

SITE ASSESSMENT REPORT
KASTNER 41-03 FLOWLINE
COGCC SPILL TRACKING # 479965
COGCC REMEDIATION # 17229

Prepared for:



2115 117th Avenue
Greeley, CO 80631

Prepared by:



6855 W. 119th Ave
Broomfield, CO 80020

TABLES

TABLE 1
SOIL ANALYTICAL DATA
NOBLE ENERGY, INC. - KASTNER 41-03 Flowline

| Soil Sample ID | Date | ¹ 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 ² | | 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 ^{2,3} | | 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-B@4' | 04/28/21 | <0.0020 | 0.0063 | 0.0085 | 0.15 | 0.013 | 0.26 | 0.0049 | 21 | 96 | <50 | <0.00500 | 0.0273 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | 0.00559 | 0.0112 | <0.00500 | 0.00506 | 0.0286 | 0.0600 |
| BH01@4' | 08/12/21 | <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 | <0.00500 |
| BH01@12' | 08/12/21 | <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 | <0.00500 |
| BH02@4' | 08/12/21 | <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 | <0.00500 |
| BH02@12' | 08/12/21 | <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 | <0.00500 |
| BH03@4' | 08/12/21 | <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 | <0.00500 |
| BH03@12' | 08/12/21 | <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 | <0.00500 |
| BH04@4' | 08/12/21 | <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 | <0.00500 |
| BH04@12' | 08/12/21 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | 0.0056 | <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 | <0.00500 |
| BH04R@4' | 12/21/21 | <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 | <0.00500 |
| BH04R@13-14 | 12/21/21 | <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 | <0.00500 |
| BH05@4' | 08/12/21 | <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 | <0.00500 |
| BH05@12' | 08/12/21 | <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 | <0.00500 |
| BH06@4' | 12/21/21 | <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 | <0.00500 |
| BH06@13-14' | 12/21/21 | <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 | <0.00500 |
| BH07@4' | 12/21/21 | <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 | <0.00500 |
| BH07@13-14' | 12/21/21 | <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 | <0.00500 |
| BH08@4' | 12/21/21 | <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 | <0.00500 |
| BH08@13-14' | 12/21/21 | <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 | <0.00500 |

| Soil Sample ID | Date | pH | SAR | EC (mmhos/cm) | Boron (mg/L) |
|------------------------------|----------|---------|-------|---------------|--------------|
| Residential SSL ² | | 6 - 8.3 | <6 | <4mmhos/cm | 2 |
| FL01-B@4' | 04/28/21 | 8.38 | 0.297 | 0.576 | 0.0683 |
| BH01@4' | 08/12/21 | 8.09 | 0.851 | 0.321 | 0.0919 |
| BH01@12' | 08/12/21 | 8.15 | 0.958 | 0.728 | 0.0429 |
| BH02@4' | 08/12/21 | 8.04 | 0.622 | 0.495 | 0.0544 |
| BH02@12' | 08/12/21 | 7.98 | 0.747 | 0.968 | 0.0819 |
| BH03@4' | 08/12/21 | 8.04 | 0.567 | 0.930 | 0.0605 |
| BH03@12' | 08/12/21 | 8.02 | 0.565 | 0.645 | 0.0452 |
| BH04@4' | 08/12/21 | 8.15 | 0.390 | 0.472 | 0.0668 |
| BH04@12' | 08/12/21 | 8.09 | 0.649 | 0.477 | 0.0881 |
| BH04R@4' | 12/21/21 | 8.79 | NA | NA | NA |
| BH04R@13-14 | 12/21/21 | 8.44 | NA | NA | NA |
| BH05@4' | 08/12/21 | 7.94 | 0.227 | 0.826 | 0.128 |
| BH05@12' | 08/12/21 | 8.31 | 0.363 | 0.342 | 0.0421 |
| BH06@4' | 12/21/21 | 7.94 | NA | NA | NA |
| BH06@13-14' | 12/21/21 | 8.48 | NA | NA | NA |
| BH07@4' | 12/21/21 | 8.51 | NA | NA | NA |
| BH07@13-14' | 12/21/21 | 8.35 | NA | NA | NA |
| BH08@4' | 12/21/21 | 8.69 | NA | NA | NA |
| BH08@13-14' | 12/21/21 | 8.57 | NA | NA | NA |
| BG01@4' | 08/12/21 | 7.50 | NA | NA | NA |
| BG02@4' | 09/13/22 | 7.76 | NA | NA | NA |
| BG02@8' | 09/13/22 | 8.08 | NA | NA | NA |
| BG03@4' | 09/13/22 | 7.77 | NA | NA | NA |
| BG03@8' | 09/13/22 | 8.06 | NA | NA | NA |
| BG04@4' | 09/13/22 | 7.83 | NA | NA | NA |
| BG04@8' | 09/13/22 | 7.94 | NA | NA | NA |
| BG05@4' | 09/13/22 | 8.14 | NA | NA | NA |
| BG05@8' | 09/13/22 | 8.11 | NA | NA | NA |
| BG06@4' | 09/13/22 | 8.17 | NA | NA | NA |
| BG06@8' | 09/13/22 | 8.04 | NA | NA | NA |

| Soil Sample ID | Date | Arsenic (mg/kg) | Barium (mg/kg) | Cadmium (mg/kg) | Chromium (VI) (mg/kg) | Copper (mg/kg) | Lead (mg/kg) | Nickel (mg/kg) | Selenium (mg/kg) | Silver (mg/kg) | Zinc (mg/kg) |
|------------------------------|----------|-----------------|----------------|-----------------|-----------------------|----------------|--------------|----------------|------------------|----------------|--------------|
| Residential SSL ² | | 0.68 | 15,000 | 71 | 0.3 | 3,100 | 400 | 1,500 | 390 | 390 | 23,000 |
| Protection of Groundwater | | 0.29 | 82 | 0.38 | 0.00067 | 46 | 14 | 26 | 0.26 | 0.8 | 370 |
| BH01@4' | 08/12/21 | 2.86 | 63.5 | <0.223 | <0.30 | 5.07 | 7.09 | 5.13 | 0.631 | 0.0252 | 24.4 |
| BG01@4' | 08/12/21 | 2.86 | 64.4 | <0.207 | <0.30 | 4.74 | 5.08 | 5.09 | 0.682 | 0.0252 | 23.0 |
| BG02@4' | 09/13/22 | 4.37 | NA | NA | NA | NA | NA | NA | 0.572 | NA | NA |
| BG02@8' | 09/13/22 | 2.99 | NA | NA | NA | NA | NA | NA | 0.355 | NA | NA |
| BG03@4' | 09/13/22 | 2.84 | NA | NA | NA | NA | NA | NA | 0.493 | NA | NA |
| BG03@8' | 09/13/22 | 2.25 | NA | NA | NA | NA | NA | NA | 0.433 | NA | NA |
| BG04@4' | 09/13/22 | 3.44 | NA | NA | NA | NA | NA | NA | 0.675 | NA | NA |
| BG04@8' | 09/13/22 | 3.15 | NA | NA | NA | NA | NA | NA | 0.682 | NA | NA |
| BG05@4' | 09/13/22 | 4.69 | NA | NA | NA | NA | NA | NA | 0.730 | NA | NA |
| BG05@8' | 09/13/22 | 3.52 | NA | NA | NA | NA | NA | NA | 0.846 | NA | NA |
| BG06@4' | 09/13/22 | 2.85 | NA | NA | NA | NA | NA | NA | 0.692 | NA | NA |
| BG06@8' | 09/13/22 | 3.75 | NA | NA | NA | NA | NA | NA | 0.622 | NA | NA |

Notes:

- Compounds referenced from 2 CCR 404-1, Table 915-1, effective January 15, 2021.
- Soil Screening Levels (SSL) referenced from EPA Regional Screening Levels (EPA RSLs) for Chemical Contaminants at Superfund Sites, effective November 2020.
- 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

1,2,4 -

FIGURES

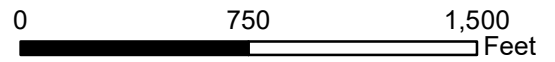
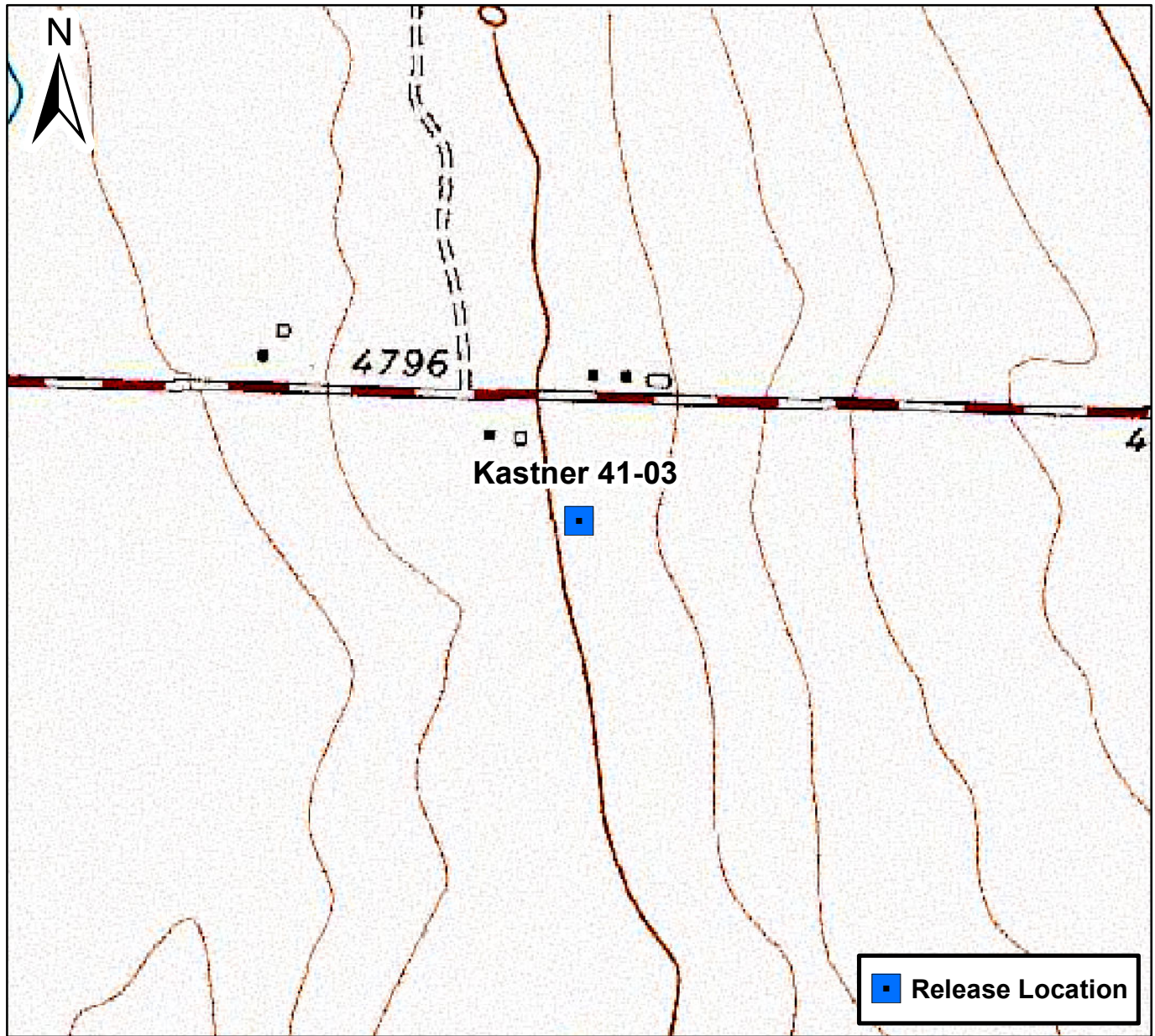
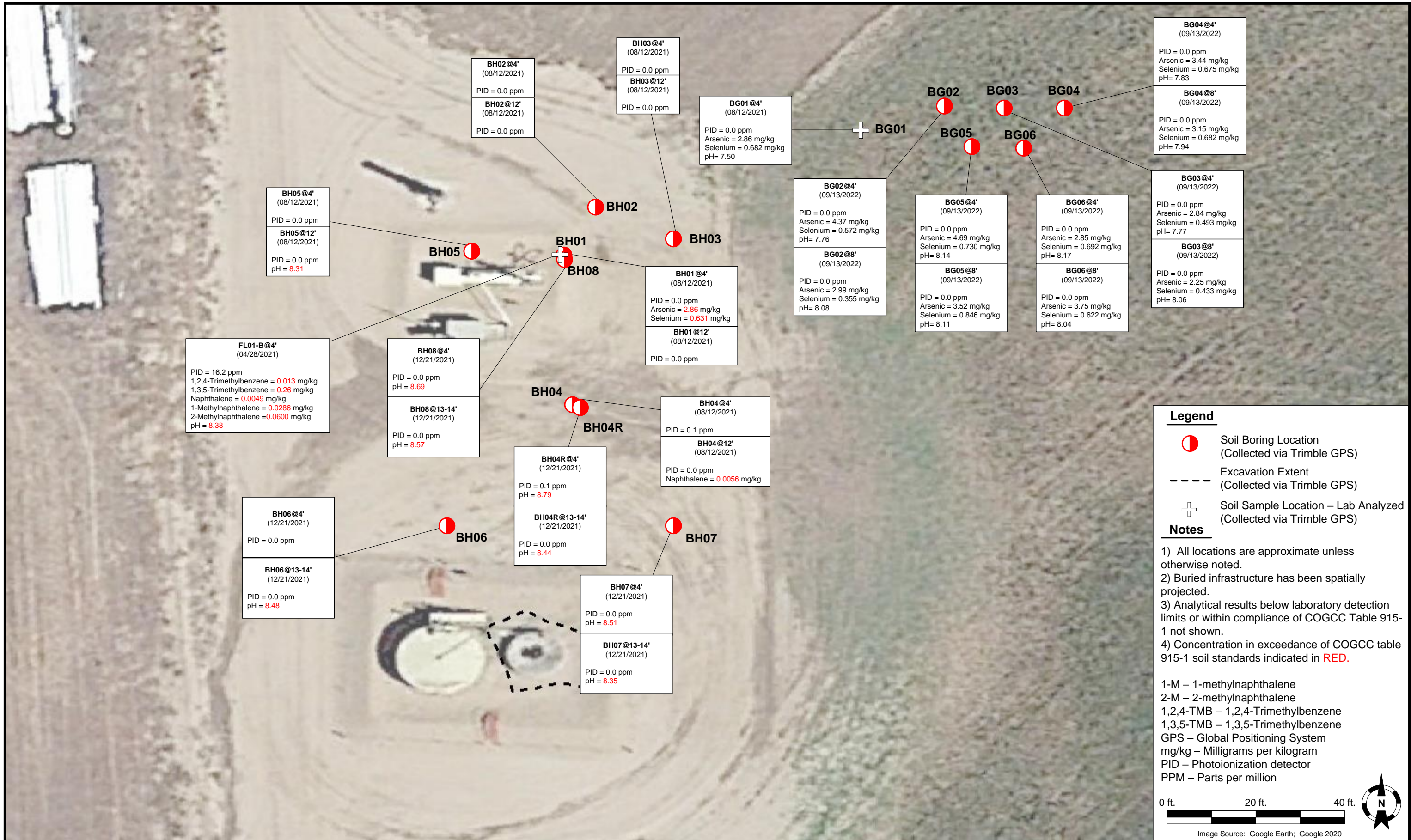


Figure 1

Site Location Map
 Kastner 41-03
 NWNE S3 T6N R65W
 Weld County, Colorado





DATE: 11/15/2023

DESIGNED BY: JW

DRAWN BY: AE

Tasman, Inc.
 6855 W 199th Ave
 Broomfield, CO 80020

Noble Energy, Inc. – DJ Basin
Kastner 41-03 Flowline
 NWNE, Section 3, Township 6 North, Range 65 West
 Weld County, Colorado

Site Assessment Soil
 Analytical Results Map
 (04/28/21, 08/12/21, 12/21/21,
 & 09/13/22)

Figure
 2



DATE: November 11, 2023

DESIGNED BY: JW

DRAWN BY: JC

TASMAN
 Tasman, Inc.
 6855 W. 119th Ave
 Broomfield, CO 80020

Noble Energy, Inc. – DJ Basin
Kastner 41-03 Water Well Investigation
 NWNE, Section 3, Township 6 North, Range 65 West
 Weld County, Colorado

Water Well Investigation
 Location Map

FIGURE
2

ATTACHMENT A
LABORATORY SOIL ANALYTICAL DATA REPORTS

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 22, 2022

Jacob Whritenour
Tasman Geosciences
6855 W. 119th Ave.
Broomfield, CO 80020
RE: Noble - Kastner 41-03
Work Order #2209237

Enclosed are the results of analyses for samples received by Summit Scientific on 09/13/22 15:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mikayla Axtell For Paul Shrewsbury
President



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

Project: Noble - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| BG02@4' | 2209237-01 | Soil | 09/13/22 13:25 | 09/13/22 15:40 |
| BG02@8' | 2209237-02 | Soil | 09/13/22 13:30 | 09/13/22 15:40 |
| BG03@4' | 2209237-03 | Soil | 09/13/22 13:35 | 09/13/22 15:40 |
| BG03@8' | 2209237-04 | Soil | 09/13/22 13:40 | 09/13/22 15:40 |
| BG04@4' | 2209237-05 | Soil | 09/13/22 13:45 | 09/13/22 15:40 |
| BG04@8' | 2209237-06 | Soil | 09/13/22 13:50 | 09/13/22 15:40 |
| BG05@4' | 2209237-07 | Soil | 09/13/22 13:55 | 09/13/22 15:40 |
| BG05@8' | 2209237-08 | Soil | 09/13/22 14:00 | 09/13/22 15:40 |
| BG06@4' | 2209237-09 | Soil | 09/13/22 14:05 | 09/13/22 15:40 |
| BG06@8' | 2209237-10 | Soil | 09/13/22 14:10 | 09/13/22 15:40 |

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

S₂

2209237

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Page 1 of 1

Client: Noble / Tasman Project Manager: Jake Whritenour Invoice: Erica Zuniga
Address: 6855 W. 119th Ave E-Mail: jwhritenour@tasman-geo.com
City/State/Zip: Broomfield, CO 80020
Phone: 303-827-1511 Project Name: Kastner 41-03
Sampler Name: Hunter Merlo Project Number:

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|-----------|-----------|-------------|-------------|------|-------------------|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | VOC - 915 | TPH - 915 | PAH - 915 | pH, EC, SAR | Boron - HWS | HOLD | Arsenic, Selenium | |
| 1 | B602E4' | 9/13/22 | 1325 | 1 | | | X | | | X | | | | | | | | X | X | |
| 2 | B602E8' | | 1330 | | | | | | | | | | | | | | | | | |
| 3 | B603E4' | | 1335 | | | | | | | | | | | | | | | | | |
| 4 | B603E8' | | 1340 | | | | | | | | | | | | | | | | | |
| 5 | B604E4' | | 1345 | | | | | | | | | | | | | | | | | |
| 6 | B604E8' | | 1350 | | | | | | | | | | | | | | | | | |
| 7 | B605E4' | | 1355 | | | | | | | | | | | | | | | | | |
| 8 | B605E8' | | 1400 | | | | | | | | | | | | | | | | | |
| 9 | B606E4' | | 1405 | | | | | | | | | | | | | | | | | |
| 10 | B606E8' | ↓ | 1410 | ↓ | | | | | | | | | | | | | | | | |

| | | | | | |
|---|-------------------------|--|-------------------------|--|--------|
| Relinquished by: <i>M Mer</i> | Date/Time: 9/13/22 1540 | Received by: Tasman's Lock Box Summit | Date/Time: 9/13/22 1540 | Turn Around Time (Check) Same Day <input type="checkbox"/> 72 hours 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> | Notes: |
| Relinquished by: Tasman's Lock Box | Date/Time: 9/13/22 1540 | Received by: <i>[Signature]</i> | Date/Time: 9/13/22 1540 | Sample Integrity: Temperature Upon Receipt: 6.2 | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No | |

S₂

Sample Receipt Checklist

S2 Work Order#

2209237

Client: Noble Hasman Client Project ID: Kastner 4103

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

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

Temp (°C) Thermometer #

| | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | OUT CE |
| If custody seals are present, are they intact? ⁽¹⁾ | <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? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling) ? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If dissolved metals are requested, were samples field filtered? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

CS
Custodian Printed Name

9.13.22
Date/Time

19:00



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

Project: Noble - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG02@4'
2209237-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:25**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 4.37 | 0.200 | mg/kg dry | 1 | BF10525 | 09/21/22 | 09/21/22 | EPA 6020B | |
| Selenium | 0.572 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:25**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 93.9 | | % | 1 | BF10423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 13:25**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 7.76 | | pH Units | 1 | BF10380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG02@8'
2209237-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:30**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 2.99 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.355 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:30**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 96.4 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 13:30**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 8.08 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG03@4'
2209237-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:35**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 2.84 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.493 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:35**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 94.2 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 13:35**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 7.77 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG03@8'
2209237-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:40**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 2.25 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.433 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:40**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 96.9 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 13:40**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 8.06 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG04@4'
2209237-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:45**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 3.44 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.675 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:45**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 94.0 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 13:45**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 7.83 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG04@8'
2209237-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:50**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 3.15 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.682 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:50**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 94.0 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 13:50**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 7.94 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG05@4'
2209237-07 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:55**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 4.69 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.730 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:55**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 92.1 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 13:55**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 8.14 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG05@8'
2209237-08 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 14:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 3.52 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.846 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 14:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 92.8 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 14:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 8.11 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG06@4'
2209237-09 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 14:05**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 2.85 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.692 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 14:05**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 94.6 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 14:05**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 8.17 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG06@8'
2209237-10 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 14:10**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 3.75 | 0.200 | mg/kg dry | 1 | BFI0525 | 09/21/22 | 09/22/22 | EPA 6020B | |
| Selenium | 0.622 | 0.260 | " | " | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 14:10**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | Units | | | | | | |
| % Solids | 93.5 | | % | 1 | BFI0423 | 09/16/22 | 09/20/22 | Calculation | |

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

Date Sampled: **09/13/22 14:10**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| pH | 8.04 | | pH Units | 1 | BFI0380 | 09/15/22 | 09/19/22 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

Total Metals by EPA 6020B - Quality Control

Summit Scientific

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

Batch BFI0525 - EPA 3050B

Blank (BFI0525-BLK1)

Prepared & Analyzed: 09/21/22

| | | | | | | | | | | |
|----------|----|-------|-----------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.200 | mg/kg wet | | | | | | | |
| Selenium | ND | 0.260 | " | | | | | | | |

LCS (BFI0525-BS1)

Prepared & Analyzed: 09/21/22

| | | | | | | | | | |
|----------|------|-------|-----------|------|------|--------|--|--|--|
| Arsenic | 42.8 | 0.200 | mg/kg wet | 40.0 | 107 | 80-120 | | | |
| Selenium | 3.99 | 0.260 | " | 4.00 | 99.8 | 80-120 | | | |

Duplicate (BFI0525-DUP1)

Source: 2209237-01

Prepared & Analyzed: 09/21/22

| | | | | | | | | |
|----------|-------|-------|-----------|--|-------|--|------|----|
| Arsenic | 4.49 | 0.200 | mg/kg dry | | 4.37 | | 2.66 | 20 |
| Selenium | 0.694 | 0.260 | " | | 0.572 | | 19.2 | 20 |

Matrix Spike (BFI0525-MS1)

Source: 2209237-01

Prepared: 09/21/22 Analyzed: 09/22/22

| | | | | | | | | |
|----------|------|-------|-----------|------|-------|------|--------|--|
| Arsenic | 48.2 | 0.200 | mg/kg dry | 42.6 | 4.37 | 103 | 75-125 | |
| Selenium | 4.18 | 0.260 | " | 4.26 | 0.572 | 84.7 | 75-125 | |

Matrix Spike Dup (BFI0525-MSD1)

Source: 2209237-01

Prepared: 09/21/22 Analyzed: 09/22/22

| | | | | | | | | | |
|----------|------|-------|-----------|------|-------|------|--------|------|----|
| Arsenic | 50.4 | 0.200 | mg/kg dry | 42.6 | 4.37 | 108 | 75-125 | 4.46 | 25 |
| Selenium | 4.38 | 0.260 | " | 4.26 | 0.572 | 89.4 | 75-125 | 4.69 | 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 - Kastner 41-03

Project Number: [none]
 Project Manager: Jacob Whritenour

Reported:
 09/22/22 13:23

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 BFI0423 - General Preparation

| Duplicate (BFI0423-DUP1) | Source: 2209236-01 | | | Prepared: 09/16/22 Analyzed: 09/20/22 | |
|--------------------------|--------------------|--|---|---------------------------------------|---------|
| % Solids | 81.5 | | % | 79.8 | 2.09 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

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 BFI0380 - General Preparation

LCS (BFI0380-BS1)

Prepared: 09/15/22 Analyzed: 09/19/22

| | | | | | |
|----|------|----------|------|------|--------|
| pH | 9.12 | pH Units | 9.18 | 99.3 | 95-105 |
|----|------|----------|------|------|--------|

Duplicate (BFI0380-DUP1)

Source: 2209227-01

Prepared: 09/15/22 Analyzed: 09/19/22

| | | | | | |
|----|------|----------|------|------|----|
| pH | 7.72 | pH Units | 7.54 | 2.36 | 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 - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

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