



August 08, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

**Project Name - KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36**

Project Number - [none]

Attached are your analytical results for KMG - NGLENN 10,24,40,12,39,19,16,33,14,36-36 received by Origins Laboratory, Inc. July 31, 2023. This project is associated with Origins project number Y307697-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
10-36-WH-B01@6'	Y307697-01	Soil	July 31, 2023 10:26	07/31/2023 16:55
10-36-FL-B01@4'	Y307697-02	Soil	July 31, 2023 10:36	07/31/2023 16:55
12-36-WH-B01@6'	Y307697-03	Soil	July 31, 2023 10:00	07/31/2023 16:55
12-36-FL-B01@4'	Y307697-04	Soil	July 31, 2023 10:02	07/31/2023 16:55
14-36-WH-B01@6'	Y307697-05	Soil	July 31, 2023 9:00	07/31/2023 16:55
14-36-FL-B01@4'	Y307697-06	Soil	July 31, 2023 9:08	07/31/2023 16:55
16-36-WH-B01@6'	Y307697-07	Soil	July 31, 2023 9:20	07/31/2023 16:55
16-36-FL-B01@4'	Y307697-08	Soil	July 31, 2023 9:26	07/31/2023 16:55
19-36-WH-B01@6'	Y307697-09	Soil	July 31, 2023 9:28	07/31/2023 16:55
19-36-FL-B01@4'	Y307697-10	Soil	July 31, 2023 9:32	07/31/2023 16:55
24-36-WH-B01@6'	Y307697-11	Soil	July 31, 2023 10:15	07/31/2023 16:55
24-36-FL-B01@4'	Y307697-12	Soil	July 31, 2023 10:24	07/31/2023 16:55
33-36-WH-B01@6'	Y307697-13	Soil	July 31, 2023 9:10	07/31/2023 16:55
33-36-FL-B01@4'	Y307697-14	Soil	July 31, 2023 9:06	07/31/2023 16:55

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
23-36-WH-B01@6'	Y307697-15	Soil	July 31, 2023 8:44	07/31/2023 16:55
23-36-FL-B01@4'	Y307697-16	Soil	July 31, 2023 8:52	07/31/2023 16:55
36-36-WH-B01@6'	Y307697-17	Soil	July 31, 2023 8:34	07/31/2023 16:55
36-36-FL-B01@4'	Y307697-18	Soil	July 31, 2023 8:36	07/31/2023 16:55
39-36-WH-B01@6'	Y307697-19	Soil	July 31, 2023 9:42	07/31/2023 16:55
39-36-FL-B01@4'	Y307697-20	Soil	July 31, 2023 9:48	07/31/2023 16:55
40-36-WH-B01@6'	Y307697-21	Soil	July 31, 2023 10:04	07/31/2023 16:55
40-36-FL-B01@4'	Y307697-22	Soil	July 31, 2023 10:14	07/31/2023 16:55
WH-BG01@3'	Y307697-23	Soil	July 31, 2023 14:50	07/31/2023 16:55
WH-BG01@6'	Y307697-24	Soil	July 31, 2023 14:52	07/31/2023 16:55
WH-BG02@3'	Y307697-25	Soil	July 31, 2023 14:54	07/31/2023 16:55
WH-BG02@6'	Y307697-26	Soil	July 31, 2023 14:56	07/31/2023 16:55
WH-BG03@3'	Y307697-27	Soil	July 31, 2023 14:58	07/31/2023 16:55
WH-BG03@6'	Y307697-28	Soil	July 31, 2023 15:00	07/31/2023 16:55

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Andy Sagen
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Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-BG04@3'	Y307697-29	Soil	July 31, 2023 15:02	07/31/2023 16:55
WH-BG04@6'	Y307697-30	Soil	July 31, 2023 15:04	07/31/2023 16:55
24-36-GW01	Y307697-31	Water	July 31, 2023 11:32	07/31/2023 16:55
10-36-GW01	Y307697-32	Water	July 31, 2023 11:34	07/31/2023 16:55

Origins Laboratory, Inc.



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Broomfield CO 80020

Andy Sagen
Project Number: [none]
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10,24,40,12,39,19,16,33,14,36-36

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307697

ORIGINS LABORATORY, INC

Client: Day/Tasman
Address: 6855 W 119th Ave.
Broomfield, CO 80020

Project Manager: Andy Sagen
Project Name: NGLENN 10,24,40,12,39,19,16,33,14,36-36
Project Number:

Telephone Number: PM Contact Number (720) 939-3431
Email Address: Day/Tasman distribution list

Samples Collected By: Ben Wagner
Method of Delivery (Circle One): Hand Delivered Pickup/Tasman Local Box Drop Service Center Drop FedEx UPS

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix		Analysis		Notes
				Unpreserved	HCl	HNO ₃	Other	Soil	Groundwater	Other	
10-36-WH-80161	7/13/13	10:26	3	X							Full 915 added
10-36-FL-80161	7/13/13	10:36	1								to 40-36-WH-80161
12-36-WH-80161	7/13/13	10:00	1								Full 915 added
12-36-FL-80161	7/13/13	10:02	1								to all 915 samples
14-36-WH-80161	7/13/13	9:00	1								Full 915 added
14-36-FL-80161	7/13/13	9:08	1								to all 915 samples
16-36-WH-80161	7/13/13	9:20	1								Full 915 added
16-36-FL-80161	7/13/13	9:26	1								to all 915 samples
18-36-WH-80161	7/13/13	9:28	1								Full 915 added
18-36-FL-80161	7/13/13	9:32	1								to all 915 samples
Relinquished By:	Date: 7/13/2013	Time: 16:00									
Relinquished By:	Date:	Time:									
Received By:	Date: 7/13/2013	Time: 10:55									
Received By:	Date:	Time:									
Turnaround Time:	Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/>	48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/>									

25 Date Results Needed

Origins Laboratory, Inc.

Byron

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

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Project Manager: Andy Sagen

Project Name: NGLENN 10,24,40,12,39,19,16,33,14,36-36

Project Number: 10,24,40,12,39,19,16,33,14,36-36

Samples Collected By: Ben Wagoner

Method of Delivery (Circle One): Hand Delivered ☒ Program ☐ Express ☐ Fedex ☐ UPS ☐

Client: City/Town

Address: 6855 W 119th Ave.
Broomfield, CO 80020

Telephone Number: PM Contact Number (720) 939-3531

Email Address: City/Town distribution list

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative	Matrix	Analysis	Notes
24-36-WH-B0160	7/21/23	10:15	3	Unpreserved	Soil	Full Table 513	
24-36-FL-B0160	7/21/23	10:24	1	Groundwater	Soil	Full Table 513	
23-36-WH-B0160	7/21/23	9:10	1	Other	Soil	Full Table 513	
23-36-FL-B0160	7/21/23	9:06	1	Other	Soil	Full Table 513	
23-36-WH-B0160	7/21/23	8:44	1	Other	Soil	Full Table 513	
23-36-FL-B0160	7/21/23	8:52	1	Other	Soil	Full Table 513	
24-36-WH-B0160	7/21/23	8:34	1	Other	Soil	Full Table 513	
24-36-FL-B0160	7/21/23	8:36	1	Other	Soil	Full Table 513	
24-36-WH-B0160	7/21/23	9:42	1	Other	Soil	Full Table 513	
24-36-FL-B0160	7/21/23	9:48	1	Other	Soil	Full Table 513	
Relinquished By: [Signature]	Date: 7/21/23	Time: 10:00					
Relinquished By: [Signature]	Date: 7/21/23	Time: 10:55					
Received By: [Signature]	Date: 7/21/23	Time: 10:55					
Received By: [Signature]	Date: 7/21/23	Time: 10:55					
Turnaround Time: Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>							

3.5 Date Results Needed

Origins Laboratory, Inc.

Byron

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6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

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Project Manager: Andy Sagen
Project Name: NGLENN 10,24,40,12,39,19,16,33,14,36-36
Project Number: 6807007

Client: Env/Tasman
Address: 6855 W 119th Ave.
Broomfield, CO 80020

Telephone Number: PM Contact Number (720) 939-3631
Email Address: Day/tasman.distribution@originslab.com

Fax: 303.265.9645

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix		Analysis			Turnaround Time	
				HCl	HNO ₃	Groundwater	Soil	Air Summary	Other	DRG/DRG	PAH		PCB
40-36-WH-B6006	7/13/03	10:04	3	X									
40-36-FE-B6006		10:14	3										
WH-B6006		14:50	2										
WH-B6006		14:52	1										
WH-B6006		14:54	1										
WH-B6006		14:56	1										
WH-B6006		14:58	1										
WH-B6006		15:00	1										
WH-B6006		15:02	1										
WH-B6006		15:04	1										
Relinquished By:	Date:	Time:		Received By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:			
Relinquished By:	Date:	Time:		Received By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:			

35 Date Results Needed

Origins Laboratory, Inc.

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Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

ORIGINS
LABORATORY, INC.

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407067

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Project Manager: Andy Sagen

Project Name: NUGEN, 10240, 1230, 19, 16, 3333, 1920, 32

Project Number: 800 NUGEN

Samples Collected by: 800 NUGEN

Method of Delivery (Circle one): Hand Delivered ☒ / Tarran Lock Box Drop ☐ Service Center Drop ☐ FedEx ☐ UPS ☐

Client: On/Taman

Address: 6555 W. 139th Ave.
Broomfield, CO 80020

Telephone Number: PM Contact Number (720) 939-5631

Email Address: On/Taman.distribution@tarran.com

FOX 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	Preservative				Matrix			Analysis										SOI					
			# of Containers				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	GETXN+TMB	PRO/ORO	PAH	PAH	PCB		Boron	Full Table 913			
24-36-(600)	7/3/03	1132	9	X																					1
10-36-(600)	7/3/03	1134	2	X																					2
																									3
																									4
																									5
																									6
																									7
																									8
																									9
																									10
Relinquished By: <i>[Signature]</i>	Date: 7/3/03	Time: 1000	Received By: <i>[Signature]</i>				Date: 7/3/03				Time: 1055				Turnaround Time: Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>										
Relinquished By: <i>[Signature]</i>	Date: 7/3/03	Time: 1000	Received By: <i>[Signature]</i>				Date: 7/3/03				Time: 1055				Turnaround Time: Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>										

Date Results Needed

3.5

Origins Laboratory, Inc.

Byron

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6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 43070497

Client: Tasman

Client Project ID: NGLENN

Checklist Completed by: JH

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

Date/time completed: 7/13/12

Airbill #: N/A

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

Cooler Number/Temperature: 1 13.5 °C 1 °C 1 °C (Describe) _____ °C

Thermometer ID: 1004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)			<input checked="" type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)			<input checked="" type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		<input checked="" type="checkbox"/>	<u>TSN</u>	
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)			<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): JS

Date/Time Reviewed: 7/13/12

Origins Laboratory, Inc.

Bynon

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Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

10-36-WH-B01@6'

7/31/2023 10:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-01 (Soil)

Boron (DTPA Sorbitol)

Boron	2.36	0.0985	mg/L	1	B3H0106	08/01/2023	08/02/2023
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	26.7	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	" U

Surrogate: o-Terphenyl	91.8 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.00236	0.00200	mg/kg	1	B3G3122	"	08/01/2023
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	" U
Benzene	ND	0.00200	"	"	"	"	" U
Ethylbenzene	ND	0.00200	"	"	"	"	" U
Naphthalene	ND	0.00380	"	"	"	"	" U
Toluene	ND	0.00200	"	"	"	"	" U
Xylenes, total	ND	0.00200	"	"	"	"	" U
Gasoline Range Hydrocarbons	1.50	0.200	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130	"	"	"
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Origins Laboratory, Inc.



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6855 West 119th Avenue
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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

10-36-WH-B01@6'

7/31/2023 10:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	103 %	70-130				B3G31 22	07/31/2023	08/01/2023	
Surrogate: 4-Bromofluorobenzene	96.0 %	70-130				"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	25.1	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023	
Magnesium	7.61	0.823	"	"	"	"	"	
Sodium	20.5	0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.91		pH Units	1	B3H0113	08/01/2023	08/02/2023	
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SAR by 20B Saturated Paste

SAR	16.0		SAR	1	B3H0109	08/01/2023	08/02/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.48	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023	
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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

10-36-FL-B01@4'

7/31/2023 10:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-02 (Soil)

Boron (DTPA Sorbitol)

Boron	1.54	0.0992	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.5 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	08/01/2023	U

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Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

10-36-FL-B01@4'

7/31/2023 10:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.9 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	27.1	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	11.6	0.823	"	"	"	"	"
Sodium	5.31	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.44	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	3.81	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.45	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

12-36-WH-B01@6'
7/31/2023 10:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-03 (Soil)

Boron (DTPA Sorbitol)

Boron	1.04	0.0991	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	98.7 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

12-36-WH-B01@6'

7/31/2023 10:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	100 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.1 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	25.2	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	5.20	0.823	"	"	"	"	"
Sodium	13.1	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.54	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	10.6	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.01	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

12-36-FL-B01@4'

7/31/2023 10:02:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.845	0.0984	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	92.2 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

12-36-FL-B01@4'

7/31/2023 10:02:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	90.7 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.55	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	0.913	0.823	"	"	"	"	"
Sodium	2.37	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.41	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	6.76	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.696	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

14-36-WH-B01@6'
7/31/2023 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.756	0.0985	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.2 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

14-36-WH-B01@6'
7/31/2023 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	92.1 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.06	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	0.997	0.823	"	"	"	"	"
Sodium	1.33	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.58	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	4.14	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.489	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

14-36-FL-B01@4'
7/31/2023 9:08:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.405	0.0993	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

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

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLINN
10,24,40,12,39,19,16,33,14,36-36

14-36-FL-B01@4'

7/31/2023 9:08:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-06 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	95.4 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.30	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.628	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.40	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	1.96	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.322	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

16-36-WH-B01@6'
7/31/2023 9:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.483	0.0985	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	115 %	50-150	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

16-36-WH-B01@6'
7/31/2023 9:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-07 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	100 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	92.4 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	0.529	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	5.39	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.93	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	27.5	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.731	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

16-36-FL-B01@4'
7/31/2023 9:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.555	0.100	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	113 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

16-36-FL-B01@4'

7/31/2023 9:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-08 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	98.2 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	88.3 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.27	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	1.57	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.41	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	5.14	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.423	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

19-36-WH-B01@6'
7/31/2023 9:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-09 (Soil)

Boron (DTPA Sorbitol)

Boron	0.581	0.0999	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	113 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

19-36-WH-B01@6'
7/31/2023 9:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-09 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	91.1 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	24.9	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	5.60	0.823	"	"	"	"	"
Sodium	17.3	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.46	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	14.0	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.98	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

19-36-FL-B01@4'

7/31/2023 9:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-10 (Soil)

Boron (DTPA Sorbitol)

Boron	0.439	0.100	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	110 %	50-150	"	"	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

19-36-FL-B01@4'

7/31/2023 9:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-10 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	99.0 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	92.2 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.29	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	3.42	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.44	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	10.7	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.721	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

24-36-WH-B01@6'
7/31/2023 10:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-11 (Soil)

Boron (DTPA Sorbitol)

Boron	2.21	0.101	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	116 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

24-36-WH-B01@6'
7/31/2023 10:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-11 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	98.7 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	93.7 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	26.4	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	10.9	0.823	"	"	"	"	"
Sodium	12.9	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.23	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	9.41	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.02	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

24-36-FL-B01@4'

7/31/2023 10:24:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-12 (Soil)

Boron (DTPA Sorbitol)

Boron	1.65	0.100	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	113 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

24-36-FL-B01@4'

7/31/2023 10:24:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-12 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	100 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	91.2 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	27.3	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	11.7	0.823	"	"	"	"	"
Sodium	4.45	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.60	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	3.19	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.35	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

33-36-WH-B01@6'
7/31/2023 9:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-13 (Soil)

Boron (DTPA Sorbitol)

Boron	0.846	0.0986	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	113 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

33-36-WH-B01@6'
7/31/2023 9:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-13 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	90.2 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.93	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	1.42	0.823	"	"	"	"	"
Sodium	8.80	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.80	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	21.5	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.55	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

33-36-FL-B01@4'
7/31/2023 9:06:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-14 (Soil)

Boron (DTPA Sorbitol)

Boron	0.811	0.100	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	116 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

33-36-FL-B01@4'

7/31/2023 9:06:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-14 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	93.4 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	3.17	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	2.39	0.823	"	"	"	"	"
Sodium	5.79	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.29	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	11.0	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.33	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

23-36-WH-B01@6'
7/31/2023 8:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-15 (Soil)

Boron (DTPA Sorbitol)

Boron	0.583	0.0989	mg/L	1	B3H0106	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	114 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

23-36-WH-B01@6'
7/31/2023 8:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-15 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	99.0 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	89.2 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.49	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.573	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.39	pH Units	1	B3H0113	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	1.70	SAR	1	B3H0109	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.343	0.00500	mmhos/cm	1	B3H0113	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

23-36-FL-B01@4'
7/31/2023 8:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-16 (Soil)

Boron (DTPA Sorbitol)

Boron	0.315	0.0990	mg/L	1	B3H0107	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	113 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

23-36-FL-B01@4'
7/31/2023 8:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-16 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	92.2 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	5.64	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	9.08	pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	10.8	SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.826	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

36-36-WH-B01@6'
7/31/2023 8:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-17 (Soil)

Boron (DTPA Sorbitol)

Boron	1.05	0.0995	mg/L	1	B3H0107	08/01/2023	08/02/2023
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	55.1	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	" U

Surrogate: o-Terphenyl	91.9 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

36-36-WH-B01@6'
7/31/2023 8:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-17 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	97.9 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	91.8 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	4.71	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	3.03	0.823	"	"	"	"	"
Sodium	4.18	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	9.08	pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	6.71	SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.51	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

36-36-FL-B01@4'
7/31/2023 8:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-18 (Soil)

Boron (DTPA Sorbitol)

Boron	0.461	0.100	mg/L	1	B3H0107	08/01/2023	08/02/2023
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	63.1	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	U

Surrogate: o-Terphenyl	92.4 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

36-36-FL-B01@4'

7/31/2023 8:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-18 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.6 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.59	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	0.830	0.823	"	"	"	"	"
Sodium	0.973	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.46	pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	2.80	SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.448	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

39-36-WH-B01@6'
7/31/2023 9:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-19 (Soil)

Boron (DTPA Sorbitol)

Boron	1.25	0.0990	mg/L	1	B3H0107	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	93.0 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

39-36-WH-B01@6'
7/31/2023 9:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-19 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.2 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	4.30	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	2.47	0.823	"	"	"	"	"
Sodium	8.27	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.41	pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	14.2	SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.67	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

39-36-FL-B01@4'
7/31/2023 9:48:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-20 (Soil)

Boron (DTPA Sorbitol)

Boron	0.947	0.0992	mg/L	1	B3H0107	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3123	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	87.3 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3122	"	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

39-36-FL-B01@4'

7/31/2023 9:48:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-20 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	B3G31 22	07/31/2023	08/01/2023
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.7 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.00	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	3.32	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.17	pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	11.6	SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.558	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

40-36-WH-B01@6'

7/31/2023 10:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-21 (Soil)

Boron (DTPA Sorbitol)

Boron	1.43	0.0986	mg/L	1	B3H0107	08/01/2023	08/02/2023
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	227	25.0	mg/kg	1	B3G3121	07/31/2023	08/01/2023
Residual Range Organics (C28-C40)	408	100	"	"	"	"	"

Surrogate: o-Terphenyl	100 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3120	07/31/2023	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

40-36-WH-B01@6'

7/31/2023 10:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-21 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	103 %		70-130			B3G31 20	07/31/2023	08/01/2023	
Surrogate: Toluene-d8	103 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	92.3 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.85	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023	
Magnesium	2.56	0.823	"	"	"	"	"	
Sodium	12.2	0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	0.002	0.002	mg/kg	1	B3G3117	07/31/2023	08/01/2023	
2-Methylnaphthalene	0.005	0.002	"	"	"	"	"	
Acenaphthene	ND	0.020	"	"	"	"	"	U
Anthracene	ND	0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.010	"	2	"	"	08/04/2023	U
Benzo (a) pyrene	ND	0.040	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.040	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.040	"	"	"	"	"	U
Chrysene	ND	0.040	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	0.040	"	"	"	"	"	U
Fluoranthene	ND	0.020	"	1	"	"	08/01/2023	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

40-36-WH-B01@6'

7/31/2023 10:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-21 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B3G3117	07/31/2023	08/01/2023	U
Indeno (1,2,3-cd) pyrene	ND	0.040	"	2	"	"	08/04/2023	U
Pyrene	ND	0.040	"	"	"	"	"	U

Surrogate: Fluorene-d10	96.4 %	60-130	"	"	08/01/2023
Surrogate: Anthracene-d10	95.3 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	101 %	60-130	"	"	08/04/2023
Surrogate: Pyrene-d10	136 %	60-130	"	"	" S-04

pH in Soil by 9045D

pH	9.21	pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	23.5	SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.76	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	2.98	0.0954	mg/kg	10	B3H0128	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

40-36-WH-B01@6'

7/31/2023 10:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-21 (Soil)

Table 915 metals by EPA 6020B

Barium	166	9.54	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Cadmium	0.114	0.0954	"	"	"	"	"
Copper	16.5	9.54	"	"	"	"	"
Lead	11.9	9.54	"	"	"	"	"
Nickel	13.5	9.54	"	"	"	"	"
Selenium	0.117	0.0954	"	"	"	"	"
Silver	ND	0.0954	"	"	"	"	"
Zinc	ND	95.4	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L696797	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

40-36-FL-B01@4'

7/31/2023 10:14:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-22 (Soil)

Boron (DTPA Sorbitol)

Boron	1.99	0.0996	mg/L	1	B3H0107	08/01/2023	08/02/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3G3121	07/31/2023	08/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	100 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3G3120	07/31/2023	08/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

40-36-FL-B01@4'

7/31/2023 10:14:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-22 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	B3G31 20	07/31/2023	08/01/2023
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	93.1 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	10.2	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	8.67	0.823	"	"	"	"	"
Sodium	13.8	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.15	pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	14.2	SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.69	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG01@3'

7/31/2023 2:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-23 (Soil)

Boron (DTPA Sorbitol)

Boron	1.65	0.0989	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	25.6	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	16.6	0.823	"	"	"	"	"
Sodium	12.1	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.07		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	8.32		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.92	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	3.75	0.0987	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	1210	9.87	"	"	"	"	"
Cadmium	0.176	0.0987	"	"	"	"	"
Copper	14.8	9.87	"	"	"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG01@3'

7/31/2023 2:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-23 (Soil)

Table 915 metals by EPA 6020B

Lead	10.0	9.87	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	11.5	9.87	"	"	"	"	"
Selenium	0.236	0.0987	"	"	"	"	"
Silver	ND	0.0987	"	"	"	"	"
Zinc	ND	98.7	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.251	0.515	mg/Kg	1	L696797	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG01@6'

7/31/2023 2:52:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-24 (Soil)

Boron (DTPA Sorbitol)

Boron	1.22	0.0997	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	21.6	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	11.5	0.823	"	"	"	"	"
Sodium	4.83	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.05		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	3.75		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.00	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	3.48	0.0974	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	193	9.74	"	"	"	"	"
Cadmium	0.193	0.0974	"	"	"	"	"
Copper	16.0	9.74	"	"	"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG01@6'

7/31/2023 2:52:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-24 (Soil)

Table 915 metals by EPA 6020B

Lead	15.6	9.74	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	20.8	9.74	"	"	"	"	"
Selenium	0.135	0.0974	"	"	"	"	"
Silver	ND	0.0974	"	"	"	"	"
Zinc	ND	97.4	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.249	0.511	mg/Kg	1	L696799	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG02@3'

7/31/2023 2:54:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-25 (Soil)

Boron (DTPA Sorbitol)

Boron	0.949	0.0995	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	4.43	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	1.77	0.823	"	"	"	"	"
Sodium	6.08	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.26		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	10.9		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.32	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	6.83	0.0967	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	222	9.67	"	"	"	"	"
Cadmium	0.262	0.0967	"	"	"	"	"
Copper	15.6	9.67	"	"	"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG02@3'

7/31/2023 2:54:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-25 (Soil)

Table 915 metals by EPA 6020B

Lead	12.1	9.67	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	17.0	9.67	"	"	"	"	"
Selenium	0.195	0.0967	"	"	"	"	"
Silver	0.105	0.0967	"	"	"	"	"
Zinc	ND	96.7	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L696799	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG02@6'

7/31/2023 2:56:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-26 (Soil)

Boron (DTPA Sorbitol)

Boron	1.17	0.0991	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	3.12	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	1.78	0.823	"	"	"	"	"
Sodium	5.07	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.36		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	10.2		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.12	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	6.11	0.0960	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	291	9.60	"	"	"	"	"
Cadmium	0.256	0.0960	"	"	"	"	"
Copper	15.1	9.60	"	"	"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG02@6'

7/31/2023 2:56:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-26 (Soil)

Table 915 metals by EPA 6020B

Lead	11.4	9.60	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	15.8	9.60	"	"	"	"	"
Selenium	0.204	0.0960	"	"	"	"	"
Silver	0.109	0.0960	"	"	"	"	"
Zinc	ND	96.0	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L696799	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG03@3'

7/31/2023 2:58:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-27 (Soil)

Boron (DTPA Sorbitol)

Boron	0.588	0.100	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	14.5	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	7.38	0.823	"	"	"	"	"
Sodium	19.5	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.17		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	18.7		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.65	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	9.23	0.0946	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	528	9.46	"	"	"	"	"
Cadmium	0.305	0.0946	"	"	"	"	"
Copper	15.1	9.46	"	"	"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG03@3'

7/31/2023 2:58:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-27 (Soil)

Table 915 metals by EPA 6020B

Lead	14.0	9.46	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	15.0	9.46	"	"	"	"	"
Selenium	0.334	0.0946	"	"	"	"	"
Silver	ND	0.0946	"	"	"	"	"
Zinc	ND	94.6	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L696799	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG03@6'

7/31/2023 3:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-28 (Soil)

Boron (DTPA Sorbitol)

Boron	0.430	0.0990	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	13.0	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	5.90	0.823	"	"	"	"	"
Sodium	12.7	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.16		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	13.1		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.88	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	6.98	0.0919	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	293	9.19	"	"	"	"	"
Cadmium	0.242	0.0919	"	"	"	"	"
Copper	13.1	9.19	"	"	"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG03@6'

7/31/2023 3:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-28 (Soil)

Table 915 metals by EPA 6020B

Lead	ND	9.19	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	14.4	9.19	"	"	"	"	"
Selenium	0.140	0.0919	"	"	"	"	"
Silver	ND	0.0919	"	"	"	"	"
Zinc	ND	91.9	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.507	mg/Kg	1	L696799	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG04@3'

7/31/2023 3:02:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-29 (Soil)

Boron (DTPA Sorbitol)

Boron	1.14	0.0987	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	13.4	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	12.0	0.823	"	"	"	"	"
Sodium	13.5	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.15		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	11.9		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.46	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	6.31	0.0974	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	275	9.74	"	"	"	"	"
Cadmium	0.278	0.0974	"	"	"	"	"
Copper	14.3	9.74	"	"	"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG04@3'

7/31/2023 3:02:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-29 (Soil)

Table 915 metals by EPA 6020B

Lead	11.4	9.74	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	15.7	9.74	"	"	"	"	"
Selenium	0.218	0.0974	"	"	"	"	"
Silver	ND	0.0974	"	"	"	"	"
Zinc	ND	97.4	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L696799	07/31/2023	08/04/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG04@6'

7/31/2023 3:04:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-30 (Soil)

Boron (DTPA Sorbitol)

Boron	1.97	0.0994	mg/L	1	B3H0107	08/01/2023	08/02/2023
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Metals by Saturated Paste by EPA 6010

Calcium	7.52	0.499	meq/L	10	[CALC]	08/01/2023	08/02/2023
Magnesium	7.29	0.823	"	"	"	"	"
Sodium	9.78	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.85		pH Units	1	B3H0115	08/01/2023	08/02/2023
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SAR by 20B Saturated Paste

SAR	11.4		SAR	1	B3H0110	08/01/2023	08/02/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.29	0.00500	mmhos/cm	1	B3H0115	08/01/2023	08/02/2023
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Table 915 metals by EPA 6020B

Arsenic	5.76	0.0954	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Barium	321	9.54	"	"	"	"	"
Cadmium	0.252	0.0954	"	"	"	"	"
Copper	14.6	9.54	"	"	"	"	"

Origins Laboratory, Inc.



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6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

WH-BG04@6'

7/31/2023 3:04:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-30 (Soil)

Table 915 metals by EPA 6020B

Lead	12.0	9.54	mg/kg	10	B3H0128	08/01/2023	08/02/2023
Nickel	17.1	9.54	"	"	"	"	"
Selenium	0.300	0.0954	"	"	"	"	"
Silver	ND	0.0954	"	"	"	"	"
Zinc	ND	95.4	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L696799	07/31/2023	08/04/2023
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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

24-36-GW01

7/31/2023 11:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-31 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3G3109	07/31/2023	07/31/2023	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	U
Benzene	ND	1.00	"	"	"	"	"	U
Ethylbenzene	ND	1.00	"	"	"	"	"	U
Naphthalene	ND	2.00	"	"	"	"	"	U
Toluene	ND	1.00	"	"	"	"	"	U
Xylenes, total	ND	1.00	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	90.1 %	70-130	"	"	"
Surrogate: Toluene-d8	112 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	107 %	70-130	"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLINN
10,24,40,12,39,19,16,33,14,36-36

10-36-GW01

7/31/2023 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y307697-32 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3G3109	07/31/2023	07/31/2023	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	"	"	U
Benzene	ND	1.00	"	"	"	"	"	U
Ethylbenzene	ND	1.00	"	"	"	"	"	U
Naphthalene	ND	2.00	"	"	"	"	"	U
Toluene	ND	1.00	"	"	"	"	"	U
Xylenes, total	ND	1.00	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130	"	"	"
Surrogate: Toluene-d8	104 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	70-130	"	"	"

Origins Laboratory, Inc.



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6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3109 - EPA 5030B (Water)										
Blank (B3G3109-BLK1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	ND	2.00	ug/L							U
1,3,5-Trimethylbenzene	ND	2.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	2.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		95.7	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3109 - EPA 5030B (Water)										
LCS (B3G3109-BS1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	55.3	2.00	ug/L	50.0		111	70-130			
1,3,5-Trimethylbenzene	56.1	2.00	"	50.0		112	70-130			
Benzene	54.9	1.00	"	50.0		110	70-130			
Ethylbenzene	54.4	1.00	"	50.0		109	70-130			
m,p-Xylene	103	2.00	"	100		103	70-130			
Naphthalene	53.9	2.00	"	50.0		108	70-130			
o-Xylene	48.7	1.00	"	50.0		97.5	70-130			
Toluene	54.9	1.00	"	50.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	58		"	62.5		92.4	70-130			
Surrogate: Toluene-d8	64		"	62.5		103	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3109 - EPA 5030B (Water)										
Matrix Spike (B3G3109-MS1)		Source: Y307631-01			Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	54.0	2.00	ug/L	50.0	ND	108	70-130			
1,3,5-Trimethylbenzene	47.1	2.00	"	50.0	ND	94.2	70-130			
Benzene	176	1.00	"	50.0	0.990	350	70-130			QM-07
Ethylbenzene	44.1	1.00	"	50.0	ND	88.2	70-130			
m,p-Xylene	92.2	2.00	"	100	2.60	89.6	70-130			
Naphthalene	47.3	2.00	"	50.0	ND	94.6	70-130			
o-Xylene	39.2	1.00	"	50.0	ND	78.3	70-130			
Toluene	43.8	1.00	"	50.0	ND	87.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		96.2	70-130			
Surrogate: Toluene-d8	73		"	62.5		117	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3109 - EPA 5030B (Water)										
Matrix Spike Dup (B3G3109-MSD1)	Source: Y307631-01				Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	56.2	2.00	ug/L	50.0	ND	112	70-130	4.12	20	
1,3,5-Trimethylbenzene	54.8	2.00	"	50.0	ND	110	70-130	15.0	20	
Benzene	143	1.00	"	50.0	0.990	284	70-130	20.9	20	QM-07
Ethylbenzene	55.4	1.00	"	50.0	ND	111	70-130	22.8	20	QR-02
m,p-Xylene	116	2.00	"	100	2.60	113	70-130	22.5	20	QR-02
Naphthalene	53.4	2.00	"	50.0	ND	107	70-130	12.1	20	
o-Xylene	50.4	1.00	"	50.0	ND	101	70-130	25.0	20	QR-02
Toluene	56.0	1.00	"	50.0	ND	112	70-130	24.4	20	QR-02
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		95.6	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.3	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3120 - EPA 5030 (soil)										
Blank (B3G3120-BLK1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	102		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	104		70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125	91.9		70-130			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3120 - EPA 5030 (soil)										
LCS (B3G3120-BS1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	0.0961	0.00200	mg/kg				70-130			
1,3,5-Trimethylbenzene	0.0958	0.00200	"				70-130			
Benzene	0.0865	0.00200	"				70-130			
Ethylbenzene	0.0990	0.00200	"				70-130			
Naphthalene	0.106	0.00380	"				70-130			
Toluene	0.0863	0.00200	"				70-130			
o-Xylene	0.0970	0.00200	"				70-130			
m,p-Xylene	0.200	0.00400	"				70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3120 - EPA 5030 (soil)										
Matrix Spike (B3G3120-MS1)		Source: Y307690-01			Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	0.0941	0.00200	mg/kg		0.000500		70-130			
1,3,5-Trimethylbenzene	0.0938	0.00200	"		ND		70-130			
Benzene	0.0865	0.00200	"		0.00172		70-130			
Ethylbenzene	0.0948	0.00200	"		0.000880		70-130			
Naphthalene	0.124	0.00380	"		0.00100		70-130			
Toluene	0.0853	0.00200	"		ND		70-130			
o-Xylene	0.0939	0.00200	"		ND		70-130			
m,p-Xylene	0.191	0.00400	"		ND		70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3120 - EPA 5030 (soil)										
Matrix Spike Dup (B3G3120-MSD1)		Source: Y307690-01			Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	0.100	0.00200	mg/kg		0.000500		70-130	6.52	20	
1,3,5-Trimethylbenzene	0.103	0.00200	"		ND		70-130	8.84	20	
Benzene	0.0868	0.00200	"		0.00172		70-130	0.369	20	
Ethylbenzene	0.104	0.00200	"		0.000880		70-130	8.84	20	
Naphthalene	0.113	0.00380	"		0.00100		70-130	9.82	20	
Toluene	0.0907	0.00200	"		ND		70-130	6.07	20	
o-Xylene	0.102	0.00200	"		ND		70-130	8.03	20	
m,p-Xylene	0.209	0.00400	"		ND		70-130	8.61	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3121 - EPA 3550B										
Blank (B3G3121-BLK1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		94.4	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLINN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3121 - EPA 3550B										
LCS (B3G3121-BS1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
Diesel (C10-C28)	999	50.0	mg/kg	1000		99.9	70-130			
Residual Range Organics (C28-C40)	1030	200	"	1000		103	70-130			
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3121 - EPA 3550B

Matrix Spike (B3G3121-MS1)		Source: Y307690-01			Prepared: 07/31/2023 Analyzed: 07/31/2023					
Diesel (C10-C28)	975	50.0	mg/kg	1000	ND	97.5	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000	ND	101	70-130			
Surrogate: o-Terphenyl	55		"	49.8		111	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLINN
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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3121 - EPA 3550B										
Matrix Spike Dup (B3G3121-MSD1)										
					Source: Y307690-01					
					Prepared: 07/31/2023		Analyzed: 07/31/2023			
Diesel (C10-C28)	1000	50.0	mg/kg	1000	ND	100	70-130	2.51	35	
Residual Range Organics (C28-C40)	1020	200	"	1000	ND	102	70-130	1.11	35	
Surrogate: o-Terphenyl	46		"	49.8		91.7	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3122 - EPA 5030 (soil)										
Blank (B3G3122-BLK1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.8	70-130			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3122 - EPA 5030 (soil)										
LCS (B3G3122-BS1)					Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg				70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"				70-130			
Benzene	0.0878	0.00200	"				70-130			
Ethylbenzene	0.111	0.00200	"				70-130			
Naphthalene	0.123	0.00380	"				70-130			
Toluene	0.0954	0.00200	"				70-130			
o-Xylene	0.120	0.00200	"				70-130			
m,p-Xylene	0.233	0.00400	"				70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.9	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

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Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3122 - EPA 5030 (soil)

Matrix Spike (B3G3122-MS1)		Source: Y307697-01			Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	0.0933	0.00200	mg/kg		0.00236		70-130			
1,3,5-Trimethylbenzene	0.0935	0.00200	"		0.000720		70-130			
Benzene	0.0803	0.00200	"		ND		70-130			
Ethylbenzene	0.0921	0.00200	"		0.000840		70-130			
Naphthalene	0.122	0.00380	"		ND		70-130			
Toluene	0.0844	0.00200	"		0.00100		70-130			
o-Xylene	0.0930	0.00200	"		ND		70-130			
m,p-Xylene	0.186	0.00400	"		ND		70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3122 - EPA 5030 (soil)										
Matrix Spike Dup (B3G3122-MSD1)		Source: Y307697-01			Prepared: 07/31/2023 Analyzed: 07/31/2023					
1,2,4-Trimethylbenzene	0.0964	0.00200	mg/kg		0.00236		70-130	3.21	20	
1,3,5-Trimethylbenzene	0.0931	0.00200	"		0.000720		70-130	0.472	20	
Benzene	0.0804	0.00200	"		ND		70-130	0.124	20	
Ethylbenzene	0.0902	0.00200	"		0.000840		70-130	2.13	20	
Naphthalene	0.118	0.00380	"		ND		70-130	3.70	20	
Toluene	0.0829	0.00200	"		0.00100		70-130	1.77	20	
o-Xylene	0.0923	0.00200	"		ND		70-130	0.734	20	
m,p-Xylene	0.184	0.00400	"		ND		70-130	1.15	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3123 - EPA 3550B										
Blank (B3G3123-BLK1)					Prepared: 07/31/2023 Analyzed: 08/01/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		90.4	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLINN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3G3123 - EPA 3550B										
LCS (B3G3123-BS1)					Prepared: 07/31/2023 Analyzed: 08/01/2023					
Diesel (C10-C28)	1120	50.0	mg/kg	1000		112	70-130			
Residual Range Organics (C28-C40)	1190	200	"	1000		119	70-130			
Surrogate: o-Terphenyl	63		"	49.8		127	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3123 - EPA 3550B

Matrix Spike (B3G3123-MS1)		Source: Y307697-01			Prepared: 07/31/2023 Analyzed: 08/01/2023					
Diesel (C10-C28)	1070	50.0	mg/kg	1000	ND	107	70-130			
Residual Range Organics (C28-C40)	1120	200	"	1000	ND	112	70-130			
Surrogate: o-Terphenyl	58		"	49.8		118	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLINN
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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3123 - EPA 3550B

Matrix Spike Dup (B3G3123-MSD1)		Source: Y307697-01			Prepared: 07/31/2023 Analyzed: 08/01/2023					
Diesel (C10-C28)	954	50.0	mg/kg	1000	ND	95.4	70-130	11.6	35	
Residual Range Organics (C28-C40)	981	200	"	1000	ND	98.1	70-130	13.4	35	
Surrogate: o-Terphenyl	53		"	49.8		107	50-150			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H0128 - EPA 3050B

Blank (B3H0128-BLK1)

Prepared: 08/01/2023 Analyzed: 08/02/2023

Arsenic	ND	0.000100	mg/kg
Barium	ND	0.0100	"
Cadmium	ND	0.000100	"
Copper	ND	0.0100	"
Lead	ND	0.0100	"
Nickel	ND	0.0100	"
Selenium	ND	0.000100	"
Silver	ND	0.000100	"
Zinc	ND	0.100	"

LCS (B3H0128-BS1)

Prepared: 08/01/2023 Analyzed: 08/02/2023

Arsenic	0.0547	0.000100	mg/kg	0.0500	109	80-120
Barium	5.35	0.0100	"	5.00	107	80-120
Cadmium	0.0534	0.000100	"	0.0500	107	80-120
Copper	0.579	0.0100	"	0.500	116	80-120
Lead	0.0511	0.0100	"	0.0500	102	80-120
Nickel	0.0568	0.0100	"	0.0500	114	80-120
Selenium	0.0502	0.000100	"	0.0500	100	80-120
Silver	0.0524	0.000100	"	0.0500	105	80-120
Zinc	0.549	0.100	"	0.500	110	80-120

Matrix Spike (B3H0128-MS1)

Source: Y307395-01

Prepared: 08/01/2023 Analyzed: 08/02/2023

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Project Number: [none]
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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0128 - EPA 3050B										
Matrix Spike (B3H0128-MS1)			Source: Y307395-01		Prepared: 08/01/2023 Analyzed: 08/02/2023					
Arsenic	6.47	0.0948	mg/kg	4.74	6.15	6.71	75-125			QM-07
Barium	529	9.48	"	474	95.5	91.6	75-125			
Cadmium	5.00	0.0948	"	4.74	0.0624	104	75-125			
Copper	55.2	9.48	"	47.4	5.40	105	75-125			
Lead	8.79	9.48	"	4.74	6.10	56.7	75-125			QM-07
Nickel	8.86	9.48	"	4.74	7.74	23.7	75-125			QM-07
Selenium	4.78	0.0948	"	4.74	ND	101	75-125			
Silver	4.88	0.0948	"	4.74	0.0293	102	75-125			
Zinc	66.4	94.8	"	47.4	28.1	80.8	75-125			
Matrix Spike Dup (B3H0128-MSD1)			Source: Y307395-01		Prepared: 08/01/2023 Analyzed: 08/02/2023					
Arsenic	6.09	0.0868	mg/kg	4.34	6.15	NR	75-125	6.05	20	QM-07
Barium	481	8.68	"	434	95.5	88.8	75-125	9.59	20	
Cadmium	4.49	0.0868	"	4.34	0.0624	102	75-125	10.7	20	
Copper	50.2	8.68	"	43.4	5.40	103	75-125	9.46	20	
Lead	8.36	8.68	"	4.34	6.10	51.9	75-125	5.04	20	QM-07
Nickel	8.43	8.68	"	4.34	7.74	16.0	75-125	4.95	20	QM-07
Selenium	4.15	0.0868	"	4.34	0.0359	94.8	75-125	14.1	20	
Silver	4.40	0.0868	"	4.34	0.0293	101	75-125	10.5	20	
Zinc	63.1	86.8	"	43.4	28.1	80.6	75-125	5.07	20	

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3117 - EPA 3580

Blank (B3G3117-BLK1)

Prepared: 07/31/2023 Analyzed: 08/01/2023

1-Methylnaphthalene	ND	0.002	mg/kg							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 (g,h,i) perylene	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
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		94.0	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			
Surrogate: Pyrene-d10	190		"	200		96.8	60-130			

LCS (B3G3117-BS1)

Prepared: 07/31/2023 Analyzed: 08/01/2023

1-Methylnaphthalene	0.196	0.002	mg/kg	0.200		97.8	70-130			
2-Methylnaphthalene	0.196	0.002	"	0.200		97.9	70-130			
Acenaphthene	0.180	0.020	"	0.200		90.1	70-130			
Anthracene	0.154	0.020	"	0.200		76.8	70-130			

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3117 - EPA 3580

LCS (B3G3117-BS1)

Prepared: 07/31/2023 Analyzed: 08/01/2023

Benzo (a) anthracene	0.181	0.005	mg/kg	0.200		90.7	70-130
Benzo (a) pyrene	0.172	0.020	"	0.200		86.1	70-130
Benzo (b) fluoranthene	0.192	0.020	"	0.200		96.1	70-130
Benzo (g,h,i) perylene	0.192	0.020	"	0.200		96.1	70-130
Benzo (k) fluoranthene	0.192	0.020	"	0.200		95.8	70-130
Chrysene	0.183	0.020	"	0.200		91.6	70-130
Dibenz (a,h) anthracene	0.224	0.020	"	0.200		112	70-130
Fluoranthene	0.181	0.020	"	0.200		90.7	70-130
Fluorene	0.187	0.020	"	0.200		93.3	70-130
Indeno (1,2,3-cd) pyrene	0.186	0.020	"	0.200		93.0	70-130
Naphthalene	0.190	0.002	"	0.200		95.2	70-130
Phenanthrene	0.168	0.020	"	0.200		84.2	70-130
Pyrene	0.192	0.020	"	0.200		96.0	70-130
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130
Surrogate: Anthracene-d10	190		"	200		93.4	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130
Surrogate: Pyrene-d10	200		"	200		98.5	60-130

Matrix Spike (B3G3117-MS1)

Source: Y307675-01

Prepared: 07/31/2023 Analyzed: 08/01/2023

1-Methylnaphthalene	0.205	0.002	mg/kg	0.200	ND	102	70-130
2-Methylnaphthalene	0.199	0.002	"	0.200	ND	99.7	70-130
Acenaphthene	0.190	0.020	"	0.200	ND	95.2	70-130
Anthracene	0.163	0.020	"	0.200	ND	81.5	70-130
Benzo (a) anthracene	0.196	0.005	"	0.200	ND	97.9	70-130
Benzo (a) pyrene	0.169	0.020	"	0.200	0.002	83.5	70-130
Benzo (b) fluoranthene	0.200	0.020	"	0.200	ND	99.8	70-130
Benzo (g,h,i) perylene	0.215	0.020	"	0.200	0.006	105	70-130

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3117 - EPA 3580

Matrix Spike (B3G3117-MS1)		Source: Y307675-01			Prepared: 07/31/2023 Analyzed: 08/01/2023					
Benzo (k) fluoranthene	0.199	0.020	mg/kg	0.200	ND	99.4	70-130			
Chrysene	0.190	0.020	"	0.200	ND	94.8	70-130			
Dibenz (a,h) anthracene	0.232	0.020	"	0.200	ND	116	70-130			
Fluoranthene	0.185	0.020	"	0.200	ND	92.5	70-130			
Fluorene	0.190	0.020	"	0.200	ND	94.8	70-130			
Indeno (1,2,3-cd) pyrene	0.190	0.020	"	0.200	ND	95.2	70-130			
Naphthalene	0.195	0.002	"	0.200	ND	97.4	70-130			
Phenanthrene	0.177	0.020	"	0.200	ND	88.3	70-130			
Pyrene	0.207	0.020	"	0.200	ND	104	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		94.1	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			

Matrix Spike Dup (B3G3117-MSD1)		Source: Y307675-01			Prepared: 07/31/2023 Analyzed: 08/01/2023					
1-Methylnaphthalene	0.203	0.002	mg/kg	0.200	ND	102	70-130	0.778	20	
2-Methylnaphthalene	0.200	0.002	"	0.200	ND	99.9	70-130	0.258	20	
Acenaphthene	0.185	0.020	"	0.200	ND	92.3	70-130	3.14	20	
Anthracene	0.160	0.020	"	0.200	ND	80.1	70-130	1.74	20	
Benzo (a) anthracene	0.193	0.005	"	0.200	ND	96.7	70-130	1.19	20	
Benzo (a) pyrene	0.196	0.020	"	0.200	0.002	97.2	70-130	15.0	20	
Benzo (b) fluoranthene	0.202	0.020	"	0.200	ND	101	70-130	1.19	20	
Benzo (g,h,i) perylene	0.198	0.020	"	0.200	0.006	96.3	70-130	8.00	20	
Benzo (k) fluoranthene	0.204	0.020	"	0.200	ND	102	70-130	2.43	20	
Chrysene	0.189	0.020	"	0.200	ND	94.7	70-130	0.0962	20	
Dibenz (a,h) anthracene	0.234	0.020	"	0.200	ND	117	70-130	0.945	20	
Fluoranthene	0.184	0.020	"	0.200	ND	91.8	70-130	0.748	20	

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3G3117 - EPA 3580

Matrix Spike Dup (B3G3117-MSD1)		Source: Y307675-01			Prepared: 07/31/2023 Analyzed: 08/01/2023					
Fluorene	0.192	0.020	mg/kg	0.200	ND	96.2	70-130	1.47	20	
Indeno (1,2,3-cd) pyrene	0.195	0.020	"	0.200	ND	97.4	70-130	2.27	20	
Naphthalene	0.196	0.002	"	0.200	ND	98.1	70-130	0.714	20	
Phenanthrene	0.178	0.020	"	0.200	ND	89.1	70-130	0.840	20	
Pyrene	0.211	0.020	"	0.200	ND	106	70-130	1.89	20	
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		93.4	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			
Surrogate: Pyrene-d10	210		"	200		103	60-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H0106 - DTPA Sorbitol Preparation

Blank (B3H0106-BLK1)

Prepared: 08/01/2023 Analyzed: 08/02/2023

Boron ND 0.100 mg/L

Duplicate (B3H0106-DUP1)

Source: Y307693-04

Prepared: 08/01/2023 Analyzed: 08/02/2023

Boron 0.111 0.0981 mg/L 0.103 7.87 50

Batch B3H0107 - DTPA Sorbitol Preparation

Blank (B3H0107-BLK1)

Prepared: 08/01/2023 Analyzed: 08/02/2023

Boron ND 0.100 mg/L

Duplicate (B3H0107-DUP1)

Source: Y307697-16

Prepared: 08/01/2023 Analyzed: 08/02/2023

Boron 0.324 0.0995 mg/L 0.315 2.86 50

Batch B3H0109 - Saturated Paste Metals

Blank (B3H0109-BLK1)

Prepared: 08/01/2023 Analyzed: 08/02/2023

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

Duplicate (B3H0109-DUP1)

Source: Y307693-04

Prepared: 08/01/2023 Analyzed: 08/02/2023

Calcium PPM 23.8 10.0 mg/L 24.5 2.57 50

SAR 0.00 SAR 8.93 200 200

Magnesium PPM 4.43 10.0 mg/L 4.50 1.57 50

Sodium PPM 55.9 10.0 " 57.9 3.48 50

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0110 - Saturated Paste Metals										
Blank (B3H0110-BLK1)					Prepared: 08/01/2023 Analyzed: 08/02/2023					
SAR	0.00		SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							
Duplicate (B3H0110-DUP1)					Source: Y307697-16		Prepared: 08/01/2023 Analyzed: 08/02/2023			
Calcium PPM	8.90	10.0	mg/L		8.75			1.70	50	
SAR	0.00		SAR		10.8			200	200	
Magnesium PPM	1.17	10.0	mg/L		1.29			9.76	50	
Sodium PPM	137	10.0	"		130			5.21	50	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H0113 - Saturated Paste pH/EC

Blank (B3H0113-BLK1)

Prepared: 08/01/2023 Analyzed: 08/02/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3H0113-DUP1)

Source: Y307693-04

Prepared: 08/01/2023 Analyzed: 08/02/2023

pH	8.28		pH Units	8.29		0.121	25
Specific Conductance (EC)	0.469	0.00500	mmhos/cm	0.486		3.54	25

Batch B3H0115 - Saturated Paste pH/EC

Blank (B3H0115-BLK1)

Prepared: 08/01/2023 Analyzed: 08/02/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3H0115-DUP1)

Source: Y307697-16

Prepared: 08/01/2023 Analyzed: 08/02/2023

Specific Conductance (EC)	0.817	0.00500	mmhos/cm	0.826		1.18	25
pH	8.97		pH Units	9.08		1.22	25

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

**Total Metals by 7196A - Quality Control
Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L696799 -										
DUP (L 88821-DUP)		Source: Y307697-30			Prepared: Analyzed: 08/04/2023					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
MS (L 88821-MS)		Source: Y307697-30			Prepared: Analyzed: 08/04/2023					
Chromium, Hexavalent	31.6	2.5	mg/Kg	39.3	<1.22	80	75-125			
LCS (LCS)					Prepared: Analyzed: 08/04/2023					
Chromium, Hexavalent	7.13	0.5	mg/Kg	8		89	75-125			
LRB (LRB)					Prepared: Analyzed: 08/04/2023					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

**Total Metals by 7196A - Quality Control
Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L696797 -										
DUP (L 88810-DUP)		Source: 88810			Prepared: Analyzed: 08/04/2023					
Chromium, Hexavalent	ND	0.518	mg/Kg		<0.518	-		0	20	
MS (L 88810-MS)		Source: 88810			Prepared: Analyzed: 08/04/2023					
Chromium, Hexavalent	36.4	2.59	mg/Kg	41.5	<1.26	88	75-125			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Notes and Definitions

U Sample is Non-Detect.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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



August 08, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

**Project Name - KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36**

Project Number - [none]

Attached are your analytical results for KMG - NGLENN 10,24,40,12,39,19,16,33,14,36-36 received by Origins Laboratory, Inc. August 02, 2023. This project is associated with Origins project number Y308047-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
19-36-FL-B02@4'	Y308047-01	Soil	August 2, 2023 9:20	08/02/2023 14:10
36-36-FL-B02@4'	Y308047-02	Soil	August 2, 2023 9:22	08/02/2023 14:10
39,16,23 FL-B02@4'	Y308047-03	Soil	August 2, 2023 9:24	08/02/2023 14:10
12,40-36-FL-B02@4'	Y308047-04	Soil	August 2, 2023 9:26	08/02/2023 14:10
10-36-FL-B02@4'	Y308047-05	Soil	August 2, 2023 9:28	08/02/2023 14:10
24-36-FL-B02@4'	Y308047-06	Soil	August 2, 2023 9:30	08/02/2023 14:10

Origins Laboratory, Inc.



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

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

[illegible]

Origins Laboratory, Inc.

Byron

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4308047

Client: Tasman

Client Project ID: NGLENN ST 10, 24, 40, 12, 39, 19, 16, 33, 14, 36-36

Checklist Completed by: EHS

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

Date/time completed: 8/2/23

Airbill #: N/A

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

Cooler Number/Temperature: 1, 9, 9 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 7004

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"/>		<u>SD</u>
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Emilio Sagen
Reviewed by (Project Manager)

8/2/23
Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

19-36-FL-B02@4'

8/2/2023 9:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.419	0.100	mg/L	1	B3H0307	KAP	08/03/2023	08/04/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H0230	ZZZ	08/02/2023	08/02/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	108 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H0231	JSM	"	08/02/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.8 %	70-130			"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

19-36-FL-B02@4'

8/2/2023 9:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-01 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	1.02	0.499	meq/L	10	[CALC]	KAP	08/03/2023	08/04/2023
Magnesium	1.46	0.823	"	"	"	KAP	"	"
Sodium	0.525	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.19		pH Units	1	B3H0313	HJD	08/03/2023	08/04/2023
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SAR by 20B Saturated Paste

SAR	0.471		SAR	1	B3H0310	KAP	08/03/2023	08/04/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.294	0.00500	mmhos/cm	1	B3H0313	HJD	08/03/2023	08/04/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

36-36-FL-B02@4'

8/2/2023 9:22:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.280	0.0994	mg/L	1	B3H0307	KAP	08/03/2023	08/04/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H0230	ZZZ	08/02/2023	08/02/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	113 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H0231	JSM	"	08/02/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	113 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.7 %	70-130			"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

36-36-FL-B02@4'

8/2/2023 9:22:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-02 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	1.12	0.499	meq/L	10	[CALC]	KAP	08/03/2023	08/04/2023
Magnesium	1.32	0.823	"	"	"	KAP	"	"
Sodium	ND	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.16		pH Units	1	B3H0313	HJD	08/03/2023	08/04/2023
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SAR by 20B Saturated Paste

SAR	0.198		SAR	1	B3H0310	KAP	08/03/2023	08/04/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.250	0.00500	mmhos/cm	1	B3H0313	HJD	08/03/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

39.16.23 FL-B02@4'

8/2/2023 9:24:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.549	0.0992	mg/L	1	B3H0307	KAP	08/03/2023	08/04/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H0230	ZZZ	08/02/2023	08/02/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	115 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H0231	JSM	"	08/02/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	111 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.1 %	70-130			"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences

6855 West 119th Avenue

Broomfield CO 80020

Andy Sagen

Project Number: [none]

Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

39.16.23 FL-B02@4'

8/2/2023 9:24:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y308047-03 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	0.873	0.499	meq/L	10	[CALC]	KAP	08/03/2023	08/04/2023
Magnesium	1.60	0.823	"	"	"	KAP	"	"
Sodium	1.33	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.24		pH Units	1	B3H0313	HJD	08/03/2023	08/04/2023
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SAR by 20B Saturated Paste

SAR	1.20		SAR	1	B3H0310	KAP	08/03/2023	08/04/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.362	0.00500	mmhos/cm	1	B3H0313	HJD	08/03/2023	08/04/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

12.40-36-FL-B02@4'

8/2/2023 9:26:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.323	0.0985	mg/L	1	B3H0307	KAP	08/03/2023	08/04/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H0230	ZZZ	08/02/2023	08/02/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	111 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H0231	JSM	"	08/02/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130			"	"	"
Surrogate: Toluene-d8	104 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	92.7 %	70-130			"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

12.40-36-FL-B02@4'
8/2/2023 9:26:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-04 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	1.19	0.499	meq/L	10	[CALC]	KAP	08/03/2023	08/04/2023
Magnesium	1.17	0.823	"	"	"	KAP	"	"
Sodium	0.459	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.11		pH Units	1	B3H0313	HJD	08/03/2023	08/04/2023
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SAR by 20B Saturated Paste

SAR	0.422		SAR	1	B3H0310	KAP	08/03/2023	08/04/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.258	0.00500	mmhos/cm	1	B3H0313	HJD	08/03/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

10-36-FL-B02@4'

8/2/2023 9:28:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.183	0.0998	mg/L	1	B3H0307	KAP	08/03/2023	08/04/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H0230	ZZZ	08/02/2023	08/02/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	115 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H0231	JSM	"	08/02/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	103 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	98.3 %	70-130			"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences

6855 West 119th Avenue

Broomfield CO 80020

Andy Sagen

Project Number: [none]

Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

10-36-FL-B02@4'

8/2/2023 9:28:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-05 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	1.49	0.499	meq/L	10	[CALC]	KAP	08/03/2023	08/04/2023
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	0.539	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.11		pH Units	1	B3H0313	HJD	08/03/2023	08/04/2023
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SAR by 20B Saturated Paste

SAR	0.503		SAR	1	B3H0310	KAP	08/03/2023	08/04/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.277	0.00500	mmhos/cm	1	B3H0313	HJD	08/03/2023	08/04/2023
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

24-36-FL-B02@4'

8/2/2023 9:30:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.293	0.0995	mg/L	1	B3H0307	KAP	08/03/2023	08/04/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H0230	ZZZ	08/02/2023	08/02/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	114 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H0231	JSM	"	08/02/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	97.5 %	70-130			"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences

6855 West 119th Avenue

Broomfield CO 80020

Andy Sagen

Project Number: [none]

Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

24-36-FL-B02@4'

8/2/2023 9:30:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308047-06 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	1.16	0.499	meq/L	10	[CALC]	KAP	08/03/2023	08/04/2023
Magnesium	0.826	0.823	"	"	"	KAP	"	"
Sodium	1.24	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.13		pH Units	1	B3H0313	HJD	08/03/2023	08/04/2023
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SAR by 20B Saturated Paste

SAR	1.24		SAR	1	B3H0310	KAP	08/03/2023	08/04/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.294	0.00500	mmhos/cm	1	B3H0313	HJD	08/03/2023	08/04/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0230 - EPA 3550B										
Blank (B3H0230-BLK1)					Prepared: 08/02/2023 Analyzed: 08/02/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	29		"	24.9		118	50-150			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H0230 - EPA 3550B

LCS (B3H0230-BS1)

Prepared: 08/02/2023 Analyzed: 08/02/2023

Diesel (C10-C28)	862	50.0	mg/kg	1000		86.2	70-130			
Residual Range Organics (C28-C40)	1060	200	"	1000		106	70-130			
Surrogate: o-Terphenyl	59		"	49.8		118	50-150			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H0230 - EPA 3550B

Matrix Spike (B3H0230-MS1)		Source: Y308047-01			Prepared: 08/02/2023 Analyzed: 08/02/2023					
Diesel (C10-C28)	822	50.0	mg/kg	1000	ND	82.2	70-130			
Residual Range Organics (C28-C40)	982	200	"	1000	ND	98.2	70-130			
Surrogate: o-Terphenyl	56		"	49.8		114	50-150			

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H0230 - EPA 3550B

Matrix Spike Dup (B3H0230-MSD1)		Source: Y308047-01			Prepared: 08/02/2023 Analyzed: 08/02/2023					
Diesel (C10-C28)	856	50.0	mg/kg	1000	ND	85.6	70-130	4.02	35	
Residual Range Organics (C28-C40)	1030	200	"	1000	ND	103	70-130	5.07	35	
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0231 - EPA 5030 (soil)										
Blank (B3H0231-BLK1)					Prepared: 08/02/2023 Analyzed: 08/02/2023					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.2	70-130			

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0231 - EPA 5030 (soil)										
LCS (B3H0231-BS1)					Prepared: 08/02/2023 Analyzed: 08/02/2023					
1,2,4-Trimethylbenzene	0.106	0.00200	mg/kg	0.100		106	70-130			
1,3,5-Trimethylbenzene	0.108	0.00200	"	0.100		108	70-130			
Benzene	0.0942	0.00200	"	0.100		94.2	70-130			
Ethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Naphthalene	0.117	0.00380	"	0.100		117	70-130			
Toluene	0.0994	0.00200	"	0.100		99.4	70-130			
o-Xylene	0.108	0.00200	"	0.100		108	70-130			
m,p-Xylene	0.220	0.00400	"	0.200		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0231 - EPA 5030 (soil)										
Matrix Spike (B3H0231-MS1)		Source: Y308047-01			Prepared: 08/02/2023 Analyzed: 08/02/2023					
1,2,4-Trimethylbenzene	0.119	0.00200	mg/kg	0.100	ND	119	70-130			
1,3,5-Trimethylbenzene	0.121	0.00200	"	0.100	ND	121	70-130			
Benzene	0.103	0.00200	"	0.100	ND	103	70-130			
Ethylbenzene	0.121	0.00200	"	0.100	ND	121	70-130			
Naphthalene	0.142	0.00380	"	0.100	0.00128	141	70-130			QM-07
Toluene	0.107	0.00200	"	0.100	ND	107	70-130			
o-Xylene	0.121	0.00200	"	0.100	ND	121	70-130			
m,p-Xylene	0.245	0.00400	"	0.200	ND	122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		109	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0231 - EPA 5030 (soil)										
Matrix Spike Dup (B3H0231-MSD1)		Source: Y308047-01			Prepared: 08/02/2023 Analyzed: 08/02/2023					
1,2,4-Trimethylbenzene	0.102	0.00200	mg/kg	0.100	ND	102	70-130	15.4	20	
1,3,5-Trimethylbenzene	0.104	0.00200	"	0.100	ND	104	70-130	15.2	20	
Benzene	0.0896	0.00200	"	0.100	ND	89.6	70-130	14.2	20	
Ethylbenzene	0.104	0.00200	"	0.100	ND	104	70-130	15.6	20	
Naphthalene	0.130	0.00380	"	0.100	0.00128	128	70-130	9.43	20	
Toluene	0.0940	0.00200	"	0.100	ND	94.0	70-130	12.5	20	
o-Xylene	0.103	0.00200	"	0.100	ND	103	70-130	16.3	20	
m,p-Xylene	0.208	0.00400	"	0.200	ND	104	70-130	16.2	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		110	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H0307 - DTPA Sorbitol Preparation

Blank (B3H0307-BLK1)

Prepared: 08/03/2023 Analyzed: 08/04/2023

Boron ND 0.100 mg/L

Duplicate (B3H0307-DUP1)

Source: Y308047-01

Prepared: 08/03/2023 Analyzed: 08/04/2023

Boron 0.361 0.0994 mg/L 0.419 14.8 50

Batch B3H0310 - Saturated Paste Metals

Blank (B3H0310-BLK1)

Prepared: 08/03/2023 Analyzed: 08/04/2023

Calcium PPM ND 10.0 mg/L

SAR 0.00 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

Duplicate (B3H0310-DUP1)

Source: Y308047-01

Prepared: 08/03/2023 Analyzed: 08/04/2023

Calcium PPM 19.3 10.0 mg/L 20.5 5.98 50

SAR 0.00 SAR 0.471 200 200

Magnesium PPM 16.8 10.0 mg/L 17.8 5.26 50

Sodium PPM 12.0 10.0 " 12.1 0.498 50

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3H0313 - Saturated Paste pH/EC										
Blank (B3H0313-BLK1)					Prepared: 08/03/2023 Analyzed: 08/04/2023					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B3H0313-DUP1)					Source: Y308047-01 Prepared: 08/03/2023 Analyzed: 08/04/2023					
Specific Conductance (EC)	0.275	0.00500	mmhos/cm		0.294			6.65	25	
pH	8.22		pH Units		8.19			0.366	25	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN
10,24,40,12,39,19,16,33,14,36-36

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 Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.

A handwritten signature in black ink, appearing to read "J. Bynon".

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



September 20, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

**Project Name - KMG - NGLENN
40,10,12,16,24,33-36**

Project Number - [none]

Attached are your analytical results for KMG - NGLENN 40,10,12,16,24,33-36 received by Origins Laboratory, Inc. September 12, 2023. This project is associated with Origins project number Y309210-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
40-36-WH-B02@8'	Y309210-01	Soil	September 12, 2023 13:28	09/12/2023 15:20
40-36-WH-N02@7'	Y309210-02	Soil	September 12, 2023 13:30	09/12/2023 15:20
40-36-WH-S02@7'	Y309210-03	Soil	September 12, 2023 13:32	09/12/2023 15:20
40-36-WH-E02@7'	Y309210-04	Soil	September 12, 2023 13:34	09/12/2023 15:20
40-36-WH-W02@7'	Y309210-05	Soil	September 12, 2023 13:36	09/12/2023 15:20
10-36-WH-B02@6'	Y309210-06	Soil	September 12, 2023 14:06	09/12/2023 15:20
24-36-WH-B02@6'	Y309210-07	Soil	September 12, 2023 14:08	09/12/2023 15:20
33-36-WH-B02@6'	Y309210-08	Soil	September 12, 2023 14:10	09/12/2023 15:20
16-36-WH-B02@6'	Y309210-09	Soil	September 12, 2023 14:12	09/12/2023 15:20
12-36-WH-B02@6'	Y309210-10	Soil	September 12, 2023 14:14	09/12/2023 15:20

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

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

Sample Receipt Checklist

Origins Work Order: 4309210 Client: Tasman
Client Project ID: NGLENN 41012/16,24
Checklist Completed by: EHS/ACN Shipped Via: HD 33-36
Date/time completed: 9/12/13 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____
(Describe)
Cooler Number/Temperature: 1 89 °C 1 °C 1 °C 1 °C
Thermometer ID: 7004

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"/>		<u>SD</u>
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)			<input checked="" type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)			<input checked="" type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analysis 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)			<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.

[Signature] 9/12/13
Reviewed by (Project Manager) Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-B02@8'
9/12/2023 1:28:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-01 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B311233	ZZZ	09/12/2023	09/12/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 80.7 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B311234	JSM	09/12/2023	09/12/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 112 % 70-130 " " "
Surrogate: Toluene-d8 94.0 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 90.2 % 70-130 " " "

Metals by Saturated Paste by EPA 6010

Calcium	20.5	0.499	meq/L	10	[CALC]	KAP	09/13/2023	09/14/2023	
Magnesium	14.9	0.823	"	"	"	KAP	"	"	
Sodium	22.9	0.435	"	"	"	KAP	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-B02@8'
9/12/2023 1:28:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-01 (Soil)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B311236	Windo	09/12/2023	09/12/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Naphthalene	ND	0.002	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Surrogate: Fluorene-d10	104 %	60-130	"	"	"
Surrogate: Anthracene-d10	98.0 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	104 %	60-130	"	"	"
Surrogate: Pyrene-d10	83.6 %	60-130	"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-B02@8'
9/12/2023 1:28:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-01 (Soil)

pH in Soil by 9045D

pH	7.75		pH Units	1	B3I1312	HJD	09/13/2023	09/14/2023
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SAR by 20B Saturated Paste

SAR	5.45	0.0100	SAR	1	B3I1306	KAP	09/13/2023	09/14/2023
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Table 915 metals by EPA 6020B

Arsenic	0.0315	0.00100	mg/kg	10	B3I1235	CIH	09/12/2023	09/14/2023
Barium	0.474	0.100	"	"	"	CIH	"	"
Cadmium	0.00164	0.00100	"	"	"	CIH	"	"
Copper	0.149	0.100	"	"	"	CIH	"	"
Lead	0.152	0.100	"	"	"	CIH	"	"
Nickel	0.170	0.100	"	"	"	CIH	"	"
Selenium	0.00122	0.00100	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-N02@7'
9/12/2023 1:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-02 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B311233	ZZZ	09/12/2023	09/12/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 78.0 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B311234	JSM	09/12/2023	09/12/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 113 % 70-130 " " "
Surrogate: Toluene-d8 94.7 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 87.6 % 70-130 " " "

Metals by Saturated Paste by EPA 6010

Calcium	3.30	0.499	meq/L	10	[CALC]	KAP	09/13/2023	09/14/2023	
Magnesium	3.53	0.823	"	"	"	KAP	"	"	
Sodium	17.9	0.435	"	"	"	KAP	"	"	

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLINN 40,10,12,16,24,33-36

40-36-WH-N02@7'

9/12/2023 1:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-02 (Soil)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B311236	Windo	09/12/2023	09/12/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Naphthalene	ND	0.002	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Surrogate: Fluorene-d10	104 %	60-130	"	"	"
Surrogate: Anthracene-d10	97.5 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	101 %	60-130	"	"	"
Surrogate: Pyrene-d10	98.0 %	60-130	"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-N02@7'

9/12/2023 1:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-02 (Soil)

pH in Soil by 9045D

pH	8.12		pH Units	1	B3I1312	HJD	09/13/2023	09/14/2023
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SAR by 20B Saturated Paste

SAR	9.66	0.0100	SAR	1	B3I1306	KAP	09/13/2023	09/14/2023
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Table 915 metals by EPA 6020B

Arsenic	0.0325	0.00100	mg/kg	10	B3I1235	CIH	09/12/2023	09/14/2023
Barium	0.651	0.100	"	"	"	CIH	"	"
Cadmium	0.00155	0.00100	"	"	"	CIH	"	"
Copper	0.128	0.100	"	"	"	CIH	"	"
Lead	0.131	0.100	"	"	"	CIH	"	"
Nickel	0.123	0.100	"	"	"	CIH	"	"
Selenium	0.00294	0.00100	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-S02@7'
9/12/2023 1:32:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-03 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B311233	ZZZ	09/12/2023	09/12/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 77.7 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B311234	JSM	09/12/2023	09/12/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 115 % 70-130 " " "
Surrogate: Toluene-d8 93.7 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 86.2 % 70-130 " " "

Metals by Saturated Paste by EPA 6010

Calcium	26.4	0.499	meq/L	10	[CALC]	KAP	09/13/2023	09/14/2023	
Magnesium	12.4	0.823	"	"	"	KAP	"	"	
Sodium	7.22	0.435	"	"	"	KAP	"	"	

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-S02@7'

9/12/2023 1:32:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-03 (Soil)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B311236	Windo	09/12/2023	09/12/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Naphthalene	ND	0.002	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Surrogate: Fluorene-d10	105 %	60-130	"	"	"
Surrogate: Anthracene-d10	98.1 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %	60-130	"	"	"
Surrogate: Pyrene-d10	90.1 %	60-130	"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-S02@7'

9/12/2023 1:32:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-03 (Soil)

pH in Soil by 9045D

pH	7.60		pH Units	1	B3I1312	HJD	09/13/2023	09/14/2023
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SAR by 20B Saturated Paste

SAR	1.64	0.0100	SAR	1	B3I1306	KAP	09/13/2023	09/14/2023
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Table 915 metals by EPA 6020B

Arsenic	0.0306	0.00100	mg/kg	10	B3I1235	CIH	09/12/2023	09/14/2023
Barium	0.398	0.100	"	"	"	CIH	"	"
Cadmium	0.00114	0.00100	"	"	"	CIH	"	"
Copper	0.158	0.100	"	"	"	CIH	"	"
Lead	0.141	0.100	"	"	"	CIH	"	"
Nickel	0.132	0.100	"	"	"	CIH	"	"
Selenium	0.00245	0.00100	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-E02@7'

9/12/2023 1:34:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-04 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B311233	ZZZ	09/12/2023	09/12/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 75.2 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B311234	JSM	09/12/2023	09/12/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 113 % 70-130 " " "
Surrogate: Toluene-d8 94.8 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 90.5 % 70-130 " " "

Metals by Saturated Paste by EPA 6010

Calcium	13.6	0.499	meq/L	10	[CALC]	KAP	09/13/2023	09/14/2023	
Magnesium	13.3	0.823	"	"	"	KAP	"	"	
Sodium	20.2	0.435	"	"	"	KAP	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-E02@7'

9/12/2023 1:34:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-04 (Soil)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B311236	Windo	09/12/2023	09/12/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Naphthalene	ND	0.002	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Surrogate: Fluorene-d10	104 %	60-130	"	"	"
Surrogate: Anthracene-d10	97.5 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	103 %	60-130	"	"	"
Surrogate: Pyrene-d10	88.6 %	60-130	"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-E02@7'

9/12/2023 1:34:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-04 (Soil)

pH in Soil by 9045D

pH	7.85		pH Units	1	B3I1312	HJD	09/13/2023	09/14/2023
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SAR by 20B Saturated Paste

SAR	5.52	0.0100	SAR	1	B3I1306	KAP	09/13/2023	09/14/2023
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Table 915 metals by EPA 6020B

Arsenic	0.0422	0.00100	mg/kg	10	B3I1235	CIH	09/12/2023	09/14/2023
Barium	0.910	0.100	"	"	"	CIH	"	"
Cadmium	0.00141	0.00100	"	"	"	CIH	"	"
Copper	0.192	0.100	"	"	"	CIH	"	"
Lead	0.156	0.100	"	"	"	CIH	"	"
Nickel	0.173	0.100	"	"	"	CIH	"	"
Selenium	0.00243	0.00100	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-W02@7'

9/12/2023 1:36:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-05 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B311233	ZZZ	09/12/2023	09/13/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 77.3 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B311234	JSM	09/12/2023	09/12/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 114 % 70-130 " " "
Surrogate: Toluene-d8 95.4 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 90.5 % 70-130 " " "

Metals by Saturated Paste by EPA 6010

Calcium	1.96	0.499	meq/L	10	[CALC]	KAP	09/13/2023	09/14/2023
Magnesium	2.12	0.823	"	"	"	KAP	"	"
Sodium	8.11	0.435	"	"	"	KAP	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-W02@7'

9/12/2023 1:36:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-05 (Soil)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B311236	Windo	09/12/2023	09/12/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Naphthalene	ND	0.002	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Surrogate: Fluorene-d10	106 %	60-130	"	"	"
Surrogate: Anthracene-d10	96.6 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	103 %	60-130	"	"	"
Surrogate: Pyrene-d10	93.1 %	60-130	"	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

40-36-WH-W02@7'

9/12/2023 1:36:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-05 (Soil)

pH in Soil by 9045D

pH	8.15		pH Units	1	B3I1312	HJD	09/13/2023	09/14/2023
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SAR by 20B Saturated Paste

SAR	5.68	0.0100	SAR	1	B3I1306	KAP	09/13/2023	09/14/2023
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Table 915 metals by EPA 6020B

Arsenic	0.0857	0.00100	mg/kg	10	B3I1235	CIH	09/12/2023	09/14/2023
Barium	1.42	0.100	"	"	"	CIH	"	"
Cadmium	0.00201	0.00100	"	"	"	CIH	"	"
Copper	0.147	0.100	"	"	"	CIH	"	"
Lead	0.139	0.100	"	"	"	CIH	"	"
Nickel	0.151	0.100	"	"	"	CIH	"	"
Selenium	0.00255	0.00100	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

10-36-WH-B02@6'
9/12/2023 2:06:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-06 (Soil)

Boron (DTPA Sorbitol)

Boron	2.16	0.0988	mg/L	1	B3I1309	KAP	09/13/2023	09/14/2023
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pH in Soil by 9045D

pH	7.81		pH Units	1	B3I1315	HJD	09/13/2023	09/14/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.62	0.00500	mmhos/cm	"	"	HJD	"	"
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

24-36-WH-B02@6'

9/12/2023 2:08:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-07 (Soil)

Boron (DTPA Sorbitol)

Boron	1.59	0.0995	mg/L	1	B3I1309	KAP	09/13/2023	09/14/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.42	0.00500	mmhos/cm	1	B3I1315	HJD	09/13/2023	09/14/2023	
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Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

33-36-WH-B02@6'
9/12/2023 2:10:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-08 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	0.650	0.499	meq/L	10	[CALC]	KAP	09/13/2023	09/14/2023
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	3.22	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.37		pH Units	1	B3I1312	HJD	09/13/2023	09/14/2023
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SAR by 20B Saturated Paste

SAR	3.82	0.0100	SAR	1	B3I1306	KAP	09/13/2023	09/14/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

16-36-WH-B02@6'
9/12/2023 2:12:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-09 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	1.01	0.499	meq/L	10	[CALC]	KAP	09/13/2023	09/14/2023
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	3.86	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.28		pH Units	1	B3I1312	HJD	09/13/2023	09/14/2023
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SAR by 20B Saturated Paste

SAR	4.31	0.0100	SAR	1	B3I1306	KAP	09/13/2023	09/14/2023
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

12-36-WH-B02@6'

9/12/2023 2:14:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309210-10 (Soil)

pH in Soil by 9045D

pH	7.84	pH Units	1	B3I1315	HJD	09/13/2023	09/14/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.57	0.00500	mmhos/cm	"	"	HJD	"	"
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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I1233 - EPA 3550B										
Blank (B3I1233-BLK1)					Prepared: 09/12/2023 Analyzed: 09/12/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		87.9	50-150			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1233 - EPA 3550B

LCS (B3I1233-BS1)

Prepared: 09/12/2023 Analyzed: 09/12/2023

Diesel (C10-C28)	717	50.0	mg/kg	1000		71.7	70-130			
Residual Range Organics (C28-C40)	944	200	"	1000		94.4	70-130			
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I1233 - EPA 3550B										
Matrix Spike (B3I1233-MS1)										
		Source: Y309208-01				Prepared: 09/12/2023 Analyzed: 09/12/2023				
Diesel (C10-C28)	750	50.0	mg/kg	1000	ND	75.0	70-130			
Residual Range Organics (C28-C40)	983	200	"	1000	ND	98.3	70-130			
Surrogate: o-Terphenyl	44		"	49.8		87.9	50-150			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I1233 - EPA 3550B										
Matrix Spike Dup (B3I1233-MSD1)										
		Source: Y309208-01			Prepared: 09/12/2023 Analyzed: 09/12/2023					
Diesel (C10-C28)	746	50.0	mg/kg	1000	ND	74.6	70-130	0.515	35	
Residual Range Organics (C28-C40)	963	200	"	1000	ND	96.3	70-130	2.08	35	
Surrogate: o-Terphenyl	43		"	49.8		85.6	50-150			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I1234 - EPA 5030 (soil)										
Blank (B3I1234-BLK1)					Prepared: 09/12/2023 Analyzed: 09/12/2023					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		110	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		90.9	70-130			

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6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B311234 - EPA 5030 (soil)

LCS (B311234-BS1)

Prepared: 09/12/2023 Analyzed: 09/12/2023

1,2,4-Trimethylbenzene	0.0982	0.00200	mg/kg	0.100		98.2	70-130			
1,3,5-Trimethylbenzene	0.0960	0.00200	"	0.100		96.0	70-130			
Benzene	0.108	0.00200	"	0.100		108	70-130			
Ethylbenzene	0.0922	0.00200	"	0.100		92.2	70-130			
Naphthalene	0.0934	0.00380	"	0.100		93.4	70-130			
Toluene	0.0981	0.00200	"	0.100		98.1	70-130			
o-Xylene	0.0898	0.00200	"	0.100		89.8	70-130			
m,p-Xylene	0.189	0.00400	"	0.200		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.4	70-130			

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I1234 - EPA 5030 (soil)										
Matrix Spike (B3I1234-MS1)		Source: Y309208-01			Prepared: 09/12/2023 Analyzed: 09/12/2023					
1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100	ND	103	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100	ND	103	70-130			
Benzene	0.106	0.00200	"	0.100	ND	106	70-130			
Ethylbenzene	0.0954	0.00200	"	0.100	ND	95.4	70-130			
Naphthalene	0.102	0.00380	"	0.100	ND	102	70-130			
Toluene	0.100	0.00200	"	0.100	ND	100	70-130			
o-Xylene	0.0922	0.00200	"	0.100	ND	92.2	70-130			
m,p-Xylene	0.195	0.00400	"	0.200	ND	97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		109	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.2	70-130			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B311234 - EPA 5030 (soil)										
Matrix Spike Dup (B311234-MSD1)	Source: Y309208-01				Prepared: 09/12/2023 Analyzed: 09/12/2023					
1,2,4-Trimethylbenzene	0.106	0.00200	mg/kg	0.100	ND	106	70-130	2.54	20	
1,3,5-Trimethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130	1.81	20	
Benzene	0.103	0.00200	"	0.100	ND	103	70-130	3.07	20	
Ethylbenzene	0.0940	0.00200	"	0.100	ND	94.0	70-130	1.39	20	
Naphthalene	0.112	0.00380	"	0.100	ND	112	70-130	9.57	20	
Toluene	0.0982	0.00200	"	0.100	ND	98.2	70-130	1.92	20	
o-Xylene	0.0931	0.00200	"	0.100	ND	93.1	70-130	0.972	20	
m,p-Xylene	0.192	0.00400	"	0.200	ND	96.0	70-130	1.48	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.0	70-130			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1235 - EPA 3050B

Blank (B3I1235-BLK1)

Prepared: 09/12/2023 Analyzed: 09/14/2023

Arsenic	ND	0.000100	mg/kg
Barium	ND	0.0100	"
Cadmium	ND	0.000100	"
Copper	ND	0.0100	"
Lead	ND	0.0100	"
Nickel	ND	0.0100	"
Selenium	ND	0.000100	"
Silver	ND	0.000100	"
Zinc	ND	0.100	"

LCS (B3I1235-BS1)

Prepared: 09/12/2023 Analyzed: 09/14/2023

Arsenic	0.0478	0.000100	mg/kg	0.0500	95.7	80-120
Barium	5.08	0.0100	"	5.00	102	80-120
Cadmium	0.0498	0.000100	"	0.0500	99.7	80-120
Copper	0.510	0.0100	"	0.500	102	80-120
Lead	0.0480	0.0100	"	0.0500	96.1	80-120
Nickel	0.0476	0.0100	"	0.0500	95.3	80-120
Selenium	0.0494	0.000100	"	0.0500	98.8	80-120
Silver	0.0477	0.000100	"	0.0500	95.4	80-120
Zinc	0.480	0.100	"	0.500	96.0	80-120

Matrix Spike (B3I1235-MS1)

Source: Y309208-01

Prepared: 09/12/2023 Analyzed: 09/14/2023

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1235 - EPA 3050B

Matrix Spike (B3I1235-MS1)		Source: Y309208-01			Prepared: 09/12/2023 Analyzed: 09/14/2023					
Arsenic	0.0624	0.00100	mg/kg	0.0500	0.00854	108	75-125			
Barium	5.19	0.100	"	5.00	0.310	97.7	75-125			
Cadmium	0.0502	0.00100	"	0.0500	0.000220	99.9	75-125			
Copper	0.517	0.100	"	0.500	0.0172	100	75-125			
Lead	0.0866	0.100	"	0.0500	0.0271	119	75-125			
Nickel	0.0703	0.100	"	0.0500	0.0216	97.3	75-125			
Selenium	0.0482	0.00100	"	0.0500	ND	96.3	75-125			
Silver	0.0474	0.00100	"	0.0500	ND	94.9	75-125			
Zinc	0.611	1.00	"	0.500	0.124	97.4	75-125			
Matrix Spike Dup (B3I1235-MSD1)		Source: Y309208-01			Prepared: 09/12/2023 Analyzed: 09/14/2023					
Arsenic	0.0598	0.00100	mg/kg	0.0500	0.00854	102	75-125	4.30	20	
Barium	5.11	0.100	"	5.00	0.310	96.1	75-125	1.57	20	
Cadmium	0.0501	0.00100	"	0.0500	0.000220	99.8	75-125	0.0998	20	
Copper	0.516	0.100	"	0.500	0.0172	99.8	75-125	0.147	20	
Lead	0.0809	0.100	"	0.0500	0.0271	108	75-125	6.81	20	
Nickel	0.0694	0.100	"	0.0500	0.0216	95.6	75-125	1.27	20	
Selenium	0.0482	0.00100	"	0.0500	ND	96.4	75-125	0.0830	20	
Silver	0.0475	0.00100	"	0.0500	ND	95.0	75-125	0.126	20	
Zinc	0.611	1.00	"	0.500	0.124	97.3	75-125	0.0409	20	

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1236 - EPA 3580

Blank (B3I1236-BLK1)

Prepared: 09/12/2023 Analyzed: 09/12/2023

1-Methylnaphthalene	ND	0.002	mg/kg							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 (g,h,i) perylene	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
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	200		"	200		97.6	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			
Surrogate: Pyrene-d10	180		"	200		88.9	60-130			

LCS (B3I1236-BS1)

Prepared: 09/12/2023 Analyzed: 09/12/2023

1-Methylnaphthalene	0.193	0.002	mg/kg	0.200		96.4	70-130			
2-Methylnaphthalene	0.192	0.002	"	0.200		96.2	70-130			
Acenaphthene	0.182	0.020	"	0.200		91.1	70-130			
Anthracene	0.167	0.020	"	0.200		83.5	70-130			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1236 - EPA 3580

LCS (B3I1236-BS1)

Prepared: 09/12/2023 Analyzed: 09/12/2023

Benzo (a) anthracene	0.185	0.005	mg/kg	0.200		92.5	70-130
Benzo (a) pyrene	0.177	0.020	"	0.200		88.4	70-130
Benzo (b) fluoranthene	0.195	0.020	"	0.200		97.7	70-130
Benzo (g,h,i) perylene	0.220	0.020	"	0.200		110	70-130
Benzo (k) fluoranthene	0.191	0.020	"	0.200		95.7	70-130
Chrysene	0.174	0.020	"	0.200		86.9	70-130
Dibenz (a,h) anthracene	0.185	0.020	"	0.200		92.5	70-130
Fluoranthene	0.200	0.020	"	0.200		99.9	70-130
Fluorene	0.189	0.020	"	0.200		94.6	70-130
Indeno (1,2,3-cd) pyrene	0.197	0.020	"	0.200		98.4	70-130
Naphthalene	0.186	0.002	"	0.200		93.1	70-130
Phenanthrene	0.184	0.020	"	0.200		92.1	70-130
Pyrene	0.175	0.020	"	0.200		87.6	70-130
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130
Surrogate: Anthracene-d10	190		"	200		96.4	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.1	60-130
Surrogate: Pyrene-d10	180		"	200		91.9	60-130

Matrix Spike (B3I1236-MS1)

Source: Y309208-01

Prepared: 09/12/2023 Analyzed: 09/12/2023

1-Methylnaphthalene	0.197	0.002	mg/kg	0.200	ND	98.5	70-130
2-Methylnaphthalene	0.197	0.002	"	0.200	ND	98.4	70-130
Acenaphthene	0.190	0.020	"	0.200	ND	95.2	70-130
Anthracene	0.175	0.020	"	0.200	ND	87.4	70-130
Benzo (a) anthracene	0.174	0.005	"	0.200	ND	86.8	70-130
Benzo (a) pyrene	0.189	0.020	"	0.200	ND	94.4	70-130
Benzo (b) fluoranthene	0.219	0.020	"	0.200	ND	110	70-130
Benzo (g,h,i) perylene	0.235	0.020	"	0.200	ND	118	70-130

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1236 - EPA 3580

Matrix Spike (B3I1236-MS1)		Source: Y309208-01			Prepared: 09/12/2023 Analyzed: 09/12/2023					
Benzo (k) fluoranthene	0.174	0.020	mg/kg	0.200	ND	86.9	70-130			
Chrysene	0.175	0.020	"	0.200	ND	87.6	70-130			
Dibenz (a,h) anthracene	0.172	0.020	"	0.200	ND	86.2	70-130			
Fluoranthene	0.218	0.020	"	0.200	ND	109	70-130			
Fluorene	0.198	0.020	"	0.200	ND	99.1	70-130			
Indeno (1,2,3-cd) pyrene	0.191	0.020	"	0.200	ND	95.3	70-130			
Naphthalene	0.194	0.002	"	0.200	ND	97.0	70-130			
Phenanthrene	0.184	0.020	"	0.200	ND	92.1	70-130			
Pyrene	0.198	0.020	"	0.200	ND	98.9	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	190		"	200		96.9	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		98.2	60-130			

Matrix Spike Dup (B3I1236-MSD1)		Source: Y309208-01			Prepared: 09/12/2023 Analyzed: 09/12/2023					
1-Methylnaphthalene	0.195	0.002	mg/kg	0.200	ND	97.3	70-130	1.23	20	
2-Methylnaphthalene	0.194	0.002	"	0.200	ND	96.9	70-130	1.54	20	
Acenaphthene	0.186	0.020	"	0.200	ND	93.1	70-130	2.19	20	
Anthracene	0.177	0.020	"	0.200	ND	88.4	70-130	1.11	20	
Benzo (a) anthracene	0.189	0.005	"	0.200	ND	94.7	70-130	8.75	20	
Benzo (a) pyrene	0.171	0.020	"	0.200	ND	85.3	70-130	10.1	20	
Benzo (b) fluoranthene	0.206	0.020	"	0.200	ND	103	70-130	6.31	20	
Benzo (g,h,i) perylene	0.244	0.020	"	0.200	ND	122	70-130	3.65	20	
Benzo (k) fluoranthene	0.181	0.020	"	0.200	ND	90.5	70-130	4.06	20	
Chrysene	0.184	0.020	"	0.200	ND	91.8	70-130	4.65	20	
Dibenz (a,h) anthracene	0.194	0.020	"	0.200	ND	96.9	70-130	11.8	20	
Fluoranthene	0.203	0.020	"	0.200	ND	102	70-130	6.85	20	

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1236 - EPA 3580

Matrix Spike Dup (B3I1236-MSD1)		Source: Y309208-01			Prepared: 09/12/2023 Analyzed: 09/12/2023					
Fluorene	0.200	0.020	mg/kg	0.200	ND	100	70-130	1.04	20	
Indeno (1,2,3-cd) pyrene	0.218	0.020	"	0.200	ND	109	70-130	13.5	20	
Naphthalene	0.191	0.002	"	0.200	ND	95.6	70-130	1.41	20	
Phenanthrene	0.182	0.020	"	0.200	ND	91.2	70-130	0.986	20	
Pyrene	0.182	0.020	"	0.200	ND	91.0	70-130	8.36	20	
Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	190		"	200		96.0	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.6	60-130			
Surrogate: Pyrene-d10	190		"	200		93.2	60-130			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I1306 - Saturated Paste Metals

Blank (B3I1306-BLK1)

Prepared: 09/13/2023 Analyzed: 09/14/2023

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

Duplicate (B3I1306-DUP1)

Source: Y309210-01

Prepared: 09/13/2023 Analyzed: 09/14/2023

SAR	ND	0.0100	SAR	5.45			200
Calcium PPM	470	10.0	mg/L	411		13.3	50
Magnesium PPM	193	10.0	"	181		6.27	50
Sodium PPM	536	10.0	"	527		1.59	50

Batch B3I1309 - DTPA Sorbitol Preparation

Blank (B3I1309-BLK1)

Prepared: 09/13/2023 Analyzed: 09/14/2023

Boron	ND	0.100	mg/L
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Duplicate (B3I1309-DUP1)

Source: Y308778-21

Prepared: 09/13/2023 Analyzed: 09/14/2023

Boron	0.218	0.0987	mg/L	0.223		2.21	50
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Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I1312 - Saturated Paste pH/EC										
Duplicate (B3I1312-DUP1)		Source: Y309210-01			Prepared: 09/13/2023 Analyzed: 09/14/2023					
pH	7.37		pH Units		7.75			5.03	25	
Batch B3I1315 - Saturated Paste pH/EC										
Blank (B3I1315-BLK1)		Prepared: 09/13/2023 Analyzed: 09/14/2023								
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B3I1315-DUP1)		Source: Y309199-01			Prepared: 09/13/2023 Analyzed: 09/14/2023					
Specific Conductance (EC)	0.215	0.00500	mmhos/cm		0.230			6.69	25	
pH	8.24		pH Units		8.20			0.487	25	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 40,10,12,16,24,33-36

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



October 12, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - NGLENN 10, 24-36

Project Number - [none]

Attached are your analytical results for KMG - NGLENN 10, 24-36 received by Origins Laboratory, Inc. September 25, 2023. This project is associated with Origins project number Y309575-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG05@6'	Y309575-01	Soil	September 25, 2023 8:38	09/25/2023 17:50
BG05@8'	Y309575-02	Soil	September 25, 2023 8:50	09/25/2023 17:50
BG06@6'	Y309575-03	Soil	September 25, 2023 8:52	09/25/2023 17:50
BG06@8'	Y309575-04	Soil	September 25, 2023 8:45	09/25/2023 17:50
BG07@6'	Y309575-05	Soil	September 25, 2023 8:47	09/25/2023 17:50
BG07@8'	Y309575-06	Soil	September 25, 2023 8:49	09/25/2023 17:50
BG08@6'	Y309575-07	Soil	September 25, 2023 8:51	09/25/2023 17:50
BG08@8'	Y309575-08	Soil	September 25, 2023 8:53	09/25/2023 17:50

Origins Laboratory, Inc.



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

Jen Pellegrini, Project Manager

Tasman Geosciences

6855 West 119th Avenue

Broomfield CO 80020

Andy Sagen

Project Number: [none]

Project: KMG - NGLENN 10, 24-36

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

ORIGINS
LABORATORY, INC

Handwritten: 309575

www.originslaboratory.com

page / of /

Client: On/Person

Address: 6855 W 119th Ave,
Broomfield, CO 80020

Telephone Number: PM Contact Number (720) 939-3631

Email Address: On/Person@originslab.com

Project Manager: Andy Sagen

Project Name: *Handwritten:* NGLENN 10, 24-36

Project Number:

Samples Collected By: *Handwritten:* David Elmer

Method of Delivery (Circle One): Hand Delivered, Palletized, Ground, Air, Sea, Drop Service Center Drop, Freight, UPS

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix		Analysis		Please contact 248 with any questions. Samples to be analyzed for PCBs 315						
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other		GRTEXN+TMB	DRO/ORO	PAH	SAR	IC	pH
B605 e 6'	9-15-03	5:38	1						X									
B605 e 8'		5:50							X									
B606 e 6'		4:52							X									
B606 e 8'		5:45							X									
B607 e 6'		5:47							X									
B607 e 8'		5:49							X									
B608 e 6'		8:51							X									
B608 e 8'		4:53							X									

Date Results Needed

Origins Laboratory, Inc.

Handwritten Signature: Jen Pellegrini

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Origins Laboratory

Origins Work Order: 4309975

Checklist Completed by: JP

Date/time completed: 9-25-23

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

Cooler Number/Temperature: 1, 7 °C 1 °C 1 °C (Describe) °C

Thermometer ID: T603

Sample Receipt Checklist

Client: Tasman

Client Project ID: NGLENN

Shipped Via: HD

Airbill #: XXXX

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

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

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

Reviewed by (Project Manager): JP

Date/Time Reviewed: 9/25/23

Origins Laboratory, Inc.

Jen Pellegrini

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG05@6'
9/25/2023 8:38:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.482	0.0993	mg/L	1	B3I2610	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	24.8	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	10.1	0.823	"	"	"	KAP	"	"
Sodium	5.17	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.96		pH Units	1	B3I2627	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	1.24	0.0100	SAR	1	B3I2616	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.79	0.00500	mmhos/cm	1	B3I2627	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	2.49	0.0865	mg/kg	10	B3I2624	CIH	09/26/2023	09/28/2023
Barium	36.4	8.65	"	"	"	CIH	"	"
Cadmium	0.100	0.0865	"	"	"	CIH	"	"
Copper	12.0	8.65	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG05@6'

9/25/2023 8:38:00AM

Analyte	Result	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit								

Origins Laboratory, Inc.
Y309575-01 (Soil)

Table 915 metals by EPA 6020B

Lead	14.9	8.65	mg/kg	10	B312624	CIH	09/26/2023	09/28/2023
Nickel	15.0	8.65	"	"	"	CIH	"	"
Selenium	0.107	0.0865	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG05@8'
9/25/2023 8:50:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-02 (Soil)

Boron (DTPA Sorbitol)

Boron	1.04	0.0993	mg/L	1	B3I2610	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	22.4	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	16.4	0.823	"	"	"	KAP	"	"
Sodium	8.39	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.08		pH Units	1	B3I2627	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	1.90	0.0100	SAR	1	B3I2616	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.38	0.00500	mmhos/cm	1	B3I2627	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	3.48	0.0975	mg/kg	10	B3I2624	CIH	09/26/2023	09/28/2023
Barium	121	9.75	"	"	"	CIH	"	"
Cadmium	0.306	0.0975	"	"	"	CIH	"	"
Copper	15.0	9.75	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG05@8'

9/25/2023 8:50:00AM

Analyte	Result	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit								

Origins Laboratory, Inc.
Y309575-02 (Soil)

Table 915 metals by EPA 6020B

Lead	14.1	9.75	mg/kg	10	B312624	CIH	09/26/2023	09/28/2023
Nickel	20.7	9.75	"	"	"	CIH	"	"
Selenium	0.335	0.0975	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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

Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG06@6'

9/25/2023 8:52:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.319	0.101	mg/L	1	B3I2611	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	1.89	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	2.39	0.823	"	"	"	KAP	"	"
Sodium	3.26	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.28		pH Units	1	B3I2627	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	2.23	0.0100	SAR	1	B3I2616	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.783	0.00500	mmhos/cm	1	B3I2627	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	4.94	0.0924	mg/kg	10	B3I2821	CIH	09/28/2023	10/10/2023
Barium	433	9.24	"	"	"	CIH	"	"
Cadmium	0.187	0.0924	"	"	"	CIH	"	"
Copper	12.0	9.24	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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

Tasman Geosciences

6855 West 119th Avenue

Broomfield CO 80020

Andy Sagen

Project Number: [none]

Project: KMG - NGLENN 10, 24-36

BG06@6'

9/25/2023 8:52:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y309575-03 (Soil)

Table 915 metals by EPA 6020B

Lead	ND	9.24	mg/kg	10	B312821	CIH	09/28/2023	10/10/2023	U
Nickel	12.3	9.24	"	"	"	CIH	"	"	
Selenium	0.589	0.0924	"	"	"	CIH	"	"	

Origins Laboratory, Inc.



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

Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG06@8'
9/25/2023 8:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.721	0.0982	mg/L	1	B3I2611	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	2.96	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	5.88	0.823	"	"	"	KAP	"	"
Sodium	4.34	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.21		pH Units	1	B3I2627	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	2.06	0.0100	SAR	1	B3I2616	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.20	0.00500	mmhos/cm	1	B3I2627	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	1.97	0.0910	mg/kg	10	B3I2623	CIH	09/26/2023	09/28/2023
Barium	40.0	9.10	"	"	"	CIH	"	"
Cadmium	0.112	0.0910	"	"	"	CIH	"	"
Copper	ND	9.10	"	"	"	CIH	"	" U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG06@8'

9/25/2023 8:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-04 (Soil)

Table 915 metals by EPA 6020B

Lead	ND	9.10	mg/kg	10	B312623	CIH	09/26/2023	09/28/2023	U
Nickel	ND	9.10	"	"	"	CIH	"	"	U
Selenium	0.121	0.0910	"	"	"	CIH	"	"	

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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG07@6'
9/25/2023 8:47:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-05 (Soil)

Boron (DTPA Sorbitol)

Boron	1.87	0.100	mg/L	1	B3I2611	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	16.9	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	13.5	0.823	"	"	"	KAP	"	"
Sodium	25.8	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.00		pH Units	1	B3I2628	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	6.63	0.0100	SAR	1	B3I2617	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.38	0.00500	mmhos/cm	1	B3I2628	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	17.5	0.0977	mg/kg	10	B3I2623	CIH	09/26/2023	09/28/2023
Barium	1750	9.77	"	"	"	CIH	"	"
Cadmium	1.06	0.0977	"	"	"	CIH	"	"
Copper	12.4	9.77	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG07@6'

9/25/2023 8:47:00AM

Analyte	Result	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit								

Origins Laboratory, Inc.
Y309575-05 (Soil)

Table 915 metals by EPA 6020B

Lead	11.3	9.77	mg/kg	10	B312623	CIH	09/26/2023	09/28/2023
Nickel	38.4	9.77	"	"	"	CIH	"	"
Selenium	0.243	0.0977	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG07@8'
9/25/2023 8:49:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-06 (Soil)

Boron (DTPA Sorbitol)

Boron	2.62	0.0997	mg/L	1	B3I2611	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	20.2	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	17.9	0.823	"	"	"	KAP	"	"
Sodium	38.1	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.97		pH Units	1	B3I2628	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	8.73	0.0100	SAR	1	B3I2617	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.63	0.00500	mmhos/cm	1	B3I2628	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	6.61	0.0853	mg/kg	10	B3I2623	CIH	09/26/2023	09/28/2023
Barium	82.2	8.53	"	"	"	CIH	"	"
Cadmium	0.419	0.0853	"	"	"	CIH	"	"
Copper	21.2	8.53	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences

6855 West 119th Avenue

Broomfield CO 80020

Andy Sagen

Project Number: [none]

Project: KMG - NGLENN 10, 24-36

BG07@8'

9/25/2023 8:49:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y309575-06 (Soil)

Table 915 metals by EPA 6020B

Lead	17.2	8.53	mg/kg	10	B312623	CIH	09/26/2023	09/28/2023
Nickel	53.9	8.53	"	"	"	CIH	"	"
Selenium	0.639	0.0853	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG08@6'
9/25/2023 8:51:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-07 (Soil)

Boron (DTPA Sorbitol)

Boron	3.23	0.0984	mg/L	1	B3I2611	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	2.86	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	3.26	0.823	"	"	"	KAP	"	"
Sodium	8.45	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.35		pH Units	1	B3I2628	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	4.83	0.0100	SAR	1	B3I2617	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.29	0.00500	mmhos/cm	1	B3I2628	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	3.86	0.0934	mg/kg	10	B3I2623	CIH	09/26/2023	09/28/2023
Barium	111	9.34	"	"	"	CIH	"	"
Cadmium	0.150	0.0934	"	"	"	CIH	"	"
Copper	13.1	9.34	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG08@6'

9/25/2023 8:51:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-07 (Soil)

Table 915 metals by EPA 6020B

Lead	11.8	9.34	mg/kg	10	B312623	CIH	09/26/2023	09/28/2023
Nickel	18.8	9.34	"	"	"	CIH	"	"
Selenium	0.254	0.0934	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG08@8'

9/25/2023 8:53:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
Y309575-08 (Soil)**

Boron (DTPA Sorbitol)

Boron	1.83	0.0985	mg/L	1	B3I2611	KAP	09/26/2023	09/27/2023
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Metals by Saturated Paste by EPA 6010

Calcium	11.7	0.499	meq/L	10	[CALC]	KAP	09/26/2023	09/27/2023
Magnesium	12.2	0.823	"	"	"	KAP	"	"
Sodium	14.1	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.04		pH Units	1	B3I2628	HJD	09/26/2023	09/27/2023
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SAR by 20B Saturated Paste

SAR	4.08	0.0100	SAR	1	B3I2617	KAP	09/26/2023	09/27/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.94	0.00500	mmhos/cm	1	B3I2628	HJD	09/26/2023	09/27/2023
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Table 915 metals by EPA 6020B

Arsenic	2.19	0.0857	mg/kg	10	B3I2623	CIH	09/26/2023	09/28/2023
Barium	50.6	8.57	"	"	"	CIH	"	"
Cadmium	0.275	0.0857	"	"	"	CIH	"	"
Copper	11.2	8.57	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

BG08@8'

9/25/2023 8:53:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309575-08 (Soil)

Table 915 metals by EPA 6020B

Lead	12.9	8.57	mg/kg	10	B312623	CIH	09/26/2023	09/28/2023
Nickel	8.98	8.57	"	"	"	CIH	"	"
Selenium	0.117	0.0857	"	"	"	CIH	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I2623 - EPA 3050B										
Blank (B3I2623-BLK1)					Prepared: 09/26/2023 Analyzed: 09/28/2023					
Arsenic	ND	0.000100	mg/kg							U
Barium	ND	0.0100	"							U
Cadmium	ND	0.000100	"							U
Copper	ND	0.0100	"							U
Lead	ND	0.0100	"							U
Nickel	ND	0.0100	"							U
Selenium	ND	0.000100	"							U
Silver	ND	0.000100	"							U
Zinc	ND	0.100	"							U
LCS (B3I2623-BS1)					Prepared: 09/26/2023 Analyzed: 09/28/2023					
Arsenic	0.0492	0.000100	mg/kg	0.0500		98.5	80-120			
Barium	4.95	0.0100	"	5.00		99.1	80-120			
Cadmium	0.0502	0.000100	"	0.0500		100	80-120			
Copper	0.526	0.0100	"	0.500		105	80-120			
Lead	0.0493	0.0100	"	0.0500		98.5	80-120			
Nickel	0.0514	0.0100	"	0.0500		103	80-120			
Selenium	0.0470	0.000100	"	0.0500		94.0	80-120			
Silver	0.0535	0.000100	"	0.0500		107	80-120			
Zinc	0.494	0.100	"	0.500		98.7	80-120			
Matrix Spike (B3I2623-MS1)					Source: Y309575-04 Prepared: 09/26/2023 Analyzed: 09/28/2023					
Arsenic	7.29	0.0863	mg/kg	4.31	1.97	123	75-125			
Barium	488	8.63	"	431	40.0	104	75-125			
Cadmium	4.76	0.0863	"	4.31	0.112	108	75-125			
Copper	55.7	8.63	"	43.1	7.19	113	75-125			
Lead	13.9	8.63	"	4.31	6.32	175	75-125			QM-07

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I2623 - EPA 3050B

Matrix Spike (B3I2623-MS1)		Source: Y309575-04			Prepared: 09/26/2023 Analyzed: 09/28/2023					
Nickel	16.1	8.63	mg/kg	4.31	8.07	185	75-125			QM-07
Selenium	4.36	0.0863	"	4.31	0.121	98.3	75-125			
Silver	4.92	0.0863	"	4.31	0.0109	114	75-125			
Zinc	85.5	86.3	"	43.1	29.6	130	75-125			QM-07, U

Matrix Spike Dup (B3I2623-MSD1)		Source: Y309575-04			Prepared: 09/26/2023 Analyzed: 09/28/2023					
Arsenic	7.90	0.0974	mg/kg	4.87	1.97	122	75-125	7.99	20	
Barium	547	9.74	"	487	40.0	104	75-125	11.3	20	
Cadmium	5.20	0.0974	"	4.87	0.112	105	75-125	8.88	20	
Copper	61.9	9.74	"	48.7	7.19	112	75-125	10.4	20	
Lead	14.6	9.74	"	4.87	6.32	171	75-125	5.23	20	QM-07
Nickel	17.1	9.74	"	4.87	8.07	185	75-125	6.13	20	QM-07
Selenium	4.71	0.0974	"	4.87	0.121	94.2	75-125	7.64	20	
Silver	5.31	0.0974	"	4.87	0.0109	109	75-125	7.76	20	
Zinc	94.8	97.4	"	48.7	29.6	134	75-125	10.3	20	QM-07, U

Batch B3I2624 - EPA 3050B

Blank (B3I2624-BLK1)		Prepared: 09/26/2023 Analyzed: 09/28/2023								
Arsenic	ND	0.000100	mg/kg							U
Barium	ND	0.0100	"							U
Cadmium	ND	0.000100	"							U
Copper	ND	0.0100	"							U
Lead	ND	0.0100	"							U
Nickel	ND	0.0100	"							U
Selenium	ND	0.000100	"							U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I2624 - EPA 3050B										
Blank (B3I2624-BLK1)					Prepared: 09/26/2023 Analyzed: 09/28/2023					
Silver	ND	0.000100	mg/kg							U
Zinc	ND	0.100	"							U
LCS (B3I2624-BS1)					Prepared: 09/26/2023 Analyzed: 09/28/2023					
Arsenic	0.0475	0.000100	mg/kg	0.0500		95.1	80-120			
Barium	5.36	0.0100	"	5.00		107	80-120			
Cadmium	0.0496	0.000100	"	0.0500		99.2	80-120			
Copper	0.490	0.0100	"	0.500		98.0	80-120			
Lead	0.0484	0.0100	"	0.0500		96.8	80-120			
Nickel	0.0489	0.0100	"	0.0500		97.9	80-120			
Selenium	0.0495	0.000100	"	0.0500		99.0	80-120			
Silver	0.0511	0.000100	"	0.0500		102	80-120			
Zinc	0.468	0.100	"	0.500		93.6	80-120			
Matrix Spike (B3I2624-MS1)					Source: Y309545-36		Prepared: 09/26/2023 Analyzed: 09/28/2023			
Arsenic	12.8	0.0952	mg/kg	4.76	31.9	NR	75-125			QM-07
Barium	677	9.52	"	476	86.5	124	75-125			
Cadmium	6.49	0.0952	"	4.76	0.725	121	75-125			
Copper	71.6	9.52	"	47.6	40.2	65.9	75-125			QM-07
Lead	17.3	9.52	"	4.76	25.1	NR	75-125			QM-07
Nickel	19.2	9.52	"	4.76	36.7	NR	75-125			QM-07
Selenium	4.83	0.0952	"	4.76	2.03	58.8	75-125			QM-07
Silver	6.48	0.0952	"	4.76	0.0180	136	75-125			QM-07
Zinc	106	95.2	"	47.6	93.8	25.7	75-125			QM-07
Matrix Spike Dup (B3I2624-MSD1)					Source: Y309545-36		Prepared: 09/26/2023 Analyzed: 09/28/2023			
Arsenic	14.9	0.0970	mg/kg	4.85	31.9	NR	75-125	15.3	20	QM-07

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I2624 - EPA 3050B

Matrix Spike Dup (B3I2624-MSD1)			Source: Y309545-36		Prepared: 09/26/2023 Analyzed: 09/28/2023					
Barium	562	9.70	mg/kg	485	86.5	97.9	75-125	18.6	20	
Cadmium	5.78	0.0970	"	4.85	0.725	104	75-125	11.6	20	
Copper	67.3	9.70	"	48.5	40.2	55.9	75-125	6.17	20	QM-07
Lead	18.3	9.70	"	4.85	25.1	NR	75-125	6.01	20	QM-07
Nickel	20.8	9.70	"	4.85	36.7	NR	75-125	7.69	20	QM-07
Selenium	5.50	0.0970	"	4.85	2.03	71.7	75-125	13.1	20	QM-07
Silver	5.33	0.0970	"	4.85	0.0180	110	75-125	19.4	20	
Zinc	106	97.0	"	48.5	93.8	24.7	75-125	0.215	20	QM-07

Batch B3I2821 - EPA 3050B

Blank (B3I2821-BLK1)			Prepared: 09/28/2023 Analyzed: 10/10/2023							
Arsenic	ND	0.000100	mg/kg							U
Barium	ND	0.0100	"							U
Cadmium	ND	0.000100	"							U
Copper	ND	0.0100	"							U
Lead	ND	0.0100	"							U
Nickel	ND	0.0100	"							U
Selenium	ND	0.000100	"							U
Silver	ND	0.000100	"							U
Zinc	ND	0.100	"							U

LCS (B3I2821-BS1)

			Prepared: 09/28/2023 Analyzed: 10/10/2023							
Arsenic	0.0505	0.000100	mg/kg	0.0500		101	80-120			
Barium	5.22	0.0100	"	5.00		104	80-120			
Cadmium	0.0518	0.000100	"	0.0500		104	80-120			
Copper	0.548	0.0100	"	0.500		110	80-120			

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I2821 - EPA 3050B										
LCS (B3I2821-BS1)					Prepared: 09/28/2023 Analyzed: 10/10/2023					
Lead	0.0503	0.0100	mg/kg	0.0500		101	80-120			
Nickel	0.0489	0.0100	"	0.0500		97.7	80-120			
Selenium	0.0498	0.000100	"	0.0500		99.6	80-120			
Silver	0.0507	0.000100	"	0.0500		101	80-120			
Zinc	0.521	0.100	"	0.500		104	80-120			
Matrix Spike (B3I2821-MS1)					Source: Y309640-01		Prepared: 09/28/2023 Analyzed: 10/10/2023			
Arsenic	5.61	0.0953	mg/kg	4.76	1.09	95.1	75-125			
Barium	494	9.53	"	476	20.8	99.3	75-125			
Cadmium	4.82	0.0953	"	4.76	0.0542	100	75-125			
Copper	52.1	9.53	"	47.6	1.69	106	75-125			
Lead	6.99	9.53	"	4.76	2.70	90.1	75-125			U
Nickel	6.04	9.53	"	4.76	1.93	86.4	75-125			U
Selenium	4.86	0.0953	"	4.76	0.0551	101	75-125			
Silver	4.55	0.0953	"	4.76	0.0133	95.2	75-125			
Zinc	58.5	95.3	"	47.6	10.3	101	75-125			U
Matrix Spike Dup (B3I2821-MSD1)					Source: Y309640-01		Prepared: 09/28/2023 Analyzed: 10/10/2023			
Arsenic	5.83	0.0931	mg/kg	4.66	1.09	102	75-125	3.72	20	
Barium	487	9.31	"	466	20.8	100	75-125	1.33	20	
Cadmium	4.79	0.0931	"	4.66	0.0542	102	75-125	0.654	20	
Copper	51.9	9.31	"	46.6	1.69	108	75-125	0.442	20	
Lead	7.28	9.31	"	4.66	2.70	98.5	75-125	4.13	20	U
Nickel	6.55	9.31	"	4.66	1.93	99.3	75-125	8.06	20	U
Selenium	4.42	0.0931	"	4.66	0.0551	93.8	75-125	9.39	20	
Silver	4.52	0.0931	"	4.66	0.0133	96.7	75-125	0.683	20	
Zinc	58.1	93.1	"	46.6	10.3	103	75-125	0.693	20	U

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Tasman Geosciences
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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I2610 - DTPA Sorbitol Preparation										
Blank (B3I2610-BLK1)					Prepared: 09/26/2023 Analyzed: 09/27/2023					
Boron	ND	0.100	mg/L							U
Duplicate (B3I2610-DUP1)					Source: Y309572-06		Prepared: 09/26/2023 Analyzed: 09/27/2023			
Boron	0.0342	0.102	mg/L		0.0397			14.8	50	
Batch B3I2611 - DTPA Sorbitol Preparation										
Blank (B3I2611-BLK1)					Prepared: 09/26/2023 Analyzed: 09/27/2023					
Boron	ND	0.100	mg/L							U
Duplicate (B3I2611-DUP1)					Source: Y309575-03		Prepared: 09/26/2023 Analyzed: 09/27/2023			
Boron	0.363	0.0986	mg/L		0.319			12.8	50	
Batch B3I2616 - Saturated Paste Metals										
Blank (B3I2616-BLK1)					Prepared: 09/26/2023 Analyzed: 09/27/2023					
SAR	ND	0.0100	SAR							U
Calcium PPM	ND	10.0	mg/L							U
Magnesium PPM	ND	10.0	"							U
Sodium PPM	0.570	10.0	"							
Duplicate (B3I2616-DUP1)					Source: Y309572-08		Prepared: 09/26/2023 Analyzed: 09/27/2023			
SAR	ND	0.0100	SAR		1.94				200	U
Calcium PPM	49.8	10.0	mg/L		50.1			0.580	50	
Magnesium PPM	12.0	10.0	"		12.2			1.98	50	
Sodium PPM	59.9	10.0	"		59.1			1.28	50	

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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I2617 - Saturated Paste Metals										
Blank (B3I2617-BLK1)					Prepared: 09/26/2023 Analyzed: 09/27/2023					
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 (B3I2617-DUP1)					Source: Y309575-05		Prepared: 09/26/2023 Analyzed: 09/27/2023			
Calcium PPM	289	10.0	mg/L		338			15.7	50	
SAR	ND	0.0100	SAR		6.63				200	U
Magnesium PPM	146	10.0	mg/L		164			11.9	50	
Sodium PPM	560	10.0	"		594			5.93	50	

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Jen Pellegrini, Project Manager

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Project: KMG - NGLENN 10, 24-36

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3I2627 - Saturated Paste pH/EC

Blank (B3I2627-BLK1)

Prepared: 09/26/2023 Analyzed: 09/27/2023

Specific Conductance (EC) 0.00180 0.00500 mmhos/cm

Duplicate (B3I2627-DUP1)

Source: Y309572-08

Prepared: 09/26/2023 Analyzed: 09/27/2023

pH	7.77		pH Units	7.87			1.28	25
Specific Conductance (EC)	0.664	0.00500	mmhos/cm	0.698			4.89	25

Batch B3I2628 - Saturated Paste pH/EC

Blank (B3I2628-BLK1)

Prepared: 09/26/2023 Analyzed: 09/27/2023

Specific Conductance (EC) 0.00120 0.00500 mmhos/cm

Duplicate (B3I2628-DUP1)

Source: Y309575-05

Prepared: 09/26/2023 Analyzed: 09/27/2023

pH	8.01		pH Units	8.00			0.125	25
Specific Conductance (EC)	4.11	0.00500	mmhos/cm	4.38			6.24	25

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Jen Pellegrini, Project Manager

Tasman Geosciences
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Andy Sagen
Project Number: [none]
Project: KMG - NGLENN 10, 24-36

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 Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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Jen Pellegrini, Project Manager