

TABLE 1
SOIL SAMPLE LOCATIONS
NOBLE ENERGY, INC. - Boos 20-25 Wellhead

Soil Sample ID	Date	PID (ppm)	Visual	Olfactory	Sample Type (Grab/Lab)	Latitude ¹	Longitude	PDOP
GS01@0-6"	05/20/24	8.1	No Staining	Slight HC Odor	Grab	40.27888421	-104.83476949	1
GS02@0-6"	05/20/24	0.5	No Staining	No Odor	Grab	40.27861178	-104.83466398	1
GS03@0-6"	05/20/24	0.0	No Staining	No Odor	Grab	40.27840095	-104.83466154	0.8
GS04@0-6"	05/20/24	0.1	No Staining	No Odor	Grab	40.27842202	-104.83481425	0.9
GS05@0-6"	05/20/24	0.9	No Staining	No Odor	Grab	40.27861521	-104.83480600	1.1
GS06@0-6"	05/20/24	0.8	No Staining	No Odor	Grab	40.2786275	-104.83499431	1
GS07@0-6"	05/20/24	0.5	No Staining	No Odor	Grab	40.27850328	-104.83506507	0.9
GS08@0-6"	05/20/24	0.5	No Staining	No Odor	Grab	40.27876288	-104.83517259	1.2
GS09@0-6"	05/20/24	0.3	No Staining	No Odor	Grab	40.2788629	-104.83528838	0.8
GS10@0-6"	05/20/24	0.4	No Staining	No Odor	Grab	40.2790369	-104.83525896	1
GS11@0-6"	05/20/24	0.6	No Staining	No Odor	Grab	40.27917334	-104.83509552	1
GS12@0-6"	05/20/24	0.8	No Staining	No Odor	Grab	40.27925804	-104.83492415	0.9
GS13@0-6"	05/20/24	8.6	No Staining	Slight HC Odor	Grab	40.27925315	-104.83468235	0.9
GS14@0-6"	05/20/24	0.5	No Staining	No Odor	Grab	40.2794101	-104.83466139	0.9
GS15@0-6"	05/20/24	2.1	No Staining	No Odor	Grab	40.27932551	-104.83437519	0.7
GS16@0-6"	05/20/24	0.6	No Staining	No Odor	Grab	40.2790766	-104.83426673	0.9
GS17@0-6"	05/20/24	0.5	No Staining	No Odor	Grab	40.27884748	-104.83429314	0.8
GS18@0-6"	05/20/24	0.6	No Staining	No Odor	Grab	40.27867039	-104.83432172	0.8
GS19@0-6"	05/20/24	0.8	No Staining	No Odor	Grab	40.27944389	-104.83493838	0.7
GS20@0-6"	05/20/24	8.8	No Staining	Slight HC Odor	Grab	40.27930671	-104.83465598	0.8
WC01@0-6"	05/20/24	1,516	HC Staining	HC Odor	Lab	40.27887327	-104.83483989	0.9

Notes:

PID = Photoionization detector

ppm = parts per million

PDOP = Position dilution of precision

HC = Hydrocarbon

NC = Not Collected

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. - Boos 20-25 Wellhead

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
WC01@0-6"	5/20/2024	2.1	<0.0050	<0.0050	<0.010	<0.0050	11	2.2	4400	11000	1400	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP

Soil Sample ID	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
Residential SSL ²		6 - 8.3	<6	<4mmhos/cm	2
WC01@0-6"	5/20/2024	RP	RP	RP	RP

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 SSL ^{2,3}		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
WC01@0-6"	5/20/2024	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP

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:

ECMC = Energy and Carbon Management 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 ECMC Table 915-1 standard

RP = Results pending

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

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

Benz(a) = Benzo(a)anthracene

Benzo(b) = Benzo(b)fluoranthene

Benzo(k) = Benzo(k)fluoranthene

Benzo(a) = Benzo(a)pyrene

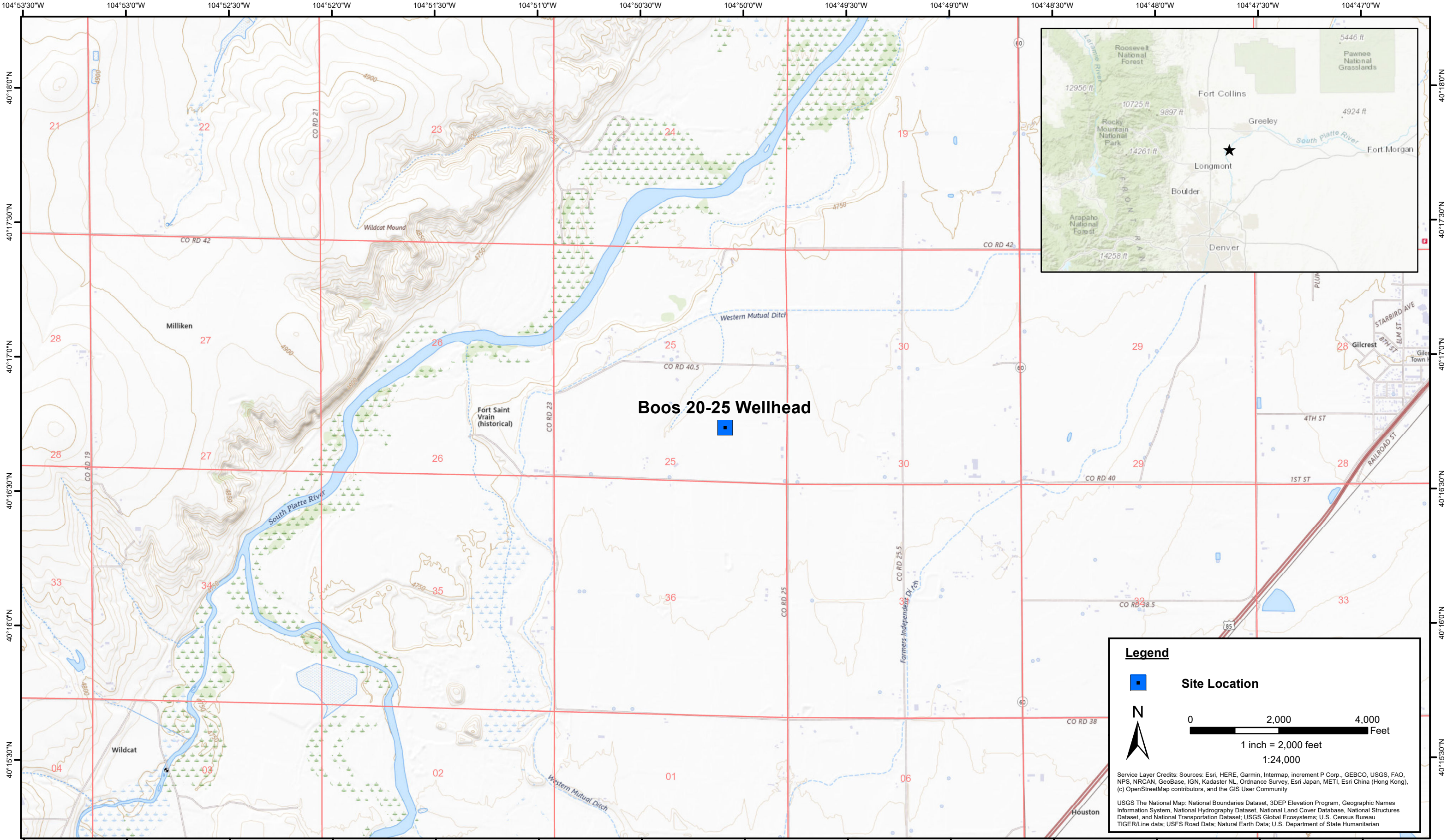
A,H = Dibenzo(a,h)anthracene

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

1-M = 1-methylnaphthalene

2-M = 2-methylnaphthalene

NA = Not analyzed



DATE:	May 2024
DESIGNED BY:	J. Whritenour
DRAWN BY:	L. Reed



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



PDC Energy, Inc. – DJ Basin
Boos 20-25 Wellhead
SWSE Sec. 25-T4N-R67W
Weld County, Colorado



Site Location Map



Figure
1







											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: WC01 @ 0-6"						Notes/Conditions: GS01 @ 0-6"					



											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: GS02 @ 0-6"						Notes/Conditions: GS03 @ 0-6"					



											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: GS04 @ 0-6"						Notes/Conditions: GS05 @ 0-6"					


											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: GS06						Notes/Conditions: GS07					



											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: GS08						Notes/Conditions: GS09					


											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: GS10						Notes/Conditions: GS11					

											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: GS12						Notes/Conditions: GS13					

											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: <small>GS14</small>						Notes/Conditions:					

											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: GS16						Notes/Conditions: GS17					

											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: ^{GS18}						Notes/Conditions: ^{GS19}					

											
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:					
Material:		Volume:		Contents:		Material:		Volume:		Contents:	
Notes/Conditions: <small>GS20</small>						Notes/Conditions:					

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 21, 2024

Jacob Whritenour

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: Noble - Boos 20-25 Wellhead

Work Order #2405308

Enclosed are the results of analyses for samples received by Summit Scientific on 05/20/24 17:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DRAFT REPORT

DATA SUBJECT TO CHANGE



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

Project: Noble - Boos 20-25 Wellhead

Project Number: [none]
Project Manager: Jacob Whritenour

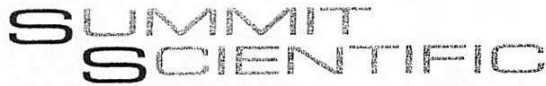
Reported:
05/21/24 07:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WC01@0-6"	2405308-01	Soil	05/20/24 09:40	05/20/24 17:35

DRAFT REPORT

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.



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

Lab ID	Page 1 of 1
2405308	

		Send Data To:	Send Invoice To:
Client: Noble/Tasman		Project Manager: Jake Whritenour	Company: Chevron
Address: 6855 W. 119th Ave.		E-Mail: Jwhritenour@tasman-geo.com	Project Name/Location: Boos 20-25 wellhead
City/State/Zip: Broomfield/CO/ 80020			AFE#:
Phone: (317) 445-0601		Project Name: Boos 20-25 Wellhead	PO/Billing Codes:
Sampler Name: Luke Moran		Project Number:	Contact: Dan Peterson

					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, EC, pH by saturated paste
1	WCO1 @ 0-6"	5/20/24	0940	2			2			X			X	X	X	X	X	X				
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						

Relinquished by:	Date/Time:	Received by: Tasman Lock Box	Date/Time:	TAT Business Days	Field DO	Notes:
Luke Moran	5/20/24 1415		5/20/24 1415	Same Day X	Field EC	
Relinquished by:	Date/Time:	Received by:	Date/Time:	1 Day	Field ORP	
Tasman Lock Box	5/20/24 1735		5/20/24 1735	2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: 8.7	Corrected Temperature 8	IR gun #:	HNO3 lot #:			

S₂

Sample Receipt Checklist

S2 Work Order# 2405308Client: Noble Gasman Client Project ID: Boos 20-25 wellheadShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐

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

Matrix (Check all that apply) Air ☐ Soil/Solid ☐ Water ☐ Other ☐Temp (°C) 8.7 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"/>	<u>none</u>
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>same day</u>
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.

AS

Custodian Printed Name

5/20/24

Date/Time



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

Project: Noble - Boos 20-25 Wellhead

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
05/21/24 07:20

WC01@0-6"
2405308-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/20/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	2.1	0.020	mg/kg	10	BHE0625	05/20/24	05/21/24	EPA 8260B	
Toluene	ND	0.0050	"	1	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	11	0.050	"	10	"	"	"	"	E
Naphthalene	2.2	0.038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4400	5.0	"	"	"	"	"	"	E

Date Sampled: **05/20/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0547	137 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0478	119 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.484	1210 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/20/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	11000	50	mg/kg	1	BHE0627	05/20/24	05/21/24	EPA 8015M	
C28-C36 (ORO)	1400	50	"	"	"	"	"	"	

Date Sampled: **05/20/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	21.9	175 %	30-150		"	"	"	"	S-02

DRAFT REPORT

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

Project: Noble - Boos 20-25 Wellhead

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
05/21/24 07:20

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 BHE0625 - EPA 5030 Soil MS

Blank (BHE0625-BLK1)

Prepared: 05/20/24 Analyzed: 05/21/24

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	0.0432		"	0.0400		108	50-150			
Surrogate: Toluene-d8	0.0414		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0408		"	0.0400		102	50-150			

LCS (BHE0625-BS1)

Prepared: 05/20/24 Analyzed: 05/21/24

Benzene	0.108	0.0020	mg/kg	0.100		108	70-130			
Toluene	0.102	0.0050	"	0.100		102	70-130			
Ethylbenzene	0.109	0.0050	"	0.100		109	70-130			
m,p-Xylene	0.184	0.010	"	0.200		92.2	70-130			
o-Xylene	0.0844	0.0050	"	0.100		84.4	70-130			
1,2,4-Trimethylbenzene	0.0920	0.0050	"	0.100		92.0	70-130			
1,3,5-Trimethylbenzene	0.0944	0.0050	"	0.100		94.4	70-130			
Naphthalene	0.108	0.0038	"	0.100		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0438		"	0.0400		110	50-150			
Surrogate: Toluene-d8	0.0434		"	0.0400		108	50-150			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.7	50-150			

Matrix Spike (BHE0625-MS1)

Source: 2405303-01

Prepared: 05/20/24 Analyzed: 05/21/24

Benzene	0.113	0.0020	mg/kg	0.100	ND	113	70-130			
Toluene	0.105	0.0050	"	0.100	ND	105	70-130			
Ethylbenzene	0.106	0.0050	"	0.100	ND	106	70-130			
m,p-Xylene	0.177	0.010	"	0.200	ND	88.6	70-130			
o-Xylene	0.0810	0.0050	"	0.100	ND	81.0	70-130			
1,2,4-Trimethylbenzene	0.0857	0.0050	"	0.100	ND	85.7	70-130			
1,3,5-Trimethylbenzene	0.0892	0.0050	"	0.100	ND	89.2	70-130			
Naphthalene	0.0875	0.0038	"	0.100	ND	87.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0466		"	0.0400		117	50-150			
Surrogate: Toluene-d8	0.0446		"	0.0400		111	50-150			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	50-150			

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

Project: Noble - Boos 20-25 Wellhead

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
05/21/24 07:20

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 BHE0625 - EPA 5030 Soil MS

Matrix Spike Dup (BHE0625-MSD1)	Source: 2405303-01			Prepared: 05/20/24 Analyzed: 05/21/24						
Benzene	0.0947	0.0020	mg/kg	0.100	ND	94.7	70-130	17.3	30	
Toluene	0.0879	0.0050	"	0.100	ND	87.9	70-130	17.8	30	
Ethylbenzene	0.0947	0.0050	"	0.100	ND	94.7	70-130	10.9	30	
m,p-Xylene	0.158	0.010	"	0.200	ND	79.1	70-130	11.4	30	
o-Xylene	0.0716	0.0050	"	0.100	ND	71.6	70-130	12.3	30	
1,2,4-Trimethylbenzene	0.0739	0.0050	"	0.100	ND	73.9	70-130	14.8	30	
1,3,5-Trimethylbenzene	0.0768	0.0050	"	0.100	ND	76.8	70-130	15.0	30	
Naphthalene	0.0709	0.0038	"	0.100	ND	70.9	70-130	21.0	30	
Surrogate: 1,2-Dichloroethane-d4	0.0435		"	0.0400		109	50-150			
Surrogate: Toluene-d8	0.0431		"	0.0400		108	50-150			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	50-150			

DRAFT REPORT

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

Project: Noble - Boos 20-25 Wellhead

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
05/21/24 07:20

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 BHE0627 - EPA 3550A

Blank (BHE0627-BLK1)

Prepared: 05/20/24 Analyzed: 05/21/24

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							
Surrogate: o-Terphenyl	11.5		"	12.5		91.6	30-150			

LCS (BHE0627-BS1)

Prepared: 05/20/24 Analyzed: 05/21/24

C10-C28 (DRO)	537	50	mg/kg	500		107	70-130			
Surrogate: o-Terphenyl	11.7		"	12.5		93.6	30-150			

Matrix Spike (BHE0627-MS1)

Source: 2405303-01

Prepared: 05/20/24 Analyzed: 05/21/24

C10-C28 (DRO)	477	50	mg/kg	500	ND	95.4	70-130			
Surrogate: o-Terphenyl	10.7		"	12.5		85.7	30-150			

Matrix Spike Dup (BHE0627-MSD1)

Source: 2405303-01

Prepared: 05/20/24 Analyzed: 05/21/24

C10-C28 (DRO)	504	50	mg/kg	500	ND	101	70-130	5.59	20	
Surrogate: o-Terphenyl	11.2		"	12.5		89.6	30-150			

DRAFT REPORT

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.



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Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
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