



June 22, 2021

Tasman Geosciences

Mike Jahn

6855 West 119th Avenue

Broomfield CO 80020

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**Project Name - KMG - Moser 11-28 Tank Battery      Project Number - 90329311**

Attached are your analytical results for KMG - Moser 11-28 Tank Battery received by Origins Laboratory, Inc. June 16, 2021. This project is associated with Origins project number Y106379-01.

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



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

Tasman Geosciences  
6855 West 119th Avenue  
Broomfield CO 80020

Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-B01@3"	Y106379-01	Soil	June 16, 2021 13:52	06/16/2021 17:15
SEP-B01@6"	Y106379-02	Soil	June 16, 2021 13:58	06/16/2021 17:15
SEP-B02@6"	Y106379-03	Soil	June 16, 2021 13:59	06/16/2021 17:15
SEP-B03@6"	Y106379-04	Soil	June 16, 2021 14:00	06/16/2021 17:15
SEP-B04@6"	Y106379-05	Soil	June 16, 2021 14:01	06/16/2021 17:15
PW-BG01@3"	Y106379-06	Soil	June 16, 2021 13:54	06/16/2021 17:15

Origins Laboratory, Inc.



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Tasman Geosciences  
6855 West 119th Avenue  
Broomfield CO 80020

Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

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

**Sample Receipt Checklist**

Origins Work Order: Y106379 Client: Tasman  
Client Project ID: Moser 11-28 TB

Checklist Completed by: JG Shipped Via: HD  
Date/time completed: 6/16/21 (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: 15.1 °C 1 °C 1 °C 1 °C  
Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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 <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>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)

6/16/21  
Date/Time Reviewed

Origins Laboratory, Inc.

*Jordan A. Merrill*

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Tasman Geosciences  
6855 West 119th Avenue  
Broomfield CO 80020

Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

PW-B01@3"  
6/16/2021 1:52:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y106379-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.0199	0.199	mg/L	1	B1F1621	CJM	06/16/2021	06/17/2021	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1F1623	KDK	06/16/2021	06/17/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	KDK	"	"	U

Surrogate: o-Terphenyl	85.8 %	50-150			"	"	"	
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**GBTEX+TMBs**

Naphthalene	ND	0.00380	mg/kg	1	B1F1601	TEM	06/16/2021	06/16/2021	U
Benzene	ND	0.00200	"	"	"	TEM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	TEM	"	"	U
Toluene	ND	0.00200	"	"	"	TEM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	TEM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	TEM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	97.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.9 %	70-130			"	"	"

**Metals by Saturated Paste**

Calcium	0.619		meq/L	1	[CALC]	CJM	06/17/2021	06/17/2021
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Broomfield CO 80020

Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

PW-B01@3"  
6/16/2021 1:52:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y106379-01 (Soil)**

**Metals by Saturated Paste**

Magnesium	0.607		meq/L	1	[CALC]	CJM	06/17/2021	06/17/2021	
Sodium	0.430		"	"	"	CJM	"	"	

**pH in Soil by EPA 9045D**

pH	7.92		pH Units	1	B1F1704	DJL	06/17/2021	06/17/2021	
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**SAR by 20B Saturated Paste**

SAR	0.549		SAR	1	B1F1712	CJM	06/17/2021	06/17/2021	
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**Specific Conductance by Modified 9050A**

Specific Conductance (EC)	0.190	0.00500	mmhos/cm	1	B1F1706	DJL	06/17/2021	06/17/2021	
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Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

SEP-B01@6"  
6/16/2021 1:58:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y106379-02 (Soil)**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1F1623	KDK	06/16/2021	06/17/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	KDK	"	"	U

Surrogate: o-Terphenyl 102 % 50-150 " " "

**GBTEX+TMBs**

Naphthalene	ND	0.00380	mg/kg	1	B1F1601	TEM	06/16/2021	06/16/2021	U
Benzene	ND	0.00200	"	"	"	TEM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	TEM	"	"	U
Toluene	ND	0.00200	"	"	"	TEM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	TEM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	TEM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 107 % 70-130 " " "  
Surrogate: Toluene-d8 98.5 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 101 % 70-130 " " "

Origins Laboratory, Inc.

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Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

SEP-B02@6"  
6/16/2021 1:59:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y106379-03 (Soil)**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1F1623	KDK	06/16/2021	06/17/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	KDK	"	"	U

Surrogate: o-Terphenyl 102 % 50-150 " " "

**GBTEX+TMBs**

Naphthalene	ND	0.00380	mg/kg	1	B1F1601	TEM	06/16/2021	06/16/2021	U
Benzene	ND	0.00200	"	"	"	TEM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	TEM	"	"	U
Toluene	ND	0.00200	"	"	"	TEM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	TEM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	TEM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 107 % 70-130 " " "  
Surrogate: Toluene-d8 97.9 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 100 % 70-130 " " "

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Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

SEP-B03@6"  
6/16/2021 2:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y106379-04 (Soil)**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1F1623	KDK	06/16/2021	06/17/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	KDK	"	"	U

Surrogate: o-Terphenyl 83.0 % 50-150 " " "

**GBTEX+TMBs**

Naphthalene	ND	0.00380	mg/kg	1	B1F1601	TEM	06/16/2021	06/16/2021	U
Benzene	ND	0.00200	"	"	"	TEM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	TEM	"	"	U
Toluene	ND	0.00200	"	"	"	TEM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	TEM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	TEM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 108 % 70-130 " " "  
Surrogate: Toluene-d8 97.9 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 101 % 70-130 " " "

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Broomfield CO 80020

Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

SEP-B04@6"  
6/16/2021 2:01:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y106379-05 (Soil)**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1F1623	KDK	06/16/2021	06/17/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	KDK	"	"	U

Surrogate: o-Terphenyl 82.9 % 50-150 " " "

**GBTEX+TMBs**

Naphthalene	ND	0.00380	mg/kg	1	B1F1601	TEM	06/16/2021	06/16/2021	U
Benzene	ND	0.00200	"	"	"	TEM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	TEM	"	"	U
Toluene	ND	0.00200	"	"	"	TEM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	TEM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	TEM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 110 % 70-130 " " "  
Surrogate: Toluene-d8 98.0 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 101 % 70-130 " " "

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Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

PW-BG01@3"  
6/16/2021 1:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y106379-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.0802	0.200	mg/L	1	B1F1621	CJM	06/16/2021	06/17/2021
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**Metals by Saturated Paste**

Calcium	1.31		meq/L	"	[CALC]	CJM	06/17/2021	06/17/2021
Magnesium	0.854		"	"	"	CJM	"	"
Sodium	0.360		"	"	"	CJM	"	"

**pH in Soil by EPA 9045D**

pH	7.66		pH Units	1	B1F1704	DJL	06/17/2021	06/17/2021
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**SAR by 20B Saturated Paste**

SAR	0.347		SAR	1	B1F1712	CJM	06/17/2021	06/17/2021
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**Specific Conductance by Modified 9050A**

Specific Conductance (EC)	0.284	0.00500	mmhos/cm	1	B1F1706	DJL	06/17/2021	06/17/2021
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Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

**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
<b>Batch B1F1601 - EPA 5030 (soil)</b>										
<b>Blank (B1F1601-BLK1)</b>					Prepared: 06/16/2021 Analyzed: 06/16/2021					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.00380	"							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		88.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.4	70-130			

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Project: KMG - Moser 11-28 Tank Battery

**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
<b>Batch B1F1601 - EPA 5030 (soil)</b>										
<b>LCS (B1F1601-BS1)</b>					Prepared: 06/16/2021 Analyzed: 06/16/2021					
1,2,4-Trimethylbenzene	0.0574	0.00200	mg/kg	0.0500		115	70-130			
Naphthalene	0.0456	0.0100	"	0.0500		91.2	70-130			
1,3,5-Trimethylbenzene	0.0527	0.00200	"	0.0500		105	70-130			
Benzene	0.0492	0.00200	"	0.0500		98.4	70-130			
Ethylbenzene	0.0542	0.00200	"	0.0500		108	70-130			
m,p-Xylene	0.110	0.00400	"	0.100		110	70-130			
o-Xylene	0.0511	0.00200	"	0.0500		102	70-130			
Toluene	0.0497	0.00200	"	0.0500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		88.7	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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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
<b>Batch B1F1601 - EPA 5030 (soil)</b>										
<b>Matrix Spike (B1F1601-MS1)</b>		<b>Source: Y106342-01</b>			Prepared: 06/16/2021 Analyzed: 06/16/2021					
1,2,4-Trimethylbenzene	0.0587	0.00200	mg/kg	0.0500	0.00146	114	70-130			
Naphthalene	0.0534	0.0100	"	0.0500	0.00406	98.8	70-130			
1,3,5-Trimethylbenzene	0.0580	0.00200	"	0.0500	0.00134	113	70-130			
Benzene	0.0594	0.00200	"	0.0500	ND	119	70-130			
Ethylbenzene	0.0875	0.00200	"	0.0500	0.0293	116	70-130			
m,p-Xylene	0.241	0.00400	"	0.100	0.139	102	70-130			
o-Xylene	0.0963	0.00200	"	0.0500	0.0468	99.1	70-130			
Toluene	0.0582	0.00200	"	0.0500	ND	116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.9	70-130			

Origins Laboratory, Inc.



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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
<b>Batch B1F1601 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B1F1601-MSD1)</b>		<b>Source: Y106342-01</b>			Prepared: 06/16/2021 Analyzed: 06/16/2021					
1,2,4-Trimethylbenzene	0.0569	0.00200	mg/kg	0.0500	0.00146	111	70-130	3.01	20	
Naphthalene	0.0558	0.0100	"	0.0500	0.00406	103	70-130	4.32	20	
1,3,5-Trimethylbenzene	0.0564	0.00200	"	0.0500	0.00134	110	70-130	2.83	20	
Benzene	0.0594	0.00200	"	0.0500	ND	119	70-130	0.0337	20	
Ethylbenzene	0.0963	0.00200	"	0.0500	0.0293	134	70-130	9.64	20	QM-07
m,p-Xylene	0.287	0.00400	"	0.100	0.139	148	70-130	17.4	20	QM-07
o-Xylene	0.112	0.00200	"	0.0500	0.0468	130	70-130	14.7	20	
Toluene	0.0579	0.00200	"	0.0500	ND	116	70-130	0.516	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.8	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.7	70-130			

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Tasman Geosciences  
6855 West 119th Avenue  
Broomfield CO 80020

Mike Jahn  
Project Number: 90329311  
Project: KMG - Moser 11-28 Tank Battery

**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
<b>Batch B1F1623 - EPA 3550B</b>										
<b>Blank (B1F1623-BLK1)</b>					Prepared: 06/16/2021 Analyzed: 06/16/2021					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	25.0		84.2	50-150			

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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 B1F1623 - EPA 3550B										
LCS (B1F1623-BS1)					Prepared: 06/16/2021 Analyzed: 06/16/2021					
Diesel (C10-C28)	981	50.0	mg/kg	1000		98.1	70-130			
Residual Range Organics (C28-C40)	1050	200	"	1000		105	70-130			
Surrogate: o-Terphenyl	52		"	50.0		103	50-150			

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Project: KMG - Moser 11-28 Tank Battery

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 B1F1623 - EPA 3550B

Matrix Spike (B1F1623-MS1)		Source: Y106376-01			Prepared: 06/16/2021 Analyzed: 06/16/2021					
Diesel (C10-C28)	1030	50.0	mg/kg	1000	ND	103	70-130			
Residual Range Organics (C28-C40)	1070	200	"	1000	ND	107	70-130			
Surrogate: o-Terphenyl	54		"	50.0		108	50-150			

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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 B1F1623 - EPA 3550B

Matrix Spike Dup (B1F1623-MSD1)		Source: Y106376-01			Prepared: 06/16/2021 Analyzed: 06/16/2021					
Diesel (C10-C28)	1060	50.0	mg/kg	1000	ND	106	70-130	2.63	35	
Residual Range Organics (C28-C40)	1110	200	"	1000	ND	111	70-130	3.49	35	
Surrogate: o-Terphenyl	59		"	50.0		117	50-150			

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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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## 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 B1F1704 - NO PREP

##### Duplicate (B1F1704-DUP1)

Source: Y106372-01

Prepared: 06/17/2021 Analyzed: 06/17/2021

pH	7.26		pH Units	7.23		0.414	25
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#### Batch B1F1706 - NO PREP

##### Blank (B1F1706-BLK1)

Prepared: 06/17/2021 Analyzed: 06/17/2021

Specific Conductance (EC)	0.00230	0.00500	mmhos/cm
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##### Duplicate (B1F1706-DUP1)

Source: Y106372-01

Prepared: 06/17/2021 Analyzed: 06/17/2021

Specific Conductance (EC)	1.19	0.00500	mmhos/cm	1.32		10.0	25
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### 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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