



Fremont Environmental

Ethan Black

8305 6th St, PO Box 1289

Wellington

CO

80549

September 11, 2025

Project Name - Noble - Furrow USX AB 15-99HZ

Project Number - 30076

Attached are your analytical results for Noble - Furrow USX AB 15-99HZ received by Origins Laboratory August 27, 2025. This project is associated with Origins project number E5H0619-01.

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
303.433.1322
projectmanager@originslab.com



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



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
99FL03 3Ft	E5H0619-01	Soil	August 27, 2025 11:00	08/27/2025 17:39
99FL04 3Ft	E5H0619-02	Soil	August 27, 2025 11:15	08/27/2025 17:39
99FL05 3Ft	E5H0619-03	Soil	August 27, 2025 11:30	08/27/2025 17:39
BKG6 3Ft	E5H0619-04	Soil	August 27, 2025 11:45	08/27/2025 17:39
BKG6 6Ft	E5H0619-05	Soil	August 27, 2025 12:00	08/27/2025 17:39
BKG7 3Ft	E5H0619-06	Soil	August 27, 2025 12:15	08/27/2025 17:39
BKG7 6Ft	E5H0619-07	Soil	August 27, 2025 12:30	08/27/2025 17:39
BKG8 3Ft	E5H0619-08	Soil	August 27, 2025 12:45	08/27/2025 17:39
BKG8 6Ft	E5H0619-09	Soil	August 27, 2025 13:00	08/27/2025 17:39
BKG9 3Ft	E5H0619-10	Soil	August 27, 2025 13:15	08/27/2025 17:39
BKG9 6Ft	E5H0619-11	Soil	August 27, 2025 13:30	08/27/2025 17:39
BKG10 3Ft	E5H0619-12	Soil	August 27, 2025 13:45	08/27/2025 17:39
BKG10 6Ft	E5H0619-13	Soil	August 27, 2025 14:00	08/27/2025 17:39

Origins Laboratory

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ORIGINS LABORATORY

Fremont Environmental
8305 6th St, PO Box 1289
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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

ORIGINS
LABORATORY

ESTD 2019

Page 1 of 2

Client: Fremont Env
Address: _____

Project Manager: Elmer Black
Project Name: Noble - Furrow USX AB 15-99HZ
Key: _____

Telephone Number: 814-483-2088
Email Address: CWheather@hvsanalytical.com

Collected By: Jason S. Hiles
Invoice Billing Info: Local Direct Charge
SW=Surface Water
WW=Waste Water

S=Soil SO=Solid O=Oil A=Air G=Gases U=Ungates HCL=Hydrochloric HNO3=Nitric H2SO4=Sulfuric NaOH=Sodium Hydroxide L=Liquid

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis	Comments
99FL05 3FL	8/27/25	11:00	3 Soil	N/A	None		
99FL04 3FL	8/27/25	11:15	1				
49FL05 3FL	8/27/25	11:30	1				
BK6 6 3FL	8/27/25	11:45	1				
BK6 6 6FL	8/27/25	12:00	1				
BK6 7 3FL	8/27/25	12:15	1				
BK6 7 6FL	8/27/25	12:30	1				
BK6 8 3FL	8/27/25	12:45	1				
BK6 8 6FL	8/27/25	13:00	1				
BK6 9 3FL	8/27/25	13:15	1				

Relinquished By: Jason S. Hiles Date: 8/27/25 Time: 15:30 Received By: TEH Date: 8/27/25 Time: 15:40
Relinquished By: TEH Date: 8/27/25 Time: 17:39 Received By: NKH Date: 08/27/25 Time: 17:39
Temp Received: 4.2°C Received On Ice? ☒ Yes ☐ No
☒ Standard ☐ 48 Hr ☐ 72 Hr
☐ SAME ☐ 24 Hr
Turnaround Time

Origins Laboratory

EHO

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: 30076

Project: Noble - Furrow USX AB 15-99HZ

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: EST10619

Client: Fremont / Noble

Client Project ID: Furrow USX AB 15-99 HZ

Checklist Completed by: NB / Jmc

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

Date/time completed: 8 / 28 / 25

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____

Cooler Number/Temperature: 1 / 4.2 °C (Describe)

Thermometer ID: 1007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	☒	☐	☐	
Is there ice present (document if blue ice is used)	☒	☐	☐	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	☐	☒	☐	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	☐	☒	☐	
Were all samples received intact ⁽¹⁾ ?	☒	☐	☐	
Was adequate sample volume provided ⁽¹⁾ ?	☒	☐	☐	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	☐	☒	☐	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	☒	☐	☐	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	☒	☐	☐	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	☒	☐	☐	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	☒	☐	☐	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	☐	☐	☒	
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)	☐	☐	☒	
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) [Signature]

9/12/25
Date/Time Reviewed

Origins Laboratory

[Signature]

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

99FL03 3Ft

8/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-01 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.132		0.104	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		26.0	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		104	"	"	"	"	"	U

Surrogate: o-Terphenyl	95.2 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2912	08/29/2025	08/31/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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99FL03 3Ft

8/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-01 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.208	mg/kg dry	1	B5H2912	08/29/2025	08/31/2025	U
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Surrogate: 1,2-Dichloroethane-d4	93.8 %		70-130	"	"	"	"	"
Surrogate: Toluene-d8	92.4 %		70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	92.4 %		70-130	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.44	0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	ND	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2924	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.021	"	"	"	"	"	U
Anthracene	ND	0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.021	"	"	"	"	"	U

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Project: Noble - Furrow USX AB 15-99HZ

99FL03 3Ft

8/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-01 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND	0.021	mg/kg dry	1	B5H2924	08/29/2025	08/29/2025	U
Dibenz (a,h) anthracene	ND	0.021	"	"	"	"	"	U
Fluoranthene	ND	0.021	"	"	"	"	"	U
Fluorene	ND	0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.021	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	103 %	60-130	"	"	"
Surrogate: Anthracene-d10	100 %	60-130	"	"	"
Surrogate: Pyrene-d10	99.1 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	97.2 %	60-130	"	"	"

Percent Solids

Total Solids, Percent	96.2	mass percent	1	B5H2939	08/29/2025	09/02/2025
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pH in Soil by 9045D

pH	7.82	pH Units	1	B5H2822	08/28/2025	08/30/2025
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SAR by 20B Saturated Paste

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99FL03 3Ft

8/27/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0619-01 (Soil) Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.192		0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.178		0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.09		0.201	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	85.3		56.6	"	"	"	"	"	
Cadmium	ND		0.262	"	"	"	"	"	U
Copper	ND		31.8	"	"	"	"	"	U
Lead	ND		9.67	"	"	"	"	"	U
Nickel	ND		18.0	"	"	"	"	"	U
Selenium	ND		0.170	"	"	"	"	"	U
Silver	ND		0.552	"	"	"	"	"	U
Zinc	ND		255	"	"	"	"	"	U

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Fremont Environmental
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Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

99FL04 3Ft

8/27/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-02 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.703	0.107	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	26.6	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND	106	"	"	"	"	"	U

Surrogate: o-Terphenyl	66.4 %	50-150	"	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.002	mg/kg dry	1	B5H2912	08/29/2025	08/31/2025	U
1,3,5-Trimethylbenzene	ND	0.002	"	"	"	"	"	U
Benzene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Toluene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U

Origins Laboratory

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Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

99FL04 3Ft

8/27/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-02 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.213	mg/kg dry	1	B5H2912	08/29/2025	08/31/2025	U
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Surrogate: 1,2-Dichloroethane-d4	95.9 %		70-130	"	"	"	"	"
Surrogate: Toluene-d8	92.9 %		70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	90.8 %		70-130	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	0.541	0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	0.936	0.823	"	"	"	"	"	
Sodium	9.28	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2924	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.021	"	"	"	"	"	U
Anthracene	ND	0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.021	"	"	"	"	"	U

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Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

99FL04 3Ft

8/27/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-02 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND	0.021	mg/kg dry	1	B5H2924	08/29/2025	08/29/2025	U
Dibenz (a,h) anthracene	ND	0.021	"	"	"	"	"	U
Fluoranthene	ND	0.021	"	"	"	"	"	U
Fluorene	ND	0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.021	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	104 %	60-130	"	"	"
Surrogate: Anthracene-d10	99.3 %	60-130	"	"	"
Surrogate: Pyrene-d10	101 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	97.5 %	60-130	"	"	"

Percent Solids

Total Solids, Percent	93.9	mass percent	1	B5H2939	08/29/2025	09/02/2025
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pH in Soil by 9045D

pH	8.60	pH Units	1	B5H2822	08/28/2025	08/30/2025
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SAR by 20B Saturated Paste

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

99FL04 3Ft

8/27/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-02 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	10.8	0.0100	SAR	1	B5H2821	08/28/2025	09/02/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.01	0.00500	mmhos/cm	1	B5H2822	08/28/2025	08/30/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.75	0.208	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	163	58.6	"	"	"	"	"	
Cadmium	0.293	0.272	"	"	"	"	"	
Copper	ND	32.9	"	"	"	"	"	U
Lead	11.6	10.0	"	"	"	"	"	
Nickel	ND	18.6	"	"	"	"	"	U
Selenium	0.458	0.176	"	"	"	"	"	
Silver	ND	0.572	"	"	"	"	"	U
Zinc	ND	264	"	"	"	"	"	U

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

99FL05 3Ft

8/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-03 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.18	0.35	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.259		0.116	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		29.0	mg/kg dry	1	B5H2832	08/28/2025	08/29/2025	U
Residual Range Organics (C28-C36)	ND		116	"	"	"	"	"	U

Surrogate: o-Terphenyl	68.0 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H2912	08/29/2025	08/31/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	0.004		0.002	"	"	"	"	"	
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

99FL05 3Ft

8/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-03 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.232	mg/kg dry	1	B5H2912	08/29/2025	08/31/2025	U
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Surrogate: 1,2-Dichloroethane-d4	92.6 %		70-130	"	"	"	"	"
Surrogate: Toluene-d8	93.3 %		70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	91.0 %		70-130	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.93	0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	0.973	0.823	"	"	"	"	"	
Sodium	0.615	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2924	08/29/2025	08/29/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.023	"	"	"	"	"	U
Anthracene	ND	0.023	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.006	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.023	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.023	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.023	"	"	"	"	"	U

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Project: Noble - Furrow USX AB 15-99HZ

99FL05 3Ft

8/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-03 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND	0.023	mg/kg dry	1	B5H2924	08/29/2025	08/29/2025	U
Dibenz (a,h) anthracene	ND	0.023	"	"	"	"	"	U
Fluoranthene	ND	0.023	"	"	"	"	"	U
Fluorene	ND	0.023	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.023	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.023	"	"	"	"	"	U

Surrogate: Fluorene-d10	104 %	60-130	"	"	"
Surrogate: Anthracene-d10	101 %	60-130	"	"	"
Surrogate: Pyrene-d10	101 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	96.2 %	60-130	"	"	"

Percent Solids

Total Solids, Percent	86.1	mass percent	1	B5H2939	08/29/2025	09/02/2025
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pH in Soil by 9045D

pH	8.12	pH Units	1	B5H2824	08/28/2025	08/30/2025
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SAR by 20B Saturated Paste

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99FL05 3Ft

8/27/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-03 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	0.510	0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.357	0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.63	0.229	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	127	64.6	"	"	"	"	"	
Cadmium	ND	0.299	"	"	"	"	"	U
Copper	ND	36.2	"	"	"	"	"	U
Lead	ND	11.0	"	"	"	"	"	U
Nickel	ND	20.5	"	"	"	"	"	U
Selenium	ND	0.194	"	"	"	"	"	U
Silver	ND	0.630	"	"	"	"	"	U
Zinc	ND	292	"	"	"	"	"	U

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BKG6 3Ft

8/27/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0619-04 (Soil)
Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.183		0.104	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	95.6			mass percent	1	B5H2939	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	7.45			pH Units	1	B5H2824	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	0.146		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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8/27/2025 11:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-04 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0859	0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025
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Table 915 metals by EPA 6020B

Arsenic	4.39	0.200	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025
Barium	77.1	56.3	"	"	"	"	"
Cadmium	ND	0.261	"	"	"	"	U
Copper	ND	31.6	"	"	"	"	U
Lead	ND	9.62	"	"	"	"	U
Nickel	ND	17.9	"	"	"	"	U
Selenium	ND	0.169	"	"	"	"	U
Silver	ND	0.550	"	"	"	"	U
Zinc	ND	254	"	"	"	"	U

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8/27/2025 12:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0619-05 (Soil)
Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.158		0.107	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	0.768		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.11		0.435	"	"	"	"	"	

Percent Solids

Total Solids, Percent	93.2			mass percent	1	B5H2931	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.35			pH Units	1	B5H2824	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	1.52		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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8/27/2025 12:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-05 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.228	0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025
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Table 915 metals by EPA 6020B

Arsenic	4.51	0.218	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025
Barium	85.3	61.5	"	"	"	"	"
Cadmium	ND	0.285	"	"	"	"	U
Copper	ND	34.5	"	"	"	"	U
Lead	11.8	10.5	"	"	"	"	"
Nickel	ND	19.5	"	"	"	"	U
Selenium	ND	0.185	"	"	"	"	U
Silver	ND	0.600	"	"	"	"	U
Zinc	ND	278	"	"	"	"	U

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8/27/2025 12:15:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-06 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.462		0.111	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	1.53		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	2.10		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	89.7			mass percent	1	B5H2931	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.19			pH Units	1	B5H2824	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	1.98		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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8/27/2025 12:15:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-06 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.507	0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025
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Table 915 metals by EPA 6020B

Arsenic	3.95	0.232	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025
Barium	163	65.4	"	"	"	"	"
Cadmium	ND	0.303	"	"	"	"	U
Copper	ND	36.7	"	"	"	"	U
Lead	12.3	11.2	"	"	"	"	"
Nickel	ND	20.7	"	"	"	"	U
Selenium	ND	0.196	"	"	"	"	U
Silver	ND	0.638	"	"	"	"	U
Zinc	ND	295	"	"	"	"	U

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8/27/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-07 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.18	0.34	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.775		0.112	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	5.21		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	2.26		0.823	"	"	"	"	"	"
Sodium	4.51		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	89.0			mass percent	1	B5H2931	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.08			pH Units	1	B5H2824	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	2.33		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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8/27/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0619-07 (Soil) Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.18		0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	5.23		0.228	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	96.0		64.3	"	"	"	"	"	
Cadmium	0.328		0.298	"	"	"	"	"	
Copper	ND		36.1	"	"	"	"	"	U
Lead	18.0		11.0	"	"	"	"	"	
Nickel	ND		20.4	"	"	"	"	"	U
Selenium	ND		0.193	"	"	"	"	"	U
Silver	ND		0.628	"	"	"	"	"	U
Zinc	ND		290	"	"	"	"	"	U

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BKG8 3Ft

8/27/2025 12:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0619-08 (Soil) Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.483		0.111	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.16		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	89.9			mass percent	1	B5H2931	08/29/2025	09/02/2025	
pH in Soil by 9045D									
pH	7.81			pH Units	1	B5H2824	08/28/2025	08/30/2025	
SAR by 20B Saturated Paste									
SAR	1.77		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	

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Project: Noble - Furrow USX AB 15-99HZ

BKG8 3Ft
8/27/2025 12:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0619-08 (Soil) Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.174		0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	4.68		0.224	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	140		63.2	"	"	"	"	"	
Cadmium	0.356		0.293	"	"	"	"	"	
Copper	ND		35.4	"	"	"	"	"	U
Lead	16.0		10.8	"	"	"	"	"	
Nickel	ND		20.0	"	"	"	"	"	U
Selenium	ND		0.189	"	"	"	"	"	U
Silver	ND		0.616	"	"	"	"	"	U
Zinc	ND		285	"	"	"	"	"	U

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BKG8 6Ft

8/27/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0619-09 (Soil)
Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.391		0.110	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	4.78		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	3.18		0.823	"	"	"	"	"	"
Sodium	6.66		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	90.3			mass percent	1	B5H2931	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	7.80			pH Units	1	B5H2824	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	3.34		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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Project: Noble - Furrow USX AB 15-99HZ

BKG8 6Ft

8/27/2025 1:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-09 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.35	0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025
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Table 915 metals by EPA 6020B

Arsenic	4.27	0.219	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025
Barium	ND	61.7	"	"	"	"	U
Cadmium	ND	0.286	"	"	"	"	U
Copper	ND	34.6	"	"	"	"	U
Lead	11.2	10.5	"	"	"	"	"
Nickel	ND	19.6	"	"	"	"	U
Selenium	0.227	0.185	"	"	"	"	"
Silver	ND	0.602	"	"	"	"	U
Zinc	ND	278	"	"	"	"	U

Origins Laboratory

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG9 3Ft

8/27/2025 1:15:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0619-10 (Soil)
Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.281		0.103	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	1.37		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.694		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	96.8			mass percent	1	B5H2931	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.18			pH Units	1	B5H2824	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	0.670		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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Fremont Environmental
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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG9 3Ft

8/27/2025 1:15:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-10 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.299	0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025
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Table 915 metals by EPA 6020B

Arsenic	5.36	0.204	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025
Barium	119	57.7	"	"	"	"	"
Cadmium	ND	0.267	"	"	"	"	U
Copper	ND	32.4	"	"	"	"	U
Lead	ND	9.85	"	"	"	"	U
Nickel	ND	18.3	"	"	"	"	U
Selenium	ND	0.173	"	"	"	"	U
Silver	ND	0.563	"	"	"	"	U
Zinc	ND	260	"	"	"	"	U

Origins Laboratory

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Fremont Environmental
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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG9 6Ft

8/27/2025 1:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-11 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	2.94		0.110	mg/L dry	1	B5H2819	08/28/2025	09/03/2025	
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Metals by Saturated Paste by EPA 6010

Calcium	8.69		0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025	
Magnesium	26.4		0.823	"	"	"	"	"	"
Sodium	65.7		0.435	"	"	"	"	"	"

Percent Solids

Total Solids, Percent	91.4			mass percent	1	B5H2931	08/29/2025	09/02/2025	
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pH in Soil by 9045D

pH	8.22			pH Units	1	B5H2824	08/28/2025	08/30/2025	
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SAR by 20B Saturated Paste

SAR	15.7		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
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Fremont Environmental
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Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG9 6Ft

8/27/2025 1:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-11 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.00	0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025
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Table 915 metals by EPA 6020B

Arsenic	3.91	0.224	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025
Barium	68.2	63.3	"	"	"	"	"
Cadmium	ND	0.293	"	"	"	"	U
Copper	ND	35.5	"	"	"	"	U
Lead	15.5	10.8	"	"	"	"	"
Nickel	ND	20.1	"	"	"	"	U
Selenium	0.437	0.190	"	"	"	"	"
Silver	ND	0.617	"	"	"	"	U
Zinc	ND	285	"	"	"	"	U

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Fremont Environmental
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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG10 3Ft

8/27/2025 1:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0619-12 (Soil)
Enthalpy Orange**

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND	0.103	mg/L dry	1	B5H2820	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.268	0.103	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.54	0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

Percent Solids

Total Solids, Percent	96.8	mass percent	1	B5H2931	08/29/2025	09/02/2025
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pH in Soil by 9045D

pH	8.08	pH Units	1	B5H2824	08/28/2025	08/30/2025
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SAR by 20B Saturated Paste

Origins Laboratory

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG10 3Ft

8/27/2025 1:45:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0619-12 (Soil) Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.0937		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.231		0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	3.46		0.210	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	80.8		59.2	"	"	"	"	"	
Cadmium	ND		0.274	"	"	"	"	"	U
Copper	ND		33.2	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.8	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.578	"	"	"	"	"	U
Zinc	ND		267	"	"	"	"	"	U

Origins Laboratory

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG10 6Ft
8/27/2025 2:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0619-13 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	381108	09/04/2025	09/08/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	ND	0.103	mg/L dry	1	B5H2820	08/28/2025	09/02/2025	U
(DTPA Sorbitol) Boron	0.178	0.103	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	08/28/2025	09/02/2025
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.704	0.435	"	"	"	"	"

Percent Solids

Total Solids, Percent	97.9	mass percent	1	B5H2931	08/29/2025	09/02/2025
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pH in Soil by 9045D

pH	8.69	pH Units	1	B5H2824	08/28/2025	08/30/2025
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SAR by 20B Saturated Paste

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Fremont Environmental
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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

BKG10 6Ft

8/27/2025 2:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0619-13 (Soil) Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.923		0.0100	SAR	1	B5H2823	08/28/2025	09/02/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.195		0.00500	mmhos/cm	1	B5H2824	08/28/2025	08/30/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.81		0.210	mg/kg dry	10	B5I0223	09/02/2025	09/05/2025	
Barium	ND		59.4	"	"	"	"	"	U
Cadmium	ND		0.275	"	"	"	"	"	U
Copper	ND		33.3	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.8	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.579	"	"	"	"	"	U
Zinc	ND		268	"	"	"	"	"	U

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Fremont Environmental
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Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

*** DEFAULT GENERAL METHOD *** - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2931 - % Solids

Duplicate (B5H2931-DUP1)

Source: E5H0619-05

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	93.2	mass percent	93.2	0.0433	20
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Duplicate (B5H2931-DUP2)

Source: E5H0619-06

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	89.9	mass percent	89.7	0.164	20
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Batch B5H2939 - % Solids

Duplicate (B5H2939-DUP1)

Source: E5H0614-17

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	95.3	mass percent	95.5	0.143	20
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Duplicate (B5H2939-DUP2)

Source: E5H0614-18

Prepared: 08/29/2025 Analyzed: 09/02/2025

Total Solids, Percent	92.4	mass percent	92.3	0.0865	20
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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5H2819 - DTPA Sorbitol Preparation										
Blank (B5H2819-BLK1)					Prepared: 08/28/2025 Analyzed: 09/03/2025					
(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
Duplicate (B5H2819-DUP1)					Source: E5H0615-01 Prepared: 08/28/2025 Analyzed: 09/03/2025					
(DTPA Sorbitol) Boron	0.119	0.110	mg/L dry		0.118			0.372	50	
Batch B5H2820 - DTPA Sorbitol Preparation										
Blank (B5H2820-BLK1)					Prepared: 08/28/2025 Analyzed: 09/02/2025					
(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
Duplicate (B5H2820-DUP1)					Source: E5H0619-12 Prepared: 08/28/2025 Analyzed: 09/02/2025					
(DTPA Sorbitol) Boron	0.285	0.103	mg/L dry		0.268			6.13	50	
Batch B5H2821 - Saturated Paste Metals										
Blank (B5H2821-BLK1)					Prepared: 08/28/2025 Analyzed: 09/02/2025					
SAR	ND	0.0100	SAR							U
Calcium PPM	ND	10.0	mg/L							U
Magnesium PPM	ND	10.0	"							U
Sodium PPM	ND	10.0	"							U
Duplicate (B5H2821-DUP1)					Source: E5H0614-15 Prepared: 08/28/2025 Analyzed: 09/02/2025					
SAR	ND	0.0100	SAR		0.166				200	U
Calcium PPM	23.0	10.0	mg/L		23.7			3.17	50	
Magnesium PPM	22.2	10.0	"		21.5			3.20	50	
Sodium PPM	4.61	10.0	"		4.65			0.864	50	U

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2823 - Saturated Paste Metals

Blank (B5H2823-BLK1)

Prepared: 08/28/2025 Analyzed: 09/02/2025

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

Duplicate (B5H2823-DUP1)

Source: E5H0619-03

Prepared: 08/28/2025 Analyzed: 09/02/2025

Calcium PPM	32.6	10.0	mg/L		38.7			16.9	50	
SAR	ND	0.0100	SAR		0.510				200	U
Magnesium PPM	10.6	10.0	mg/L		11.8			11.2	50	
Sodium PPM	15.0	10.0	"		14.1			5.84	50	

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2924 - EPA 3580

Blank (B5H2924-BLK1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	ND	0.002	mg/kg wet							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Pyrene	ND	0.020	"							U

Surrogate: Fluorene-d10	210		ug/kg	200	103	60-130
Surrogate: Anthracene-d10	200		"	200	99.7	60-130
Surrogate: Pyrene-d10	200		"	200	97.8	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200	98.1	60-130

LCS (B5H2924-BS1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	0.196	0.002	mg/kg wet	0.200	98.2	70-130
2-Methylnaphthalene	0.200	0.002	"	0.200	99.8	70-130
Acenaphthene	0.196	0.020	"	0.200	98.0	70-130
Anthracene	0.194	0.020	"	0.200	96.8	70-130
Benzo (a) anthracene	0.195	0.005	"	0.200	97.5	70-130
Benzo (a) pyrene	0.186	0.020	"	0.200	92.9	70-130

Origins Laboratory

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8305 6th St, PO Box 1289
Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2924 - EPA 3580

LCS (B5H2924-BS1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

Benzo (b) fluoranthene	0.181	0.020	mg/kg wet	0.200		90.5	70-130
Benzo (g,h,i) perylene	0.183	0.020	"	0.200		91.4	70-130
Benzo (k) fluoranthene	0.188	0.020	"	0.200		94.1	70-130
Chrysene	0.192	0.020	"	0.200		95.9	70-130
Dibenz (a,h) anthracene	0.179	0.020	"	0.200		89.6	70-130
Fluoranthene	0.195	0.020	"	0.200		97.7	70-130
Fluorene	0.192	0.020	"	0.200		95.9	70-130
Indeno (1,2,3-cd) pyrene	0.181	0.020	"	0.200		90.6	70-130
Naphthalene	0.198	0.002	"	0.200		99.1	70-130
Phenanthrene	0.199	0.020	"	0.200		99.3	70-130
Pyrene	0.194	0.020	"	0.200		96.9	70-130

Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130
Surrogate: Anthracene-d10	200		"	200		98.6	60-130
Surrogate: Pyrene-d10	200		"	200		98.8	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.3	60-130

Matrix Spike (B5H2924-MS1)

Source: E5H0609-01

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	0.212	0.002	mg/kg dry	0.209	0.0007	101	70-130
2-Methylnaphthalene	0.212	0.002	"	0.209	ND	101	70-130
Acenaphthene	0.209	0.021	"	0.209	ND	100	70-130
Anthracene	0.204	0.021	"	0.209	ND	97.8	70-130
Benzo (a) anthracene	0.204	0.005	"	0.209	ND	97.6	70-130
Benzo (a) pyrene	0.200	0.021	"	0.209	0.0004	95.4	70-130
Benzo (b) fluoranthene	0.199	0.021	"	0.209	ND	95.4	70-130
Benzo (g,h,i) perylene	0.190	0.021	"	0.209	0.0008	90.8	70-130
Benzo (k) fluoranthene	0.202	0.021	"	0.209	ND	96.6	70-130
Chrysene	0.203	0.021	"	0.209	0.0006	97.0	70-130

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8305 6th St, PO Box 1289
Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2924 - EPA 3580

Matrix Spike (B5H2924-MS1)				Source: E5H0609-01		Prepared: 08/29/2025 Analyzed: 08/29/2025				
Dibenz (a,h) anthracene	0.194	0.021	mg/kg dry	0.209	0.001	92.3	70-130			
Fluoranthene	0.204	0.021	"	0.209	0.0007	97.6	70-130			
Fluorene	0.209	0.021	"	0.209	ND	99.9	70-130			
Indeno (1,2,3-cd) pyrene	0.197	0.021	"	0.209	0.002	93.6	70-130			
Naphthalene	0.209	0.002	"	0.209	ND	100	70-130			
Phenanthrene	0.208	0.021	"	0.209	ND	99.5	70-130			
Pyrene	0.210	0.021	"	0.209	0.0008	100	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	200		"	200		97.7	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Matrix Spike Dup (B5H2924-MSD1)				Source: E5H0609-01		Prepared: 08/29/2025 Analyzed: 08/29/2025				
1-Methylnaphthalene	0.207	0.002	mg/kg dry	0.209	0.0007	98.8	70-130	2.34	20	
2-Methylnaphthalene	0.205	0.002	"	0.209	ND	98.4	70-130	3.05	20	
Acenaphthene	0.206	0.021	"	0.209	ND	98.8	70-130	1.40	20	
Anthracene	0.207	0.021	"	0.209	ND	99.2	70-130	1.41	20	
Benzo (a) anthracene	0.200	0.005	"	0.209	ND	95.7	70-130	1.94	20	
Benzo (a) pyrene	0.195	0.021	"	0.209	0.0004	93.3	70-130	2.22	20	
Benzo (b) fluoranthene	0.193	0.021	"	0.209	ND	92.4	70-130	3.19	20	
Benzo (g,h,i) perylene	0.187	0.021	"	0.209	0.0008	89.3	70-130	1.67	20	
Benzo (k) fluoranthene	0.202	0.021	"	0.209	ND	96.8	70-130	0.130	20	
Chrysene	0.195	0.021	"	0.209	0.0006	92.9	70-130	4.25	20	
Dibenz (a,h) anthracene	0.189	0.021	"	0.209	0.001	89.7	70-130	2.86	20	
Fluoranthene	0.212	0.021	"	0.209	0.0007	101	70-130	3.53	20	
Fluorene	0.207	0.021	"	0.209	ND	99.0	70-130	0.948	20	
Indeno (1,2,3-cd) pyrene	0.189	0.021	"	0.209	0.002	89.8	70-130	4.16	20	

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Ethan Black

Project Number: 30076

Project: Noble - Furrow USX AB 15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control

Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2924 - EPA 3580

Matrix Spike Dup (B5H2924-MSD1)

Source: E5H0609-01

Prepared: 08/29/2025 Analyzed: 08/29/2025

Naphthalene	0.208	0.002	mg/kg dry	0.209	ND	99.5	70-130	0.748	20	
Phenanthrene	0.206	0.021	"	0.209	ND	98.9	70-130	0.606	20	
Pyrene	0.199	0.021	"	0.209	0.0008	95.2	70-130	4.91	20	
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	200		"	200		99.1	60-130			
Surrogate: Pyrene-d10	200		"	200		98.0	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

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Fremont Environmental
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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5H2832 - EPA 3550B										
Blank (B5H2832-BLK1)										
					Prepared: 08/28/2025 Analyzed: 08/29/2025					
Diesel (C10-C28)	ND	25.0	mg/kg wet							U
Residual Range Organics (C28-C36)	ND	100	"							U
Surrogate: o-Terphenyl	17		"	24.9		68.7	50-150			
LCS (B5H2832-BS1)										
					Prepared: 08/28/2025 Analyzed: 08/29/2025					
Diesel (C10-C28)	1000	50.0	mg/kg wet	1000		100	70-130			
Residual Range Organics (C28-C36)	1070	200	"	1000		107	70-130			
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			
Matrix Spike (B5H2832-MS1)										
			Source: E5H0614-17		Prepared: 08/28/2025 Analyzed: 08/29/2025					
Diesel (C10-C28)	964	52.4	mg/kg dry	1050	ND	92.0	70-130			
Residual Range Organics (C28-C36)	1020	210	"	1050	ND	97.8	70-130			
Surrogate: o-Terphenyl	42		"	52.1		81.4	50-150			
Matrix Spike Dup (B5H2832-MSD1)										
			Source: E5H0614-17		Prepared: 08/28/2025 Analyzed: 08/29/2025					
Diesel (C10-C28)	1050	52.4	mg/kg dry	1050	ND	101	70-130	8.81	35	
Residual Range Organics (C28-C36)	1130	210	"	1050	ND	108	70-130	9.73	35	
Surrogate: o-Terphenyl	49		"	52.1		93.5	50-150			

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5I0223 - EPA 3050B

Blank (B5I0223-BLK1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (B5I0223-BS1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	5.44	0.218	mg/kg wet	5.00		109	80-120			
Barium	588	61.5	"	500		118	80-120			
Cadmium	5.46	0.285	"	5.00		109	80-120			
Copper	56.9	34.5	"	50.0		114	80-120			
Lead	5.67	10.5	"	5.00		113	80-120			U
Nickel	5.99	19.5	"	5.00		120	80-120			U
Selenium	5.27	0.184	"	5.00		105	80-120			
Silver	5.58	0.600	"	5.00		112	80-120			
Zinc	55.9	278	"	50.0		112	80-120			U

Matrix Spike (B5I0223-MS1)

Source: E5H0614-23

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	6.59	0.218	mg/kg dry	5.00	1.81	95.6	75-125			
Barium	596	61.5	"	500	73.2	105	75-125			
Cadmium	5.13	0.285	"	5.00	0.0411	102	75-125			
Copper	56.6	34.5	"	50.0	3.67	106	75-125			

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5I0223 - EPA 3050B

Matrix Spike (B5I0223-MS1)

Source: E5H0614-23

Prepared: 09/02/2025 Analyzed: 09/05/2025

Lead	9.43	10.5	mg/kg dry	5.00	6.00	68.7	75-125			QM-07, U
Nickel	10.1	19.5	"	5.00	4.78	106	75-125			U
Selenium	4.81	0.184	"	5.00	0.0286	95.7	75-125			
Silver	5.31	0.600	"	5.00	0.0172	106	75-125			
Zinc	69.9	277	"	50.0	19.7	100	75-125			U

Matrix Spike Dup (B5I0223-MSD1)

Source: E5H0614-23

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	7.69	0.215	mg/kg dry	4.92	1.81	119	75-125	15.4	20	
Barium	685	60.6	"	492	73.2	124	75-125	14.0	20	
Cadmium	5.88	0.281	"	4.92	0.0411	119	75-125	13.6	20	
Copper	64.3	34.0	"	49.2	3.67	123	75-125	12.8	20	
Lead	11.1	10.3	"	4.92	6.00	103	75-125	16.2	20	
Nickel	11.7	19.2	"	4.92	4.78	140	75-125	14.6	20	QM-07, U
Selenium	5.39	0.182	"	4.92	0.0286	109	75-125	11.4	20	
Silver	6.04	0.591	"	4.92	0.0172	122	75-125	12.7	20	
Zinc	81.8	273	"	49.2	19.7	126	75-125	15.7	20	QM-07, U

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Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2822 - Saturated Paste pH/EC

Blank (B5H2822-BLK1)

Prepared: 08/28/2025 Analyzed: 08/30/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (B5H2822-DUP1)

Source: E5H0614-15

Prepared: 08/28/2025 Analyzed: 08/30/2025

Specific Conductance (EC)	0.338	0.00500	mmhos/cm		0.331			2.00		25
pH	8.48		pH Units		8.48			0.00		25

Batch B5H2824 - Saturated Paste pH/EC

Blank (B5H2824-BLK1)

Prepared: 08/28/2025 Analyzed: 08/30/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (B5H2824-DUP1)

Source: E5H0619-03

Prepared: 08/28/2025 Analyzed: 08/30/2025

pH	8.19		pH Units		8.12			0.858		25
Specific Conductance (EC)	0.334	0.00500	mmhos/cm		0.357			6.68		25

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2912 - EPA 5030 (soil)

Prepared: 08/29/2025 Analyzed: 08/30/2025

Blank (B5H2912-BLK1)

1,2,4-Trimethylbenzene	ND	0.002	mg/kg wet							U
1,3,5-Trimethylbenzene	ND	0.002	"							U
Benzene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Surrogate: 1,2-Dichloroethane-d4	0.11	"	0.125	90.1	70-130
Surrogate: Toluene-d8	0.12	"	0.125	95.2	70-130
Surrogate: 4-Bromofluorobenzene	0.11	"	0.125	91.4	70-130

LCS (B5H2912-BS1)

Prepared: 08/29/2025 Analyzed: 08/30/2025

1,2,4-Trimethylbenzene	0.091	0.002	mg/kg wet	0.100	90.6	70-130
1,3,5-Trimethylbenzene	0.093	0.002	"	0.100	92.6	70-130
Benzene	0.101	0.002	"	0.100	101	70-130
Ethylbenzene	0.089	0.002	"	0.100	88.7	70-130
Naphthalene	0.087	0.004	"	0.100	86.7	70-130
Toluene	0.094	0.002	"	0.100	93.5	70-130
o-Xylene	0.089	0.002	"	0.100	88.9	70-130
m,p-Xylene	0.182	0.004	"	0.200	91.2	70-130

Surrogate: 1,2-Dichloroethane-d4	0.11	"	0.125	89.7	70-130
Surrogate: Toluene-d8	0.12	"	0.125	97.5	70-130
Surrogate: 4-Bromofluorobenzene	0.12	"	0.125	93.1	70-130

Matrix Spike (B5H2912-MS1)

Source: E5H0618-01

Prepared: 08/29/2025 Analyzed: 08/31/2025

1,2,4-Trimethylbenzene	0.083	0.002	mg/kg dry	0.110	ND	75.4	70-130
1,3,5-Trimethylbenzene	0.084	0.002	"	0.110	ND	76.5	70-130

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2912 - EPA 5030 (soil)

Matrix Spike (B5H2912-MS1)

Source: E5H0618-01

Prepared: 08/29/2025 Analyzed: 08/31/2025

Benzene	0.096	0.002	mg/kg dry	0.110	ND	87.4	70-130			
Ethylbenzene	0.080	0.002	"	0.110	ND	73.3	70-130			
Naphthalene	0.086	0.004	"	0.110	ND	78.9	70-130			
Toluene	0.086	0.002	"	0.110	ND	78.8	70-130			
o-Xylene	0.081	0.002	"	0.110	ND	74.1	70-130			
m,p-Xylene	0.166	0.004	"	0.219	ND	75.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.137		94.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.137		94.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.137		92.8	70-130			

Matrix Spike Dup (B5H2912-MSD1)

Source: E5H0618-01

Prepared: 08/29/2025 Analyzed: 08/31/2025

1,2,4-Trimethylbenzene	0.081	0.002	mg/kg dry	0.110	ND	74.1	70-130	1.77	20	
1,3,5-Trimethylbenzene	0.082	0.002	"	0.110	ND	75.1	70-130	1.74	20	
Benzene	0.094	0.002	"	0.110	ND	86.2	70-130	1.31	20	
Ethylbenzene	0.078	0.002	"	0.110	ND	71.2	70-130	2.91	20	
Naphthalene	0.088	0.004	"	0.110	ND	80.7	70-130	2.16	20	
Toluene	0.085	0.002	"	0.110	ND	77.3	70-130	1.97	20	
o-Xylene	0.080	0.002	"	0.110	ND	73.0	70-130	1.60	20	
m,p-Xylene	0.162	0.004	"	0.219	ND	74.0	70-130	2.19	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.137		94.9	70-130			
Surrogate: Toluene-d8	0.13		"	0.137		93.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.137		92.3	70-130			

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Wellington CO 80549

Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Total Metals by 7199 - Quality Control
Enthalpy Orange

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 381108 - EPA 3060A										
BLANK (QC1290740)					Prepared: 09/04/2025 Analyzed: 09/08/2025					
Hexavalent Chromium	ND	0.30	mg/Kg			-				ND
LCS (QC1290741)					Prepared: 09/04/2025 Analyzed: 09/08/2025					
Hexavalent Chromium	40.68	0.6000	mg/Kg	40.00		102	80-120			
Duplicate (QC1290742)					Source: E5H0619-01 Prepared: 09/04/2025 Analyzed: 09/08/2025					
Hexavalent Chromium	ND	0.3028	mg/Kg dry		0	-			30	ND
Matrix Spike (QC1290743)					Source: E5H0619-01 Prepared: 09/04/2025 Analyzed: 09/08/2025					
Hexavalent Chromium	40.26	0.6152	mg/Kg dry	41.01	0	98	70-130			

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Ethan Black
Project Number: 30076
Project: Noble - Furrow USX AB 15-99HZ

Notes and Definitions

- U Sample is Non-Detect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Not Detected
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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