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

**LCS (BGE0271-BS1)**

Prepared: 05/08/23 Analyzed: 05/10/23

|           |      |        |          |      |     |        |
|-----------|------|--------|----------|------|-----|--------|
| Calcium   | 6.40 | 0.0500 | mg/L wet | 5.00 | 128 | 70-130 |
| Magnesium | 5.97 | 0.0500 | "        | 5.00 | 119 | 70-130 |
| Sodium    | 6.24 | 0.0500 | "        | 5.00 | 125 | 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.*



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

Project: Noble - Prospect CO 26-11I4

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

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

**Summit Scientific**

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

**Batch BGE0196 - General Preparation**

| Duplicate (BGE0196-DUP1) |      | Source: 2305042-01 |   |  | Prepared & Analyzed: 05/05/23 |  |  |      |    |  |
|--------------------------|------|--------------------|---|--|-------------------------------|--|--|------|----|--|
| % Solids                 | 87.2 |                    | % |  | 85.7                          |  |  | 1.74 | 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.*



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

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

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

**Batch BGE0299 - General Preparation**

**Blank (BGE0299-BLK1)**

Prepared & Analyzed: 05/09/23

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BGE0299-BS1)**

Prepared & Analyzed: 05/09/23

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

**Duplicate (BGE0299-DUP1)**

**Source: 2305017-01**

Prepared & Analyzed: 05/09/23

Specific Conductance (EC) 0.286 0.0100 mmhos/cm 0.294 2.72 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.*



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

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

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

**Batch BGE0298 - General Preparation**

**LCS (BGE0298-BS1)**

Prepared & Analyzed: 05/09/23

|    |      |          |      |      |        |
|----|------|----------|------|------|--------|
| pH | 9.02 | pH Units | 9.18 | 98.3 | 95-105 |
|----|------|----------|------|------|--------|

**Duplicate (BGE0298-DUP1)**

Source: 2305017-01

Prepared & Analyzed: 05/09/23

|    |      |          |      |      |    |
|----|------|----------|------|------|----|
| pH | 6.80 | pH Units | 6.63 | 2.53 | 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.*



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

Project: Noble - Prospect CO 26-1114

Project Number: [none]  
Project Manager: Jacob Whritenour

**Reported:**  
05/15/23 10:25

### 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                          |