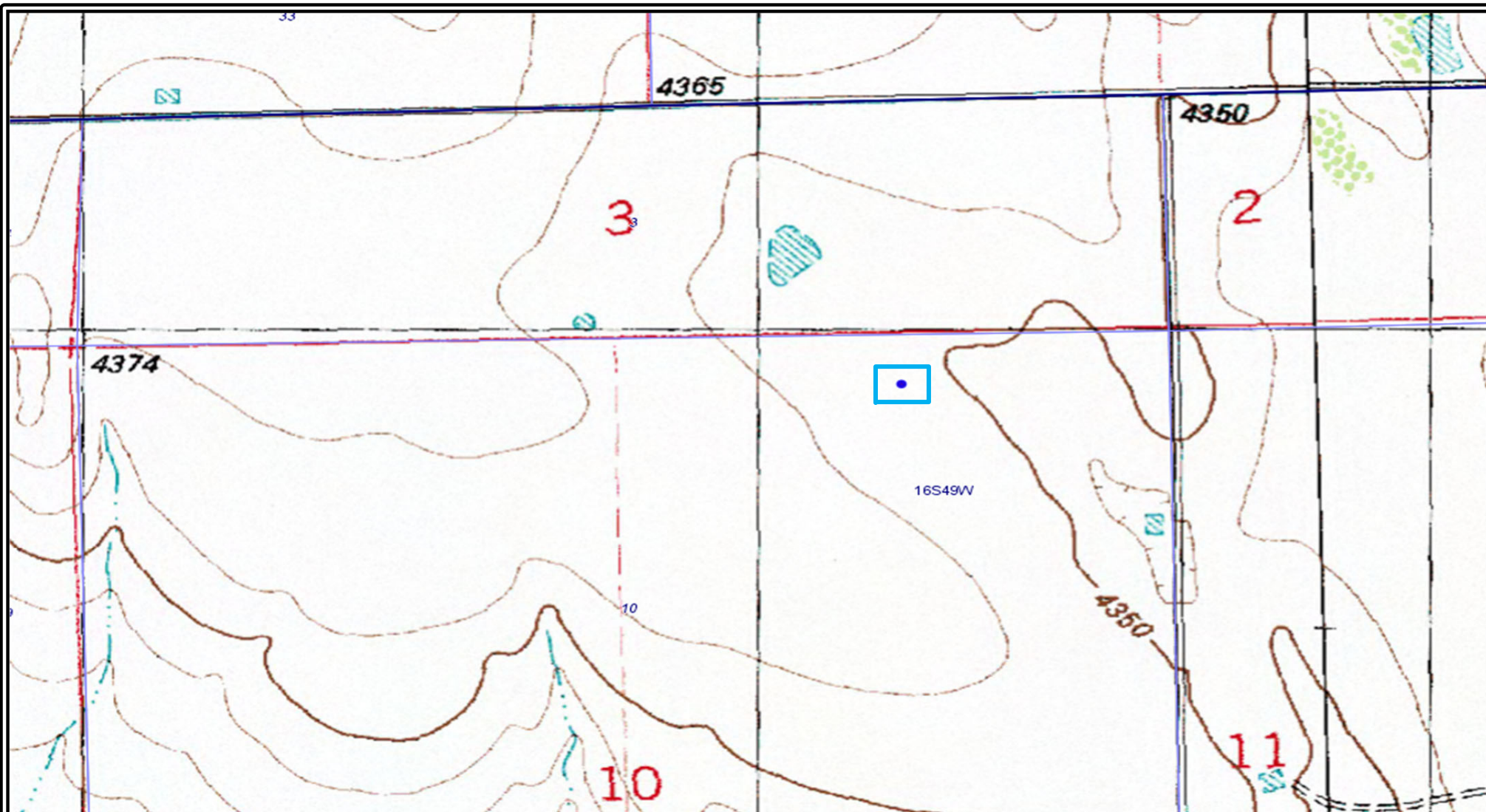




FIGURES

Figure 1: Topographic Site Location Map

Figure 2: Soil Sample Location Map

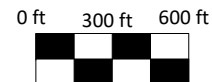


MULL DRILLING COMPANY, INC.
NICOLARSEN-616S49W 10NENE
FACILITY: 381086
NENE S10, T16S R49W, CHEYENNE COUNTY
TOPOGRAPHIC MAP

Legend

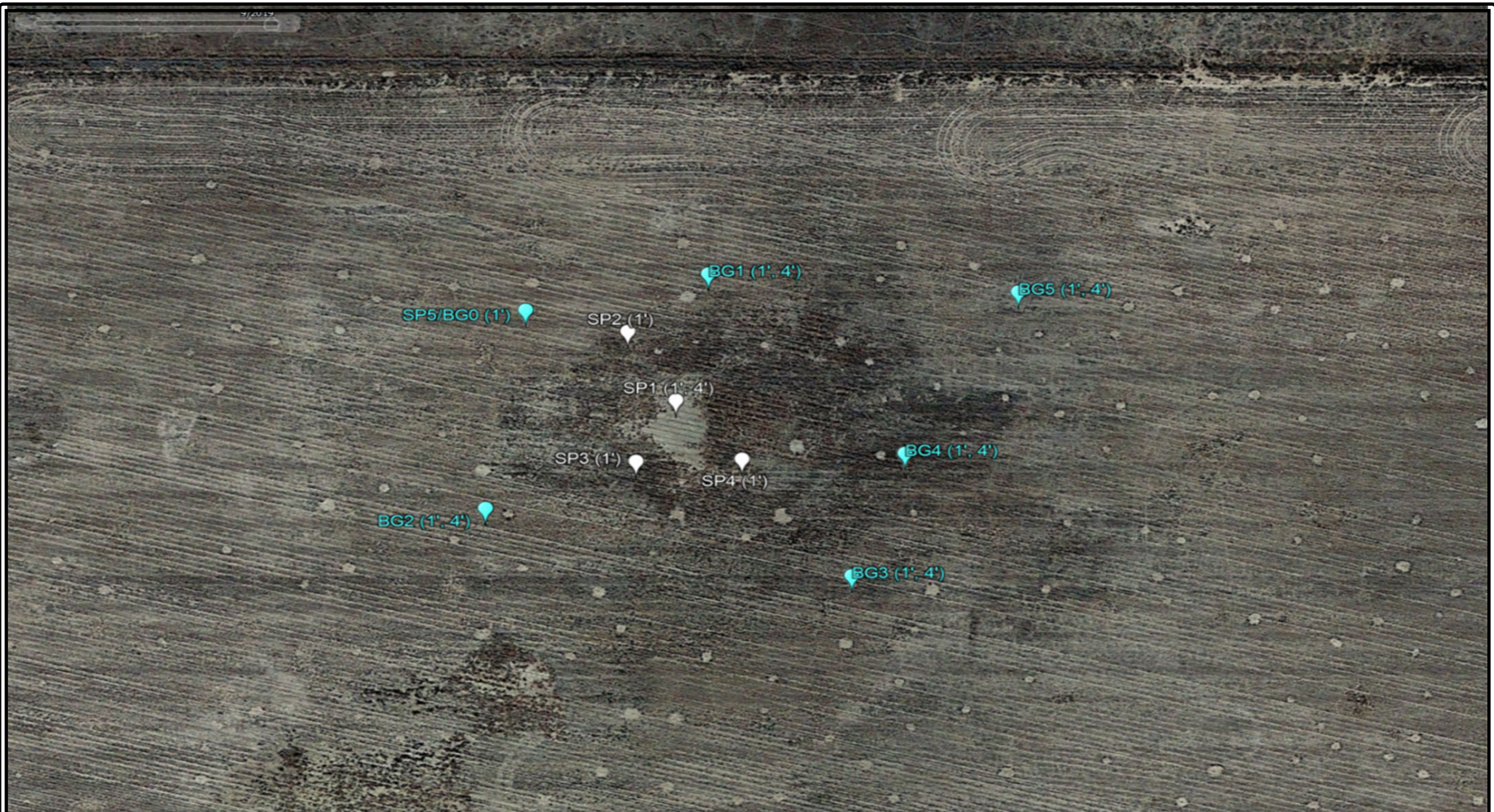


Location Boundary





Prepared By:
Ardor Environmental LLC

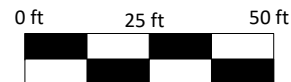
April 8, 2024



MULL DRILLING COMPANY, INC.
NICOLARSEN-616S49W 10NENE
FACILITY: 381086
NENE S10, T16S R49W, CHEYENNE COUNTY
2024 BG SOIL SAMPLE LOCATIONS

Legend

-  2023 Soil Sample Locations
-  2024 Background Samples



Prepared By:
Ardor Environmental LLC

April 8, 2024



TABLES

Table 1: Analytical Results Summary

Nicolarsen Table 915-1			12/5/2022						2/28/2024									
CLEANUP CONCENTRATIONS	Sample Point		SP1	SP1	SP2	SP3	SP4	SP5 (BG0)	BG1	BG1	BG2	BG2	BG3	BG3	BG4	BG4	BG5	BG5
	Depth		1'	4'	1'	1'	1'	1'	1'	4'	1'	4'	1'	4'	1'	4'	1'	4'
Contaminant of Concern	Concentrations		38.686307; -102.882886	38.686307; -102.882886	38.686497; -102.883025	38.686138; -102.883001	38.686144; -102.882695	38.686556; -102.883320	38.686656, -102.882792		38.686008, -102.883436		38.685822, -102.882378		38.686161, -102.882225		38.686606, -102.881897	
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500mg/kg		ND	ND	ND	ND	4.7 J	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PID Readin			0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.2 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.1 ppm	0.2 ppm	0.2 ppm	0.1 ppm	0.2 ppm
Soil Suitability for Reclamation																		
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm		10.4	3.97	2.24	2.55	1.58	0.33	0.277	2.8	0.823	1.35	1.87	5.92	7	8.54	3.02	2.23
Sodium adsorption ratio (SAR) (by saturated paste method)	<6		13.4	12.6	7.32	6.34	9.01	0.268	0.224	0.986	0.868	4.48	2.89	7.19	13.7	13.8	6	6.33
pH (by saturated paste method)	6-8.3		7.37	8.29	8.14	8.01	7.91	7.97	8.44	8.04	8.23	8.39	8.31	8.1	8.13	8.16	8.27	8.38
boron (hot water soluble soil extract)	2mg/l		2.58	2.29	0.865	0.888	0.557	0.202	0.893	2.04	0.743	4.68	1.22	1.26	0.988	2.56	4.21	4.56
Organic Compounds in Groundwater																		
benzene	5µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
toluene	560 to 1,000µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ethylbenzene	700µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
xlenes (sum of o-, m- and p- isomers = total xlenes)	1,400 to 10,000µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
naphthalene	140µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-trimethylbenzene	67µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-trimethylbenzene	67µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Groundwater Inorganic Parameters																		
total dissolved solids (TDS)	<1.25 X local background		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
chloride ion	250mg/l or <1.25 X local background		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate ion	250mg/l or <1.25 X local background		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Soils	Residential Soil Screening Level Concentrations (mg/kg)	Protection of Groundwater Soil Screening Level Concentrations (mg/kg)	SP1	SP1 4'	SP2	SP3	SP4	SP5	BG1	BG1	BG2	BG2	BG3	BG3	BG4	BG4	BG5	BG5
	Depth		1'	4'	1'	1'	1'	1'	1'	4'	1'	4'	1'	4'	1'	4'	1'	4'
Organic Compounds in Soils																		
benzene	1.2	0.0026 (M)	0.0011J	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
toluene	490	0.69 (M)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ethylbenzene	5.8	0.78 (M)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
xlenes (sum of o-, m- and p- isomers = total xlenes)	58	9.9 (M)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-trimethylbenzene	30	0.0081 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-trimethylbenzene	27	0.0087 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
acenaphthene	360	0.55 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
anthracene	1800	5.8 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
benz(a)anthracene	1.1	0.011 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
benzo(b)fluoranthene	1.1	0.3 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
benzo(k)fluoranthene	11	2.9 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
benzo(a)pyrene	0.11	0.24 (M)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
chrysene	110	9 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
dibenzo(a,h)anthracene	0.11	0.096 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
fluoranthene	240	8.9 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
fluorene	240	0.54 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
indeno(1,2,3-cd)pyrene	1.1	0.98 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-methylnaphthalene	18	0.006 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-methylnaphthalene	24	0.019 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
naphthalene	2	0.0038 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pyrene	180	1.3 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals in Soils																		
arsenic	0.68	0.29 (M)	4.1	18.8	3.4	3.5	3.3	3.8	10.7	15	6.08	11.5	3.74	17.8	2.8	3.24	3.32	4.19
barium	15000	82 (M)	57.5	142	66.2	42.9	60.9	78.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cadmium	71	0.38 (M)	0.46J	1.1	0.8	0.31J	0.39J	0.37J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
chromium (VI)	0.3	0.00067 (R)	0.307J	ND	ND	ND	ND	0.526J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
copper	3100	46 (M)	7.4	21.3	5.7	4.6	6.4	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
lead	400	14 (M)	6.2	10.8	5.5	4.9	5.8	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
nickel	1500	26 (R)	7.3	29	6	4.5	7.2	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
selenium	390	0.26 (M)	0.68J	1.7	0.40J	0.44J	0.32J	0.32J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
silver	390	0.8 (R)	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
zinc	23000	370 (R)	32.3	37.8	51.4	18.1	27.5	27.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking

ialyte is present at an estimated concentration between the MDL and Reporting Limit.

antifier "U" indicates analyzed but not detected above the MDL.

ons exceeding ECMC Table 915-1 Residential Soil Screening Level limits, but are within Background results.

trations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, and Background results.

Local Clean-Up Level for Arsenic = 1.25 x 17.8 =

22.25

NICOLARSEN-616S49WW
Facility ID: 381086
Remediation # 25830
MULL DRILLING COMPANY INC.



ATTACHMENT A

Laboratory Analytical Reports

March 25, 2024

Mull Drilling

Trisha Fanning

1700 N Waterfront Pkway Bldg #1200

Wichita

KS

67206

Project Name - Nicolarsen BG

Project Number - [none]

Attached are your analytical results for Nicolarsen BG received by Origins Laboratory, Inc. March 01, 2024. This project is associated with Origins project number Y403011-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita

KS

67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG-01@1'	Y403011-01	Soil	February 28, 2024 13:34	03/01/2024 11:30
BG-01@4'	Y403011-02	Soil	February 28, 2024 13:37	03/01/2024 11:30
BG-02@1'	Y403011-03	Soil	February 28, 2024 13:41	03/01/2024 11:30
BG-02@4'	Y403011-04	Soil	February 28, 2024 13:44	03/01/2024 11:30
BG-03@1'	Y403011-05	Soil	February 28, 2024 13:54	03/01/2024 11:30
BG-03@4'	Y403011-06	Soil	February 28, 2024 13:58	03/01/2024 11:30
BG-04@1'	Y403011-07	Soil	February 28, 2024 14:04	03/01/2024 11:30
BG-04@4'	Y403011-08	Soil	February 28, 2024 14:09	03/01/2024 11:30
BG-05@1'	Y403011-09	Soil	February 28, 2024 14:14	03/01/2024 11:30
BG-05@4'	Y403011-10	Soil	February 28, 2024 14:16	03/01/2024 11:30

Origins Laboratory, Inc.



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.

Mull Drilling

1700 N Waterfront Pkwy Bldg #1200

Wichita

KS

67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

www.originslaboratory.com

4403011

page 1 of 1

ORIGINS
LABORATORY, INC

Client: Mull Drilling

Project Manager: Taylor Caratis

Address: 1700 N Waterfront Pkwy, Bldg #1200

Project Name: Nicolarsen BG

Wichita, KS 67206

Project Number:

Telephone Number: 303-522-6041

Samples Collected By: Taylor Caratis

Email Address: trishafanning@originslaboratory.com

Fax: 303.265.9645 | Phone: 303.433.1322 | Denver, CO 80211 | 1725 Elk Place

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix		Analysis				Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	As	Pb	
BG-01 01'	2/28/24	1334	2	X				X		X				
BG-01 02'		1337												
BG-02 01'		1341												
BG-02 02'		1344												
BG-03 01'		1354												
BG-03 02'		1358												
BG-04 01'		1404												
BG-04 02'		1409												
BG-05 01'		1414												
BG-05 02'		1416												
Relinquished By:	Date:	Time:		Received By:	Date:	Time:		Received By:	Date:	Time:		Turnaround Time:		
Relinquished By:	3/1/24	180		Received By:	3/1/24	180		Received By:	3/1/24	180		Same Day		
												48 Hr		
												72 Hr		
												Standard		

Temp Received- 2 Date Results Needed

Origins Laboratory, Inc.

J. Bynon

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.

Mull Drilling

1700 N Waterfront Pkwy Bldg #1200

Wichita

KS

67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

Origins Laboratory

Sample Receipt Checklist

F-012207-01-R1
Effective Date: 01/09/12

Origins Work Order: Y403011

Client: Mull Drilling

Client Project ID: Nicolarsen BG

Checklist Completed by: EHS

Shipped Via: HO
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 3/1/12

Airbill #: N/A

Matrix(s) Received: (Check all that apply): SD Soil/Solid Water Other: (Describe)

Cooler Number/Temperature: 112 °C 1 °C 1 °C 1 °C

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" 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"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽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"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) 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 and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<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 date, time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-01@1'

2/28/2024 1:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y403011-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.893	0.100	mg/L	1	B4C0807	03/08/2024	03/13/2024
-------	-------	-------	------	---	---------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	1.48	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	0.964	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.44	pH Units	1	B4C0814	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	0.224	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.277	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	10.7	0.255	mg/kg	10	B4C0125	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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.

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-01@1'

2/28/2024 1:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-01 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkwy Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-01@4'

2/28/2024 1:37:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y403011-02 (Soil)

Boron (DTPA Sorbitol)

Boron	2.04	0.101	mg/L	1	B4C0807	03/08/2024	03/13/2024
-------	------	-------	------	---	---------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	24.3	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	21.3	0.823	"	"	"	"	"
Sodium	4.71	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.04		pH Units	1	B4C0814	03/08/2024	03/09/2024
----	------	--	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.986	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
-----	-------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.80	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	15.0	0.260	mg/kg	10	B4C0125	03/01/2024	03/08/2024
---------	------	-------	-------	----	---------	------------	------------

Origins Laboratory, Inc.



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.

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-01@4'

2/28/2024 1:37:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.

Y403011-02 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
----------------------	----	-------	-----	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-02@1'

2/28/2024 1:41:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.743	0.100	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	4.61	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	2.04	0.823	"	"	"	"	"
Sodium	1.58	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.23		pH Units	1	B4C0814	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	0.868	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.823	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	6.08	0.278	mg/kg	10	B4C0125	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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.

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-02@1'

2/28/2024 1:41:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-03 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-02@4'

2/28/2024 1:44:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-04 (Soil)

Boron (DTPA Sorbitol)

Boron	4.68	0.0991	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	2.77	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	5.42	0.823	"	"	"	"	"
Sodium	9.06	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.39		pH Units	1	B4C0814	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	4.48	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.35	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	11.5	0.250	mg/kg	10	B4C0125	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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.

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-02@4'

2/28/2024 1:44:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-04 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-03@1'

2/28/2024 1:54:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-05 (Soil)

Boron (DTPA Sorbitol)

Boron	1.22	0.0989	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	8.14	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	7.80	0.823	"	"	"	"	"
Sodium	8.16	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.31		pH Units	1	B4C0814	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	2.89	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.87	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	3.74	0.258	mg/kg	10	B4C0132	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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.

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-03@1'

2/28/2024 1:54:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-05 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-03@4'

2/28/2024 1:58:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-06 (Soil)

Boron (DTPA Sorbitol)

Boron	1.26	0.0993	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	21.3	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	42.5	0.823	"	"	"	"	"
Sodium	40.6	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.10		pH Units	1	B4C0814	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	7.19	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.92	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	17.8	0.272	mg/kg	10	B4C0132	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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.

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-03@4'

2/28/2024 1:58:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-06 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-04@1'

2/28/2024 2:04:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.988	0.0998	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	12.8	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	30.5	0.823	"	"	"	"	"
Sodium	63.7	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.13		pH Units	1	B4C0814	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	13.7	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.00	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	2.80	0.256	mg/kg	10	B4C0132	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-04@1'

2/28/2024 2:04:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-07 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkwy Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-04@4'

2/28/2024 2:09:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-08 (Soil)

Boron (DTPA Sorbitol)

Boron	2.56	0.0989	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	20.3	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	46.3	0.823	"	"	"	"	"
Sodium	79.5	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.16		pH Units	1	B4C0814	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	13.8	0.0100	SAR	1	B4C0802	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.54	0.00500	mmhos/cm	1	B4C0814	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	3.24	0.286	mg/kg	10	B4C0132	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-04@4'

2/28/2024 2:09:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-08 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739849	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-05@1'

2/28/2024 2:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-09 (Soil)

Boron (DTPA Sorbitol)

Boron	4.21	0.0998	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	8.66	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	13.8	0.823	"	"	"	"	"
Sodium	20.1	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.27		pH Units	1	B4C0815	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	6.00	0.0100	SAR	1	B4C0803	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.02	0.00500	mmhos/cm	1	B4C0815	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	3.32	0.259	mg/kg	10	B4C0132	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-05@1'

2/28/2024 2:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-09 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739852	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkwy Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

BG-05@4'

2/28/2024 2:16:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y403011-10 (Soil)

Boron (DTPA Sorbitol)

Boron	4.56	0.101	mg/L	1	B4C0807	03/08/2024	03/13/2024
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Metals by Saturated Paste by EPA 6010

Calcium	3.30	0.499	meq/L	10	[CALC]	03/08/2024	03/11/2024
Magnesium	8.81	0.823	"	"	"	"	"
Sodium	15.6	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.38		pH Units	1	B4C0815	03/08/2024	03/09/2024
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SAR by 20B Saturated Paste

SAR	6.33	0.0100	SAR	1	B4C0803	03/08/2024	03/11/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.23	0.00500	mmhos/cm	1	B4C0815	03/08/2024	03/09/2024
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Table 915 metals by EPA 6020B

Arsenic	4.19	0.287	mg/kg	10	B4C0132	03/01/2024	03/08/2024
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Origins Laboratory, Inc.



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Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

BG-05@4'

2/28/2024 2:16:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y403011-10 (Soil)

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L739852	02/28/2024	03/22/2024
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Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkwy Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0125 - EPA 3050B										
Blank (B4C0125-BLK1)					Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	ND	0.290	mg/kg							
LCS (B4C0125-BS1)					Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	5.56	0.290	mg/kg	5.00		111	80-120			
Matrix Spike (B4C0125-MS1)					Source: Y403011-02		Prepared: 03/01/2024 Analyzed: 03/08/2024			
Arsenic	19.5	0.265	mg/kg	4.57	15.0	99.8	75-125			
Matrix Spike Dup (B4C0125-MSD1)					Source: Y403011-02		Prepared: 03/01/2024 Analyzed: 03/08/2024			
Arsenic	19.4	0.255	mg/kg	4.39	15.0	101	75-125	0.690	20	
Batch B4C0132 - EPA 3050B										
Blank (B4C0132-BLK1)					Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	ND	0.290	mg/kg							
LCS (B4C0132-BS1)					Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	5.66	0.290	mg/kg	5.00		113	80-120			
Matrix Spike (B4C0132-MS1)					Source: Y403011-05		Prepared: 03/01/2024 Analyzed: 03/08/2024			
Arsenic	8.84	0.271	mg/kg	4.67	3.74	109	75-125			
Matrix Spike Dup (B4C0132-MSD1)					Source: Y403011-05		Prepared: 03/01/2024 Analyzed: 03/08/2024			
Arsenic	8.78	0.284	mg/kg	4.89	3.74	103	75-125	0.639	20	

Origins Laboratory, Inc.



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.

Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

Classical Chemistry Parameters - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0802 - Saturated Paste Metals

Blank (B4C0802-BLK1)

Prepared: 03/08/2024 Analyzed: 03/11/2024

Calcium PPM	ND	10.0	mg/L
SAR	ND	0.0100	SAR
Magnesium PPM	ND	10.0	mg/L
Sodium PPM	ND	10.0	"

Duplicate (B4C0802-DUP1)

Source: Y402771-01

Prepared: 03/08/2024 Analyzed: 03/11/2024

SAR	ND	0.0100	SAR	1.63		200
Calcium PPM	30.4	10.0	mg/L	31.2	2.60	50
Magnesium PPM	8.96	10.0	"	8.65	3.52	50
Sodium PPM	40.3	10.0	"	39.9	0.998	50

Batch B4C0803 - Saturated Paste Metals

Blank (B4C0803-BLK1)

Prepared: 03/08/2024 Analyzed: 03/11/2024

SAR	ND	0.0100	SAR
Calcium PPM	ND	10.0	mg/L
Magnesium PPM	ND	10.0	"
Sodium PPM	ND	10.0	"

Duplicate (B4C0803-DUP1)

Source: Y403011-09

Prepared: 03/08/2024 Analyzed: 03/11/2024

SAR	ND	0.0100	SAR	6.00		200
Calcium PPM	194	10.0	mg/L	174	11.3	50
Magnesium PPM	167	10.0	"	168	0.507	50
Sodium PPM	421	10.0	"	463	9.48	50

Batch B4C0807 - DTPA Sorbitol Preparation

Blank (B4C0807-BLK1)

Prepared: 03/08/2024 Analyzed: 03/13/2024

Origins Laboratory, Inc.



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Mull Drilling

1700 N Waterfront Pkwy Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

Classical Chemistry Parameters - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0807 - DTPA Sorbitol Preparation										
Blank (B4C0807-BLK1)					Prepared: 03/08/2024 Analyzed: 03/13/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4C0807-DUP1)					Source: Y402748-01 Prepared: 03/08/2024 Analyzed: 03/13/2024					
Boron	0.142	0.100	mg/L		0.115			20.9	50	

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Mull Drilling
1700 N Waterfront Pkway Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4C0814 - Saturated Paste pH/EC

Blank (B4C0814-BLK1)

Prepared: 03/08/2024 Analyzed: 03/09/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4C0814-DUP1)

Source: Y402771-01

Prepared: 03/08/2024 Analyzed: 03/09/2024

pH	8.15		pH Units	8.22		0.855	25
Specific Conductance (EC)	0.458	0.00500	mmhos/cm	0.443		3.31	25

Batch B4C0815 - Saturated Paste pH/EC

Blank (B4C0815-BLK1)

Prepared: 03/08/2024 Analyzed: 03/09/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4C0815-DUP1)

Source: Y403011-09

Prepared: 03/08/2024 Analyzed: 03/09/2024

Specific Conductance (EC)	2.90	0.00500	mmhos/cm	3.02		4.04	25
pH	8.26		pH Units	8.27		0.121	25

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Mull Drilling
1700 N Waterfront Pkwy Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

Total Metals by 7196A - Quality Control Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L739852 -										
DUP (L 85856-DUP)		Source: Y403011-10			Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
MS (L 85856-MS)		Source: Y403011-10			Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	33.1	2.5	mg/Kg	39.6	< 0.244	84	75-125			
LCS (LCS)					Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	6.8	0.5	mg/Kg	8		85	75-125			
LRB (LRB)					Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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Mull Drilling
1700 N Waterfront Pkwy Bldg #1200
Wichita KS 67206

Trisha Fanning
Project Number: [none]
Project: Nicolarsen BG

Total Metals by 7196A - Quality Control Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L739849 -										
DUP (L 85854-DUP)		Source: Y403011-08			Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
MS (L 85854-MS)		Source: Y403011-08			Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	31.6	2.5	mg/Kg	39.5	< 0.244	80	75-125			
LCS (LCS)					Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	6.49	0.5	mg/Kg	8		81	75-125			
LRB (LRB)					Prepared: Analyzed: 03/22/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Nicolarsen BG

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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