



Confluence Compliance Companies, LL

Chris McKisson

403 1/2 Rockwood Lane

Grand Junction CO 81507

August 19, 2025

Project Name - Noble - Derr 21-04

Project Number - [none]

Attached are your analytical results for Noble - Derr 21-04 received by Origins Laboratory August 08, 2025. This project is associated with Origins project number E5H0212-01.

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 - Derr 21-04

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP02-FL@5'	E5H0212-01	Soil	August 7, 2025 10:10	08/08/2025 17:10
SEP01-FL@5'	E5H0212-02	Soil	August 7, 2025 10:50	08/08/2025 17:10
FL01-04@5'	E5H0212-03	Soil	August 7, 2025 11:15	08/08/2025 17:10

Origins Laboratory

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ORIGINS LABORATORY

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

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

ORIGINS
 LABORATORY

ESH0212

Page 1 of 1


Temp Received: 10°C Received On Ice? Yes No

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis										Comments
						TOC	VOCs	PAHs	PH, EC, SAR	Iron	Lead	Cadmium	Chromium	As	Hg	
1	SEM-FLE5	8/7	1010	3	UNP	X	X	X	X	X	X	X	X	X	X	
2	SEM-FLE5	8/7	1050	3	UNP	X	X	X	X	X	X	X	X	X	X	
3	FLO-0405	8/7	1115	3	UNP	X	X	X	X	X	X	X	X	X	X	
4																
5																
6																
7																
8																
9																
10																

Client: Confluence Compliance Companies / Noble
 Address: 413 1/2 Rockwood Lane
 Telephone Number: Grand Junction CO 81507
 Email Address: Chris.McKisson@confluence.com
 Project Manager: Chris McKisson
 Project Name: Derr 21-04
 Project Number: [none]
 Collected By: JS
 Invoice Billing Info: Mike Fungy + Lauren Hoff
 Key: M=Water GW=Groundwater SW=Surface Water WW=Waste Water L=Liquid

Retrieved By: JS Date: 8/7/25 Time: 1740
 Received By: NB Date: 8/8/25 Time: 1515
 Retrievished By: NB Date: 8/8/25 Time: 1738
 Received By: NLM Date: 08/08/25 Time: 1710

Turnaround Time
 SAME DAY 24 HR
 48 HR 72

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 - Derr 21-04

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: ESH0212

Client: Confluence

Client Project ID: Derr 21-04

Checklist Completed by: OME / NKM

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

Date/time completed: 8/11/25

Airbill #: N/A

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

Cooler Number/Temperature: 1, 1.0 °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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager)

08/12/25
 Date/Time Reviewed

Origins Laboratory

ESH

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

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

SEP02-FL@5'

8/7/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0212-01 (Soil)									
GEL Laboratories, LLC									
TOTAL METALS BY 7196A									
Hexavalent Chromium	ND	0.116	0.289	mg/kg dry	1	2847257	08/18/2025	08/18/2025	U
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.847		0.100	mg/L	1	B5H1119	08/11/2025	08/12/2025	
CA MG NA SAR H2O ext									
Calcium PPM	47.6		10.0	"	10	B5H1104	08/11/2025	08/12/2025	
Magnesium PPM	13.0		10.0	"	"	"	"	"	
Sodium PPM	ND		10.0	"	"	"	"	"	Ua
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5H1109	08/11/2025	08/11/2025	Ua
Residual Range Organics (C28-C36)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	88.6 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg	1	B5H1122	08/11/2025	08/11/2025	Ua

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 Project: Noble - Derr 21-04

SEP02-FL@5'

8/7/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0212-01 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

1,3,5-Trimethylbenzene	ND		0.002	mg/kg	1	B5H1122	08/11/2025	08/11/2025	Ua
Benzene	ND		0.002	"	"	"	"	"	Ua
Ethylbenzene	ND		0.002	"	"	"	"	"	Ua
Naphthalene	ND		0.004	"	"	"	"	"	Ua
Toluene	ND		0.002	"	"	"	"	"	Ua
Xylenes, total	ND		0.002	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	105 %								
Surrogate: Toluene-d8	100 %								
Surrogate: 4-Bromofluorobenzene	95.8 %								

Metals by Saturated Paste by EPA 6010

Calcium	2.38		0.499	meq/L	10	[CALC]	08/11/2025	08/12/2025	
Magnesium	1.07		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5H1229	08/12/2025	08/12/2025	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua

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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

SEP02-FL@5'

8/7/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0212-01 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Acenaphthene	ND		0.020	mg/kg	1	B5H1229	08/12/2025	08/12/2025	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	0.005		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (g,h,i) perylene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua
Fluorene	ND		0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Phenanthrene	ND		0.020	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua
Surrogate: Fluorene-d10	99.6 %			60-130	"	"	"	"	
Surrogate: Anthracene-d10	98.7 %			60-130	"	"	"	"	
Surrogate: Pyrene-d10	96.9 %			60-130	"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130	"	"	"	"	

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Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

SEP02-FL@5'

8/7/2025 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0212-01 (Soil)
 Origins Laboratory**

pH in Soil by 9045D

pH	8.14			pH Units	1	B5H1106	08/11/2025	08/12/2025	
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SAR by 20B Saturated Paste

SAR	0.0894		0.0100	SAR	1	B5H1104	08/11/2025	08/12/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.406		0.00500	mmhos/cm	1	B5H1106	08/11/2025	08/12/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.56		0.286	mg/kg	10	B5H1124	08/11/2025	08/13/2025	
Barium	120		80.9	"	"	"	"	"	
Cadmium	ND		0.375	"	"	"	"	"	Ua
Copper	ND		45.4	"	"	"	"	"	Ua
Lead	14.5		13.8	"	"	"	"	"	
Nickel	ND		25.6	"	"	"	"	"	Ua
Selenium	0.395		0.256	"	"	"	"	"	
Silver	ND		0.789	"	"	"	"	"	Ua
Zinc	ND		365	"	"	"	"	"	Ua

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

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

SEP01-FL@5'

8/7/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0212-02 (Soil)									
GEL Laboratories, LLC									
TOTAL METALS BY 7196A									
Hexavalent Chromium	ND	0.119	0.297	mg/kg dry	1	2847257	08/18/2025	08/18/2025	U
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.715		0.0996	mg/L	1	B5H1119	08/11/2025	08/12/2025	
CA MG NA SAR H2O ext									
Calcium PPM	50.3		10.0	"	10	B5H1104	08/11/2025	08/12/2025	
Magnesium PPM	12.4		10.0	"	"	"	"	"	
Sodium PPM	ND		10.0	"	"	"	"	"	Ua
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5H1109	08/11/2025	08/11/2025	Ua
Residual Range Organics (C28-C36)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	83.8 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg	1	B5H1122	08/11/2025	08/11/2025	Ua

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

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

SEP01-FL@5'

8/7/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0212-02 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

1,3,5-Trimethylbenzene	ND		0.002	mg/kg	1	B5H1122	08/11/2025	08/11/2025	Ua
Benzene	ND		0.002	"	"	"	"	"	Ua
Ethylbenzene	ND		0.002	"	"	"	"	"	Ua
Naphthalene	ND		0.004	"	"	"	"	"	Ua
Toluene	ND		0.002	"	"	"	"	"	Ua
Xylenes, total	ND		0.002	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	107 %				70-130	"	"	"	
Surrogate: Toluene-d8	101 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	95.9 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.51		0.499	meq/L	10	[CALC]	08/11/2025	08/12/2025	
Magnesium	1.02		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5H1229	08/12/2025	08/12/2025	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua

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

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

SEP01-FL@5'

8/7/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0212-02 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Acenaphthene	ND		0.020	mg/kg	1	B5H1229	08/12/2025	08/12/2025	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (g,h,i) perylene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua
Fluorene	ND		0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Phenanthrene	ND		0.020	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua
Surrogate: Fluorene-d10	100 %			60-130	"	"	"	"	
Surrogate: Anthracene-d10	98.7 %			60-130	"	"	"	"	
Surrogate: Pyrene-d10	96.1 %			60-130	"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130	"	"	"	"	

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 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

SEP01-FL@5'

8/7/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0212-02 (Soil)
 Origins Laboratory**

pH in Soil by 9045D

pH	8.18			pH Units	1	B5H1106	08/11/2025	08/12/2025	
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SAR by 20B Saturated Paste

SAR	0.216		0.0100	SAR	1	B5H1104	08/11/2025	08/12/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.480		0.00500	mmhos/cm	1	B5H1106	08/11/2025	08/12/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.46		0.269	mg/kg	10	B5H1124	08/11/2025	08/13/2025	
Barium	124		76.0	"	"	"	"	"	
Cadmium	ND		0.352	"	"	"	"	"	Ua
Copper	ND		42.6	"	"	"	"	"	Ua
Lead	ND		13.0	"	"	"	"	"	Ua
Nickel	ND		24.1	"	"	"	"	"	Ua
Selenium	0.416		0.241	"	"	"	"	"	
Silver	ND		0.742	"	"	"	"	"	Ua
Zinc	ND		343	"	"	"	"	"	Ua

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 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

FL01-04@5'

8/7/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0212-03 (Soil)
GEL Laboratories, LLC

TOTAL METALS BY 7196A

Hexavalent Chromium	ND	0.127	0.317	mg/kg dry	1	2847257	08/18/2025	08/18/2025	U
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	0.542		0.0994	mg/L	1	B5H1119	08/11/2025	08/12/2025	
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CA MG NA SAR H2O ext

Calcium PPM	183		10.0	"	10	B5H1104	08/11/2025	08/12/2025	
Magnesium PPM	100		10.0	"	"	"	"	"	
Sodium PPM	399		10.0	"	"	"	"	"	

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5H1109	08/11/2025	08/11/2025	Ua
Residual Range Organics (C28-C36)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	92.1 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg	1	B5H1122	08/11/2025	08/11/2025	Ua
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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

FL01-04@5'

8/7/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0212-03 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
1,3,5-Trimethylbenzene	ND		0.002	mg/kg	1	B5H1122	08/11/2025	08/11/2025	Ua
Benzene	ND		0.002	"	"	"	"	"	Ua
Ethylbenzene	ND		0.002	"	"	"	"	"	Ua
Naphthalene	ND		0.004	"	"	"	"	"	Ua
Toluene	ND		0.002	"	"	"	"	"	Ua
Xylenes, total	ND		0.002	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua
Surrogate: 1,2-Dichloroethane-d4	106 %								
Surrogate: Toluene-d8	101 %								
Surrogate: 4-Bromofluorobenzene	95.4 %								
Metals by Saturated Paste by EPA 6010									
Calcium	9.12		0.499	meq/L	10	[CALC]	08/11/2025	08/12/2025	
Magnesium	8.27		0.823	"	"	"	"	"	
Sodium	17.4		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg	1	B5H1229	08/12/2025	08/12/2025	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua

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 - Derr 21-04

FL01-04@5'

8/7/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0212-03 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Acenaphthene	ND		0.020	mg/kg	1	B5H1229	08/12/2025	08/12/2025	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (g,h,i) perylene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua
Fluorene	ND		0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Phenanthrene	ND		0.020	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	100 %			60-130	"	"	"	"	
Surrogate: Anthracene-d10	98.1 %			60-130	"	"	"	"	
Surrogate: Pyrene-d10	97.4 %			60-130	"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130	"	"	"	"	

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Confluence Compliance Companies, L
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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

FL01-04@5'

8/7/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0212-03 (Soil)
 Origins Laboratory**

pH in Soil by 9045D

pH	8.08			pH Units	1	B5H1106	08/11/2025	08/12/2025	
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SAR by 20B Saturated Paste

SAR	5.89		0.0100	SAR	1	B5H1104	08/11/2025	08/12/2025	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.94		0.00500	mmhos/cm	1	B5H1106	08/11/2025	08/12/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.18		0.263	mg/kg	10	B5H1124	08/11/2025	08/13/2025	
Barium	145		74.4	"	"	"	"	"	
Cadmium	ND		0.345	"	"	"	"	"	Ua
Copper	ND		41.8	"	"	"	"	"	Ua
Lead	ND		12.7	"	"	"	"	"	Ua
Nickel	ND		23.6	"	"	"	"	"	Ua
Selenium	0.661		0.236	"	"	"	"	"	
Silver	ND		0.726	"	"	"	"	"	Ua
Zinc	ND		336	"	"	"	"	"	Ua

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Confluence Compliance Companies, L
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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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 B5H1104 - Saturated Paste Metals

Blank (B5H1104-BLK1)

Prepared: 08/11/2025 Analyzed: 08/12/2025

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 (B5H1104-DUP1)

Source: E5H0207-01

Prepared: 08/11/2025 Analyzed: 08/12/2025

Calcium PPM	16.2	10.0	mg/L		17.7		8.73	50		
SAR	ND	0.0100	SAR		3.61			200		Ua
Magnesium PPM	4.96	10.0	mg/L		5.15		3.76	50		Ua
Sodium PPM	74.8	10.0	"		67.1		11.0	50		

Batch B5H1119 - DTPA Sorbitol Preparation

Blank (B5H1119-BLK1)

Prepared: 08/11/2025 Analyzed: 08/12/2025

Boron	ND	0.100	mg/L							Ua
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Duplicate (B5H1119-DUP1)

Source: E5H0212-01

Prepared: 08/11/2025 Analyzed: 08/12/2025

Boron	0.789	0.0990	mg/L		0.847		7.06	50		
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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H1229 - EPA 3580

Blank (B5H1229-BLK1)

Prepared: 08/12/2025 Analyzed: 08/12/2025

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

Surrogate: Fluorene-d10	200		ug/kg	200		99.3	60-130			
Surrogate: Anthracene-d10	190		"	200		97.2	60-130			
Surrogate: Pyrene-d10	190		"	200		97.2	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

LCS (B5H1229-BS1)

Prepared: 08/12/2025 Analyzed: 08/12/2025

1-Methylnaphthalene	0.197	0.002	mg/kg	0.200		98.7	70-130			
2-Methylnaphthalene	0.216	0.002	"	0.200		108	70-130			
Acenaphthene	0.190	0.020	"	0.200		94.8	70-130			
Anthracene	0.185	0.020	"	0.200		92.5	70-130			

Origins Laboratory

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Confluence Compliance Companies, L
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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H1229 - EPA 3580

LCS (B5H1229-BS1)

Prepared: 08/12/2025 Analyzed: 08/12/2025

Benzo (a) anthracene	0.180	0.005	mg/kg	0.200		89.8	70-130			
Benzo (a) pyrene	0.180	0.020	"	0.200		90.2	70-130			
Benzo (b) fluoranthene	0.198	0.020	"	0.200		99.0	70-130			
Benzo (g,h,i) perylene	0.192	0.020	"	0.200		96.1	70-130			
Benzo (k) fluoranthene	0.170	0.020	"	0.200		85.2	70-130			
Chrysene	0.182	0.020	"	0.200		91.0	70-130			
Dibenz (a,h) anthracene	0.191	0.020	"	0.200		95.3	70-130			
Fluoranthene	0.188	0.020	"	0.200		94.1	70-130			
Fluorene	0.182	0.020	"	0.200		91.2	70-130			
Indeno (1,2,3-cd) pyrene	0.190	0.020	"	0.200		95.2	70-130			
Naphthalene	0.190	0.002	"	0.200		95.0	70-130			
Phenanthrene	0.185	0.020	"	0.200		92.5	70-130			
Pyrene	0.187	0.020	"	0.200		93.7	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		96.6	60-130			
Surrogate: Pyrene-d10	190		"	200		97.3	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Matrix Spike (B5H1229-MS1)

Source: E5H0118-01

Prepared: 08/12/2025 Analyzed: 08/12/2025

1-Methylnaphthalene	0.551	0.002	mg/kg	0.200	0.529	11.0	70-130			QM-07
2-Methylnaphthalene	0.487	0.002	"	0.200	0.368	59.7	70-130			QM-07
Acenaphthene	0.492	0.020	"	0.200	0.320	85.8	70-130			
Anthracene	0.230	0.020	"	0.200	0.366	NR	70-130			QM-07
Benzo (a) anthracene	0.187	0.005	"	0.200	ND	93.7	70-130			
Benzo (a) pyrene	0.187	0.020	"	0.200	0.0008	92.9	70-130			
Benzo (b) fluoranthene	0.206	0.020	"	0.200	ND	103	70-130			
Benzo (g,h,i) perylene	0.203	0.020	"	0.200	0.0005	101	70-130			

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 - Derr 21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H1229 - EPA 3580

Matrix Spike (B5H1229-MS1)		Source: E5H0118-01			Prepared: 08/12/2025 Analyzed: 08/12/2025					
Benzo (k) fluoranthene	0.190	0.020	mg/kg	0.200	ND	95.0	70-130			
Chrysene	0.192	0.020	"	0.200	0.001	95.7	70-130			
Dibenz (a,h) anthracene	0.201	0.020	"	0.200	0.0007	100	70-130			
Fluoranthene	0.200	0.020	"	0.200	0.029	85.6	70-130			
Fluorene	0.470	0.020	"	0.200	0.383	43.7	70-130			QM-07
Indeno (1,2,3-cd) pyrene	0.205	0.020	"	0.200	ND	103	70-130			
Naphthalene	0.206	0.002	"	0.200	0.030	87.9	70-130			
Phenanthrene	0.365	0.020	"	0.200	0.232	66.5	70-130			QM-07
Pyrene	0.237	0.020	"	0.200	0.056	90.4	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		98.8	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Matrix Spike Dup (B5H1229-MSD1)		Source: E5H0118-01			Prepared: 08/12/2025 Analyzed: 08/12/2025					
1-Methylnaphthalene	0.434	0.002	mg/kg	0.200	0.529	NR	70-130	23.7	20	QM-07, QR-DUP
2-Methylnaphthalene	0.388	0.002	"	0.200	0.368	10.1	70-130	22.7	20	QM-07, QR-DUP
Acenaphthene	0.390	0.020	"	0.200	0.320	35.1	70-130	23.0	20	QM-07, QR-DUP
Anthracene	0.218	0.020	"	0.200	0.366	NR	70-130	5.44	20	QM-07
Benzo (a) anthracene	0.185	0.005	"	0.200	ND	92.6	70-130	1.19	20	
Benzo (a) pyrene	0.183	0.020	"	0.200	0.0008	91.3	70-130	1.71	20	
Benzo (b) fluoranthene	0.205	0.020	"	0.200	ND	103	70-130	0.519	20	
Benzo (g,h,i) perylene	0.200	0.020	"	0.200	0.0005	99.7	70-130	1.35	20	
Benzo (k) fluoranthene	0.185	0.020	"	0.200	ND	92.5	70-130	2.68	20	
Chrysene	0.190	0.020	"	0.200	0.001	94.3	70-130	1.44	20	

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Confluence Compliance Companies, L
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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H1229 - EPA 3580

Matrix Spike Dup (B5H1229-MSD1)

Source: E5H0118-01

Prepared: 08/12/2025 Analyzed: 08/12/2025

Dibenz (a,h) anthracene	0.198	0.020	mg/kg	0.200	0.0007	98.9	70-130	1.52	20	
Fluoranthene	0.200	0.020	"	0.200	0.029	85.5	70-130	0.0591	20	
Fluorene	0.408	0.020	"	0.200	0.383	12.7	70-130	14.1	20	QM-07
Indeno (1,2,3-cd) pyrene	0.200	0.020	"	0.200	ND	99.8	70-130	2.66	20	
Naphthalene	0.204	0.002	"	0.200	0.030	86.9	70-130	0.928	20	
Phenanthrene	0.327	0.020	"	0.200	0.232	47.5	70-130	11.0	20	QM-07
Pyrene	0.223	0.020	"	0.200	0.056	83.8	70-130	5.75	20	
Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		99.4	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

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

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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 B5H1109 - EPA 3550B

Blank (B5H1109-BLK1)

Prepared: 08/11/2025 Analyzed: 08/11/2025

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C36)	ND	100	"							Ua
Surrogate: o-Terphenyl	28		"	24.9		114	50-150			

LCS (B5H1109-BS1)

Prepared: 08/11/2025 Analyzed: 08/11/2025

Diesel (C10-C28)	1260	50.0	mg/kg	1000		126	70-130			
Residual Range Organics (C28-C36)	1250	200	"	1000		125	70-130			
Surrogate: o-Terphenyl	59		"	49.8		119	50-150			

Matrix Spike (B5H1109-MS1)

Source: E5H0203-01

Prepared: 08/11/2025 Analyzed: 08/11/2025

Diesel (C10-C28)	1080	50.0	mg/kg	1000	ND	108	70-130			
Residual Range Organics (C28-C36)	1200	200	"	1000	68.7	113	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.1	50-150			

Matrix Spike Dup (B5H1109-MSD1)

Source: E5H0203-01

Prepared: 08/11/2025 Analyzed: 08/11/2025

Diesel (C10-C28)	1000	50.0	mg/kg	1000	ND	100	70-130	7.82	35	
Residual Range Organics (C28-C36)	1070	200	"	1000	68.7	100	70-130	11.6	35	
Surrogate: o-Terphenyl	46		"	49.8		91.7	50-150			

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

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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 B5H1124 - EPA 3050B

Blank (B5H1124-BLK1)

Prepared: 08/11/2025 Analyzed: 08/13/2025

Arsenic	ND	0.290	mg/kg							Ua
Barium	ND	82.0	"							Ua
Cadmium	ND	0.380	"							Ua
Copper	ND	46.0	"							Ua
Lead	ND	14.0	"							Ua
Nickel	ND	26.0	"							Ua
Selenium	ND	0.260	"							Ua
Silver	ND	0.800	"							Ua
Zinc	ND	370	"							Ua

LCS (B5H1124-BS1)

Prepared: 08/11/2025 Analyzed: 08/13/2025

Arsenic	5.68	0.290	mg/kg	5.00		114	80-120			
Barium	523	82.0	"	500		105	80-120			
Cadmium	5.73	0.380	"	5.00		115	80-120			
Copper	54.6	46.0	"	50.0		109	80-120			
Lead	5.39	14.0	"	5.00		108	80-120			Ua
Nickel	5.46	26.0	"	5.00		109	80-120			Ua
Selenium	5.81	0.260	"	5.00		116	80-120			
Silver	5.37	0.800	"	5.00		107	80-120			
Zinc	55.3	370	"	50.0		111	80-120			Ua

Matrix Spike (B5H1124-MS1)

Source: E5H0207-01

Prepared: 08/11/2025 Analyzed: 08/13/2025

Arsenic	8.93	0.284	mg/kg	4.89	3.16	118	75-125			
Barium	667	80.2	"	489	64.4	123	75-125			
Cadmium	6.36	0.372	"	4.89	0.119	128	75-125			QM-07
Copper	67.7	45.0	"	48.9	6.34	125	75-125			
Lead	15.0	13.7	"	4.89	7.53	152	75-125			QM-07

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 - Derr 21-04

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 B5H1124 - EPA 3050B

Matrix Spike (B5H1124-MS1)

Source: E5H0207-01

Prepared: 08/11/2025 Analyzed: 08/13/2025

Nickel	11.8	25.4	mg/kg	4.89	5.57	128	75-125			QM-07, Ua
Selenium	6.14	0.254	"	4.89	0.153	122	75-125			
Silver	5.92	0.783	"	4.89	0.0166	121	75-125			
Zinc	83.4	362	"	48.9	28.1	113	75-125			Ua

Matrix Spike Dup (B5H1124-MSD1)

Source: E5H0207-01

Prepared: 08/11/2025 Analyzed: 08/13/2025

Arsenic	9.07	0.267	mg/kg	4.61	3.16	128	75-125	1.51	20	QM-07
Barium	601	75.6	"	461	64.4	116	75-125	10.4	20	
Cadmium	5.70	0.350	"	4.61	0.119	121	75-125	11.0	20	
Copper	61.1	42.4	"	46.1	6.34	119	75-125	10.2	20	
Lead	12.9	12.9	"	4.61	7.53	117	75-125	14.6	20	Ua
Nickel	11.7	24.0	"	4.61	5.57	133	75-125	1.01	20	QM-07, Ua
Selenium	5.52	0.240	"	4.61	0.153	116	75-125	10.6	20	
Silver	5.19	0.738	"	4.61	0.0166	112	75-125	13.0	20	
Zinc	82.5	341	"	46.1	28.1	118	75-125	1.02	20	Ua

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 - Derr 21-04

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 B5H1106 - Saturated Paste pH/EC

Blank (B5H1106-BLK1)

Prepared: 08/11/2025 Analyzed: 08/12/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							Ua
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Duplicate (B5H1106-DUP1)

Source: E5H0207-01

Prepared: 08/11/2025 Analyzed: 08/12/2025

Specific Conductance (EC)	0.514	0.00500	mmhos/cm		0.478			7.33	25	
pH	8.38		pH Units		8.38			0.00	25	

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 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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 B5H1122 - EPA 5030 (soil)

Blank (B5H1122-BLK1)

Prepared: 08/11/2025 Analyzed: 08/11/2025

1,2,4-Trimethylbenzene	ND	0.002	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.002	"							Ua
Benzene	ND	0.002	"							Ua
Ethylbenzene	ND	0.002	"							Ua
Naphthalene	ND	0.004	"							Ua
Toluene	ND	0.002	"							Ua
Xylenes, total	ND	0.002	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.4	70-130			

LCS (B5H1122-BS1)

Prepared: 08/11/2025 Analyzed: 08/11/2025

1,2,4-Trimethylbenzene	0.113	0.002	mg/kg	0.100		113	70-130			
1,3,5-Trimethylbenzene	0.113	0.002	"	0.100		113	70-130			
Benzene	0.111	0.002	"	0.100		111	70-130			
Ethylbenzene	0.117	0.002	"	0.100		117	70-130			
Naphthalene	0.103	0.004	"	0.100		103	70-130			
Toluene	0.111	0.002	"	0.100		111	70-130			
o-Xylene	0.114	0.002	"	0.100		114	70-130			
m,p-Xylene	0.219	0.004	"	0.200		109	70-130			

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Matrix Spike (B5H1122-MS1)

Source: E5H0203-01

Prepared: 08/11/2025 Analyzed: 08/12/2025

1,2,4-Trimethylbenzene	0.094	0.002	mg/kg	0.100	ND	93.9	70-130			
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Confluence Compliance Companies, L
 403 1/2 Rockwood Lane
 Grand Junction CO 81507

Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

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 B5H1122 - EPA 5030 (soil)

Matrix Spike (B5H1122-MS1)			Source: E5H0203-01			Prepared: 08/11/2025 Analyzed: 08/12/2025				
1,3,5-Trimethylbenzene	0.095	0.002	mg/kg	0.100	ND	94.8	70-130			
Benzene	0.094	0.002	"	0.100	ND	93.7	70-130			
Ethylbenzene	0.098	0.002	"	0.100	ND	98.5	70-130			
Naphthalene	0.077	0.004	"	0.100	ND	76.8	70-130			
Toluene	0.095	0.002	"	0.100	ND	94.6	70-130			
o-Xylene	0.096	0.002	"	0.100	ND	96.4	70-130			
m,p-Xylene	0.183	0.004	"	0.200	ND	91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Matrix Spike Dup (B5H1122-MSD1)			Source: E5H0203-01			Prepared: 08/11/2025 Analyzed: 08/12/2025				
1,2,4-Trimethylbenzene	0.108	0.002	mg/kg	0.100	ND	108	70-130	14.1	20	
1,3,5-Trimethylbenzene	0.107	0.002	"	0.100	ND	107	70-130	12.0	20	
Benzene	0.114	0.002	"	0.100	ND	114	70-130	19.8	20	
Ethylbenzene	0.113	0.002	"	0.100	ND	113	70-130	13.9	20	
Naphthalene	0.099	0.004	"	0.100	ND	98.8	70-130	25.0	20	QR-02
Toluene	0.111	0.002	"	0.100	ND	111	70-130	16.0	20	
o-Xylene	0.111	0.002	"	0.100	ND	111	70-130	14.4	20	
m,p-Xylene	0.211	0.004	"	0.200	ND	105	70-130	14.2	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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Chris McKisson
 Project Number: [none]
 Project: Noble - Derr 21-04

TOTAL METALS BY 7196A - 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 2847257 - SW846 3060A

BLANK (1206202775-BLK)

Prepared: 08/18/2025 Analyzed: 08/18/2025

Hexavalent Chromium	ND	0.380	mg/kg				-			U
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LCS (1206202776-BKS)

Prepared: 08/18/2025 Analyzed: 08/18/2025

Hexavalent Chromium	3.72	0.362	mg/kg	3.62		103	80-120			
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DUP (1206202777 D)

Source: 737754001

Prepared: 08/18/2025 Analyzed: 08/18/2025

Hexavalent Chromium	ND	0.466	mg/kg dry		<0.186		0-50	N/A	50	U
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MS (1206202778 S)

Source: 737754001

Prepared: 08/18/2025 Analyzed: 08/18/2025

Hexavalent Chromium	2.40	0.409	mg/kg dry	4.09	<0.164	58.5	75-125			
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DUP (1206202779 D)

Source: E5H0212-01

Prepared: 08/18/2025 Analyzed: 08/18/2025

Hexavalent Chromium	ND	0.289	mg/kg dry		<0.116		0-50	N/A	50	U
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MS (1206202780 S)

Source: E5H0212-01

Prepared: 08/18/2025 Analyzed: 08/18/2025

Hexavalent Chromium	1.98	0.416	mg/kg dry	4.16	<0.166	45.8	75-125			
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ILCS (1206202800-ILCS)

Prepared: 08/18/2025 Analyzed: 08/18/2025

Hexavalent Chromium	8.02	0.380	mg/kg	7.61		105	80-120			
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Confluence Compliance Companies, L
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Grand Junction CO 81507

Chris McKisson
Project Number: [none]
Project: Noble - Derr 21-04

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

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.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND 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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