



Fremont Environmental

Ethan Black

8305 6th St, PO Box 1289

Wellington CO 80549

April 10, 2025

Project Name - Noble - Gollner T4N-R67W-S27 L02 Project Number - C024-139 Facility

Attached are your analytical results for Noble - Gollner T4N-R67W-S27 L02 Facility received by Origins Laboratory March 17, 2025. This project is associated with Origins project number E5C0657-01.

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: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-PWV-CEN 5FT	E5C0657-01	Soil	March 17, 2025 10:00	03/17/2025 17:15
SB-PWV-CEN 6FT	E5C0657-02	Soil	March 17, 2025 10:05	03/17/2025 17:15
SB-PWV-N 5FT	E5C0657-03	Soil	March 17, 2025 10:10	03/17/2025 17:15
SB-PWV-N 6FT	E5C0657-04	Soil	March 17, 2025 10:15	03/17/2025 17:15
SB-PWV-S 5FT	E5C0657-05	Soil	March 17, 2025 10:20	03/17/2025 17:15
SB-PWV-S 6FT	E5C0657-06	Soil	March 17, 2025 10:25	03/17/2025 17:15
SB-PWV-E 5FT	E5C0657-07	Soil	March 17, 2025 10:30	03/17/2025 17:15
SB-PWV-E 6FT	E5C0657-08	Soil	March 17, 2025 10:35	03/17/2025 17:15
SB-PWV-W 5FT	E5C0657-09	Soil	March 17, 2025 10:40	03/17/2025 17:15
SB-PWV-W 6FT	E5C0657-10	Soil	March 17, 2025 10:45	03/17/2025 17:15

Origins Laboratory

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.

Kayla Kenyon For Jen Pellegrini, Project Manager



ORIGINS

LABORATORY

Fremont Environmental

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Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02 Facility

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: E5C0657

Client: Fremont Env

Client Project ID: Gollner... L02 Facility

Checklist Completed by: NKM/JKR

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 03/18/25

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 4.0 °C (Describe)

Thermometer ID: T-007

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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 NaOH, NaOCl, 2%Ac-NaOH)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AK

3/12/25
Date/Time Reviewed

Origins Laboratory



Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-CEN 5FT
3/17/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-01 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00127	0.00385	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00127	0.00385	"	"	"	"	"	U
Acenaphthene	ND	0.00127	0.00385	"	"	"	"	"	U
Anthracene	ND	0.00127	0.00385	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00127	0.00385	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00127	0.00385	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00127	0.00385	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00127	0.00385	"	"	"	"	"	U
Chrysene	ND	0.00127	0.00385	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00127	0.00385	"	"	"	"	"	U
Fluoranthene	ND	0.00127	0.00385	"	"	"	"	"	U
Fluorene	ND	0.00127	0.00385	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00127	0.00385	"	"	"	"	"	U
Naphthalene	ND	0.00127	0.00385	"	"	"	"	"	U
Pyrene	ND	0.00127	0.00385	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	50 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.164	0.410	mg/kg dry	1	2773158	"	03/31/2025	U

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SB-PWV-CEN 5FT

3/17/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-01 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	2.11		0.101	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2401	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	64.9 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2111	03/21/2025	03/21/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	97.4 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.6 %			70-130		"	"	"	

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Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-CEN 5FT

3/17/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-01 (Soil)

Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.76	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	0.879	0.823	"	"	"	"	"
Sodium	1.71	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.61		pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	1.49	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.500	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	5.44	0.268	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	143	9.23	"	"	"	"	"
Cadmium	0.181	0.0923	"	"	"	"	"
Copper	13.4	9.23	"	"	"	"	"
Lead	10.1	0.923	"	"	"	"	"
Nickel	14.9	0.923	"	"	"	"	"
Selenium	0.304	0.240	"	"	"	"	"

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Project Number: C024-139

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Facility

SB-PWV-CEN 5FT

3/17/2025 10:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-01 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0923	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	67.9	34.1	"	"	"	"	"	"

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Project Number: C024-139
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Facility

SB-PWV-CEN 6FT
3/17/2025 10:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-02 (Soil) GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00128	0.00387	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00128	0.00387	"	"	"	"	"	U
Acenaphthene	ND	0.00128	0.00387	"	"	"	"	"	U
Anthracene	ND	0.00128	0.00387	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00128	0.00387	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00128	0.00387	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00128	0.00387	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00128	0.00387	"	"	"	"	"	U
Chrysene	ND	0.00128	0.00387	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00128	0.00387	"	"	"	"	"	U
Fluoranthene	ND	0.00128	0.00387	"	"	"	"	"	U
Fluorene	ND	0.00128	0.00387	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00128	0.00387	"	"	"	"	"	U
Naphthalene	ND	0.00128	0.00387	"	"	"	"	"	U
Pyrene	ND	0.00128	0.00387	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	52 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.179	0.447	mg/kg dry	1	2773158	"	03/31/2025	U

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Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-CEN 6FT

3/17/2025 10:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-02 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	7.77		0.0998	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2401	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	79.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2111	03/21/2025	03/21/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	99.0 %			70-130		"	"	"	
Surrogate: Toluene-d8	98.9 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	95.1 %			70-130		"	"	"	

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Kayla Kenyon For Jen Pellegrini, Project Manager

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Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-CEN 6FT

3/17/2025 10:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-02 (Soil)

Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	03/28/2025	04/02/2025
Magnesium	ND	0.823	"	"	"	"	"
Sodium	11.6	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.84	pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	40.8	0.0100	SAR	1	B5C2849	03/28/2025	04/02/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.18	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	5.22	0.266	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	153	9.17	"	"	"	"	"
Cadmium	0.152	0.0917	"	"	"	"	"
Copper	10.1	9.17	"	"	"	"	"
Lead	8.86	0.917	"	"	"	"	"
Nickel	14.8	0.917	"	"	"	"	"
Selenium	0.251	0.238	"	"	"	"	"

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Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-CEN 6FT

3/17/2025 10:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-02 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0917	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	38.7	33.9	"	"	"	"	"	"

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Fremont Environmental
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Wellington CO 80549

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 5FT
3/17/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-03 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00125	0.00377	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00125	0.00377	"	"	"	"	"	U
Acenaphthene	ND	0.00125	0.00377	"	"	"	"	"	U
Anthracene	ND	0.00125	0.00377	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00125	0.00377	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00125	0.00377	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00125	0.00377	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00125	0.00377	"	"	"	"	"	U
Chrysene	ND	0.00125	0.00377	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00125	0.00377	"	"	"	"	"	U
Fluoranthene	ND	0.00125	0.00377	"	"	"	"	"	U
Fluorene	ND	0.00125	0.00377	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00125	0.00377	"	"	"	"	"	U
Naphthalene	ND	0.00125	0.00377	"	"	"	"	"	U
Pyrene	ND	0.00125	0.00377	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	44 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.155	0.388	mg/kg dry	1	2773158	"	03/31/2025	U

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Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 5FT

3/17/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-03 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.99		0.0982	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2401	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	68.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2111	03/21/2025	03/21/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	101 %			70-130		"	"	"	
Surrogate: Toluene-d8	98.4 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.9 %			70-130		"	"	"	

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 5FT
3/17/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-03 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	2.38	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	1.52	0.823	"	"	"	"	"
Sodium	1.75	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.58	pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	1.25	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.582	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	6.10	0.275	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	154	9.48	"	"	"	"	"
Cadmium	0.131	0.0948	"	"	"	"	"
Copper	11.7	9.48	"	"	"	"	"
Lead	10.3	0.948	"	"	"	"	"
Nickel	14.7	0.948	"	"	"	"	"
Selenium	ND	0.247	"	"	"	"	Ua

Origins Laboratory



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 5FT

3/17/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-03 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0948	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	44.0	35.1	"	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 6FT
3/17/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-04 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00126	0.00381	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00126	0.00381	"	"	"	"	"	U
Acenaphthene	ND	0.00126	0.00381	"	"	"	"	"	U
Anthracene	ND	0.00126	0.00381	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00126	0.00381	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00126	0.00381	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00126	0.00381	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00126	0.00381	"	"	"	"	"	U
Chrysene	ND	0.00126	0.00381	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00126	0.00381	"	"	"	"	"	U
Fluoranthene	ND	0.00126	0.00381	"	"	"	"	"	U
Fluorene	ND	0.00126	0.00381	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00126	0.00381	"	"	"	"	"	U
Naphthalene	ND	0.00126	0.00381	"	"	"	"	"	U
Pyrene	ND	0.00126	0.00381	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	85 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.169	0.424	mg/kg dry	1	2773158	"	03/31/2025	U

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 6FT
3/17/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-04 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	2.04		0.101	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2401	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	83.8 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2111	03/21/2025	03/22/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	97.6 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.7 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.7 %			70-130		"	"	"	

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 6FT

3/17/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-04 (Soil) Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.70	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	0.909	0.823	"	"	"	"	"
Sodium	3.78	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.60	pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	3.32	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.664	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	5.42	0.270	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	133	9.32	"	"	"	"	"
Cadmium	0.109	0.0932	"	"	"	"	"
Copper	ND	9.32	"	"	"	"	Ua
Lead	7.91	0.932	"	"	"	"	"
Nickel	14.0	0.932	"	"	"	"	"
Selenium	ND	0.242	"	"	"	"	Ua

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-N 6FT

3/17/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-04 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0932	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	ND	34.5	"	"	"	"	"	Ua

Origins Laboratory



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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 5FT
3/17/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-05 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00125	0.00378	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00125	0.00378	"	"	"	"	"	U
Acenaphthene	ND	0.00125	0.00378	"	"	"	"	"	U
Anthracene	ND	0.00125	0.00378	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00125	0.00378	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00125	0.00378	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00125	0.00378	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00125	0.00378	"	"	"	"	"	U
Chrysene	ND	0.00125	0.00378	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00125	0.00378	"	"	"	"	"	U
Fluoranthene	ND	0.00125	0.00378	"	"	"	"	"	U
Fluorene	ND	0.00125	0.00378	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00125	0.00378	"	"	"	"	"	U
Naphthalene	ND	0.00125	0.00378	"	"	"	"	"	U
Pyrene	ND	0.00125	0.00378	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	84 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.183	0.457	mg/kg dry	1	2773158	"	03/31/2025	U

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 5FT
3/17/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-05 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.859		0.101	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2401	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	72.1 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2111	03/21/2025	03/22/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	100 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.3 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.7 %			70-130		"	"	"	

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 5FT

3/17/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-05 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.31	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	2.94	0.823	"	"	"	"	"
Sodium	0.992	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.59		pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	0.680	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.525	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	5.43	0.243	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	115	8.37	"	"	"	"	"
Cadmium	0.173	0.0837	"	"	"	"	"
Copper	13.6	8.37	"	"	"	"	"
Lead	10.9	0.837	"	"	"	"	"
Nickel	16.5	0.837	"	"	"	"	"
Selenium	0.240	0.218	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 5FT

3/17/2025 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-05 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0837	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	48.4	31.0	"	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 6FT
3/17/2025 10:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-06 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00124	0.00374	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00124	0.00374	"	"	"	"	"	U
Acenaphthene	ND	0.00124	0.00374	"	"	"	"	"	U
Anthracene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00124	0.00374	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00124	0.00374	"	"	"	"	"	U
Chrysene	ND	0.00124	0.00374	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00124	0.00374	"	"	"	"	"	U
Fluoranthene	ND	0.00124	0.00374	"	"	"	"	"	U
Fluorene	ND	0.00124	0.00374	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00124	0.00374	"	"	"	"	"	U
Naphthalene	ND	0.00124	0.00374	"	"	"	"	"	U
Pyrene	ND	0.00124	0.00374	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	54 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.168	0.420	mg/kg dry	1	2773158	"	03/31/2025	U

Origins Laboratory

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 6FT
3/17/2025 10:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-06 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.83		0.100	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2422	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	68.8 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2112	03/21/2025	03/22/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	113 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %			70-130		"	"	"	

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 6FT

3/17/2025 10:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-06 (Soil) Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.92	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	2.97	0.823	"	"	"	"	"
Sodium	1.47	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.62	pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	0.939	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.639	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	6.10	0.267	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	93.0	9.22	"	"	"	"	"
Cadmium	0.121	0.0922	"	"	"	"	"
Copper	11.0	9.22	"	"	"	"	"
Lead	9.65	0.922	"	"	"	"	"
Nickel	15.1	0.922	"	"	"	"	"
Selenium	ND	0.240	"	"	"	"	Ua

Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-S 6FT

3/17/2025 10:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-06 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0922	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	41.1	34.1	"	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 5FT
3/17/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-07 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00123	0.00372	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00123	0.00372	"	"	"	"	"	U
Acenaphthene	ND	0.00123	0.00372	"	"	"	"	"	U
Anthracene	ND	0.00123	0.00372	"	"	"	"	"	U
Benzo(a)anthracene	0.00223	0.00123	0.00372	"	"	"	"	"	J
Benzo(a)pyrene	ND	0.00123	0.00372	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00123	0.00372	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00123	0.00372	"	"	"	"	"	U
Chrysene	ND	0.00123	0.00372	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00123	0.00372	"	"	"	"	"	U
Fluoranthene	0.00186	0.00123	0.00372	"	"	"	"	"	J
Fluorene	ND	0.00123	0.00372	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00123	0.00372	"	"	"	"	"	U
Naphthalene	ND	0.00123	0.00372	"	"	"	"	"	U
Pyrene	ND	0.00123	0.00372	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	72 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.161	0.401	mg/kg dry	1	2773158	"	03/31/2025	U

Origins Laboratory

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 5FT
3/17/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-07 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	2.21		0.102	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2422	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	70.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2112	03/21/2025	03/22/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	115 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.9 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	99.6 %			70-130		"	"	"	

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Kayla Kenyon For Jen Pellegrini, Project Manager

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 5FT

3/17/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-07 (Soil)

Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.21	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	3.37	0.823	"	"	"	"	"
Sodium	2.05	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.62		pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	1.36	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.654	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	6.78	0.282	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	126	9.74	"	"	"	"	"
Cadmium	0.204	0.0974	"	"	"	"	"
Copper	14.4	9.74	"	"	"	"	"
Lead	12.9	0.974	"	"	"	"	"
Nickel	17.9	0.974	"	"	"	"	"
Selenium	0.309	0.253	"	"	"	"	"

Origins Laboratory



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 5FT

3/17/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-07 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0974	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	55.2	36.0	"	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 6FT
3/17/2025 10:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-08 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00124	0.00376	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00124	0.00376	"	"	"	"	"	U
Acenaphthene	ND	0.00124	0.00376	"	"	"	"	"	U
Anthracene	ND	0.00124	0.00376	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00124	0.00376	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00124	0.00376	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00124	0.00376	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00124	0.00376	"	"	"	"	"	U
Chrysene	ND	0.00124	0.00376	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00124	0.00376	"	"	"	"	"	U
Fluoranthene	ND	0.00124	0.00376	"	"	"	"	"	U
Fluorene	ND	0.00124	0.00376	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00124	0.00376	"	"	"	"	"	U
Naphthalene	ND	0.00124	0.00376	"	"	"	"	"	U
Pyrene	ND	0.00124	0.00376	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	76 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.157	0.392	mg/kg dry	1	2773158	"	03/31/2025	U

Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 6FT

3/17/2025 10:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-08 (Soil)

Origins Laboratory

Boron (DTPA Sorbitol)

Boron	2.77	0.0981	mg/L	1	B5C2109	03/21/2025	03/25/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B5C2422	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	69.9 %		50-150	"	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B5C2112	03/21/2025	03/22/2025	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	117 %		70-130	"	"	"	"	
Surrogate: Toluene-d8	100 %		70-130	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %		70-130	"	"	"	"	

Origins Laboratory



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 6FT

3/17/2025 10:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-08 (Soil)

Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.57	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	3.86	0.823	"	"	"	"	"
Sodium	2.48	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.67		pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	1.51	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.802	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	5.94	0.243	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	101	8.38	"	"	"	"	"
Cadmium	0.106	0.0838	"	"	"	"	"
Copper	10.1	8.38	"	"	"	"	"
Lead	9.12	0.838	"	"	"	"	"
Nickel	15.9	0.838	"	"	"	"	"
Selenium	0.222	0.218	"	"	"	"	"

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-E 6FT

3/17/2025 10:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-08 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0838	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	36.9	31.0	"	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 5FT
3/17/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-09 (Soil)									
GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00125	0.00379	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00125	0.00379	"	"	"	"	"	U
Acenaphthene	ND	0.00125	0.00379	"	"	"	"	"	U
Anthracene	ND	0.00125	0.00379	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00125	0.00379	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00125	0.00379	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00125	0.00379	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00125	0.00379	"	"	"	"	"	U
Chrysene	ND	0.00125	0.00379	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00125	0.00379	"	"	"	"	"	U
Fluoranthene	ND	0.00125	0.00379	"	"	"	"	"	U
Fluorene	ND	0.00125	0.00379	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00125	0.00379	"	"	"	"	"	U
Naphthalene	ND	0.00125	0.00379	"	"	"	"	"	U
Pyrene	ND	0.00125	0.00379	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	66 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.156	0.389	mg/kg dry	1	2773158	"	03/31/2025	U

Origins Laboratory

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 5FT
3/17/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-09 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.961		0.0994	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2422	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	70.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2112	03/21/2025	03/22/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	118 %			70-130		"	"	"	
Surrogate: Toluene-d8	100 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %			70-130		"	"	"	

Origins Laboratory

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 5FT

3/17/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-09 (Soil)

Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.21	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	2.64	0.823	"	"	"	"	"
Sodium	0.538	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.57		pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	0.388	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.430	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	7.06	0.280	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	306	9.64	"	"	"	"	"
Cadmium	0.176	0.0964	"	"	"	"	"
Copper	14.0	9.64	"	"	"	"	"
Lead	11.8	0.964	"	"	"	"	"
Nickel	17.4	0.964	"	"	"	"	"
Selenium	0.262	0.251	"	"	"	"	"

Origins Laboratory



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 5FT

3/17/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-09 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0964	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	53.9	35.7	"	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 6FT
3/17/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-10 (Soil) GEL Laboratories, LLC									
PAH by 3541/8270									
1-Methylnaphthalene	ND	0.00123	0.00373	mg/kg dry	1	2772297	03/28/2025	03/29/2025	U
2-Methylnaphthalene	ND	0.00123	0.00373	"	"	"	"	"	U
Acenaphthene	ND	0.00123	0.00373	"	"	"	"	"	U
Anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Chrysene	ND	0.00123	0.00373	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00123	0.00373	"	"	"	"	"	U
Fluoranthene	ND	0.00123	0.00373	"	"	"	"	"	U
Fluorene	ND	0.00123	0.00373	"	"	"	"	"	U
Indeno(1,2,3-cd)pyrene	ND	0.00123	0.00373	"	"	"	"	"	U
Naphthalene	ND	0.00123	0.00373	"	"	"	"	"	U
Pyrene	ND	0.00123	0.00373	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	84 %			22-135		"	"	"	
Total Metals 7196A									
Hexavalent Chromium	ND	0.161	0.403	mg/kg dry	1	2773158	"	03/31/2025	U

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 6FT

3/17/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0657-10 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.74		0.0986	mg/L	1	B5C2109	03/21/2025	03/25/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5C2422	03/24/2025	03/25/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	70.1 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5C2112	03/21/2025	03/22/2025	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	118 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %			70-130		"	"	"	

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 6FT

3/17/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-10 (Soil)

Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.31	0.499	meq/L	10	[CALC]	03/24/2025	03/27/2025
Magnesium	2.16	0.823	"	"	"	"	"
Sodium	0.642	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.56	pH Units	1	B5C2436	03/24/2025	03/27/2025
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SAR by 20B Saturated Paste

SAR	0.488	0.0100	SAR	1	B5C2414	03/24/2025	03/27/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.410	0.00500	mmhos/cm	1	B5C2436	03/24/2025	03/27/2025
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Table 915 metals by EPA 6020B

Arsenic	6.48	0.282	mg/kg	10	B5C2207	03/22/2025	03/24/2025
Barium	107	9.73	"	"	"	"	"
Cadmium	0.116	0.0973	"	"	"	"	"
Copper	10.6	9.73	"	"	"	"	"
Lead	9.05	0.973	"	"	"	"	"
Nickel	14.6	0.973	"	"	"	"	"
Selenium	ND	0.253	"	"	"	"	Ua

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

SB-PWV-W 6FT

3/17/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5C0657-10 (Soil)

Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND	0.0973	mg/kg	10	B5C2207	03/22/2025	03/24/2025	Ua
Zinc	39.4	36.0	"	"	"	"	"	"

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2109 - DTPA Sorbitol Preparation

Blank (B5C2109-BLK1)

Prepared: 03/21/2025 Analyzed: 03/25/2025

Boron	ND	0.100	mg/L							Ua
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Duplicate (B5C2109-DUP1)

Source: E5C0652-06

Prepared: 03/21/2025 Analyzed: 03/25/2025

Boron	2.38	0.0982	mg/L		2.69			12.1	50	
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Batch B5C2414 - Saturated Paste Metals

Blank (B5C2414-BLK1)

Prepared: 03/24/2025 Analyzed: 03/27/2025

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

Duplicate (B5C2414-DUP1)

Source: E5C0655-03

Prepared: 03/24/2025 Analyzed: 03/27/2025

Calcium PPM	16.4	10.0	mg/L		14.5			12.2	50	
SAR	ND	0.0100	SAR		0.199				200	Ua
Magnesium PPM	16.6	10.0	mg/L		14.6			12.7	50	
Sodium PPM	4.50	10.0	"		4.48			0.445	50	Ua

Batch B5C2849 - Saturated Paste Metals

Blank (B5C2849-BLK1)

Prepared: 03/28/2025 Analyzed: 04/02/2025

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

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Kayla Kenyon For Jen Pellegrini, Project Manager



Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2849 - Saturated Paste Metals

Duplicate (B5C2849-DUP1)

Source: E5C0716-04

Prepared: 03/28/2025 Analyzed: 04/02/2025

SAR	ND	0.0100	SAR	1.34				200	Ua
Calcium PPM	37.6	10.0	mg/L	37.1				1.53	50
Magnesium PPM	11.6	10.0	"	11.7				0.257	50
Sodium PPM	36.8	10.0	"	36.5				0.874	50

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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
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Batch B5C2401 - EPA 3550B

Blank (B5C2401-BLK1)

Prepared: 03/24/2025 Analyzed: 03/25/2025

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	20		"	24.9		82.0	50-150			

LCS (B5C2401-BS1)

Prepared: 03/24/2025 Analyzed: 03/25/2025

Diesel (C10-C28)	976	50.0	mg/kg	1000		97.6	70-130			
Residual Range Organics (C28-C40)	988	200	"	1000		98.8	70-130			
Surrogate: o-Terphenyl	59		"	49.8		119	50-150			

Matrix Spike (B5C2401-MS1)

Source: E5C0652-01

Prepared: 03/24/2025 Analyzed: 03/25/2025

Diesel (C10-C28)	882	50.0	mg/kg	1000	ND	88.2	70-130			
Residual Range Organics (C28-C40)	876	200	"	1000	ND	87.6	70-130			
Surrogate: o-Terphenyl	51		"	49.8		102	50-150			

Matrix Spike Dup (B5C2401-MSD1)

Source: E5C0652-01

Prepared: 03/24/2025 Analyzed: 03/25/2025

Diesel (C10-C28)	878	50.0	mg/kg	1000	ND	87.8	70-130	0.428	35	
Residual Range Organics (C28-C40)	873	200	"	1000	ND	87.3	70-130	0.288	35	
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			

Batch B5C2422 - EPA 3550B

Blank (B5C2422-BLK1)

Prepared: 03/24/2025 Analyzed: 03/25/2025

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	18		"	24.9		72.6	50-150			

LCS (B5C2422-BS1)

Prepared: 03/24/2025 Analyzed: 03/25/2025

Diesel (C10-C28)	787	50.0	mg/kg	1000		78.7	70-130			
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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2422 - EPA 3550B										
LCS (B5C2422-BS1)					Prepared: 03/24/2025 Analyzed: 03/25/2025					
Residual Range Organics (C28-C40)	812	200	mg/kg	1000		81.2	70-130			
Surrogate: o-Terphenyl	37		"	49.8		75.3	50-150			
Matrix Spike (B5C2422-MS1)					Source: E5C0657-06 Prepared: 03/24/2025 Analyzed: 03/25/2025					
Diesel (C10-C28)	801	50.0	mg/kg	1000	ND	80.1	70-130			
Residual Range Organics (C28-C40)	854	200	"	1000	ND	85.4	70-130			
Surrogate: o-Terphenyl	42		"	49.8		84.1	50-150			
Matrix Spike Dup (B5C2422-MSD1)					Source: E5C0657-06 Prepared: 03/24/2025 Analyzed: 03/25/2025					
Diesel (C10-C28)	824	50.0	mg/kg	1000	ND	82.4	70-130	2.75	35	
Residual Range Organics (C28-C40)	849	200	"	1000	ND	84.9	70-130	0.590	35	
Surrogate: o-Terphenyl	34		"	49.8		67.6	50-150			

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2207 - EPA 3050B

Blank (B5C2207-BLK1)

Prepared: 03/22/2025 Analyzed: 03/24/2025

Arsenic	ND	0.290	mg/kg							Ua
Barium	ND	10.0	"							Ua
Cadmium	ND	0.100	"							Ua
Copper	ND	10.0	"							Ua
Lead	ND	1.00	"							Ua
Nickel	ND	1.00	"							Ua
Selenium	ND	0.260	"							Ua
Silver	ND	0.100	"							Ua
Zinc	ND	37.0	"							Ua

LCS (B5C2207-BS1)

Prepared: 03/22/2025 Analyzed: 03/24/2025

Arsenic	5.64	0.290	mg/kg	5.00		113	80-120
Barium	542	10.0	"	500		108	80-120
Cadmium	5.51	0.100	"	5.00		110	80-120
Copper	55.6	10.0	"	50.0		111	80-120
Lead	5.95	1.00	"	5.00		119	80-120
Nickel	5.97	1.00	"	5.00		119	80-120
Selenium	5.70	0.260	"	5.00		114	80-120
Silver	5.62	0.100	"	5.00		112	80-120
Zinc	52.0	37.0	"	50.0		104	80-120

Matrix Spike (B5C2207-MS1)

Source: E5C0655-01

Prepared: 03/22/2025 Analyzed: 03/24/2025

Arsenic	5.96	0.268	mg/kg	4.62	1.19	103	75-125
Barium	696	9.24	"	462	250	96.6	75-125
Cadmium	5.12	0.0924	"	4.62	0.234	106	75-125
Copper	50.5	9.24	"	46.2	5.65	97.2	75-125
Lead	11.0	0.924	"	4.62	5.73	114	75-125

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



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8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2207 - EPA 3050B

Matrix Spike (B5C2207-MS1)

Source: E5C0655-01

Prepared: 03/22/2025 Analyzed: 03/24/2025

Nickel	11.3	0.924	mg/kg	4.62	6.06	113	75-125			
Selenium	5.13	0.240	"	4.62	0.256	105	75-125			
Silver	5.15	0.0924	"	4.62	0.184	108	75-125			
Zinc	69.7	34.2	"	46.2	25.5	95.7	75-125			

Matrix Spike Dup (B5C2207-MSD1)

Source: E5C0655-01

Prepared: 03/22/2025 Analyzed: 03/24/2025

Arsenic	6.09	0.279	mg/kg	4.80	1.19	102	75-125	2.09	20	
Barium	696	9.60	"	480	250	92.9	75-125	0.00212	20	
Cadmium	5.13	0.0960	"	4.80	0.234	102	75-125	0.168	20	
Copper	51.7	9.60	"	48.0	5.65	95.8	75-125	2.23	20	
Lead	11.1	0.960	"	4.80	5.73	112	75-125	1.33	20	
Nickel	11.3	0.960	"	4.80	6.06	109	75-125	0.0426	20	
Selenium	5.14	0.250	"	4.80	0.256	102	75-125	0.248	20	
Silver	5.16	0.0960	"	4.80	0.184	104	75-125	0.0988	20	
Zinc	70.8	35.5	"	48.0	25.5	94.4	75-125	1.65	20	

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2436 - Saturated Paste pH/EC

Blank (B5C2436-BLK1)

Prepared: 03/24/2025 Analyzed: 03/27/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							Ua
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Duplicate (B5C2436-DUP1)

Source: E5C0655-03

Prepared: 03/24/2025 Analyzed: 03/27/2025

pH	8.40		pH Units		8.38		0.238	25		
Specific Conductance (EC)	0.431	0.00500	mmhos/cm		0.218		65.4	25	QR-DUP	

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2111 - EPA 5030 (soil)

Blank (B5C2111-BLK1)

Prepared: 03/21/2025 Analyzed: 03/21/2025

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua

Surrogate: 1,2-Dichloroethane-d4	0.12	"	0.125	93.2	70-130
Surrogate: Toluene-d8	0.13	"	0.125	101	70-130
Surrogate: 4-Bromofluorobenzene	0.12	"	0.125	92.8	70-130

LCS (B5C2111-BS1)

Prepared: 03/21/2025 Analyzed: 03/21/2025

1,2,4-Trimethylbenzene	0.116	0.00200	mg/kg	0.100	116	70-130
1,3,5-Trimethylbenzene	0.118	0.00200	"	0.100	118	70-130
Benzene	0.0906	0.00200	"	0.100	90.6	70-130
Ethylbenzene	0.105	0.00200	"	0.100	105	70-130
Toluene	0.108	0.00200	"	0.100	108	70-130
o-Xylene	0.114	0.00200	"	0.100	114	70-130
m,p-Xylene	0.216	0.00400	"	0.200	108	70-130

Surrogate: 1,2-Dichloroethane-d4	0.11	"	0.125	90.7	70-130
Surrogate: Toluene-d8	0.13	"	0.125	102	70-130
Surrogate: 4-Bromofluorobenzene	0.12	"	0.125	93.6	70-130

Matrix Spike (B5C2111-MS1)

Source: E5C0635-01

Prepared: 03/21/2025 Analyzed: 03/21/2025

1,2,4-Trimethylbenzene	0.0951	0.00200	mg/kg	0.100	ND	95.1	70-130
1,3,5-Trimethylbenzene	0.108	0.00200	"	0.100	ND	108	70-130
Benzene	0.0840	0.00200	"	0.100	0.000500	83.5	70-130

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2111 - EPA 5030 (soil)

Matrix Spike (B5C2111-MS1)

Source: E5C0635-01

Prepared: 03/21/2025 Analyzed: 03/21/2025

Ethylbenzene	0.0991	0.00200	mg/kg	0.100	ND	99.1	70-130			
Toluene	0.106	0.00200	"	0.100	ND	106	70-130			
o-Xylene	0.100	0.00200	"	0.100	ND	100	70-130			
m,p-Xylene	0.200	0.00400	"	0.200	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		79.7	70-130			
Surrogate: Toluene-d8	0.16		"	0.125		127	70-130			
Surrogate: 4-Bromofluorobenzene	0.063		"	0.125		50.1	70-130			S-GC

Matrix Spike Dup (B5C2111-MSD1)

Source: E5C0635-01

Prepared: 03/21/2025 Analyzed: 03/21/2025

1,2,4-Trimethylbenzene	0.0767	0.00200	mg/kg	0.100	ND	76.7	70-130	21.4	20	QR-02
1,3,5-Trimethylbenzene	0.0861	0.00200	"	0.100	ND	86.1	70-130	22.8	20	QR-02
Benzene	0.0844	0.00200	"	0.100	0.000500	83.9	70-130	0.475	20	
Ethylbenzene	0.0827	0.00200	"	0.100	ND	82.7	70-130	18.0	20	
Toluene	0.102	0.00200	"	0.100	ND	102	70-130	4.55	20	
o-Xylene	0.0845	0.00200	"	0.100	ND	84.5	70-130	17.1	20	
m,p-Xylene	0.161	0.00400	"	0.200	ND	80.7	70-130	21.3	20	QR-02
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.6	70-130			
Surrogate: Toluene-d8	0.17		"	0.125		138	70-130			S-GC
Surrogate: 4-Bromofluorobenzene	0.057		"	0.125		45.3	70-130			S-GC

Batch B5C2112 - EPA 5030 (soil)

Blank (B5C2112-BLK1)

Prepared: 03/21/2025 Analyzed: 03/22/2025

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Toluene	ND	0.00200	"							Ua

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2112 - EPA 5030 (soil)

Blank (B5C2112-BLK1)

Prepared: 03/21/2025 Analyzed: 03/22/2025

Xylenes, total	ND	0.00200	mg/kg							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

LCS (B5C2112-BS1)

Prepared: 03/21/2025 Analyzed: 03/22/2025

1,2,4-Trimethylbenzene	0.118	0.00200	mg/kg	0.100		118	70-130			
1,3,5-Trimethylbenzene	0.119	0.00200	"	0.100		119	70-130			
Benzene	0.104	0.00200	"	0.100		104	70-130			
Ethylbenzene	0.115	0.00200	"	0.100		115	70-130			
Toluene	0.112	0.00200	"	0.100		112	70-130			
o-Xylene	0.110	0.00200	"	0.100		110	70-130			
m,p-Xylene	0.231	0.00400	"	0.200		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		113	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.3	70-130			

Matrix Spike (B5C2112-MS1)

Source: E5C0657-06

Prepared: 03/21/2025 Analyzed: 03/22/2025

1,2,4-Trimethylbenzene	0.113	0.00200	mg/kg	0.100	ND	113	70-130			
1,3,5-Trimethylbenzene	0.115	0.00200	"	0.100	ND	115	70-130			
Benzene	0.0934	0.00200	"	0.100	ND	93.4	70-130			
Ethylbenzene	0.113	0.00200	"	0.100	ND	113	70-130			
Toluene	0.107	0.00200	"	0.100	ND	107	70-130			
o-Xylene	0.106	0.00200	"	0.100	ND	106	70-130			
m,p-Xylene	0.223	0.00400	"	0.200	ND	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.7	70-130			

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

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 B5C2112 - EPA 5030 (soil)

Matrix Spike (B5C2112-MS1)

Source: E5C0657-06

Prepared: 03/21/2025 Analyzed: 03/22/2025

Surrogate: Toluene-d8	0.13		mg/kg	0.125		108	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.6	70-130			

Matrix Spike Dup (B5C2112-MSD1)

Source: E5C0657-06

Prepared: 03/21/2025 Analyzed: 03/22/2025

1,2,4-Trimethylbenzene	0.118	0.00200	mg/kg	0.100	ND	118	70-130	4.72	20	
1,3,5-Trimethylbenzene	0.118	0.00200	"	0.100	ND	118	70-130	2.93	20	
Benzene	0.103	0.00200	"	0.100	ND	103	70-130	9.58	20	
Ethylbenzene	0.113	0.00200	"	0.100	ND	113	70-130	0.514	20	
Toluene	0.114	0.00200	"	0.100	ND	114	70-130	5.65	20	
o-Xylene	0.109	0.00200	"	0.100	ND	109	70-130	3.02	20	
m,p-Xylene	0.227	0.00400	"	0.200	ND	114	70-130	1.80	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.8	70-130			

Origins Laboratory



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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

PAH by 3541/8270 - Quality Control GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2772297 - SW846 3541

BLANK (1206051007-BLK)

Prepared: 03/28/2025 Analyzed: 03/29/2025

Fluoranthene	ND	0.00324	mg/kg	-	-	-	-	-	-	U
Pyrene	ND	0.00324	"	-	-	-	-	-	-	U
Naphthalene	ND	0.00324	"	-	-	-	-	-	-	U
Fluorene	ND	0.00324	"	-	-	-	-	-	-	U
Anthracene	ND	0.00324	"	-	-	-	-	-	-	U
Dibenzo(a,h)anthracene	ND	0.00324	"	-	-	-	-	-	-	U
1-Methylnaphthalene	ND	0.00324	"	-	-	-	-	-	-	U
Benzo(a)anthracene	ND	0.00324	"	-	-	-	-	-	-	U
Indeno(1,2,3-cd)pyrene	ND	0.00324	"	-	-	-	-	-	-	U
Chrysene	ND	0.00324	"	-	-	-	-	-	-	U
2-Methylnaphthalene	ND	0.00324	"	-	-	-	-	-	-	U
Benzo(a)pyrene	ND	0.00324	"	-	-	-	-	-	-	U
Benzo(b)fluoranthene	ND	0.00324	"	-	-	-	-	-	-	U
Benzo(k)fluoranthene	ND	0.00324	"	-	-	-	-	-	-	U
Acenaphthene	ND	0.00324	"	-	-	-	-	-	-	U

Surrogate: 5-alpha-Androstane

0.123

"

0.162

76

22-135

LCS (1206051008-BKS)

Prepared: 03/28/2025 Analyzed: 03/29/2025

Chrysene	0.252	0.00333	mg/kg	0.333	76	42-117
Benzo(a)anthracene	0.267	0.00333	"	0.333	80	42-120
Anthracene	0.273	0.00333	"	0.333	82	41-117
Acenaphthene	0.239	0.00333	"	0.333	72	41-112
2-Methylnaphthalene	0.262	0.00333	"	0.333	79	39-110
1-Methylnaphthalene	0.253	0.00333	"	0.333	76	39-109
Benzo(a)pyrene	0.271	0.00333	"	0.333	82	39-127
Dibenzo(a,h)anthracene	0.261	0.00333	"	0.333	79	38-132
Benzo(k)fluoranthene	0.242	0.00333	"	0.333	73	40-122

Origins Laboratory

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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

PAH by 3541/8270 - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2772297 - SW846 3541

LCS (1206051008-BKS)

Prepared: 03/28/2025 Analyzed: 03/29/2025

Naphthalene	0.251	0.00333	mg/kg	0.333		76	38-109			
Fluoranthene	0.263	0.00333	"	0.333		79	39-119			
Pyrene	0.257	0.00333	"	0.333		77	38-117			
Fluorene	0.255	0.00333	"	0.333		77	37-115			
Indeno(1,2,3-cd)pyrene	0.259	0.00333	"	0.333		78	38-133			
Benzo(b)fluoranthene	0.259	0.00333	"	0.333		78	39-123			
Surrogate: 5-alpha-Androstane	0.160		"	0.166		96	22-135			

LCSD (1206051009-BKSD)

Prepared: 03/28/2025 Analyzed: 03/29/2025

Benzo(a)pyrene	0.247	0.00329	mg/kg	0.329		75	39-127	9	30	
Benzo(b)fluoranthene	0.235	0.00329	"	0.329		71	39-123	10	30	
1-Methylnaphthalene	0.231	0.00329	"	0.329		70	39-109	9	30	
2-Methylnaphthalene	0.238	0.00329	"	0.329		72	39-110	10	30	
Acenaphthene	0.217	0.00329	"	0.329		66	41-112	10	30	
Anthracene	0.250	0.00329	"	0.329		76	41-117	9	30	
Benzo(k)fluoranthene	0.221	0.00329	"	0.329		67	40-122	9	30	
Benzo(a)anthracene	0.243	0.00329	"	0.329		74	42-120	10	30	
Pyrene	0.233	0.00329	"	0.329		71	38-117	10	30	
Chrysene	0.228	0.00329	"	0.329		69	42-117	10	30	
Dibenzo(a,h)anthracene	0.239	0.00329	"	0.329		73	38-132	9	30	
Fluoranthene	0.239	0.00329	"	0.329		73	39-119	10	30	
Fluorene	0.228	0.00329	"	0.329		69	37-115	11	30	
Indeno(1,2,3-cd)pyrene	0.236	0.00329	"	0.329		72	38-133	9	30	
Naphthalene	0.230	0.00329	"	0.329		70	38-109	9	30	
Surrogate: 5-alpha-Androstane	0.139		"	0.165		84	22-135			

MS (1206051010 S)

Source: E5C0657-01

Prepared: 03/28/2025 Analyzed: 03/29/2025

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

PAH by 3541/8270 - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2772297 - SW846 3541

MS (1206051010 S)

Source: E5C0657-01

Prepared: 03/28/2025 Analyzed: 03/29/2025

Chrysene	0.183	0.00394	mg/kg dry	0.394	<0.00130	47	19-129
1-Methylnaphthalene	0.181	0.00394	"	0.394	<0.00130	46	15-129
Fluoranthene	0.189	0.00394	"	0.394	<0.00130	48	14-136
Indeno(1,2,3-cd)pyrene	0.189	0.00394	"	0.394	<0.00130	48	13-134
Naphthalene	0.177	0.00394	"	0.394	<0.00130	45	16-126
2-Methylnaphthalene	0.185	0.00394	"	0.394	<0.00130	47	15-132
Acenaphthene	0.166	0.00394	"	0.394	<0.00130	42	17-129
Benzo(a)anthracene	0.194	0.00394	"	0.394	<0.00130	49	20-132
Benzo(a)pyrene	0.196	0.00394	"	0.394	<0.00130	50	16-133
Benzo(b)fluoranthene	0.185	0.00394	"	0.394	<0.00130	47	14-136
Benzo(k)fluoranthene	0.174	0.00394	"	0.394	<0.00130	44	18-138
Anthracene	0.194	0.00394	"	0.394	<0.00130	49	18-136
Fluorene	0.177	0.00394	"	0.394	<0.00130	45	16-134
Pyrene	0.189	0.00394	"	0.394	<0.00130	48	12-139
Dibenzo(a,h)anthracene	0.192	0.00394	"	0.394	<0.00130	49	11-134

Surrogate: 5-alpha-Androstane

0.115

"

0.197

0.0968

58

22-135

MSD (1206051011 SD)

Source: E5C0657-01

Prepared: 03/28/2025 Analyzed: 03/29/2025

2-Methylnaphthalene	0.169	0.00395	mg/kg dry	0.395	<0.00130	43	15-132	9	30
Benzo(b)fluoranthene	0.165	0.00395	"	0.395	<0.00130	42	14-136	12	30
Benzo(a)pyrene	0.175	0.00395	"	0.395	<0.00130	44	16-133	11	30
Benzo(a)anthracene	0.174	0.00395	"	0.395	<0.00130	44	20-132	11	30
Anthracene	0.176	0.00395	"	0.395	<0.00130	45	18-136	9	30
1-Methylnaphthalene	0.165	0.00395	"	0.395	<0.00130	42	15-129	9	30
Benzo(k)fluoranthene	0.155	0.00395	"	0.395	<0.00130	39	18-138	11	30
Naphthalene	0.160	0.00395	"	0.395	<0.00130	41	16-126	10	30
Acenaphthene	0.153	0.00395	"	0.395	<0.00130	39	17-129	8	30

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02 Facility

PAH by 3541/8270 - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2772297 - SW846 3541

MSD (1206051011 SD)

Source: E5C0657-01

Prepared: 03/28/2025 Analyzed: 03/29/2025

Chrysene	0.163	0.00395	mg/kg dry	0.395	<0.00130	41	19-129	12	30	
Dibenzo(a,h)anthracene	0.169	0.00395	"	0.395	<0.00130	43	11-134	13	30	
Fluoranthene	0.169	0.00395	"	0.395	<0.00130	43	14-136	11	30	
Fluorene	0.163	0.00395	"	0.395	<0.00130	41	16-134	8	30	
Indeno(1,2,3-cd)pyrene	0.167	0.00395	"	0.395	<0.00130	42	13-134	13	30	
Pyrene	0.168	0.00395	"	0.395	<0.00130	43	12-139	11	30	
Surrogate: 5-alpha-Androstane	0.106		"	0.197	0.0968	54	22-135			

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Kayla Kenyon For Jen Pellegrini, Project Manager



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

Ethan Black
Project Number: C024-139
Project: Noble - Gollner T4N-R67W-S27 L02
Facility

Total Metals 7196A - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2773158 - SW846 3060A										
BLANK (1206053037-BLK)					Prepared: 03/28/2025 Analyzed: 03/31/2025					
Hexavalent Chromium	ND	0.329	mg/kg				-			U
LCS (1206053038-BKS)					Prepared: 03/28/2025 Analyzed: 03/31/2025					
Hexavalent Chromium	3.66	0.353	mg/kg	3.53		104	80-120			
DUP (1206053039 D)					Source: 715312001 Prepared: 03/28/2025 Analyzed: 03/31/2025					
Hexavalent Chromium	ND	0.351	mg/kg dry		<0.140		0-50	N/A	50	U
MS (1206053040 S)					Source: 715312001 Prepared: 03/28/2025 Analyzed: 03/31/2025					
Hexavalent Chromium	2.39	0.381	mg/kg dry	3.81	<0.153	61.9	75-125			
DUP (1206053041 D)					Source: 715312002 Prepared: 03/28/2025 Analyzed: 03/31/2025					
Hexavalent Chromium	ND	0.342	mg/kg dry		<0.137		0-50	N/A	50	U
MS (1206053042 S)					Source: 715312002 Prepared: 03/28/2025 Analyzed: 03/31/2025					
Hexavalent Chromium	3.17	0.429	mg/kg dry	4.29	<0.172	73.8	75-125			
ILCS (1206053043-ILCS)					Prepared: 03/28/2025 Analyzed: 03/31/2025					
Hexavalent Chromium	8.30	0.395	mg/kg	8.25		101	80-120			

Origins Laboratory

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Kayla Kenyon For Jen Pellegrini, Project Manager



Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Ethan Black

Project Number: C024-139

Project: Noble - Gollner T4N-R67W-S27 L02
Facility

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

J Greater than the detection limit but less than the reporting limit

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory

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