



Confluence Compliance Companies, LL

March 31, 2025

Chris McKisson

403 1/2 Rockwood Lane

Grand Junction CO 81507

Project Name - Noble - Frank CC 7-19

Project Number - [none]

Attached are your analytical results for Noble - Frank CC 7-19 received by Origins Laboratory February 26, 2025. This project is associated with Origins project number E5B0647-01.

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



Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01@5-7	E5B0647-01	Soil	February 24, 2025 10:30	02/26/2025 09:30
MW-02@5-7	E5B0647-02	Soil	February 24, 2025 11:25	02/26/2025 09:30
MW-03@5-7	E5B0647-03	Soil	February 24, 2025 12:00	02/26/2025 09:30
MW-04@6-7	E5B0647-04	Soil	February 25, 2025 9:40	02/26/2025 09:30
MW-05@6-7	E5B0647-05	Soil	February 25, 2025 10:10	02/26/2025 09:30

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.

ORIGINS LABORATORY

Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

ORIGINS
LABORATORY


ESR0047

Client: Noble Concrete
 Address: 403 1/2 Rockwood Lane
 Grand Junction CO 81507
 Project Manager: Chris McKisson
 Project Name: Frank CC 7-19
 Project Number: [none]
 Site-Schedule Manager: [none]
 Site-Schedule Manager Email: [none]
 Telephone Number: (202) 490-9738
 Collected By: Alex Stovry
 Email Address: chris.mckisson@confluence.com
 Model/Billing Info: Noble Energy, Laser Davidson
 Page: 1 of 1

Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis						Comments
						PH (GRO, DRG, CRG)	Table 915-1 VOCs	Table 915-1 PAHs	pH, EC, SAR	Boron (hot-water soluble)	Table 915-1 Metals	
MM-0285-7	2/24/2025	1030	3	S	UNP	X	X	X	X	X	X	
MM-0285-7	2/24/2025	1125	3	S	UNP	X	X	X	X	X	X	
MM-0285-7	2/24/2025	1200	3	S	UNP	X	X	X	X	X	X	
MM-0285-7	2/25/2025	0940	3	S	UNP	X	X	X	X	X	X	
MM-0285-7	2/25/2025	1010	3	S	UNP	X	X	X	X	X	X	

Temp Received: 19°C Received On? Yes No

Turnaround Time: Same Day 24H 48H 72H Standard

Origins Laboratory


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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
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Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

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

Sample Receipt Checklist

Origins Work Order: ESEB047 Client: Confluence/Noble
Client Project ID: Frank

Checklist Completed by: SEM/JNR Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Date/time completed: 2/26/25 Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 / 4.9 °C _____ / _____ °C _____ / _____ °C _____ / _____ °C

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"/>			
Is there ice present (document if blue ice is used)	<input checked="" 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"/>			
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"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" 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"/>			
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 > 10 for samples preserved with HNO3, HCl, H2SO4) / (pH > 10 for samples preserved with NaAc3+NaOH, SrAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AJ Date/Time Reviewed 2/27/25

Origins Laboratory

EHO

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-01@5-7

2/24/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-01 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00299	0.00600	mg/kg	1	BIB1223	02/28/2025	03/03/2025	
2-Methylnaphthalene	ND	0.00748	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0415	0.0833	"	"	"	"	"	
Anthracene	ND	0.0415	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00548	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0415	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0415	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0415	0.0833	"	"	"	"	"	
Chrysene	ND	0.0415	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0415	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0415	0.0833	"	"	"	"	"	
Fluorene	ND	0.0415	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0415	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0415	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	36.4 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	25.0 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	10.3 %				12-95	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	28.7 %				21-100	"	"	"	

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Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-01@5-7

2/24/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0647-01 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	36.3 %			13-100		BIB1223	02/28/2025	03/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	47.2 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.19	0.19	mg/kg	1	BIC1276	03/24/2025	03/25/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	1.87		0.0994	mg/L	1	B5B2639	02/26/2025	02/28/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2701	02/27/2025	02/27/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	89.6 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-01@5-7

2/24/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-01 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
Ethylbenzene	0.00220		0.00200	"	"	"	"	"	
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	0.0161		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	151 %			70-130		"	"	"	S-GC
Surrogate: Toluene-d8	95.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	99.4 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	7.88		0.499	meq/L	10	[CALC]	02/26/2025	02/28/2025	
Magnesium	4.62		0.823	"	"	"	"	"	
Sodium	27.0		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.26			pH Units	1	B5B2642	02/26/2025	02/28/2025	
SAR by 20B Saturated Paste									
SAR	10.8		0.0100	SAR	1	B5B2636	02/26/2025	02/28/2025	

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-01@5-7

2/24/2025 10:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0647-01 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.72	0.00500	mmhos/cm	1	B5B2642	02/26/2025	02/28/2025	
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Table 915 metals by EPA 6020B

Arsenic	4.45	0.258	mg/kg	10	B5B2631	02/26/2025	02/27/2025	
Barium	154	8.90	"	"	"	"	"	"
Cadmium	0.247	0.0890	"	"	"	"	"	"
Copper	16.4	8.90	"	"	"	"	"	"
Lead	13.0	0.890	"	"	"	"	"	"
Nickel	14.6	0.890	"	"	"	"	"	"
Selenium	0.371	0.231	"	"	"	"	"	"
Silver	ND	0.0890	"	"	"	"	"	"
Zinc	79.7	32.9	"	"	"	"	"	"

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Confluence Compliance Companies, L
403 1/2 Rockwood Lane
Grand Junction CO 81507

Chris McKisson
Project Number: [none]
Project: Noble - Frank CC 7-19

MW-02@5-7

2/24/2025 11:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-02 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00282	0.00600	mg/kg	1	BIB1223	02/28/2025	03/03/2025	
2-Methylnaphthalene	ND	0.00705	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0392	0.0833	"	"	"	"	"	
Anthracene	ND	0.0392	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00517	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0392	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0392	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0392	0.0833	"	"	"	"	"	
Chrysene	ND	0.0392	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0392	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0392	0.0833	"	"	"	"	"	
Fluorene	ND	0.0392	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0392	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00179	0.00380	"	"	"	"	"	
Pyrene	ND	0.0392	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	58.2 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	41.3 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	14.4 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	43.1 %				21-100	"	"	"	

Origins Laboratory



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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-02@5-7

2/24/2025 11:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0647-02 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	53.1 %			13-100		BIB1223	02/28/2025	03/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	51.0 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC1276	03/24/2025	03/25/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	1.80		0.100	mg/L	1	B5B2639	02/26/2025	02/28/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2701	02/27/2025	02/27/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.4 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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Confluence Compliance Companies, L
403 1/2 Rockwood Lane
Grand Junction CO 81507

Chris McKisson
Project Number: [none]
Project: Noble - Frank CC 7-19

MW-02@5-7

2/24/2025 11:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-02 (Soil) Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	163 %				70-130	"	"	"	S-GC
Surrogate: Toluene-d8	93.6 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	95.9 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	6.19		0.499	meq/L	10	[CALC]	02/26/2025	02/28/2025	
Magnesium	2.82		0.823	"	"	"	"	"	
Sodium	29.9		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.24			pH Units	1	B5B2642	02/26/2025	02/28/2025	
SAR by 20B Saturated Paste									
SAR	14.1		0.0100	SAR	1	B5B2636	02/26/2025	02/28/2025	

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-02@5-7

2/24/2025 11:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0647-02 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.81		0.00500	mmhos/cm	1	B5B2642	02/26/2025	02/28/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.48		0.249	mg/kg	10	B5B2631	02/26/2025	02/27/2025	
Barium	233		8.58	"	"	"	"	"	"
Cadmium	0.219		0.0858	"	"	"	"	"	"
Copper	19.5		8.58	"	"	"	"	"	"
Lead	15.1		0.858	"	"	"	"	"	"
Nickel	19.4		0.858	"	"	"	"	"	"
Selenium	0.331		0.223	"	"	"	"	"	"
Silver	ND		0.0858	"	"	"	"	"	"
Zinc	86.6		31.7	"	"	"	"	"	"

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-03@5-7

2/24/2025 12:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-03 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00289	0.00600	mg/kg	1	BIB1223	02/28/2025	03/03/2025	
2-Methylnaphthalene	ND	0.00723	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0402	0.0833	"	"	"	"	"	
Anthracene	ND	0.0402	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00531	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0402	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0402	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0402	0.0833	"	"	"	"	"	
Chrysene	ND	0.0402	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0402	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0402	0.0833	"	"	"	"	"	
Fluorene	ND	0.0402	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0402	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00183	0.00380	"	"	"	"	"	
Pyrene	ND	0.0402	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	68.5 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	44.8 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	17.4 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	49.4 %				21-100	"	"	"	

Origins Laboratory

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-03@5-7

2/24/2025 12:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-03 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	59.7 %			13-100		BIB1223	02/28/2025	03/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	54.6 %			25-125		"	"	"	
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC1276	03/24/2025	03/25/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.46		0.0986	mg/L	1	B5B2639	02/26/2025	02/28/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2701	02/27/2025	02/27/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	88.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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.



Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-03@5-7

2/24/2025 12:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-03 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	159 %				70-130	"	"	"	S-GC
Surrogate: Toluene-d8	94.9 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	97.2 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	7.94		0.499	meq/L	10	[CALC]	02/26/2025	02/28/2025	
Magnesium	3.62		0.823	"	"	"	"	"	
Sodium	27.8		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.25			pH Units	1	B5B2642	02/26/2025	02/28/2025	
SAR by 20B Saturated Paste									
SAR	11.6		0.0100	SAR	1	B5B2636	02/26/2025	02/28/2025	

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.



Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-03@5-7

2/24/2025 12:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0647-03 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.77	0.00500	mmhos/cm	1	B5B2642	02/26/2025	02/28/2025
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Table 915 metals by EPA 6020B

Arsenic	5.56	0.271	mg/kg	10	B5B2631	02/26/2025	02/27/2025
Barium	226	9.36	"	"	"	"	"
Cadmium	0.230	0.0936	"	"	"	"	"
Copper	19.6	9.36	"	"	"	"	"
Lead	16.4	0.936	"	"	"	"	"
Nickel	18.2	0.936	"	"	"	"	"
Selenium	0.344	0.243	"	"	"	"	"
Silver	ND	0.0936	"	"	"	"	"
Zinc	86.4	34.6	"	"	"	"	"

Origins Laboratory

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Confluence Compliance Companies, L
403 1/2 Rockwood Lane
Grand Junction CO 81507

Chris McKisson
Project Number: [none]
Project: Noble - Frank CC 7-19

MW-04@6-7

2/25/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-04 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00291	0.00600	mg/kg	1	BIB1223	02/28/2025	03/03/2025	
2-Methylnaphthalene	ND	0.00728	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0404	0.0833	"	"	"	"	"	
Anthracene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00534	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Chrysene	ND	0.0404	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0404	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Fluorene	ND	0.0404	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00184	0.00380	"	"	"	"	"	
Pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	38.4 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	27.0 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	34.1 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	30.4 %				21-100	"	"	"	

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.



Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-04@6-7

2/25/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0647-04 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	36.9 %			13-100		BIB1223	02/28/2025	03/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	34.0 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC1276	03/24/2025	03/25/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	1.24		0.0994	mg/L	1	B5B2639	02/26/2025	02/28/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2701	02/27/2025	02/27/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	81.5 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

Origins Laboratory

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-04@6-7
2/25/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0647-04 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Benzene	ND	0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	161 %			70-130	"	"	"	S-GC
Surrogate: Toluene-d8	95.3 %			70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	96.8 %			70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.57	0.499	meq/L	10	[CALC]	02/26/2025	02/28/2025	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	11.4	0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.28		pH Units	1	B5B2642	02/26/2025	02/28/2025	
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SAR by 20B Saturated Paste

SAR	10.6	0.0100	SAR	1	B5B2636	02/26/2025	02/28/2025	
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Origins Laboratory

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-04@6-7

2/25/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0647-04 (Soil)
 Origins Laboratory**

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.44		0.00500	mmhos/cm	1	B5B2642	02/26/2025	02/28/2025	
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Table 915 metals by EPA 6020B

Arsenic	6.19		0.259	mg/kg	10	B5B2631	02/26/2025	02/27/2025	
Barium	181		8.92	"	"	"	"	"	"
Cadmium	0.251		0.0892	"	"	"	"	"	"
Copper	21.1		8.92	"	"	"	"	"	"
Lead	16.2		0.892	"	"	"	"	"	"
Nickel	21.4		0.892	"	"	"	"	"	"
Selenium	0.294		0.232	"	"	"	"	"	"
Silver	ND		0.0892	"	"	"	"	"	"
Zinc	93.7		33.0	"	"	"	"	"	"

Origins Laboratory

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-05@6-7

2/25/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0647-05 (Soil)
 Enthalpy Analytical**

PAH by SW8270

1-Methylnaphthalene	ND	0.00290	0.00600	mg/kg	1	BIB1223	02/28/2025	03/03/2025	
2-Methylnaphthalene	ND	0.00726	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0403	0.0833	"	"	"	"	"	
Anthracene	ND	0.0403	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00532	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0403	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0403	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0403	0.0833	"	"	"	"	"	
Chrysene	ND	0.0403	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0403	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0403	0.0833	"	"	"	"	"	
Fluorene	ND	0.0403	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0403	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00184	0.00380	"	"	"	"	"	
Pyrene	ND	0.0403	0.0833	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol (Surr)	42.0 %			15-96	"	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	30.4 %			19-105	"	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	9.48 %			12-95	"	"	"	"	S
Surrogate: Nitrobenzene-d5 (Surr)	30.7 %			21-100	"	"	"	"	

Origins Laboratory

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-05@6-7

2/25/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0647-05 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	38.9 %			13-100		BIB1223	02/28/2025	03/03/2025	
Surrogate: p-Terphenyl-d14 (Surr)	30.9 %			25-125		"	"	"	

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC1276	03/24/2025	03/25/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	0.980		0.0985	mg/L	1	B5B2640	02/26/2025	02/28/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2701	02/27/2025	02/27/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.7 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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.

Confluence Compliance Companies, L
403 1/2 Rockwood Lane
Grand Junction CO 81507

Chris McKisson
Project Number: [none]
Project: Noble - Frank CC 7-19

MW-05@6-7

2/25/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0647-05 (Soil) Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2627	02/26/2025	02/27/2025	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	154 %				70-130	"	"	"	S-GC
Surrogate: Toluene-d8	96.8 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	98.7 %				70-130	"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	9.48		0.499	meq/L	10	[CALC]	02/26/2025	02/28/2025	
Magnesium	5.07		0.823	"	"	"	"	"	
Sodium	7.20		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.06			pH Units	1	B5B2642	02/26/2025	02/28/2025	
SAR by 20B Saturated Paste									
SAR	2.67		0.0100	SAR	1	B5B2636	02/26/2025	02/28/2025	

Origins Laboratory

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

MW-05@6-7

2/25/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0647-05 (Soil)
 Origins Laboratory**

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.93		0.00500	mmhos/cm	1	B5B2642	02/26/2025	02/28/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.51		0.275	mg/kg	10	B5B2631	02/26/2025	02/27/2025	
Barium	259		9.49	"	"	"	"	"	"
Cadmium	0.225		0.0949	"	"	"	"	"	"
Copper	19.3		9.49	"	"	"	"	"	"
Lead	31.9		0.949	"	"	"	"	"	"
Nickel	17.4		0.949	"	"	"	"	"	"
Selenium	0.512		0.247	"	"	"	"	"	"
Silver	ND		0.0949	"	"	"	"	"	"
Zinc	83.3		35.1	"	"	"	"	"	"

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.



Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

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 B5B2636 - Saturated Paste Metals

Blank (B5B2636-BLK1)

Prepared: 02/26/2025 Analyzed: 02/28/2025

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

Duplicate (B5B2636-DUP1)

Source: E5B0643-02

Prepared: 02/26/2025 Analyzed: 02/28/2025

SAR	ND	0.0100	SAR	0.363				200		
Calcium PPM	3.99	10.0	mg/L	4.31				7.71	50	
Magnesium PPM	1.56	10.0	"	1.56				0.00	50	
Sodium PPM	3.59	10.0	"	3.46				3.69	50	

Batch B5B2639 - DTPA Sorbitol Preparation

Blank (B5B2639-BLK1)

Prepared: 02/26/2025 Analyzed: 02/28/2025

Boron	ND	0.100	mg/L							
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Duplicate (B5B2639-DUP1)

Source: E5B0643-01

Prepared: 02/26/2025 Analyzed: 02/28/2025

Boron	ND	0.0996	mg/L	ND					50	
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Batch B5B2640 - DTPA Sorbitol Preparation

Blank (B5B2640-BLK1)

Prepared: 02/26/2025 Analyzed: 02/28/2025

Boron	ND	0.100	mg/L							
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Duplicate (B5B2640-DUP1)

Source: E5B0647-05

Prepared: 02/26/2025 Analyzed: 02/28/2025

Boron	0.818	0.101	mg/L	0.980				18.1	50	
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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.



Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

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 B5B2701 - EPA 3550B

Blank (B5B2701-BLK1)

Prepared: 02/27/2025 Analyzed: 02/27/2025

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	25		"	24.9		102	50-150			

LCS (B5B2701-BS1)

Prepared: 02/27/2025 Analyzed: 02/27/2025

Diesel (C10-C28)	917	50.0	mg/kg	1000		91.7	70-130			
Residual Range Organics (C28-C40)	978	200	"	1000		97.8	70-130			
Surrogate: o-Terphenyl	52		"	49.8		104	50-150			

Matrix Spike (B5B2701-MS1)

Source: E5B0641-01

Prepared: 02/27/2025 Analyzed: 02/27/2025

Diesel (C10-C28)	931	50.0	mg/kg	1000	ND	93.1	70-130			
Residual Range Organics (C28-C40)	1000	200	"	1000	ND	100	70-130			
Surrogate: o-Terphenyl	47		"	49.8		93.9	50-150			

Matrix Spike Dup (B5B2701-MSD1)

Source: E5B0641-01

Prepared: 02/27/2025 Analyzed: 02/27/2025

Diesel (C10-C28)	902	50.0	mg/kg	1000	ND	90.2	70-130	3.10	35	
Residual Range Organics (C28-C40)	988	200	"	1000	ND	98.8	70-130	1.37	35	
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

Origins Laboratory

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

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 B5B2631 - EPA 3050B

Blank (B5B2631-BLK1)

Prepared: 02/26/2025 Analyzed: 02/27/2025

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

LCS (B5B2631-BS1)

Prepared: 02/26/2025 Analyzed: 02/27/2025

Arsenic	5.61	0.290	mg/kg	5.00		112	80-120			
Barium	538	10.0	"	500		108	80-120			
Cadmium	5.22	0.100	"	5.00		104	80-120			
Copper	53.6	10.0	"	50.0		107	80-120			
Lead	5.34	1.00	"	5.00		107	80-120			
Nickel	5.80	1.00	"	5.00		116	80-120			
Selenium	5.32	0.260	"	5.00		106	80-120			
Silver	5.28	0.100	"	5.00		106	80-120			
Zinc	54.2	37.0	"	50.0		108	80-120			

Matrix Spike (B5B2631-MS1)

Source: E5B0643-01

Prepared: 02/26/2025 Analyzed: 02/27/2025

Arsenic	6.13	0.247	mg/kg	4.26	1.40	111	75-125			
Barium	514	8.53	"	426	46.9	109	75-125			
Cadmium	4.47	0.0853	"	4.26	0.0496	104	75-125			
Copper	47.7	8.53	"	42.6	2.79	105	75-125			
Lead	8.31	0.853	"	4.26	3.56	111	75-125			

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Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

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 B5B2631 - EPA 3050B

Matrix Spike (B5B2631-MS1)

Source: E5B0643-01

Prepared: 02/26/2025 Analyzed: 02/27/2025

Nickel	8.32	0.853	mg/kg	4.26	3.43	115	75-125			
Selenium	4.43	0.222	"	4.26	0.0617	102	75-125			
Silver	4.55	0.0853	"	4.26	0.0112	106	75-125			
Zinc	62.1	31.5	"	42.6	17.2	105	75-125			

Matrix Spike Dup (B5B2631-MSD1)

Source: E5B0643-01

Prepared: 02/26/2025 Analyzed: 02/27/2025

Arsenic	6.53	0.250	mg/kg	4.31	1.40	119	75-125	6.33	20	
Barium	561	8.61	"	431	46.9	119	75-125	8.80	20	
Cadmium	4.94	0.0861	"	4.31	0.0496	114	75-125	9.97	20	
Copper	54.7	8.61	"	43.1	2.79	120	75-125	13.6	20	
Lead	8.94	0.861	"	4.31	3.56	125	75-125	7.33	20	
Nickel	8.94	0.861	"	4.31	3.43	128	75-125	7.12	20	QM-07
Selenium	4.89	0.224	"	4.31	0.0617	112	75-125	9.90	20	
Silver	4.91	0.0861	"	4.31	0.0112	114	75-125	7.77	20	
Zinc	66.4	31.9	"	43.1	17.2	114	75-125	6.66	20	

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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 B5B2642 - Saturated Paste pH/EC

Blank (B5B2642-BLK1)

Prepared: 02/26/2025 Analyzed: 02/28/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5B2642-DUP1)

Source: E5B0643-02

Prepared: 02/26/2025 Analyzed: 02/28/2025

Specific Conductance (EC)	0.0739	0.00500	mmhos/cm		0.0740			0.135	25	
pH	7.77		pH Units		7.74			0.387	25	

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Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

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 B5B2627 - EPA 5030 (soil)

Blank (B5B2627-BLK1)

Prepared: 02/26/2025 Analyzed: 02/26/2025

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

Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125	129	70-130
Surrogate: Toluene-d8	0.12		"	0.125	97.7	70-130
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	99.9	70-130

LCS (B5B2627-BS1)

Prepared: 02/26/2025 Analyzed: 02/26/2025

1,2,4-Trimethylbenzene	0.0897	0.00200	mg/kg	0.100	89.7	70-130
1,3,5-Trimethylbenzene	0.0895	0.00200	"	0.100	89.5	70-130
Benzene	0.0861	0.00200	"	0.100	86.1	70-130
Ethylbenzene	0.0838	0.00200	"	0.100	83.8	70-130
Toluene	0.0841	0.00200	"	0.100	84.1	70-130
o-Xylene	0.0874	0.00200	"	0.100	87.4	70-130
m,p-Xylene	0.163	0.00400	"	0.200	81.7	70-130
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125	124	70-130
Surrogate: Toluene-d8	0.12		"	0.125	99.0	70-130
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	101	70-130

Matrix Spike (B5B2627-MS1)

Source: E5B0638-01

Prepared: 02/26/2025 Analyzed: 02/26/2025

1,2,4-Trimethylbenzene	0.0758	0.00200	mg/kg	0.100	ND	75.8	70-130
1,3,5-Trimethylbenzene	0.0761	0.00200	"	0.100	ND	76.1	70-130
Benzene	0.0766	0.00200	"	0.100	0.000600	76.0	70-130

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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

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 B5B2627 - EPA 5030 (soil)

Matrix Spike (B5B2627-MS1)		Source: E5B0638-01			Prepared: 02/26/2025 Analyzed: 02/26/2025					
Ethylbenzene	0.0736	0.00200	mg/kg	0.100	ND	73.6	70-130			
Toluene	0.0727	0.00200	"	0.100	ND	72.7	70-130			
o-Xylene	0.0761	0.00200	"	0.100	ND	76.1	70-130			
m,p-Xylene	0.142	0.00400	"	0.200	ND	70.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		125	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Matrix Spike Dup (B5B2627-MSD1)		Source: E5B0638-01			Prepared: 02/26/2025 Analyzed: 02/26/2025					
1,2,4-Trimethylbenzene	0.0682	0.00200	mg/kg	0.100	ND	68.2	70-130	10.5	20	QM-07
1,3,5-Trimethylbenzene	0.0673	0.00200	"	0.100	ND	67.3	70-130	12.3	20	QM-07
Benzene	0.0680	0.00200	"	0.100	0.000600	67.4	70-130	12.0	20	QM-07
Ethylbenzene	0.0646	0.00200	"	0.100	ND	64.6	70-130	13.0	20	QM-07
Toluene	0.0644	0.00200	"	0.100	ND	64.4	70-130	12.1	20	QM-07
o-Xylene	0.0680	0.00200	"	0.100	ND	68.0	70-130	11.3	20	QM-07
m,p-Xylene	0.126	0.00400	"	0.200	ND	62.8	70-130	12.1	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		127	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

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Confluence Compliance Companies, L
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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

PAH by SW8270 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1223 - SW3550C/EPA600-MS

Blank (BIB1223-BLK1)

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

1-Methylnaphthalene	ND	0.00600	mg/kg				-			
2-Methylnaphthalene	ND	0.0150	"				-			
Acenaphthene	ND	0.0833	"				-			
Anthracene	ND	0.0833	"				-			
Benzo (a) anthracene	ND	0.0110	"				-			
Benzo (a) pyrene	ND	0.0833	"				-			
Benzo (b) fluoranthene	ND	0.0833	"				-			
Benzo (k) fluoranthene	ND	0.0833	"				-			
Chrysene	ND	0.0833	"				-			
Dibenz (a,h) anthracene	ND	0.0833	"				-			
Fluoranthene	ND	0.0833	"				-			
Fluorene	ND	0.0833	"				-			
Indeno (1,2,3-cd) pyrene	ND	0.0833	"				-			
Naphthalene	ND	0.00380	"				-			
Pyrene	ND	0.0833	"				-			

Surrogate: 2,4,6-Tribromophenol (Surr)	2.49		"	3.33		74.8	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	1.08		"	1.67		64.6	19-105			
Surrogate: 2-Fluorophenol (Surr)	2.28		"	3.33		68.3	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.994		"	1.67		59.6	21-100			
Surrogate: Phenol-d5 (Surr)	2.39		"	3.33		71.8	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.15		"	1.67		69.1	25-125			

LCS (BIB1223-BS1)

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

1-Methylnaphthalene	ND	0.0833	mg/kg				0-200			
2-Methylnaphthalene	ND	0.0833	"				70-130			
Acenaphthene	1.08	0.0833	"	1.67		64.6	24-110			
Anthracene	1.11	0.0833	"	1.67		66.6	25-117			

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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

**PAH by SW8270 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1223 - SW3550C/EPA600-MS

LCS (BIB1223-BS1)

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

Benzo (a) anthracene	1.16	0.0833	mg/kg	1.67		69.8	25-127			
Benzo (a) pyrene	1.29	0.0833	"	1.67		77.1	18-127			
Benzo (b) fluoranthene	1.34	0.0833	"	1.67		80.2	20-132			
Benzo (k) fluoranthene	1.14	0.0833	"	1.67		68.2	14-136			
Chrysene	1.26	0.0833	"	1.67		75.9	21-141			
Dibenz (a,h) anthracene	1.45	0.0833	"	1.67		87.2	10-142			
Fluoranthene	1.24	0.0833	"	1.67		74.7	19-138			
Fluorene	1.03	0.0833	"	1.67		61.8	25-114			
Indeno (1,2,3-cd) pyrene	1.31	0.0833	"	1.67		78.5	10-136			
Naphthalene	0.876	0.0833	"	1.67		52.6	18-109			
Pyrene	0.993	0.0833	"	1.67		59.6	17-159			
Surrogate: 2,4,6-Tribromophenol (Surr)	2.26		"	3.33		67.9	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.855		"	1.67		51.3	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.69		"	3.33		50.6	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.745		"	1.67		44.7	21-100			
Surrogate: Phenol-d5 (Surr)	1.75		"	3.33		52.6	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.01		"	1.67		60.4	25-125			

Matrix Spike (BIB1223-MS1)

Source: 25B2106-05

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

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			
Acenaphthene	1.11	0.0833	"	1.60	ND	69.2	10-124			
Anthracene	1.04	0.0833	"	1.60	ND	65.1	10-143			
Benzo (a) anthracene	1.00	0.0833	"	1.60	ND	62.6	10-169			
Benzo (a) pyrene	1.14	0.0833	"	1.60	ND	71.6	10-149			
Benzo (b) fluoranthene	1.15	0.0833	"	1.60	ND	72.2	10-150			
Benzo (k) fluoranthene	1.00	0.0833	"	1.60	ND	62.9	10-211			

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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

**PAH by SW8270 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1223 - SW3550C/EPA600-MS

Matrix Spike (BIB1223-MS1)		Source: 25B2106-05			Prepared: 02/28/2025 Analyzed: 03/03/2025					
Chrysene	1.07	0.0833	mg/kg	1.60	ND	66.8	10-172			
Dibenz (a,h) anthracene	1.35	0.0833	"	1.60	ND	84.2	10-128			
Fluoranthene	1.10	0.0833	"	1.60	ND	69.1	10-271			
Fluorene	1.04	0.0833	"	1.60	ND	65.3	10-124			
Indeno (1,2,3-cd) pyrene	1.21	0.0833	"	1.60	ND	75.5	10-127			
Naphthalene	0.945	0.0833	"	1.60	ND	59.1	10-118			
Pyrene	0.895	0.0833	"	1.60	ND	56.0	10-212			
Surrogate: 2,4,6-Tribromophenol (Surr)	2.30		"	3.19		71.9	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.899		"	1.60		56.3	19-105			
Surrogate: 2-Fluorophenol (Surr)	0.905		"	3.19		28.3	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.813		"	1.60		50.9	21-100			
Surrogate: Phenol-d5 (Surr)	1.95		"	3.19		61.0	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.900		"	1.60		56.4	25-125			

Matrix Spike Dup (BIB1223-MSD1)		Source: 25B2106-05			Prepared: 02/28/2025 Analyzed: 03/03/2025					
1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200		20	
2-Methylnaphthalene	ND	0.0833	"		ND		70-130		20	
Acenaphthene	0.939	0.0833	"	1.58	ND	59.4	10-124	16.3	20	
Anthracene	0.898	0.0833	"	1.58	ND	56.8	10-143	14.6	20	
Benzo (a) anthracene	0.885	0.0833	"	1.58	ND	56.0	10-169	12.1	20	
Benzo (a) pyrene	1.04	0.0833	"	1.58	ND	65.4	10-149	9.97	20	
Benzo (b) fluoranthene	1.00	0.0833	"	1.58	ND	63.3	10-150	13.9	20	
Benzo (k) fluoranthene	0.909	0.0833	"	1.58	ND	57.4	10-211	10.1	20	
Chrysene	0.956	0.0833	"	1.58	ND	60.4	10-172	11.0	20	
Dibenz (a,h) anthracene	1.18	0.0833	"	1.58	ND	74.8	10-128	12.8	20	
Fluoranthene	0.979	0.0833	"	1.58	ND	61.8	10-271	12.1	20	
Fluorene	0.879	0.0833	"	1.58	ND	55.5	10-124	17.1	20	

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Chris McKisson
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 Project: Noble - Frank CC 7-19

**PAH by SW8270 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1223 - SW3550C/EPA600-MS

Matrix Spike Dup (BIB1223-MSD1)

Source: 25B2106-05

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

Indeno (1,2,3-cd) pyrene	1.07	0.0833	mg/kg	1.58	ND	67.7	10-127	11.9	20	
Naphthalene	0.817	0.0833	"	1.58	ND	51.7	10-118	14.4	20	
Pyrene	0.771	0.0833	"	1.58	ND	48.7	10-212	14.9	20	
Surrogate: 2,4,6-Tribromophenol (Surr)	1.96		"	3.16		62.0	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.766		"	1.58		48.4	19-105			
Surrogate: 2-Fluorophenol (Surr)	0.618		"	3.16		19.5	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.719		"	1.58		45.4	21-100			
Surrogate: Phenol-d5 (Surr)	1.69		"	3.16		53.5	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.781		"	1.58		49.4	25-125			

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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Frank CC 7-19

TOTAL METALS BY SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIC1276 - No Prep IC-WET										
Blank (BIC1276-BLK1)										
					Prepared: 03/24/2025 Analyzed: 03/25/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BIC1276-BS1)										
					Prepared: 03/24/2025 Analyzed: 03/25/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		99.6	80-120			
LCS (BIC1276-BS2)										
					Prepared: 03/24/2025 Analyzed: 03/25/2025					
Chromium, Hexavalent	8.34	1.00	mg/kg	8.04		104	80-120			
Matrix Spike (BIC1276-MS1)										
		Source: 25C1882-01			Prepared: 03/24/2025 Analyzed: 03/25/2025					
Chromium, Hexavalent	2.09	0.20	mg/kg	2.02	ND	104	75-125			
Matrix Spike Dup (BIC1276-MSD1)										
		Source: 25C1882-01			Prepared: 03/24/2025 Analyzed: 03/25/2025					
Chromium, Hexavalent	2.16	0.20	mg/kg	2.02	ND	107	75-125	3.20	20	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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403 1/2 Rockwood Lane
Grand Junction CO 81507

Chris McKisson
Project Number: [none]
Project: Noble - Frank CC 7-19

Notes and Definitions

- U Sample is Non-Detect.
 - S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
 - S Surrogate recovery was outside acceptance criteria
 - QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
 - P Duplicate analysis does not meet the acceptance criteria for precision
 - M Matrix spike recovery is outside established acceptance limits
 - L LCS recovery is outside of established acceptance limits
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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