



Tasman Geosciences

February 03, 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 21, 2026. This project is associated with Origins project number DJA0333-01.

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-F@3'	DJA0333-01	Soil	January 21, 2026 10:36	01/21/2026 16:35
SS02-F@3'	DJA0333-02	Soil	January 21, 2026 10:29	01/21/2026 16:35
SS03-F@3'	DJA0333-03	Soil	January 21, 2026 10:23	01/21/2026 16:35
SS04-F@3'	DJA0333-04	Soil	January 21, 2026 10:33	01/21/2026 16:35
FS01-F@7'	DJA0333-05	Soil	January 21, 2026 10:43	01/21/2026 16:35
SS01-G@3'	DJA0333-06	Soil	January 21, 2026 13:52	01/21/2026 16:35
SS02-G@3'	DJA0333-07	Soil	January 21, 2026 13:43	01/21/2026 16:35
SS03-G@3'	DJA0333-08	Soil	January 21, 2026 13:48	01/21/2026 16:35
SS04-G@3'	DJA0333-09	Soil	January 21, 2026 13:53	01/21/2026 16:35
FS01-G@5'	DJA0333-10	Soil	January 21, 2026 13:49	01/21/2026 16:35

Origins Laboratory

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Chain of Custody Record
Lab No: **DJA0333**

Turn Around Time (rush by advanced notice only)

Page: 1 of 1

Standard: 5 Day: 3 Day: 1 Day: Custom TAT: SAME-DAY

Matrix: A = Air S = Soil/Solid W = Water
 DW = Drinking Water P = Product O = Oil
 SD = Sediment T = Tissue WP = Wipe
 WW = Wastewater X = Other

Sample Type:
 C = Composite
 G = Grab or Discrete
 B = Blank O = Other

Preservatives: 0 = none
 1 = Na₂S₂O₃ 2 = HCl
 3 = HNO₃ 4 = H₂SO₄
 5 = NaOH 6 = Other

Sample Receipt Temp and Notes:
 3.4°C ice ✓
 (lab use only)

CUSTOMER INFORMATION

Company: Tasman Inc. Name: Dr. Joe CC OG-09
 Report To: Eric Vonde Number: 10015
 Email: Eric.Vonde@tasman-geo.com, Eric.V@CWV(DT).com P.O. #: UMWWE-AH040-ARB
 Address: 4725 Independence Street Address: None Energy, Inc., Lauren Huff
 Phone: 303-487-1228 Client & Client Contact: Global ID:
 Fax: Sampled By: J. Gustafson

Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Sample Type	Pres.	Cont. No.	Cont. Size	Initials	(SOIL) - ECMC Full Table 915-1	(SOIL) TPH - ECMC Table 915-1	(SOIL or GW) PAH - ECMC Table 915-1	(SOIL) pH, EC, SAR	(SOIL) Boron - HWS	(SOIL OR GW) ECMC Table 915-1 Metals	(GW) TDS, Cl, SO4	Test Instructions / Comments
1	SS01-F@3'	1/21/26	1036	S	G	0	3	4oz	JG	X						Excavation VOCs, TPH, PAHs: same-day TAT Metals, inorganics: standard TAT
2	SS02-F@3'		1029													
3	SS03-F@3'		1023													
4	SS04-F@3'		1033													
5	FS01-F@7'		1043													
6	SS01-G@3'		1352													
7	SS02-G@3'		1343													
8	SS03-G@3'		1348													
9	SS04-G@3'		1353													
10	FS01-G@5'		1349													

Signature: *Julia Gustafson* Print Name: Julia Gustafson Company / Title: Tasman Inc. Date / Time: 1/21/2026 16:35

Received By: *Miki Meyeria* Print Name: Miki Meyeria Company / Title: Enthalpy Date / Time: 01/21/26 16:35

Relinquished By: _____

Relinquished By: _____

Relinquished By: _____

Received By: _____

Sample Receipt Checklist

Origins Work Order: DJA0333 Client: Tasman
 Client Project ID: Dr. Joe
 Checklist Completed by: gmc/NKM Shipped Via: HD
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Date/time completed: 01/21/26 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 (Describe)
 Cooler Number/Temperature: 1 / 3.4 °C / _____ °C / _____ °C / _____ °C
 Thermometer ID: T-004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			/	
<u>Additional Comments (if any):</u>				

⁽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.

NKM
01/21/26
 Reviewed by (Project Manager) Date/Time Reviewed



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

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

SS01-F03'

1/21/2026 10:36:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-01 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg dry	1	BJA1238	01/30/2026	02/02/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.312		0.103	mg/L dry	1	6A22061	01/22/2026	01/26/2026	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.7	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U
Surrogate: o-Terphenyl	128 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	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

Origins Laboratory

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Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-01 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Gasoline Range Hydrocarbons	ND		0.207	mg/kg dry	1	6A21090	01/21/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	112 %			70-130		"	"	"	
Surrogate: Toluene-d8	94.2 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.9 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	2.93		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	2.14		0.823	"	"	"	"	"	
Sodium	5.69		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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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SS01-F@3'

1/21/2026 10:36:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-01 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	97.8 %			60-130		"	"	"	
Surrogate: Anthracene-d10	86.4 %			60-130		"	"	"	
Surrogate: Pyrene-d10	107 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	87.9 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.6			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.21			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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SS01-F03'
1/21/2026 10:36:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-01 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.58		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.13		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	2.20		0.194	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		54.7	"	"	"	"	"	U
Cadmium	ND		0.254	"	"	"	"	"	U
Copper	ND		30.7	"	"	"	"	"	U
Lead	ND		9.34	"	"	"	"	"	U
Nickel	ND		17.4	"	"	"	"	"	U
Selenium	ND		0.164	"	"	"	"	"	U
Silver	ND		0.534	"	"	"	"	"	U
Zinc	ND		247	"	"	"	"	"	U

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SS02-F03'

1/21/2026 10:29:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-02 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	0.09	0.08	0.20	mg/kg dry	1	BJA1238	01/30/2026	02/02/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.429		0.103	mg/L dry	1	6A22061	01/22/2026	01/26/2026	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		26.0	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		104	"	"	"	"	"	U
Surrogate: o-Terphenyl	95.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	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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SS02-F@3'

1/21/2026 10:29:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-02 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Gasoline Range Hydrocarbons	ND		0.208	mg/kg dry	1	6A21090	01/21/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	114 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.5 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	2.48		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	1.90		0.823	"	"	"	"	"	
Sodium	5.44		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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-F@3'

1/21/2026 10:29:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0333-02 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	102 %			60-130		"	"	"	
Surrogate: Anthracene-d10	83.7 %			60-130		"	"	"	
Surrogate: Pyrene-d10	111 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	86.3 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.4			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.29			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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

SS02-F03'

1/21/2026 10:29:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-02 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.68		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.987		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.94		0.195	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		55.0	"	"	"	"	"	U
Cadmium	ND		0.255	"	"	"	"	"	U
Copper	ND		30.8	"	"	"	"	"	U
Lead	ND		9.38	"	"	"	"	"	U
Nickel	ND		17.4	"	"	"	"	"	U
Selenium	ND		0.165	"	"	"	"	"	U
Silver	ND		0.536	"	"	"	"	"	U
Zinc	ND		248	"	"	"	"	"	U

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 Project: Noble - Dr. Joe CC 06-09

SS03-F03'

1/21/2026 10:23:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-03 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.21	mg/kg dry	1	BJA1238	01/30/2026	02/02/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.230		0.101	mg/L dry	1	6A22061	01/22/2026	01/26/2026	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U
Surrogate: o-Terphenyl	97.1 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	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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SS03-F@3'

1/21/2026 10:23:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-03 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Gasoline Range Hydrocarbons	ND		0.206	mg/kg dry	1	6A21090	01/21/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	112 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.5 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	1.62		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	0.928		0.823	"	"	"	"	"	
Sodium	3.11		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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

Origins Laboratory

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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

SS03-F@3'

1/21/2026 10:23:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0333-03 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	98.7 %			60-130		"	"	"	
Surrogate: Anthracene-d10	84.6 %			60-130		"	"	"	
Surrogate: Pyrene-d10	112 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	86.5 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.3			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.25			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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 Wheat Ridge CO 80033

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

SS03-F03'

1/21/2026 10:23:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-03 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	2.75		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.601		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.77		0.197	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		55.7	"	"	"	"	"	U
Cadmium	ND		0.258	"	"	"	"	"	U
Copper	ND		31.2	"	"	"	"	"	U
Lead	ND		9.51	"	"	"	"	"	U
Nickel	ND		17.7	"	"	"	"	"	U
Selenium	ND		0.167	"	"	"	"	"	U
Silver	ND		0.543	"	"	"	"	"	U
Zinc	ND		251	"	"	"	"	"	U

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SS04-F03'

1/21/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0333-04 (Soil)
Enthalpy Analytical

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.21	mg/kg dry	1	BJA1239	01/30/2026	02/02/2026	
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.225		0.103	mg/L dry	1	6A22061	01/22/2026	01/26/2026	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.1	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	96.3 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	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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Eric Vonde
 Project Number: 10015
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SS04-F03'

1/21/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-04 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Gasoline Range Hydrocarbons	ND		0.203	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	U
Surrogate: 1,2-Dichloroethane-d4	115 %			70-130		"	"	"	
Surrogate: Toluene-d8	92.2 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.6 %			70-130		"	"	"	
Metals by Saturated Paste by EPA 6010									
Calcium	2.39		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	1.48		0.823	"	"	"	"	"	
Sodium	3.06		0.435	"	"	"	"	"	
PAH by EPA 8270E extracted via 3580A									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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
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 Project: Noble - Dr. Joe CC 06-09

SS04-F@3'

1/21/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-04 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	103 %			60-130		"	"	"	
Surrogate: Anthracene-d10	85.3 %			60-130		"	"	"	
Surrogate: Pyrene-d10	99.9 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	80.1 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.1			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.10			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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

SS04-F03'

1/21/2026 10:33:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-04 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	2.20		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.744		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.87		0.194	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		54.7	"	"	"	"	"	U
Cadmium	ND		0.253	"	"	"	"	"	U
Copper	ND		30.7	"	"	"	"	"	U
Lead	ND		9.33	"	"	"	"	"	U
Nickel	ND		17.3	"	"	"	"	"	U
Selenium	ND		0.164	"	"	"	"	"	U
Silver	ND		0.533	"	"	"	"	"	U
Zinc	ND		247	"	"	"	"	"	U

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FS01-F07'

1/21/2026 10:43:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-05 (Soil)									
Enthalpy Analytical									
TOTAL METALS BY SW7199									
Chromium, Hexavalent	ND	0.08	0.21	mg/kg dry	1	BJA1239	01/30/2026	02/02/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.182		0.102	mg/L dry	1	6A22062	01/22/2026	01/26/2026	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.8	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U
Surrogate: o-Terphenyl	110 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	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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Eric Vonde
 Project Number: 10015
 Project: Noble - Dr. Joe CC 06-09

FS01-F07'

1/21/2026 10:43:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0333-05 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.207	mg/kg dry	1	6A21090	01/21/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	114 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.5 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.7 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.70		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	0.990		0.823	"	"	"	"	"	
Sodium	3.56		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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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 Wheat Ridge CO 80033

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

FS01-F07'

1/21/2026 10:43:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-05 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.021	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	98.1 %			60-130		"	"	"	
Surrogate: Anthracene-d10	86.8 %			60-130		"	"	"	
Surrogate: Pyrene-d10	107 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	89.5 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.1			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.23			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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

FS01-F07'

1/21/2026 10:43:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-05 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.07		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.682		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.63		0.188	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		53.0	"	"	"	"	"	U
Cadmium	ND		0.246	"	"	"	"	"	U
Copper	ND		29.8	"	"	"	"	"	U
Lead	ND		9.05	"	"	"	"	"	U
Nickel	ND		16.8	"	"	"	"	"	U
Selenium	ND		0.159	"	"	"	"	"	U
Silver	ND		0.517	"	"	"	"	"	U
Zinc	ND		239	"	"	"	"	"	U

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

SS01-G@3'

1/21/2026 1:52:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-06 (Soil)
 Enthalpy Analytical**

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.20	mg/kg dry	1	BJA1239	01/30/2026	02/02/2026	
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.341		0.103	mg/L dry	1	6A22062	01/22/2026	01/26/2026	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U

Surrogate: o-Terphenyl	96.4 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	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

SS01-G@3'

1/21/2026 1:52:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0333-06 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.204	mg/kg dry	1	6A21090	01/21/2026	01/21/2026	U
Surrogate: 1,2-Dichloroethane-d4	115 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.2 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	93.2 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	10.4		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	6.31		0.823	"	"	"	"	"	
Sodium	8.81		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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

SS01-G@3'

1/21/2026 1:52:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-06 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	104 %			60-130		"	"	"	
Surrogate: Anthracene-d10	83.5 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	86.0 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.8			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.14			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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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

SS01-G@3'

1/21/2026 1:52:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-06 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.05		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	2.21		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	2.16		0.193	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	57.5		54.6	"	"	"	"	"	
Cadmium	ND		0.253	"	"	"	"	"	U
Copper	ND		30.6	"	"	"	"	"	U
Lead	ND		9.32	"	"	"	"	"	U
Nickel	ND		17.3	"	"	"	"	"	U
Selenium	ND		0.164	"	"	"	"	"	U
Silver	ND		0.532	"	"	"	"	"	U
Zinc	ND		246	"	"	"	"	"	U

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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

SS02-G@3'

1/21/2026 1:43:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-07 (Soil)
 Enthalpy Analytical**

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.20	mg/kg dry	1	BJA1239	01/30/2026	02/02/2026	
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.101	mg/L dry	1	6A22062	01/22/2026	01/26/2026	U
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.5	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.0 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	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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Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

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

SS02-G@3'

1/21/2026 1:43:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-07 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.205	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	U
Surrogate: 1,2-Dichloroethane-d4	114 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.8 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	7.61		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	4.78		0.823	"	"	"	"	"	
Sodium	15.3		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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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 4725 N. Independence St.
 Wheat Ridge CO 80033

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

SS02-G@3'

1/21/2026 1:43:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-07 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	103 %			60-130		"	"	"	
Surrogate: Anthracene-d10	87.2 %			60-130		"	"	"	
Surrogate: Pyrene-d10	107 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	90.8 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.6			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.10			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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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

SS02-G@3'

1/21/2026 1:43:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-07 (Soil)
 Origins Laboratory**

SAR by 20B Saturated Paste

SAR	6.13		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.54		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
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Table 915 metals by EPA 6020B

Arsenic	1.36		0.195	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		54.9	"	"	"	"	"	U
Cadmium	ND		0.254	"	"	"	"	"	U
Copper	ND		30.8	"	"	"	"	"	U
Lead	ND		9.37	"	"	"	"	"	U
Nickel	ND		17.4	"	"	"	"	"	U
Selenium	ND		0.165	"	"	"	"	"	U
Silver	ND		0.535	"	"	"	"	"	U
Zinc	ND		248	"	"	"	"	"	U

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

SS03-G@3'

1/21/2026 1:48:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-08 (Soil)
 Enthalpy Analytical**

TOTAL METALS BY SW7199

Chromium, Hexavalent	0.10	0.08	0.20	mg/kg dry	1	BJA1239	01/30/2026	02/02/2026	J
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.536		0.103	mg/L dry	1	6A22062	01/22/2026	01/26/2026	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.8	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U

Surrogate: o-Terphenyl	91.2 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	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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Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

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

SS03-G@3'

1/21/2026 1:48:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0333-08 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.206	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	U
Surrogate: 1,2-Dichloroethane-d4	115 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.4 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	93.7 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	6.89		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	3.57		0.823	"	"	"	"	"	
Sodium	6.40		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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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Tasman Geosciences
 4725 N. Independence St.
 Wheat Ridge CO 80033

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

SS03-G@3'

1/21/2026 1:48:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-08 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	104 %			60-130		"	"	"	
Surrogate: Anthracene-d10	82.7 %			60-130		"	"	"	
Surrogate: Pyrene-d10	115 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	83.0 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.1			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.20			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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 Wheat Ridge CO 80033

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

SS03-G@3'

1/21/2026 1:48:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-08 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	2.80		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.53		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	2.57		0.203	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	59.6		57.2	"	"	"	"	"	
Cadmium	ND		0.265	"	"	"	"	"	U
Copper	ND		32.1	"	"	"	"	"	U
Lead	ND		9.77	"	"	"	"	"	U
Nickel	ND		18.1	"	"	"	"	"	U
Selenium	ND		0.172	"	"	"	"	"	U
Silver	ND		0.558	"	"	"	"	"	U
Zinc	ND		258	"	"	"	"	"	U

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

SS04-G@3'

1/21/2026 1:53:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-09 (Soil)
 Enthalpy Analytical**

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.21	mg/kg dry	1	BJA1239	01/30/2026	02/02/2026	
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.101	mg/L dry	1	6A22062	01/22/2026	01/26/2026	U
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.5	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U

Surrogate: o-Terphenyl	92.7 %				50-150	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	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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 4725 N. Independence St.
 Wheat Ridge CO 80033

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

SS04-G@3'

1/21/2026 1:53:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-09 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	U
Surrogate: 1,2-Dichloroethane-d4	114 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.9 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	92.6 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.33		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	0.851		0.823	"	"	"	"	"	
Sodium	2.49		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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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 4725 N. Independence St.
 Wheat Ridge CO 80033

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

SS04-G@3'

1/21/2026 1:53:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-09 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/21/2026	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	87.6 %			60-130		"	"	"	
Surrogate: Pyrene-d10	104 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	87.6 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	98.8			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.37			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

Origins Laboratory

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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-G@3'

1/21/2026 1:53:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-09 (Soil)
 Origins Laboratory**

SAR by 20B Saturated Paste

SAR	2.39		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.514		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
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Table 915 metals by EPA 6020B

Arsenic	1.34		0.191	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		53.9	"	"	"	"	"	U
Cadmium	ND		0.250	"	"	"	"	"	U
Copper	ND		30.2	"	"	"	"	"	U
Lead	ND		9.20	"	"	"	"	"	U
Nickel	ND		17.1	"	"	"	"	"	U
Selenium	ND		0.162	"	"	"	"	"	U
Silver	ND		0.526	"	"	"	"	"	U
Zinc	ND		243	"	"	"	"	"	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

FS01-G05'
1/21/2026 1:49:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJA0333-10 (Soil)
Enthalpy Analytical

TOTAL METALS BY SW7199

Chromium, Hexavalent	ND	0.08	0.20	mg/kg dry	1	BJA1239	01/30/2026	02/02/2026	
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Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6A22062	01/22/2026	01/26/2026	U
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.5	mg/kg dry	1	6A21092	01/21/2026	01/21/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U

Surrogate: o-Terphenyl	91.3 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	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

FS01-G05'

1/21/2026 1:49:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-10 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.202	mg/kg dry	1	6A21090	01/21/2026	01/22/2026	U
Surrogate: 1,2-Dichloroethane-d4	114 %			70-130		"	"	"	
Surrogate: Toluene-d8	93.3 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	93.0 %			70-130		"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.823		0.499	meq/L	10	[CALC]	01/22/2026	01/26/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.42		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6A21091	01/21/2026	01/22/2026	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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 Wheat Ridge CO 80033

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

FS01-G05'

1/21/2026 1:49:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0333-10 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Chrysene	ND		0.020	mg/kg dry	1	6A21091	01/21/2026	01/22/2026	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	102 %			60-130		"	"	"	
Surrogate: Anthracene-d10	84.6 %			60-130		"	"	"	
Surrogate: Pyrene-d10	112 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	84.1 %			60-130		"	"	"	

Percent Solids

Total Solids, Percent	97.8			mass percent	1	6A21132	01/21/2026	01/21/2026	
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pH in Soil by 9045D

pH	8.40			pH Units	1	6A22073	01/22/2026	01/24/2026	
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SAR by 20B Saturated Paste

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

FS01-G05'

1/21/2026 1:49:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJA0333-10 (Soil)									
Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	3.13		0.0100	SAR	1	6A22067	01/22/2026	01/26/2026	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.405		0.00500	mmhos/cm	1	6A22073	"	01/24/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.51		0.200	mg/kg dry	10	6A22045	01/22/2026	01/26/2026	
Barium	ND		56.5	"	"	"	"	"	U
Cadmium	ND		0.262	"	"	"	"	"	U
Copper	ND		31.7	"	"	"	"	"	U
Lead	ND		9.64	"	"	"	"	"	U
Nickel	ND		17.9	"	"	"	"	"	U
Selenium	ND		0.169	"	"	"	"	"	U
Silver	ND		0.551	"	"	"	"	"	U
Zinc	ND		255	"	"	"	"	"	U

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 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 6A21132 - % Solids

Duplicate (6A21132-DUP1)

Source: DJA0327-05

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

Total Solids, Percent	92.7		mass percent		92.7			0.0253	20	
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Duplicate (6A21132-DUP2)

Source: DJA0329-01

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

Total Solids, Percent	92.9		mass percent		92.5			0.376	20	
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Tasman Geosciences
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 Project Number: 10015
 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 6A22061 - DTPA Sorbitol Preparation

Blank (6A22061-BLK1)

Prepared: 01/22/2026 Analyzed: 01/26/2026

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

Duplicate (6A22061-DUP1)

Source: **DJA0326-02**

Prepared: 01/22/2026 Analyzed: 01/26/2026

(DTPA Sorbitol) Boron 0.489 0.118 mg/L dry 0.146 108 50 QR-DUP

Batch 6A22062 - DTPA Sorbitol Preparation

Blank (6A22062-BLK1)

Prepared: 01/22/2026 Analyzed: 01/26/2026

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

Duplicate (6A22062-DUP1)

Source: **DJA0333-05**

Prepared: 01/22/2026 Analyzed: 01/26/2026

(DTPA Sorbitol) Boron 0.363 0.103 mg/L dry 0.182 66.3 50 QR-DUP

Batch 6A22067 - Saturated Paste Metals

Blank (6A22067-BLK1)

Prepared: 01/22/2026 Analyzed: 01/26/2026

SAR ND 0.0100 SAR U

Calcium PPM ND 10.0 mg/L U

Magnesium PPM ND 10.0 " U

Sodium PPM ND 10.0 " U

Duplicate (6A22067-DUP1)

Source: **DJA0326-10**

Prepared: 01/22/2026 Analyzed: 01/26/2026

SAR ND 0.0100 SAR 1.43 200 U

Calcium PPM 81.3 10.0 mg/L 90.9 11.2 50

Magnesium PPM 28.3 10.0 " 32.6 14.3 50

Sodium PPM 56.6 10.0 " 62.4 9.80 50

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Eric Vonde
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 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 6A21091 - EPA 3580

Blank (6A21091-BLK1)

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

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	200		ug/kg	200		99.3	60-130			
Surrogate: Anthracene-d10	170		"	200		84.8	60-130			
Surrogate: Pyrene-d10	210		"	200		105	60-130			
Surrogate: Benzo (a) pyrene-d12	180		"	200		92.0	60-130			

LCS (6A21091-BS1)

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

1-Methylnaphthalene	0.189	0.002	mg/kg wet	0.199		95.0	70-130			
2-Methylnaphthalene	0.183	0.002	"	0.199		92.2	70-130			
Acenaphthene	0.181	0.020	"	0.199		91.0	70-130			
Anthracene	0.170	0.020	"	0.199		85.7	70-130			
Benzo (a) anthracene	0.166	0.005	"	0.199		83.7	70-130			
Benzo (a) pyrene	0.166	0.020	"	0.199		83.5	70-130			

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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 6A21091 - EPA 3580

LCS (6A21091-BS1)

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

Benzo (b) fluoranthene	0.224	0.020	mg/kg wet	0.199		113	70-130			
Benzo (g,h,i) perylene	0.213	0.020	"	0.199		107	70-130			
Benzo (k) fluoranthene	0.202	0.020	"	0.199		101	70-130			
Chrysene	0.183	0.020	"	0.199		92.1	70-130			
Dibenz (a,h) anthracene	0.217	0.020	"	0.199		109	70-130			
Fluoranthene	0.203	0.020	"	0.199		102	70-130			
Fluorene	0.191	0.020	"	0.199		96.0	70-130			
Indeno (1,2,3-cd) pyrene	0.198	0.020	"	0.199		99.4	70-130			
Naphthalene	0.193	0.002	"	0.199		96.8	70-130			
Phenanthrene	0.188	0.020	"	0.199		94.5	70-130			
Pyrene	0.197	0.020	"	0.199		99.3	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		107	60-130			
Surrogate: Anthracene-d10	180		"	200		88.1	60-130			
Surrogate: Pyrene-d10	210		"	200		104	60-130			
Surrogate: Benzo (a) pyrene-d12	180		"	200		88.2	60-130			

Matrix Spike (6A21091-MS1)

Source: DJA0327-01

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

1-Methylnaphthalene	0.224	0.002	mg/kg dry	0.226	ND	99.4	70-130			
2-Methylnaphthalene	0.223	0.002	"	0.226	ND	98.7	70-130			
Acenaphthene	0.223	0.023	"	0.226	0.0004	98.7	70-130			
Anthracene	0.205	0.023	"	0.226	ND	91.1	70-130			
Benzo (a) anthracene	0.213	0.006	"	0.226	0.002	93.5	70-130			
Benzo (a) pyrene	0.201	0.023	"	0.226	0.002	88.1	70-130			
Benzo (b) fluoranthene	0.277	0.023	"	0.226	0.002	122	70-130			
Benzo (g,h,i) perylene	0.258	0.023	"	0.226	0.002	114	70-130			
Benzo (k) fluoranthene	0.274	0.023	"	0.226	0.001	121	70-130			
Chrysene	0.227	0.023	"	0.226	0.003	99.6	70-130			

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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 6A21091 - EPA 3580

Matrix Spike (6A21091-MS1)

Source: DJA0327-01

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

Dibenz (a,h) anthracene	0.249	0.023	mg/kg dry	0.226	0.0009	110	70-130			
Fluoranthene	0.248	0.023	"	0.226	0.004	108	70-130			
Fluorene	0.219	0.023	"	0.226	0.0007	96.8	70-130			
Indeno (1,2,3-cd) pyrene	0.240	0.023	"	0.226	0.002	106	70-130			
Naphthalene	0.235	0.002	"	0.226	ND	104	70-130			
Phenanthrene	0.225	0.023	"	0.226	0.002	99.0	70-130			
Pyrene	0.240	0.023	"	0.226	0.003	105	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	170		"	200		87.2	60-130			
Surrogate: Pyrene-d10	200		"	200		100	60-130			
Surrogate: Benzo (a) pyrene-d12	180		"	200		90.6	60-130			

Matrix Spike Dup (6A21091-MSD1)

Source: DJA0327-01

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

1-Methylnaphthalene	0.235	0.002	mg/kg dry	0.229	ND	103	70-130	4.89	20	
2-Methylnaphthalene	0.235	0.002	"	0.229	ND	103	70-130	5.54	20	
Acenaphthene	0.221	0.023	"	0.229	0.0004	96.1	70-130	0.969	20	
Anthracene	0.196	0.023	"	0.229	ND	85.7	70-130	4.49	20	
Benzo (a) anthracene	0.228	0.006	"	0.229	0.002	98.8	70-130	7.09	20	
Benzo (a) pyrene	0.216	0.023	"	0.229	0.002	93.2	70-130	7.21	20	
Benzo (b) fluoranthene	0.302	0.023	"	0.229	0.002	131	70-130	8.63	20	QM-07
Benzo (g,h,i) perylene	0.255	0.023	"	0.229	0.002	111	70-130	1.21	20	
Benzo (k) fluoranthene	0.277	0.023	"	0.229	0.001	120	70-130	0.899	20	
Chrysene	0.227	0.023	"	0.229	0.003	97.7	70-130	0.319	20	
Dibenz (a,h) anthracene	0.258	0.023	"	0.229	0.0009	112	70-130	3.29	20	
Fluoranthene	0.248	0.023	"	0.229	0.004	106	70-130	0.0313	20	
Fluorene	0.222	0.023	"	0.229	0.0007	96.7	70-130	1.50	20	
Indeno (1,2,3-cd) pyrene	0.236	0.023	"	0.229	0.002	102	70-130	1.53	20	

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 Wheat Ridge CO 80033

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 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 6A21091 - EPA 3580

Matrix Spike Dup (6A21091-MSD1)

Source: DJA0327-01

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

Naphthalene	0.229	0.002	mg/kg dry	0.229	ND	99.9	70-130	2.46	20	
Phenanthrene	0.222	0.023	"	0.229	0.002	95.7	70-130	1.72	20	
Pyrene	0.245	0.023	"	0.229	0.003	105	70-130	2.14	20	
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	180		"	200		88.5	60-130			
Surrogate: Pyrene-d10	210		"	200		103	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		95.3	60-130			

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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 6A21092 - EPA 3550B

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

Blank (6A21092-BLK1)

Diesel (C10-C28)	ND	24.9	mg/kg wet							U
Residual Range Organics (C28-C36)	ND	99.4	"							U
Surrogate: o-Terphenyl	30		"	24.7		119	50-150			

LCS (6A21092-BS1)

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

Diesel (C10-C28)	1270	49.3	mg/kg wet	986		129	70-130			
Residual Range Organics (C28-C36)	1270	197	"	986		129	70-130			
Surrogate: o-Terphenyl	45		"	49.1		91.9	50-150			

Matrix Spike (6A21092-MS1)

Source: DJA0327-01

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

Diesel (C10-C28)	1410	56.1	mg/kg dry	1120	ND	126	70-130			
Residual Range Organics (C28-C36)	1500	224	"	1120	ND	134	70-130			QM-07
Surrogate: o-Terphenyl	60		"	55.8		108	50-150			

Matrix Spike Dup (6A21092-MSD1)

Source: DJA0327-01

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

Diesel (C10-C28)	1390	56.0	mg/kg dry	1120	ND	124	70-130	1.11	35	
Residual Range Organics (C28-C36)	1460	224	"	1120	ND	131	70-130	2.55	35	QM-07
Surrogate: o-Terphenyl	49		"	55.7		88.5	50-150			

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 Wheat Ridge CO 80033

Eric Vonde
 Project Number: 10015
 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 6A22045 - EPA 3050B

Prepared: 01/22/2026 Analyzed: 01/26/2026

Blank (6A22045-BLK1)

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 (6A22045-BS1)

Prepared: 01/22/2026 Analyzed: 01/26/2026

Arsenic	5.46	0.218	mg/kg wet	5.00		109	80-120			
Barium	539	61.5	"	500		108	80-120			
Cadmium	5.39	0.285	"	5.00		108	80-120			
Copper	52.3	34.5	"	50.0		105	80-120			
Lead	5.38	10.5	"	5.00		108	80-120			U
Nickel	5.18	19.5	"	5.00		104	80-120			U
Selenium	5.37	0.184	"	5.00		107	80-120			
Silver	5.28	0.600	"	5.00		106	80-120			
Zinc	55.3	278	"	50.0		111	80-120			U

Matrix Spike (6A22045-MS1)

Source: DJA0333-01

Prepared: 01/22/2026 Analyzed: 01/26/2026

Arsenic	6.45	0.199	mg/kg dry	4.56	2.20	93.2	75-125			
Barium	542	56.0	"	456	41.4	110	75-125			
Cadmium	4.88	0.260	"	4.56	0.0489	106	75-125			
Copper	52.3	31.4	"	45.6	3.60	107	75-125			
Lead	8.68	9.57	"	4.56	4.15	99.6	75-125			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

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 6A22045 - EPA 3050B

Matrix Spike (6A22045-MS1)

Source: DJA0333-01

Prepared: 01/22/2026 Analyzed: 01/26/2026

Nickel	8.48	17.8	mg/kg dry	4.56	3.86	101	75-125			U
Selenium	5.10	0.168	"	4.56	0.125	109	75-125			
Silver	4.85	0.547	"	4.56	0.00534	106	75-125			
Zinc	66.4	253	"	45.6	17.3	108	75-125			U

Matrix Spike Dup (6A22045-MSD1)

Source: DJA0333-01

Prepared: 01/22/2026 Analyzed: 01/26/2026

Arsenic	6.68	0.197	mg/kg dry	4.51	2.20	99.2	75-125	3.47	20	
Barium	534	55.5	"	451	41.4	109	75-125	1.34	20	
Cadmium	4.80	0.257	"	4.51	0.0489	105	75-125	1.78	20	
Copper	51.3	31.1	"	45.1	3.60	106	75-125	1.93	20	
Lead	8.93	9.47	"	4.51	4.15	106	75-125	2.86	20	U
Nickel	9.06	17.6	"	4.51	3.86	115	75-125	6.66	20	U
Selenium	4.95	0.166	"	4.51	0.125	107	75-125	3.08	20	
Silver	4.71	0.541	"	4.51	0.00534	104	75-125	2.98	20	
Zinc	68.3	250	"	45.1	17.3	113	75-125	2.79	20	U

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Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6A22073 - Saturated Paste pH/EC

Blank (6A22073-BLK1)

Prepared: 01/22/2026 Analyzed: 01/24/2026

Specific Conductance (EC) ND 0.00500 mmhos/cm U

Duplicate (6A22073-DUP1)

Source: DJA0326-10

Prepared: 01/22/2026 Analyzed: 01/24/2026

pH 8.28 pH Units 8.29 0.121 25

Specific Conductance (EC) 1.05 0.00500 mmhos/cm 1.14 7.90 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 6A21090 - EPA 5030 (soil)

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

Blank (6A21090-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	107		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	102		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	97.7		70-130			

LCS (6A21090-BS1)

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

1,2,4-Trimethylbenzene	0.098	0.002	mg/kg wet	0.100	98.2		70-130			
1,3,5-Trimethylbenzene	0.099	0.002	"	0.100	98.9		70-130			
Benzene	0.103	0.002	"	0.100	103		70-130			
Ethylbenzene	0.095	0.002	"	0.100	95.3		70-130			
Naphthalene	0.104	0.004	"	0.100	104		70-130			
Toluene	0.101	0.002	"	0.100	101		70-130			
o-Xylene	0.097	0.002	"	0.100	96.8		70-130			
m,p-Xylene	0.192	0.004	"	0.200	96.0		70-130			

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	104		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	99.4		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	95.4		70-130			

Matrix Spike (6A21090-MS1)

Source: DJA0327-01

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

1,2,4-Trimethylbenzene	0.094	0.002	mg/kg dry	0.113	ND	82.6	70-130			
1,3,5-Trimethylbenzene	0.092	0.002	"	0.113	ND	81.0	70-130			

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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 6A21090 - EPA 5030 (soil)

Matrix Spike (6A21090-MS1)

Source: DJA0327-01

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

Benzene	0.100	0.002	mg/kg dry	0.113	ND	88.4	70-130			
Ethylbenzene	0.087	0.002	"	0.113	ND	76.6	70-130			
Naphthalene	0.116	0.004	"	0.113	ND	102	70-130			
Toluene	0.096	0.002	"	0.113	ND	84.9	70-130			
o-Xylene	0.089	0.002	"	0.113	ND	78.4	70-130			
m,p-Xylene	0.176	0.005	"	0.227	ND	77.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.142		116	70-130			
Surrogate: Toluene-d8	0.13		"	0.142		94.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.142		93.8	70-130			

Matrix Spike Dup (6A21090-MSD1)

Source: DJA0327-01

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

1,2,4-Trimethylbenzene	0.098	0.002	mg/kg dry	0.111	ND	88.1	70-130	4.31	20	
1,3,5-Trimethylbenzene	0.095	0.002	"	0.111	ND	86.2	70-130	3.99	20	
Benzene	0.108	0.002	"	0.111	ND	97.5	70-130	7.61	20	
Ethylbenzene	0.091	0.002	"	0.111	ND	82.2	70-130	4.82	20	
Naphthalene	0.127	0.004	"	0.111	ND	114	70-130	9.14	20	
Toluene	0.101	0.002	"	0.111	ND	91.2	70-130	4.93	20	
o-Xylene	0.093	0.002	"	0.111	ND	83.9	70-130	4.64	20	
m,p-Xylene	0.186	0.004	"	0.222	ND	83.9	70-130	5.62	20	
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.139		118	70-130			
Surrogate: Toluene-d8	0.13		"	0.139		92.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.139		93.5	70-130			

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TOTAL METALS BY SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJA1239 - No Prep IC-WET										
Blank (BJA1239-BLK1)										
Prepared: 01/30/2026 Analyzed: 02/02/2026										
Chromium, Hexavalent	ND	0.005	mg/kg wet dry							
LCS (BJA1239-BS1)										
Prepared: 01/30/2026 Analyzed: 02/02/2026										
Chromium, Hexavalent	0.05	0.005	mg/kg wet dry	0.0500		107	80-120			
LCS (BJA1239-BS2)										
Prepared: 01/30/2026 Analyzed: 02/02/2026										
Chromium, Hexavalent	8.18	1.00	mg/kg wet dry	8.07		101	80-120			
Duplicate (BJA1239-DUP1)										
Source: 26A1888-01 Prepared: 01/30/2026 Analyzed: 02/03/2026										
Chromium, Hexavalent	ND	0.26	mg/kg dry		ND				20	
Matrix Spike (BJA1239-MS1)										
Source: 26A1888-01 Prepared: 01/30/2026 Analyzed: 02/03/2026										
Chromium, Hexavalent	2.62	0.25	mg/kg dry	2.51	ND	105	75-125			
Matrix Spike (BJA1239-MS2)										
Source: 26A1888-01 Prepared: 01/30/2026 Analyzed: 02/03/2026										
Chromium, Hexavalent	2.84	0.26	mg/kg dry	2.58	ND	110	75-125			

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TOTAL METALS BY SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJA1238 - No Prep IC-WET

Blank (BJA1238-BLK1)

Prepared: 01/30/2026 Analyzed: 02/02/2026

Chromium, Hexavalent ND 0.005 mg/kg wet dry

LCS (BJA1238-BS1)

Prepared: 01/30/2026 Analyzed: 02/02/2026

Chromium, Hexavalent 0.05 0.005 mg/kg wet dry 0.0500 103 80-120

LCS (BJA1238-BS2)

Prepared: 01/30/2026 Analyzed: 02/02/2026

Chromium, Hexavalent 9.36 1.00 mg/kg wet dry 8.07 116 80-120

Duplicate (BJA1238-DUP1)

Source: DJA0333-03

Prepared: 01/30/2026 Analyzed: 02/02/2026

Chromium, Hexavalent ND 0.21 mg/kg dry ND - 20

Matrix Spike (BJA1238-MS1)

Source: DJA0333-03

Prepared: 01/30/2026 Analyzed: 02/02/2026

Chromium, Hexavalent 2.11 0.20 mg/kg dry 2.02 ND 105 75-125

Matrix Spike (BJA1238-MS2)

Source: DJA0333-03

Prepared: 01/30/2026 Analyzed: 02/02/2026

Chromium, Hexavalent 2.18 0.20 mg/kg dry 1.97 ND 111 75-125

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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

Notes and Definitions

- U Sample is Non-Detect.
- QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- J The reported result is an estimated value.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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