



Tasman Geosciences

January 28, 2026

Eric Vonde

4725 N. Independence St.

Wheat Ridge CO 80033

Project Name - Noble - Dr. Joe CC 06-09

Project Number - 10015

Attached are your analytical results for Noble - Dr. Joe CC 06-09 received by Origins Laboratory January 20, 2026. This project is associated with Origins project number DJA0276-01.

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.

The laboratory is TNI accredited by the Utah DHHS ELAP under certificate number CO010822024.

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



Tasman Geosciences
4725 N. Independence St.
Wheat Ridge CO 80033

Eric Vonde
Project Number: 10015
Project: Noble - Dr. Joe CC 06-09

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS01-E@4'	DJA0276-01	Soil	January 20, 2026 10:33	01/20/2026 14:59
SS02-E@4'	DJA0276-02	Soil	January 20, 2026 10:40	01/20/2026 14:59
SS03-E@4'	DJA0276-03	Soil	January 20, 2026 10:51	01/20/2026 14:59
SS04-E@4'	DJA0276-04	Soil	January 20, 2026 10:22	01/20/2026 14:59
SS05-E@4'	DJA0276-05	Soil	January 20, 2026 10:26	01/20/2026 14:59
SS06-E@4'	DJA0276-06	Soil	January 20, 2026 10:31	01/20/2026 14:59
FS01-E@6'	DJA0276-07	Soil	January 20, 2026 10:42	01/20/2026 14:59
FS02-E@6'	DJA0276-08	Soil	January 20, 2026 10:44	01/20/2026 14:59

Origins Laboratory

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Kayla Kenyon, Project Manager

Sample Receipt Checklist

Origins Work Order: DJA0276

Client: Tasman

Client Project ID: Dr. JOE

Checklist Completed by: SMC/NKM

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

Date/time completed: 01/20/26

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 1.2 °C / _____ °C / _____ °C / _____ °C (Describe)

Thermometer ID: T1004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) NKM

Date/Time Reviewed 01/20/26



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS01-E@4'
1/20/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-01 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	393400	01/23/2026	01/23/2026	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6A21024	01/21/2026	01/22/2026	U
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U
Surrogate: o-Terphenyl	72.9 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon, Project Manager



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SS01-E@4'
1/20/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-01 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Gasoline Range Hydrocarbons	ND		0.207	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
Surrogate: 1,2-Dichloroethane-d4	116 %			70-130		"	"	"	
Surrogate: Toluene-d8	80.3 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	94.5 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	3.50		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	2.08		0.823	"	"	"	"	"	
Sodium	5.52		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U

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1/20/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-01 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	106 %			60-130		"	"	"	
Surrogate: Anthracene-d10	106 %			60-130		"	"	"	
Surrogate: Pyrene-d10	95.0 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.9			mass percent	1	6A20099	01/20/2026	01/20/2026	
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pH in Soil by 9045D

pH	8.06			pH Units	1	6A21040	01/21/2026	01/22/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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SS01-E@4'
1/20/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-01 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.30		0.0100	SAR	1	6A21032	01/21/2026	01/22/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.16		0.00500	mmhos/cm	1	6A21040	"	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	2.01		0.208	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	ND		58.6	"	"	"	"	"	U
Cadmium	ND		0.272	"	"	"	"	"	U
Copper	ND		32.9	"	"	"	"	"	U
Lead	ND		10.0	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	ND		0.176	"	"	"	"	"	U
Silver	ND		0.572	"	"	"	"	"	U
Zinc	ND		265	"	"	"	"	"	U

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SS02-E@4'
1/20/2026 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-02 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	393400	01/23/2026	01/23/2026	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6A21024	01/21/2026	01/22/2026	U
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.8	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U
Surrogate: o-Terphenyl	66.9 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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SS02-E@4'
1/20/2026 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-02 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.205	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
Surrogate: 1,2-Dichloroethane-d4	120 %			70-130	"	"	"	"	
Surrogate: Toluene-d8	87.6 %			70-130	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %			70-130	"	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.742		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.61		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U

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SS02-E@4'

1/20/2026 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-02 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	96.0 %			60-130		"	"	"	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	102 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.8			mass percent	1	6A20099	01/20/2026	01/20/2026	
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pH in Soil by 9045D

pH	8.78			pH Units	1	6A21040	01/21/2026	01/22/2026	
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SAR by 20B Saturated Paste

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SS02-E@4'
1/20/2026 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-02 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	5.83		0.0100	SAR	1	6A21032	01/21/2026	01/22/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.718		0.00500	mmhos/cm	1	6A21040	"	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.27		0.197	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	ND		55.6	"	"	"	"	"	U
Cadmium	ND		0.258	"	"	"	"	"	U
Copper	ND		31.2	"	"	"	"	"	U
Lead	ND		9.50	"	"	"	"	"	U
Nickel	ND		17.6	"	"	"	"	"	U
Selenium	ND		0.167	"	"	"	"	"	U
Silver	ND		0.543	"	"	"	"	"	U
Zinc	ND		251	"	"	"	"	"	U

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 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
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SS03-E@4'
1/20/2026 10:51:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-03 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	393400	01/23/2026	01/23/2026	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.216		0.102	mg/L dry	1	6A21024	01/21/2026	01/22/2026	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U

Surrogate: o-Terphenyl	66.8 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS03-E@4'
1/20/2026 10:51:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-03 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.202	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
Surrogate: 1,2-Dichloroethane-d4	120 %			70-130	"	"	"	"	
Surrogate: Toluene-d8	83.1 %			70-130	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	95.5 %			70-130	"	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	3.11		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	1.41		0.823	"	"	"	"	"	
Sodium	3.74		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U

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SS03-E@4'

1/20/2026 10:51:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-03 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	105 %			60-130		"	"	"	
Surrogate: Anthracene-d10	101 %			60-130		"	"	"	
Surrogate: Pyrene-d10	105 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.4			mass percent	1	6A20099	01/20/2026	01/20/2026	
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pH in Soil by 9045D

pH	8.14			pH Units	1	6A21040	01/21/2026	01/22/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS03-E@4'
1/20/2026 10:51:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-03 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	2.49		0.0100	SAR	1	6A21032	01/21/2026	01/22/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.911		0.00500	mmhos/cm	1	6A21040	"	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	2.01		0.197	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	133		55.5	"	"	"	"	"	
Cadmium	ND		0.257	"	"	"	"	"	U
Copper	ND		31.2	"	"	"	"	"	U
Lead	18.1		9.48	"	"	"	"	"	
Nickel	ND		17.6	"	"	"	"	"	U
Selenium	ND		0.167	"	"	"	"	"	U
Silver	ND		0.542	"	"	"	"	"	U
Zinc	ND		251	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS04-E@4'
1/20/2026 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-04 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	393400	01/23/2026	01/24/2026	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.182		0.101	mg/L dry	1	6A21024	01/21/2026	01/22/2026	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U
Surrogate: o-Terphenyl	64.0 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon, Project Manager



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 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS04-E@4'
1/20/2026 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-04 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.206	mg/kg dry	1	6A20092	01/20/2026	01/20/2026	U
Surrogate: 1,2-Dichloroethane-d4	115 %			70-130	"	"	"	"	
Surrogate: Toluene-d8	86.2 %			70-130	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	109 %			70-130	"	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	6.05		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	3.77		0.823	"	"	"	"	"	
Sodium	7.81		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.021	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS04-E@4'
1/20/2026 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-04 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.021	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	103 %			60-130		"	"	"	
Surrogate: Anthracene-d10	100 %			60-130		"	"	"	
Surrogate: Pyrene-d10	97.1 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.2			mass percent	1	6A20099	01/20/2026	01/20/2026	
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pH in Soil by 9045D

pH	8.20			pH Units	1	6A21040	01/21/2026	01/22/2026	
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SAR by 20B Saturated Paste

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS04-E@4'
1/20/2026 10:22:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-04 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.53		0.0100	SAR	1	6A21032	01/21/2026	01/22/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.77		0.00500	mmhos/cm	1	6A21040	"	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.82		0.201	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	57.6		56.8	"	"	"	"	"	
Cadmium	ND		0.263	"	"	"	"	"	U
Copper	ND		31.9	"	"	"	"	"	U
Lead	ND		9.70	"	"	"	"	"	U
Nickel	ND		18.0	"	"	"	"	"	U
Selenium	ND		0.170	"	"	"	"	"	U
Silver	ND		0.554	"	"	"	"	"	U
Zinc	ND		256	"	"	"	"	"	U

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ORIGINS LABORATORY

Tasman Geosciences
4725 N. Independence St.
Wheat Ridge CO 80033

Eric Vonde
Project Number: 10015
Project: Noble - Dr. Joe CC 06-09

SS05-E@4'
1/20/2026 10:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-05 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	393400	01/23/2026	01/24/2026	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.257		0.103	mg/L dry	1	6A21024	01/21/2026	01/22/2026	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.9	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U
Surrogate: o-Terphenyl	64.6 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS05-E@4'
1/20/2026 10:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-05 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Gasoline Range Hydrocarbons	ND		0.208	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	119 %			70-130		"	"	"	
Surrogate: Toluene-d8	90.0 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	96.0 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	11.3		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	6.53		0.823	"	"	"	"	"	
Sodium	10.8		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.021	"	"	"	"	"	U

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Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS05-E@4'
1/20/2026 10:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-05 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.021	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	104 %			60-130		"	"	"	
Surrogate: Anthracene-d10	104 %			60-130		"	"	"	
Surrogate: Pyrene-d10	93.5 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	96.8			mass percent	1	6A20099	01/20/2026	01/20/2026	
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pH in Soil by 9045D

pH	7.94			pH Units	1	6A21040	01/21/2026	01/22/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS05-E@4'
1/20/2026 10:26:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-05 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.62		0.0100	SAR	1	6A21032	01/21/2026	01/22/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.44		0.00500	mmhos/cm	1	6A21040	"	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	3.76		0.207	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	ND		58.5	"	"	"	"	"	U
Cadmium	ND		0.271	"	"	"	"	"	U
Copper	ND		32.8	"	"	"	"	"	U
Lead	ND		9.99	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	ND		0.176	"	"	"	"	"	U
Silver	ND		0.571	"	"	"	"	"	U
Zinc	ND		264	"	"	"	"	"	U

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Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS06-E@4'
1/20/2026 10:31:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-06 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	393400	01/23/2026	01/24/2026	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6A21024	01/21/2026	01/22/2026	U
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.5	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U
Surrogate: o-Terphenyl	65.6 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS06-E@4'
1/20/2026 10:31:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-06 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Gasoline Range Hydrocarbons	ND		0.207	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	116 %			70-130		"	"	"	
Surrogate: Toluene-d8	76.4 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	99.0 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	7.56		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	4.59		0.823	"	"	"	"	"	
Sodium	6.92		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.021	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS06-E@4'
1/20/2026 10:31:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-06 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.021	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	102 %			60-130		"	"	"	
Surrogate: Anthracene-d10	100 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.2			mass percent	1	6A20099	01/20/2026	01/20/2026	
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pH in Soil by 9045D

pH	7.96			pH Units	1	6A21040	01/21/2026	01/22/2026	
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SAR by 20B Saturated Paste

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

SS06-E@4'
1/20/2026 10:31:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-06 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	2.81		0.0100	SAR	1	6A21032	01/21/2026	01/22/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.75		0.00500	mmhos/cm	1	6A21040	"	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.90		0.202	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	58.9		57.0	"	"	"	"	"	
Cadmium	ND		0.264	"	"	"	"	"	U
Copper	ND		32.0	"	"	"	"	"	U
Lead	ND		9.73	"	"	"	"	"	U
Nickel	ND		18.1	"	"	"	"	"	U
Selenium	ND		0.171	"	"	"	"	"	U
Silver	ND		0.556	"	"	"	"	"	U
Zinc	ND		257	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS01-E06'
1/20/2026 10:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-07 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	393400	01/23/2026	01/24/2026	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.716		0.104	mg/L dry	1	6A21024	01/21/2026	01/22/2026	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		26.2	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		105	"	"	"	"	"	U
Surrogate: o-Terphenyl	60.6 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS01-E06'
1/20/2026 10:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-07 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.210	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	118 %			70-130	"	"	"	"	
Surrogate: Toluene-d8	85.7 %			70-130	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %			70-130	"	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	7.40		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	4.86		0.823	"	"	"	"	"	
Sodium	11.6		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	0.009		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.021	"	"	"	"	"	U
Chrysene	ND		0.021	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Tasman Geosciences
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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS01-E06'
1/20/2026 10:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-07 (Soil)									
Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Dibenz (a,h) anthracene	ND		0.021	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	104 %			60-130		"	"	"	
Surrogate: Anthracene-d10	99.1 %			60-130		"	"	"	
Surrogate: Pyrene-d10	109 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.4 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	96.0			mass percent	1	6A20099	01/20/2026	01/20/2026	
pH in Soil by 9045D									
pH	7.88			pH Units	1	6A21040	01/21/2026	01/22/2026	
SAR by 20B Saturated Paste									
SAR	4.67		0.0100	SAR	1	6A21032	"	01/22/2026	

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Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS01-E06'
1/20/2026 10:42:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-07 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.33		0.00500	mmhos/cm	1	6A21040	01/21/2026	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.85		0.207	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	ND		58.3	"	"	"	"	"	U
Cadmium	ND		0.270	"	"	"	"	"	U
Copper	ND		32.7	"	"	"	"	"	U
Lead	ND		9.95	"	"	"	"	"	U
Nickel	ND		18.5	"	"	"	"	"	U
Selenium	ND		0.175	"	"	"	"	"	U
Silver	ND		0.569	"	"	"	"	"	U
Zinc	ND		263	"	"	"	"	"	U

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Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS02-E06'
1/20/2026 10:44:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-08 (Soil)									
Enthalpy Orange									
Total Metals by 7199									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	393400	01/23/2026	01/24/2026	ND
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.101	mg/L dry	1	6A21024	01/21/2026	01/22/2026	U
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A20081	01/20/2026	01/20/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U
Surrogate: o-Terphenyl	64.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS02-E06'
1/20/2026 10:44:00AM

DJA0276-08 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Gasoline Range Hydrocarbons	ND		0.201	mg/kg dry	1	6A20092	01/20/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	122 %			70-130		"	"	"	
Surrogate: Toluene-d8	89.1 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	97.6 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	01/21/2026	01/22/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.07		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U

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Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS02-E06'
1/20/2026 10:44:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0276-08 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A20082	01/20/2026	01/20/2026	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	107 %			60-130		"	"	"	
Surrogate: Anthracene-d10	98.0 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.5			mass percent	1	6A20099	01/20/2026	01/20/2026	
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pH in Soil by 9045D

pH	8.95			pH Units	1	6A21040	01/21/2026	01/22/2026	
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SAR by 20B Saturated Paste

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Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS02-E06'
1/20/2026 10:44:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0276-08 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	6.62		0.0100	SAR	1	6A21032	01/21/2026	01/22/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.552		0.00500	mmhos/cm	1	6A21040	"	01/22/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.65		0.199	mg/kg dry	10	6A20089	01/20/2026	01/21/2026	
Barium	ND		56.1	"	"	"	"	"	U
Cadmium	ND		0.260	"	"	"	"	"	U
Copper	ND		31.5	"	"	"	"	"	U
Lead	ND		9.57	"	"	"	"	"	U
Nickel	ND		17.8	"	"	"	"	"	U
Selenium	ND		0.168	"	"	"	"	"	U
Silver	ND		0.547	"	"	"	"	"	U
Zinc	ND		253	"	"	"	"	"	U

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 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A20099 - % Solids

Duplicate (6A20099-DUP1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/20/2026

Total Solids, Percent	83.8		mass percent		83.7			0.0884	20	
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Duplicate (6A20099-DUP2)

Source: DJA0272-02

Prepared: 01/20/2026 Analyzed: 01/20/2026

Total Solids, Percent	88.4		mass percent		88.3			0.124	20	
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 Wheat Ridge CO 80033

Eric Vonde
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 Project: Noble - Dr. Joe CC 06-09

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 6A21024 - DTPA Sorbitol Preparation

Blank (6A21024-BLK1)

Prepared: 01/21/2026 Analyzed: 01/22/2026

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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Duplicate (6A21024-DUP1)

Source: **DJA0276-01**

Prepared: 01/21/2026 Analyzed: 01/22/2026

(DTPA Sorbitol) Boron	0.0929	0.102	mg/L dry		0.0770			18.7	50	U
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Batch 6A21032 - Saturated Paste Metals

Blank (6A21032-BLK1)

Prepared: 01/21/2026 Analyzed: 01/22/2026

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

Duplicate (6A21032-DUP1)

Source: **DJA0276-01**

Prepared: 01/21/2026 Analyzed: 01/22/2026

SAR	ND	0.0100	SAR		3.30				200	U
Calcium PPM	57.3	10.0	mg/L		70.2			20.3	50	
Magnesium PPM	21.0	10.0	"		25.3			18.6	50	
Sodium PPM	121	10.0	"		127			4.75	50	

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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

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 6A20082 - EPA 3580

Blank (6A20082-BLK1)

Prepared: 01/20/2026 Analyzed: 01/20/2026

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

Surrogate: Fluorene-d10	210		ug/kg	200	104	60-130
Surrogate: Anthracene-d10	200		"	200	99.3	60-130
Surrogate: Pyrene-d10	200		"	200	100	60-130
Surrogate: Benzo (a) pyrene-d12	210		"	200	104	60-130

LCS (6A20082-BS1)

Prepared: 01/20/2026 Analyzed: 01/20/2026

1-Methylnaphthalene	0.175	0.002	mg/kg wet	0.197	88.8	70-130
2-Methylnaphthalene	0.179	0.002	"	0.197	90.8	70-130
Acenaphthene	0.207	0.020	"	0.197	105	70-130
Anthracene	0.217	0.020	"	0.197	110	70-130
Benzo (a) anthracene	0.216	0.005	"	0.197	109	70-130
Benzo (a) pyrene	0.200	0.020	"	0.197	101	70-130

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Kayla Kenyon, Project Manager



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 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

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 6A20082 - EPA 3580

LCS (6A20082-BS1)

Prepared: 01/20/2026 Analyzed: 01/20/2026

Benzo (b) fluoranthene	0.211	0.020	mg/kg wet	0.197		107	70-130			
Benzo (g,h,i) perylene	0.204	0.020	"	0.197		103	70-130			
Benzo (k) fluoranthene	0.206	0.020	"	0.197		104	70-130			
Chrysene	0.221	0.020	"	0.197		112	70-130			
Dibenz (a,h) anthracene	0.212	0.020	"	0.197		107	70-130			
Fluoranthene	0.210	0.020	"	0.197		106	70-130			
Fluorene	0.219	0.020	"	0.197		111	70-130			
Indeno (1,2,3-cd) pyrene	0.202	0.020	"	0.197		102	70-130			
Naphthalene	0.208	0.002	"	0.197		106	70-130			
Phenanthrene	0.219	0.020	"	0.197		111	70-130			
Pyrene	0.225	0.020	"	0.197		114	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Matrix Spike (6A20082-MS1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/20/2026

1-Methylnaphthalene	0.209	0.002	mg/kg dry	0.241	ND	86.7	70-130			
2-Methylnaphthalene	0.246	0.002	"	0.241	ND	102	70-130			
Acenaphthene	0.244	0.024	"	0.241	0.002	101	70-130			
Anthracene	0.261	0.024	"	0.241	ND	108	70-130			
Benzo (a) anthracene	0.259	0.006	"	0.241	0.003	106	70-130			
Benzo (a) pyrene	0.245	0.024	"	0.241	0.0008	101	70-130			
Benzo (b) fluoranthene	0.259	0.024	"	0.241	0.003	106	70-130			
Benzo (g,h,i) perylene	0.243	0.024	"	0.241	0.003	99.6	70-130			
Benzo (k) fluoranthene	0.247	0.024	"	0.241	0.002	102	70-130			
Chrysene	0.265	0.024	"	0.241	0.001	110	70-130			

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Kayla Kenyon, Project Manager



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 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

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 6A20082 - EPA 3580

Matrix Spike (6A20082-MS1)		Source: DJA0272-01			Prepared: 01/20/2026 Analyzed: 01/20/2026					
Dibenz (a,h) anthracene	0.262	0.024	mg/kg dry	0.241	0.004	107	70-130			
Fluoranthene	0.259	0.024	"	0.241	0.002	107	70-130			
Fluorene	0.270	0.024	"	0.241	0.003	111	70-130			
Indeno (1,2,3-cd) pyrene	0.248	0.024	"	0.241	0.003	102	70-130			
Naphthalene	0.246	0.002	"	0.241	ND	102	70-130			
Phenanthrene	0.256	0.024	"	0.241	0.001	106	70-130			
Pyrene	0.271	0.024	"	0.241	ND	113	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		107	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	210		"	200		105	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		107	60-130			

Matrix Spike Dup (6A20082-MSD1)		Source: DJA0272-01			Prepared: 01/20/2026 Analyzed: 01/20/2026					
1-Methylnaphthalene	0.216	0.002	mg/kg dry	0.240	ND	90.2	70-130	3.59	20	
2-Methylnaphthalene	0.227	0.002	"	0.240	ND	94.7	70-130	7.88	20	
Acenaphthene	0.249	0.024	"	0.240	0.002	103	70-130	1.94	20	
Anthracene	0.247	0.024	"	0.240	ND	103	70-130	5.44	20	
Benzo (a) anthracene	0.269	0.006	"	0.240	0.003	111	70-130	4.02	20	
Benzo (a) pyrene	0.253	0.024	"	0.240	0.0008	105	70-130	3.37	20	
Benzo (b) fluoranthene	0.258	0.024	"	0.240	0.003	106	70-130	0.494	20	
Benzo (g,h,i) perylene	0.253	0.024	"	0.240	0.003	104	70-130	4.11	20	
Benzo (k) fluoranthene	0.260	0.024	"	0.240	0.002	108	70-130	5.40	20	
Chrysene	0.271	0.024	"	0.240	0.001	112	70-130	1.98	20	
Dibenz (a,h) anthracene	0.273	0.024	"	0.240	0.004	112	70-130	4.24	20	
Fluoranthene	0.252	0.024	"	0.240	0.002	104	70-130	2.91	20	
Fluorene	0.254	0.024	"	0.240	0.003	105	70-130	5.89	20	
Indeno (1,2,3-cd) pyrene	0.261	0.024	"	0.240	0.003	107	70-130	5.13	20	

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Kayla Kenyon, Project Manager



Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

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 6A20082 - EPA 3580

Matrix Spike Dup (6A20082-MSD1)		Source: DJA0272-01			Prepared: 01/20/2026 Analyzed: 01/20/2026					
Naphthalene	0.248	0.002	mg/kg dry	0.240	ND	103	70-130	0.739	20	
Phenanthrene	0.251	0.024	"	0.240	0.001	104	70-130	1.85	20	
Pyrene	0.257	0.024	"	0.240	ND	107	70-130	5.37	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		97.9	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		107	60-130			

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Tasman Geosciences
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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

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 6A20081 - EPA 3550B

Blank (6A20081-BLK1)

Prepared: 01/20/2026 Analyzed: 01/20/2026

Diesel (C10-C28)	ND	25.0	mg/kg wet							U
Residual Range Organics (C28-C36)	ND	100	"							U
Surrogate: o-Terphenyl	16		"	24.9		66.0	50-150			

LCS (6A20081-BS1)

Prepared: 01/20/2026 Analyzed: 01/20/2026

Diesel (C10-C28)	893	49.9	mg/kg wet	998		89.4	70-130			
Residual Range Organics (C28-C36)	994	200	"	998		99.6	70-130			
Surrogate: o-Terphenyl	40		"	49.7		79.9	50-150			

Matrix Spike (6A20081-MS1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/20/2026

Diesel (C10-C28)	1070	59.4	mg/kg dry	1190	ND	90.1	70-130			
Residual Range Organics (C28-C36)	1210	237	"	1190	ND	102	70-130			
Surrogate: o-Terphenyl	52		"	59.1		88.5	50-150			

Matrix Spike Dup (6A20081-MSD1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/20/2026

Diesel (C10-C28)	1090	59.4	mg/kg dry	1190	ND	91.5	70-130	1.48	35	
Residual Range Organics (C28-C36)	1230	237	"	1190	ND	103	70-130	1.67	35	
Surrogate: o-Terphenyl	48		"	59.1		80.9	50-150			

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Eric Vonde
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 Project: Noble - Dr. Joe CC 06-09

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 6A20089 - EPA 3050B

Blank (6A20089-BLK1)

Prepared: 01/20/2026 Analyzed: 01/21/2026

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

LCS (6A20089-BS1)

Prepared: 01/20/2026 Analyzed: 01/21/2026

Arsenic	5.91	0.218	mg/kg wet	5.00		118	80-120			
Barium	596	61.5	"	500		119	80-120			
Cadmium	5.86	0.285	"	5.00		117	80-120			
Copper	55.8	34.5	"	50.0		112	80-120			
Lead	5.82	10.5	"	5.00		116	80-120			U
Nickel	5.62	19.5	"	5.00		112	80-120			U
Selenium	5.73	0.184	"	5.00		115	80-120			
Silver	5.83	0.600	"	5.00		117	80-120			
Zinc	57.6	278	"	50.0		115	80-120			U

Matrix Spike (6A20089-MS1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/21/2026

Arsenic	8.59	0.236	mg/kg dry	5.40	2.33	116	75-125			
Barium	577	66.5	"	540	39.0	99.5	75-125			
Cadmium	5.47	0.308	"	5.40	0.208	97.5	75-125			
Copper	55.5	37.3	"	54.0	2.93	97.2	75-125			
Lead	14.3	11.3	"	5.40	7.24	130	75-125			QM-07

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Eric Vonde
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 Project: Noble - Dr. Joe CC 06-09

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 6A20089 - EPA 3050B

Matrix Spike (6A20089-MS1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/21/2026

Nickel	12.2	21.1	mg/kg dry	5.40	4.90	135	75-125			QM-07, U
Selenium	5.14	0.199	"	5.40	0.124	92.8	75-125			
Silver	5.27	0.648	"	5.40	ND	97.5	75-125			
Zinc	89.5	300	"	54.0	26.7	116	75-125			U

Matrix Spike Dup (6A20089-MSD1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/21/2026

Arsenic	8.04	0.235	mg/kg dry	5.38	2.33	106	75-125	6.59	20	
Barium	583	66.2	"	538	39.0	101	75-125	1.07	20	
Cadmium	5.46	0.307	"	5.38	0.208	97.7	75-125	0.180	20	
Copper	53.9	37.1	"	53.8	2.93	94.8	75-125	2.79	20	
Lead	14.2	11.3	"	5.38	7.24	129	75-125	0.852	20	QM-07
Nickel	11.4	21.0	"	5.38	4.90	121	75-125	6.38	20	U
Selenium	5.42	0.199	"	5.38	0.124	98.5	75-125	5.42	20	
Silver	5.11	0.646	"	5.38	ND	94.9	75-125	3.10	20	
Zinc	85.8	299	"	53.8	26.7	110	75-125	4.23	20	U

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Eric Vonde
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 Project: Noble - Dr. Joe CC 06-09

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 6A21040 - Saturated Paste pH/EC

Blank (6A21040-BLK1)

Prepared: 01/21/2026 Analyzed: 01/22/2026

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (6A21040-DUP1)

Source: DJA0276-01

Prepared: 01/21/2026 Analyzed: 01/22/2026

pH	8.22		pH Units		8.06			1.97	25	
Specific Conductance (EC)	1.07	0.00500	mmhos/cm		1.16			8.11	25	

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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 6A20092 - EPA 5030 (soil)

Prepared: 01/20/2026 Analyzed: 01/20/2026

Blank (6A20092-BLK1)

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

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		90.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.125		116	70-130			

LCS (6A20092-BS1)

Prepared: 01/20/2026 Analyzed: 01/20/2026

1,2,4-Trimethylbenzene	0.103	0.002	mg/kg wet	0.100		103	70-130			
1,3,5-Trimethylbenzene	0.106	0.002	"	0.100		106	70-130			
Benzene	0.102	0.002	"	0.100		102	70-130			
Ethylbenzene	0.100	0.002	"	0.100		100	70-130			
Naphthalene	0.099	0.004	"	0.100		99.3	70-130			
Toluene	0.100	0.002	"	0.100		99.6	70-130			
o-Xylene	0.101	0.002	"	0.100		101	70-130			
m,p-Xylene	0.194	0.004	"	0.200		97.0	70-130			

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.1	70-130			

Matrix Spike (6A20092-MS1)

Source: DJA0272-01

Prepared: 01/20/2026 Analyzed: 01/20/2026

1,2,4-Trimethylbenzene	0.115	0.002	mg/kg dry	0.120	ND	95.9	70-130			
1,3,5-Trimethylbenzene	0.115	0.002	"	0.120	ND	95.5	70-130			

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Kayla Kenyon, Project Manager



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Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

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 6A20092 - EPA 5030 (soil)

Matrix Spike (6A20092-MS1)		Source: DJA0272-01			Prepared: 01/20/2026 Analyzed: 01/20/2026					
Benzene	0.129	0.002	mg/kg dry	0.120	ND	107	70-130			
Ethylbenzene	0.107	0.002	"	0.120	ND	89.2	70-130			
Naphthalene	0.122	0.005	"	0.120	ND	102	70-130			
Toluene	0.123	0.002	"	0.120	ND	103	70-130			
o-Xylene	0.106	0.002	"	0.120	ND	88.6	70-130			
m,p-Xylene	0.209	0.005	"	0.240	ND	87.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.150		93.9	70-130			
Surrogate: Toluene-d8	0.14		"	0.150		92.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.150		94.7	70-130			

Matrix Spike Dup (6A20092-MSD1)		Source: DJA0272-01			Prepared: 01/20/2026 Analyzed: 01/20/2026					
1,2,4-Trimethylbenzene	0.127	0.002	mg/kg dry	0.120	ND	106	70-130	10.2	20	
1,3,5-Trimethylbenzene	0.131	0.002	"	0.120	ND	110	70-130	13.5	20	
Benzene	0.127	0.002	"	0.120	ND	106	70-130	0.949	20	
Ethylbenzene	0.124	0.002	"	0.120	ND	104	70-130	15.0	20	
Naphthalene	0.126	0.005	"	0.120	ND	105	70-130	3.11	20	
Toluene	0.123	0.002	"	0.120	ND	103	70-130	0.0254	20	
o-Xylene	0.125	0.002	"	0.120	ND	105	70-130	16.5	20	
m,p-Xylene	0.239	0.005	"	0.239	ND	100	70-130	13.7	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.150		95.0	70-130			
Surrogate: Toluene-d8	0.14		"	0.150		96.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.150		101	70-130			

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Kayla Kenyon, Project Manager



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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

**Total Metals by 7199 - Quality Control
 Enthalpy Orange**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 393400 - EPA 3060A										
BLANK (QC1333786)										
					Prepared: 01/23/2026 Analyzed: 01/23/2026					
Hexavalent Chromium	ND	0.30	mg/Kg							ND
LCS (QC1333787)										
					Prepared: 01/23/2026 Analyzed: 01/23/2026					
Hexavalent Chromium	40.42	0.6000	mg/Kg	40.00		101	80-120			
Duplicate (QC1333788)										
					Source: DJA0276-01 Prepared: 01/23/2026 Analyzed: 01/26/2026					
Hexavalent Chromium	ND	0.3025	mg/Kg dry		0				30	ND
Matrix Spike (QC1333790)										
					Source: DJA0276-01 Prepared: 01/23/2026 Analyzed: 01/23/2026					
Hexavalent Chromium	38.95	0.5979	mg/Kg dry	39.86	0	98	70-130			

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Kayla Kenyon, Project Manager



Tasman Geosciences
4725 N. Independence St.
Wheat Ridge CO 80033

Eric Vonde
Project Number: 10015
Project: Noble - Dr. Joe CC 06-09

Notes and Definitions

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

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Kayla Kenyon, Project Manager