

SITE ASSESSMENT REPORT

BAKER B02-05 FLOWLINE

COGCC SPILL TRACKING # 481822

COGCC REMEDIATION # 22104

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. - BAKER B02-05 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-W@3'	03/28/22	<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-W@3'	03/28/22	7.87	14.1	1.49	0.239
BH07@3'	11/17/23	NA	9.57	NA	NA
BH07@6'	11/17/23	NA	9.66	NA	NA
BH08@3'	11/17/23	NA	1.71	NA	NA
BH08@6'	11/17/23	NA	1.81	NA	NA
BH09@3'	11/17/23	NA	0.305	NA	NA
BH09@6'	11/17/23	NA	3.11	NA	NA
BH10@3'	11/17/23	NA	7.10	NA	NA
BH10@6'	11/17/23	NA	7.12	NA	NA
BH11@3'	11/17/23	NA	10.7	NA	NA
BH11@6'	11/17/23	NA	5.18	NA	NA
BG06@3'	11/17/23	NA	7.90	NA	NA
BG06@6'	11/17/23	NA	6.29	NA	NA
BG07@3'	11/17/23	NA	8.48	NA	NA
BG07@6'	11/17/23	NA	6.57	NA	NA
BG08@3'	11/17/23	NA	2.41	NA	NA
BG08@6'	11/17/23	NA	4.75	NA	NA
BG09@3'	11/17/23	NA	6.33	NA	NA
BG09@6'	11/17/23	NA	6.94	NA	NA
BG10@3'	11/17/23	NA	1.80	NA	NA
BG10@6'	11/17/23	NA	1.05	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)
- 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

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

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

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

Benz(a) = Benzanthracene

Benzo(b) = Benzo(a)fluoranthene

Benzo(k) = Benzo(a)fluoranthene

Benzo(a) = Benzopyrene

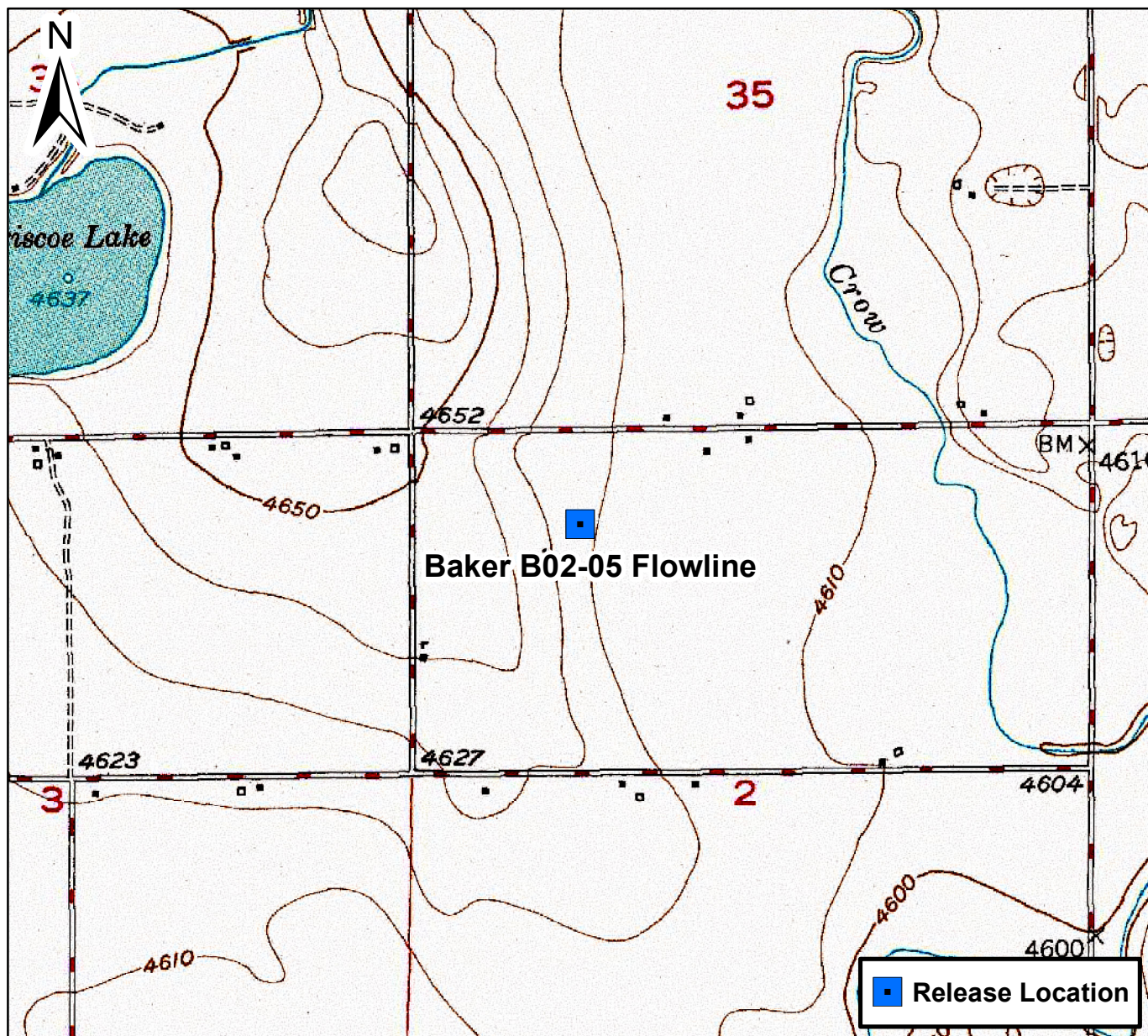
A,H = Dibenzo(a,h)anthracene

1,2,3-CD = Indeno(1,2,3-cd)pyrene

1-M = 1-methylnaphthalene

2-M = 2-methylnaphthalene

FIGURES



0 1,500 3,000 Feet

Figure 1

Site Location Map
Baker B02-05 Flowline
NWNW S2 T5N R64W
Weld County, Colorado



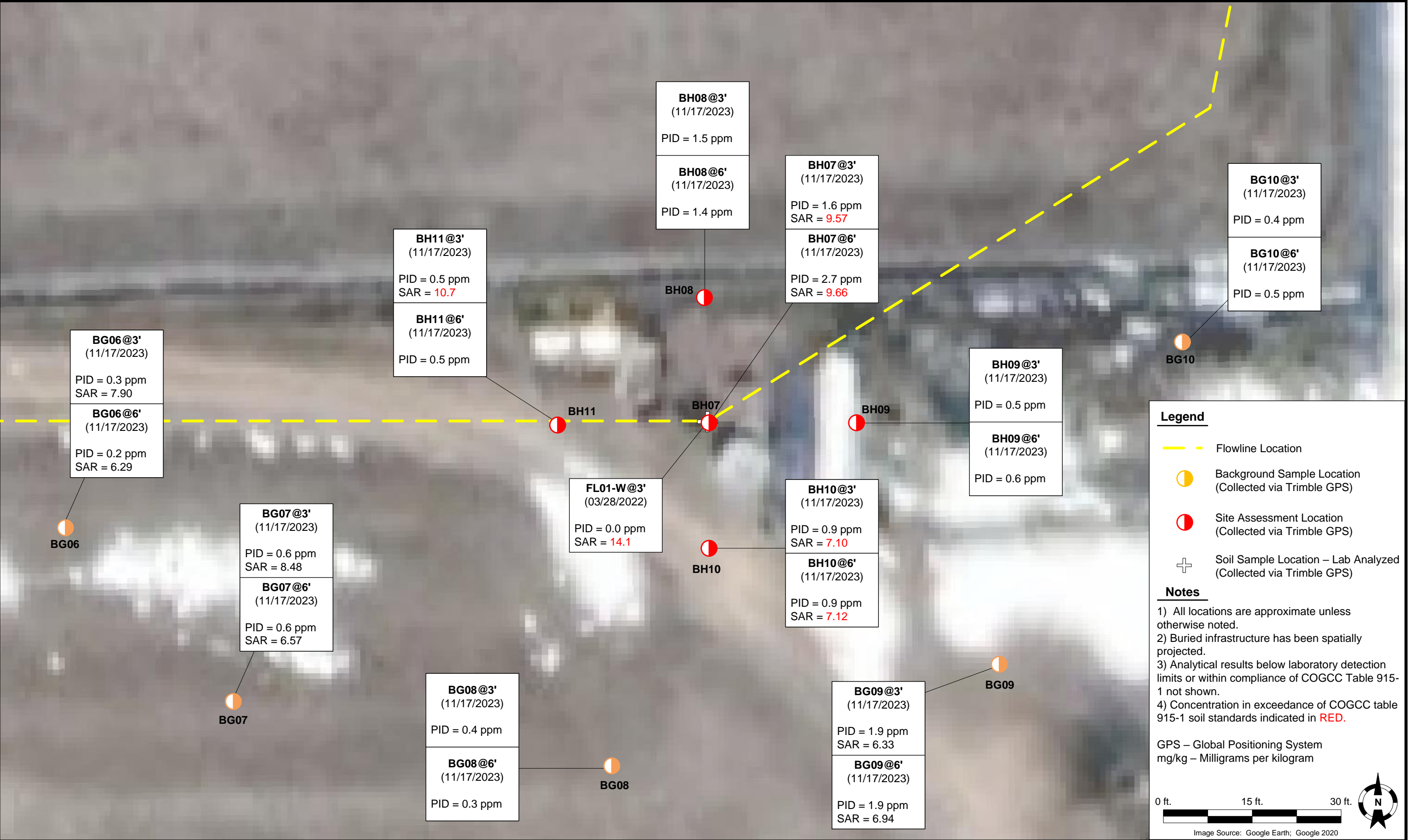
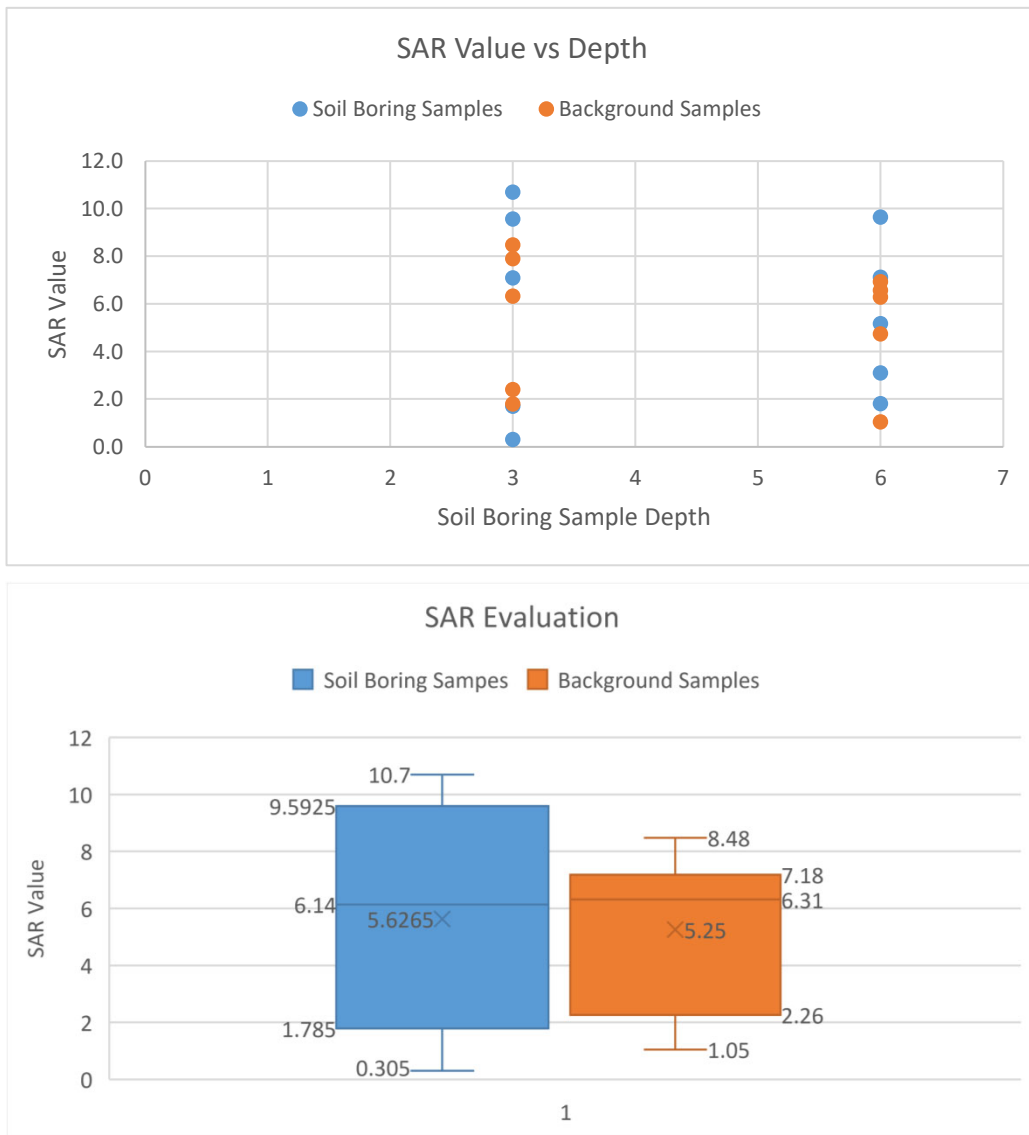


Figure 3 - Box and Whisker Charts



ATTACHMENT A
LABORATORY SOIL ANALYTICAL DATA REPORTS

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 07, 2023

Jacob Whritenour

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: Noble - Baker B02-05

Work Order #2311391

Enclosed are the results of analyses for samples received by Summit Scientific on 11/17/23 17:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Jacob Wood For Paul Shrewsbury

President



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

Project: Noble - Baker B02-05

Project Number: RC 422130716 Task# 247037

Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH07@3'	2311391-01	Soil	11/17/23 09:50	11/17/23 17:50
BH07@6'	2311391-02	Soil	11/17/23 09:55	11/17/23 17:50
BH08@3'	2311391-03	Soil	11/17/23 10:00	11/17/23 17:50
BH08@6'	2311391-04	Soil	11/17/23 10:05	11/17/23 17:50
BH09@3'	2311391-05	Soil	11/17/23 11:30	11/17/23 17:50
BH09@6'	2311391-06	Soil	11/17/23 11:35	11/17/23 17:50
BH10@3'	2311391-07	Soil	11/17/23 10:10	11/17/23 17:50
BH10@6'	2311391-08	Soil	11/17/23 10:15	11/17/23 17:50
BH11@3'	2311391-09	Soil	11/17/23 10:15	11/17/23 17:50
BH11@6'	2311391-10	Soil	11/17/23 10:20	11/17/23 17:50
BG06@3'	2311391-11	Soil	11/17/23 10:40	11/17/23 17:50
BG06@6'	2311391-12	Soil	11/17/23 10:45	11/17/23 17:50
BG07@3'	2311391-13	Soil	11/17/23 10:50	11/17/23 17:50
BG07@6'	2311391-14	Soil	11/17/23 10:55	11/17/23 17:50
BG08@3'	2311391-15	Soil	11/17/23 11:10	11/17/23 17:50
BG08@6'	2311391-16	Soil	11/17/23 11:15	11/17/23 17:50
BG09@3'	2311391-17	Soil	11/17/23 11:20	11/17/23 17:50
BG09@6'	2311391-18	Soil	11/17/23 11:25	11/17/23 17:50
BG10@3'	2311391-19	Soil	11/17/23 10:25	11/17/23 17:50
BG10@6'	2311391-20	Soil	11/17/23 10:30	11/17/23 17:50

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.

Client: Noble/Tasman		Send Data To:		Send Invoice To:	
Address: 6855 W. 119th Ave.		Project Manager: Jake Whritenour		Company: <u>Chevron</u>	
City/State/Zip: Broomfield/CO/ 80020		E-Mail: Jwhritenour@tasman-geo.com		Project Name/Location: <u>Baker B02-05</u>	
Phone: 978-857-4408		Project Name: <u>Baker B02-05</u>		AFE#:	
Sampler Name: Matthew Wentzel		Project Number:		PO/Billing Codes:	
				Contact: <u>Dan Peterson</u>	

					Preservative				Matrix			Analysis Requested							Special Instructions			
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Metals - 915	VOC - 915	TPH - 915	PAH - 915	SAR, EC, pH	Boron - HWS	HOLD	SAR		
1	BH 07 @ 3'	11-17-23	0950	1			X			X											X	SAR, EC, pH by saturated paste
2	BH 07 @ 6'		0955																			
3	BH 08 @ 3'		1000																			
4	BH 08 @ 6'		1005																			
5	BH 09 @ 3'		1130																			
6	BH 09 @ 6'		1135																			
7	BH 10 @ 3'		1010																			
8	BH 10 @ 6'		1015																			
9	BH 11 @ 3'		1015																			
10	BH 11 @ 6'		1020																			
11	BG 06 @ 3'		1040																			
12	BG 06 @ 6'		1045																			
13	BG 07 @ 3'		1050																			
14	BG 07 @ 6'		1055																			
15	BG 08 @ 3'		1110																			

Relinquished by: <u>AA</u>	Date/Time: <u>11-17-23 1340</u>	Received by: <u>Tasman Lock Box</u>	Date/Time: <u>11-17-23 1340</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by: <u>Tasman Lock Box</u>	Date/Time: <u>11-17-23 1750</u>	Received by: <u>[Signature]</u>	Date/Time: <u>11-17-23 1750</u>	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
Temperature Upon Receipt: <u>8.8</u>	Corrected Temperature: <u>12</u>	IR gun #:	HNO3 lot #:	Standard	X	Field Turb.

Send Data To:		Send Invoice To:
Client: Noble/Tasman	Project Manager: Jake Whritenour	Company: <u>Charion</u>
Address: 6855 W. 119th Ave.	E-Mail: Jwhritenour@tasman-geo.com	Project Name/Location: <u>Baker BP2-ES</u>
City/State/Zip: Broomfield/CO/ 80020		AFE#:
Phone: 978-857-4408	Project Name: <u>Baker BP2-ES</u>	PO/Billing Codes:
Sampler Name: Matthew Wentzel	Project Number:	Contact: <u>Dan Peterson</u>

					Preservative				Matrix			Analysis Requested								Special Instructions
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Metals - 915	VOC - 915	TPH - 915	PAH - 915	SAR, EC, pH	Boron - HWS	HOLD	SAR
1	BGE @ 6'	11-17-23	1115	1			X			X										X
2	BGE @ 3'	1	1120	1			1			1										1
3	BGE @ 6'	1	1125	1			1			1										1
4	BG1 @ 3'	1	1025	1			1			1										1
5	BG1 @ 6'	1	1030	1			1			1										1
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished by: <u>AD AD</u>	Date/Time: <u>11-17-23 1340</u>	Received by: <u>Tasman Lock Box</u>	Date/Time: <u>11-17-23 1340</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by: <u>Tasman Lock Box</u>	Date/Time: <u>11-23 1730</u>	Received by: <u>[Signature]</u>	Date/Time: <u>11-23 1750</u>	1 Day	Field ORP	
				2 Days	Field pH	
				3 Days	Field Temp.	
				Standard	X Field Turb.	
Temperature Upon Receipt: <u>8.8</u>		Corrected Temperature: <u>8</u>		IR gun #: <u>1</u>	HNO3 lot #: _____	

S₂

2/2

Sample Receipt Checklist

S2 Work Order# 2311391

Client: Ndabe/TamanClient Project ID: Baker B02-05Shipped 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)

8.8

Thermometer #

1

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on file
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely? ⁽¹⁾	<input 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.				

Custodian Printed Name

Date/Time



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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH07@3'
2311391-01 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	187	0.0500	mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	258	0.0500	"	"	"	"	"	"	
Sodium	860	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	9.57	0.00100	units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	92.1		%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH07@6'
2311391-02 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 09:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	51.0	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	92.7	0.0500		"	"	"	"	"	"	
Sodium	501	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 09:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	9.66	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 09:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	89.9			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH08@3'
2311391-03 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	47.3	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	36.0	0.0500		"	"	"	"	"	"	
Sodium	64.2	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	1.71	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	91.8			%	1	BGK0950	11/27/23	11/28/23	Calculation	

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH08@6'
2311391-04 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	22.2	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	13.2	0.0500		"	"	"	"	"	"	
Sodium	43.5	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	1.81	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	85.5			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH09@3'
2311391-05 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 11:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	60.4	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	12.1	0.0500		"	"	"	"	"	"	
Sodium	9.94	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 11:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	0.305	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 11:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	94.4			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH09@6'
2311391-06 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 11:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	211	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	99.5	0.0500		"	"	"	"	"	"	
Sodium	219	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 11:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	3.11	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 11:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	92.0			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH10@3'
2311391-07 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	49.1	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	98.0	0.0500		"	"	"	"	"	"	
Sodium	374	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	7.10	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	89.5			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH10@6'
2311391-08 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	24.9	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	40.2	0.0500		"	"	"	"	"	"	
Sodium	247	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	7.12	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	85.1			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH11@3'
2311391-09 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	111	0.0500	mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	112	0.0500	"	"	"	"	"	"	
Sodium	671	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	10.7	0.00100	units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	93.2		%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BH11@6'
2311391-10 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	64.9	0.0500	mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	62.7	0.0500	"	"	"	"	"	"	
Sodium	244	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	5.18	0.00100	units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	87.8		%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG06@3'
2311391-11 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	17.3	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	38.2	0.0500		"	"	"	"	"	"	
Sodium	257	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	7.90	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	93.0			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG06@6'
2311391-12 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	18.0	0.0500	mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	25.1	0.0500	"	"	"	"	"	"	
Sodium	176	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	6.29	0.00100	units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	93.0		%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG07@3'
2311391-13 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	72.5	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	141	0.0500		"	"	"	"	"	"	
Sodium	538	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	8.48	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	93.8			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG07@6'
2311391-14 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	22.5	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	29.8	0.0500		"	"	"	"	"	"	
Sodium	202	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	6.57	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	92.8			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG08@3'
2311391-15 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	57.4	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	38.5	0.0500		"	"	"	"	"	"	
Sodium	96.3	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	2.41	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	92.4			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG08@6'
2311391-16 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 11:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	50.1	0.0500	mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	44.9	0.0500	"	"	"	"	"	"	
Sodium	192	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 11:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	4.75	0.00100	units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 11:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	88.1		%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG09@3'
2311391-17 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	105	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	141	0.0500		"	"	"	"	"	"	
Sodium	422	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	6.33	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	90.4			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG09@6'
2311391-18 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	36.4	0.0500	mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	50.6	0.0500	"	"	"	"	"	"	
Sodium	276	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	6.94	0.00100	units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 11:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	88.8		%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG10@3'
2311391-19 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	62.0	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	43.3	0.0500		"	"	"	"	"	"	
Sodium	75.7	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	1.80	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	92.2			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05
Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

BG10@6'
2311391-20 (Soil)

Summit Scientific

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

Date Sampled: **11/17/23 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	23.1	0.0500		mg/L dry	1	BGL0050	12/01/23	12/06/23	EPA 6020B	
Magnesium	15.9	0.0500		"	"	"	"	"	"	
Sodium	26.7	0.0500		"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/17/23 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	1.05	0.00100		units	1	BGL0211	12/06/23	12/06/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/17/23 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	92.5			%	1	BGK0950	11/27/23	11/28/23	Calculation	

Summit Scientific

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

Project: Noble - Baker B02-05

Project Number: RC 422130716 Task# 247037

Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

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

Summit Scientific

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

Batch BGL0050 - General Preparation

Blank (BGL0050-BLK1)

Prepared: 12/01/23 Analyzed: 12/06/23

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

LCS (BGL0050-BS1)

Prepared: 12/01/23 Analyzed: 12/06/23

Calcium	5.13	0.0500	mg/L wet	5.00	103	70-130
Magnesium	5.06	0.0500	"	5.00	101	70-130
Sodium	4.78	0.0500	"	5.00	95.7	70-130

Summit Scientific

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

Project: Noble - Baker B02-05

Project Number: RC 422130716 Task# 247037

Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

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

Summit Scientific

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

Batch BGK0950 - General Preparation

Duplicate (BGK0950-DUP1)

Source: 2311391-01

Prepared: 11/27/23 Analyzed: 11/28/23

% Solids	92.2	%	92.1	0.138	20
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Summit Scientific

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

Project: Noble - Baker B02-05

Project Number: RC 422130716 Task# 247037
Project Manager: Jacob Whritenour

Reported:
12/07/23 09:04

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

ATTACHMENT B
BORING LOGS

Borehole Logging Form

Boring/Well ID #: BH11		SITE NAME: Baker B02-05		CLIENT NAME: Chervon	
Date Started: 11.17.23		Location: Wd			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	0.4		SP	fg sand, brown damp, medium dense, slight plasticity, no odor, no staining
2		↓	↓	0.5	BH11@3' 1015		
3							
4							
5							
6							
7				0.5	BH11@6' 1020		AA
8							
9							
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25							

Borehole Logging Form

Boring/Well ID #: BH0		SITE NAME: Baker B02-05		CLIENT NAME: Chevron	
Date Started: 11.17.23		Location: Weld			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	↓	HA	100%	1.2		SP	Fg sand, brown, damp, medium dense, no odor, no staining
2							
3							
4							
5							
6							
7				0.9	BH0@3' 1010		
8				0.9	BH0@6' 1015		AA
9							
10							
11							
12							
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24							
25							

Borehole Logging Form

Boring/Well ID #: BH09		SITE NAME: Baker B02-05		CLIENT NAME: Chevron	
Date Started: 11.17.23		Location: Well 2			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	0.0		SP	Fg Sand, brown, slightly comp, medium dense, no oil, MC staining.
2							
3				0.5	BH09@3' 1130		
4							
5				0.6	BH09@6' 1135		
6						AA	
7							
8							
9							
10							
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25							

Borehole Logging Form

Boring/Well ID #: BH08		SITE NAME: Baker B02-05		CLIENT NAME: Chevron	
Date Started: 11.17.23		Location: Well 2			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MU			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	1.6		SP	Fs sand, brown, slightly dry, medium dense, no odor, no staining
2							
3				1.5	BH0803 1000		AA
4							
5							
6				1.4	BH0806 1000		Fs sand, brown damp, medium dense, no odor, no staining
7							
8							
9							
10							
11							
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25							

Borehole Logging Form

Boring/Well ID #: BH 07		SITE NAME: Parker B02-05		CLIENT NAME: Chewron	
Date Started: 11.17.23		Location: Weld			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	0.3	0950	SP	Fg Sand, brown, slightly dry, medium dense, no color, no staining
2							
3				1.6	BH07@3' 0950		AA
4							
5							
6				2.7	BH07@6' 0955		Fg Sand, brown, damp, medium dense, no color, no staining
7							
8							
9							
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Borehole Logging Form

Boring/Well ID #: BG10		SITE NAME: Baker B02-05		CLIENT NAME: Chevron	
Date Started: 11.17.23		Location: Weld			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	0.5		SP	Fg sand, brown, damp, medium dense, no color, no staining
2		↓	↓	0.4	BG10@3' 1025		
3							
4							
5							
6		↓	↓	0.5	BG10@6' 1030		AA
7							
8							
9							
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Borehole Logging Form

Boring/Well ID #: BG09		SITE NAME: Baker B02-05		CLIENT NAME: Chevron	
Date Started: 11.17.23		Location: U41d			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	2.0		SP	Fg Sand brown, damp, medium dense, no clay, no staining
2							
3				1.9	BG0903 112C		
4							
5							
6				1.9	BG0906 1125		AA
7							
8							
9							
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Borehole Logging Form

Boring/Well ID #: BG08		SITE NAME: Baker B02-05		CLIENT NAME: Chevron	
Date Started: 11.17.23		Location: Wild			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	↓	HA	100%	0.2		SP	Fs sand, light brown, very dry, medium dense, no clay, no stain
2							
3				0.4	BG08@3' 1110		Fs sand, brown, damp, medium dense, no clay, no staining
4							
5				0.3	BG08@6' 1115		
6							AA
7							
8							
9							
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Borehole Logging Form

Boring/Well ID #: B507		SITE NAME: Baker B02-05		CLIENT NAME: Chercon	
Date Started: 11.17.23		Location: Weld			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: JW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	0.6		SP	Fs Sand, light brown, very dry, medium dense, no odor, no staining
2							
3				0.6	B507@3' 1050		Fs Sand, brown, damp, medium dense, no odor, no staining
4							
5							
6				0.6	B507@6' 1055		AA
7							
8							
9							
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25							

Borehole Logging Form

Boring/Well ID #: BG06		SITE NAME: Baker B02-05		CLIENT NAME: Cherron	
Date Started: 11.17.23		Location: Weld			
Date Completed: 11.17.23		TOC Elevation:		DTW:	
Type of Drill: HA		Geologist: MW			
Bit Size: 3.25"		Project Manager: TW			
Drilling Company: Tasman					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		HA	100%	0.4		SP	Fg sand, brown, dry, medium dense, KC, odor, no staining
2							
3				0.3	BG06@3' 1040		Fg sand, brown, damp, medium dense, no odor, no staining
4							
5							
6				0.2	BG06@6' 1045		AA
7							
8							
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