



November 21, 2023

Tasman Geosciences
Andy Sagen
6855 West 119th Avenue
Broomfield CO 80020

Project Name - KMG - Bryant 16,23,36-30

Project Number - [none]

Attached are your analytical results for KMG - Bryant 16,23,36-30 received by Origins Laboratory, Inc. November 08, 2023. This project is associated with Origins project number Y311214-01.

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 - Bryant 16,23,36-30

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
16-WH-B01@6'	Y311214-01	Soil	November 8, 2023 8:26	11/08/2023 14:10
16-FL-B01@4'	Y311214-02	Soil	November 8, 2023 8:28	11/08/2023 14:10
23-WH-B01@6'	Y311214-03	Soil	November 8, 2023 8:30	11/08/2023 14:10
23-FL-B01@4'	Y311214-04	Soil	November 8, 2023 8:32	11/08/2023 14:10
36-WH-B01@6'	Y311214-05	Soil	November 8, 2023 8:34	11/08/2023 14:10
36-FL-B01@4'	Y311214-06	Soil	November 8, 2023 8:36	11/08/2023 14:10
16,23,36-BG-01@3'	Y311214-07	Soil	November 8, 2023 8:38	11/08/2023 14:10
16,23,36-BG-01@6'	Y311214-08	Soil	November 8, 2023 8:40	11/08/2023 14:10
16,23,36-BG-02@3'	Y311214-09	Soil	November 8, 2023 8:42	11/08/2023 14:10
16,23,36-BG-02@6'	Y311214-10	Soil	November 8, 2023 8:44	11/08/2023 14:10
16,23,36-BG-03@3'	Y311214-11	Soil	November 8, 2023 8:46	11/08/2023 14:10
16,23,36-BG-03@6'	Y311214-12	Soil	November 8, 2023 8:48	11/08/2023 14:10
16,23,36-BG-04@3'	Y311214-13	Soil	November 8, 2023 8:50	11/08/2023 14:10
16,23,36-BG-04@6'	Y311214-14	Soil	November 8, 2023 8:52	11/08/2023 14:10

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
16-FL-B02@4'	Y311214-15	Soil	November 8, 2023 12:46	11/08/2023 14:10
23-FL-B02@4'	Y311214-16	Soil	November 8, 2023 12:48	11/08/2023 14:10
16-GW01	Y311214-17	Water	November 8, 2023 8:20	11/08/2023 14:10
23-GW01	Y311214-18	Water	November 8, 2023 8:22	11/08/2023 14:10
36-GW01	Y311214-19	Water	November 8, 2023 8:24	11/08/2023 14:10

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Tasman Geosciences
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Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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			Please contact PM with any questions. Samples to be analyzed for table 915				
				HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	DBT/KN/THM	DRO/ORO		PAH	SAR	PC	Boron
16-WH-80106'	11/9/23	8:26	3	X			X										
16-EI-80104'		8:29															
23-WH-80106'		8:30															
23-FI-80104'		8:32															
36-WH-80106'		8:34															
36-FI-80104'		8:38															
16,23,36-80103'		8:39	2														
16,23,36-80106'		8:40															
16,23,36-80103'		8:42															
16,23,36-80106'		8:44															
Relinquished By: P. Downs	Date: 11/8/23	Time: 11:00		Received By: [Signature]	Date: 11/8/23	Time: 14:00											
Relinquished By:	Date:	Time:		Received By:	Date:	Time:											

S.S Date Results Needed

Client: Ory/Tasman
Address: 6855 W 119th Ave, Broomfield, CO 80020
Telephone Number: 214 Contact Number (720) 939-3631
Email Address: Ory/Tasman@originslab.com
Project Manager: Andy Sagen
Project Name: Bryant 16,23,36-30
Project Number: [none]
Samples Collected By: P. Downs
Method of Delivery (Permit Only): Hand Delivered / Refrigerated / Insulated / Leak Proof / Service Center Drop / Retail / UPS

ORIGINS
LABORATORY, INC
K311214
www.originslaboratory.com
page 1 of 2

Origins Laboratory, Inc.
[Signature]

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ORIGINS LABORATORY, INC

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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

Sample Receipt Checklist

Origins Work Order: YB11214 Client: Tasman

Checklist Completed by: JBY Client Project ID: Bryant 16,23,36-30

Date/time completed: 11/7/23 Shipped Via: FD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

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

Cooler Number/Temperature: 1,55 °C / _____ °C / _____ °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⁾ ?	/			
Is there ice present (document if blue ice is used)?	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		/		
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for sub-contracted 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)			/	
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 be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) JBY

Date/Time Reviewed 11/7/23

Origins Laboratory, Inc.

JBY

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Jordan A. Bynon For Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16-WH-B01@6'
11/8/2023 8:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.399		0.0994	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K0802	11/08/2023	11/08/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 83.1% 50-150 " " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K0829	11/08/2023	11/08/2023	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 102% 70-130 " " " "

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16-WH-B01@6'
11/8/2023 8:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.0 %		70-130			B3K08 29	11/08/2023	11/08/2023	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	6.68		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	4.53		0.823	"	"	"	"	"	
Sodium	11.0		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/08/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

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Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16-WH-B01@6'
11/8/2023 8:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-01 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/08/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	106 %		60-130			"	"	"	
Surrogate: Anthracene-d10	96.9 %		60-130			"	"	"	
Surrogate: Pyrene-d10	93.8 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	103 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.15			pH Units	1	B3K0923	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	4.65		0.0100	SAR	1	B3K0918	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.02		0.00500	mmhos/cm	1	B3K0923	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16-WH-B01@6'
11/8/2023 8:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.99		0.0838	mg/kg	10	B3K1005	11/10/2023	11/14/2023	
Barium	442		8.38	"	"	"	"	"	"
Cadmium	0.117		0.0838	"	"	"	"	"	"
Copper	8.85		8.38	"	"	"	"	"	"
Lead	ND		8.38	"	"	"	"	"	"
Nickel	9.59		8.38	"	"	"	"	"	"
Selenium	0.191		0.0838	"	"	"	"	"	"
Silver	ND		0.0838	"	"	"	"	"	"
Zinc	ND		83.8	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16-FL-B01@4'
11/8/2023 8:28:00AM

Origins Laboratory, Inc.
Y311214-02 (Soil)

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Boron (DTPA Sorbitol)

Boron	0.250		0.0983	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D


Diesel (C10-C28)	36.5		25.0	mg/kg	1	B3K0802	11/08/2023	11/08/2023	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	82.6 %		50-150	"	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K0829	11/08/2023	11/08/2023	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	105 %		70-130	"	"	"	"	"	"
Surrogate: Toluene-d8	97.3 %		70-130	"	"	"	"	"	"

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Andy Sagen
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 Project: KMG - Bryant 16,23,36-30

16-FL-B01@4'
11/8/2023 8:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	103 %		70-130			B3K08 29	11/08/2023	11/08/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	2.80		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	0.843		0.823	"	"	"	"	"	
Sodium	0.896		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/08/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U

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Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16-FL-B01@4'
11/8/2023 8:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-02 (Soil)

PAH by EPA 8270E

Indeno (1,2,3-cd) pyrene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/08/2023	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	106 %		60-130			"	"	"	
Surrogate: Anthracene-d10	97.5 %		60-130			"	"	"	
Surrogate: Pyrene-d10	92.4 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.8 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.17			pH Units	1	B3K0923	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste


SAR	0.664	0.0100		SAR	1	B3K0918	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.506	0.00500		mmhos/cm	1	B3K0923	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	3.27	0.0992		mg/kg	10	B3K1005	11/10/2023	11/14/2023	
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Tasman Geosciences
6855 West 119th Avenue
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Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16-FL-B01@4'
11/8/2023 8:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-02 (Soil)

Table 915 metals by EPA 6020B

Barium	498		9.92	mg/kg	10	B3K1005	11/10/2023	11/14/2023	
Cadmium	0.611		0.0992	"	"	"	"	"	
Copper	14.8		9.92	"	"	"	"	"	
Lead	ND		9.92	"	"	"	"	"	
Nickel	10.1		9.92	"	"	"	"	"	
Selenium	0.115		0.0992	"	"	"	"	"	
Silver	ND		0.0992	"	"	"	"	"	
Zinc	ND		99.2	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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 6855 West 119th Avenue
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Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

23-WH-B01@6'
11/8/2023 8:30:00AM

Origins Laboratory, Inc.
Y311214-03 (Soil)

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Boron (DTPA Sorbitol)

Boron	0.589		0.101	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D


Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K0802	11/08/2023	11/08/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 76.8% 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K0829	11/08/2023	11/08/2023	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 102% 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 - Bryant 16,23,36-30

23-WH-B01@6'
11/8/2023 8:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.5 %		70-130			B3K08 29	11/08/2023	11/08/2023	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	13.4		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	2.84		0.823	"	"	"	"	"	
Sodium	10.3		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/08/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

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 - Bryant 16,23,36-30

23-WH-B01@6'
11/8/2023 8:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-03 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/08/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	105 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.0 %		60-130			"	"	"	
Surrogate: Pyrene-d10	92.2 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.7 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.85			pH Units	1	B3K0923	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	3.61		0.0100	SAR	1	B3K0918	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.23		0.00500	mmhos/cm	1	B3K0923	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

23-WH-B01@6'
11/8/2023 8:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-03 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.04		0.0930	mg/kg	10	B3K1005	11/10/2023	11/14/2023	
Barium	185		9.30	"	"	"	"	"	"
Cadmium	0.151		0.0930	"	"	"	"	"	"
Copper	12.9		9.30	"	"	"	"	"	"
Lead	9.38		9.30	"	"	"	"	"	"
Nickel	11.4		9.30	"	"	"	"	"	"
Selenium	0.139		0.0930	"	"	"	"	"	"
Silver	ND		0.0930	"	"	"	"	"	"
Zinc	ND		93.0	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

23-FL-B01@4'
11/8/2023 8:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.345	0.0992	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D


Diesel (C10-C28)	ND	25.0	mg/kg	1	B3K0802	11/08/2023	11/08/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

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

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3K0829	11/08/2023	11/08/2023	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	105 %	70-130	"	"	"	"	"	"
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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 - Bryant 16,23,36-30

23-FL-B01@4'
11/8/2023 8:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.9 %		70-130			B3K08 29	11/08/2023	11/08/2023	
Surrogate: 4-Bromofluorobenzene	102 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.72		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	1.21		0.823	"	"	"	"	"	
Sodium	2.02		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

23-FL-B01@4'
11/8/2023 8:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-04 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	104.0%		60-130			"	"	"	
Surrogate: Anthracene-d10	97.0%		60-130			"	"	"	
Surrogate: Pyrene-d10	96.6%		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.9%		60-130			"	"	"	

pH in Soil by 9045D

pH	8.23			pH Units	1	B3K0923	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	1.44		0.0100	SAR	1	B3K0918	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.647		0.00500	mmhos/cm	1	B3K0923	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

23-FL-B01@4'
11/8/2023 8:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-04 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.44		0.0902	mg/kg	10	B3K1005	11/10/2023	11/14/2023	
Barium	42.5		9.02	"	"	"	"	"	
Cadmium	0.0974		0.0902	"	"	"	"	"	
Copper	ND		9.02	"	"	"	"	"	
Lead	ND		9.02	"	"	"	"	"	
Nickel	ND		9.02	"	"	"	"	"	
Selenium	0.115		0.0902	"	"	"	"	"	
Silver	ND		0.0902	"	"	"	"	"	
Zinc	ND		90.2	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

36-WH-B01@6'
11/8/2023 8:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.699		0.0998	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K0802	11/08/2023	11/09/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.2 %		50-150	"	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K0829	11/08/2023	11/09/2023	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	104 %		70-130	"	"	"	"	"	"
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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 - Bryant 16,23,36-30

36-WH-B01@6'
11/8/2023 8:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.9 %		70-130			B3K08 29	11/08/2023	11/09/2023	
Surrogate: 4-Bromofluorobenzene	102 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	3.79		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	3.01		0.823	"	"	"	"	"	
Sodium	10.4		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

36-WH-B01@6'
11/8/2023 8:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-05 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	104%		60-130			"	"	"	
Surrogate: Anthracene-d10	97.5%		60-130			"	"	"	
Surrogate: Pyrene-d10	98.9%		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.0%		60-130			"	"	"	

pH in Soil by 9045D

pH	8.21			pH Units	1	B3K0923	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	5.63		0.0100	SAR	1	B3K0918	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.76		0.00500	mmhos/cm	1	B3K0923	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

36-WH-B01@6'
11/8/2023 8:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-05 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.45		0.0949	mg/kg	10	B3K1005	11/10/2023	11/14/2023	
Barium	165		9.49	"	"	"	"	"	"
Cadmium	0.182		0.0949	"	"	"	"	"	"
Copper	12.8		9.49	"	"	"	"	"	"
Lead	9.95		9.49	"	"	"	"	"	"
Nickel	13.6		9.49	"	"	"	"	"	"
Selenium	0.260		0.0949	"	"	"	"	"	"
Silver	ND		0.0949	"	"	"	"	"	"
Zinc	ND		94.9	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L716303	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

36-FL-B01@4'
11/8/2023 8:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.643		0.0988	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D


Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K0802	11/08/2023	11/09/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	81.4 %		50-150	"	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K0829	11/08/2023	11/09/2023	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	107 %		70-130	"	"	"	"	"	"
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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 - Bryant 16,23,36-30

36-FL-B01@4'
11/8/2023 8:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-06 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	98.5 %		70-130			B3K08 29	11/08/2023	11/09/2023	
Surrogate: 4-Bromofluorobenzene	105 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.21		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	0.904		0.823	"	"	"	"	"	
Sodium	4.40		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

36-FL-B01@4'
11/8/2023 8:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-06 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	104.4%		60-130			"	"	"	
Surrogate: Anthracene-d10	98.4%		60-130			"	"	"	
Surrogate: Pyrene-d10	95.3%		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.4%		60-130			"	"	"	

pH in Soil by 9045D

pH	8.33			pH Units	1	B3K0923	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	4.28		0.0100	SAR	1	B3K0918	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.723		0.00500	mmhos/cm	1	B3K0923	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

36-FL-B01@4'
11/8/2023 8:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-06 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.20		0.0984	mg/kg	10	B3K1005	11/10/2023	11/14/2023	
Barium	100		9.84	"	"	"	"	"	
Cadmium	0.135		0.0984	"	"	"	"	"	
Copper	13.2		9.84	"	"	"	"	"	
Lead	ND		9.84	"	"	"	"	"	
Nickel	11.2		9.84	"	"	"	"	"	
Selenium	0.174		0.0984	"	"	"	"	"	
Silver	ND		0.0984	"	"	"	"	"	
Zinc	ND		98.4	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-01@3'
11/8/2023 8:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-07 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.100	mg/L	1	B3K0915	11/09/2023	11/10/2023
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	1.49	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.01		pH Units	1	B3K0924	11/09/2023	11/10/2023
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SAR by 20B Saturated Paste

SAR	2.86	0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.251	0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023
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Table 915 metals by EPA 6020B

Arsenic	1.36	0.0836	mg/kg	10	B3K1005	11/10/2023	11/14/2023
Barium	26.0	8.36	"	"	"	"	"
Cadmium	ND	0.0836	"	"	"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16.23.36-BG-01@3'
11/8/2023 8:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-07 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		8.36	mg/kg	10	B3K1005	11/10/2023	11/14/2023	
Lead	ND		8.36	"	"	"	"	"	
Nickel	ND		8.36	"	"	"	"	"	
Selenium	ND		0.0836	"	"	"	"	"	
Silver	ND		0.0836	"	"	"	"	"	
Zinc	ND		83.6	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-01@6'
11/8/2023 8:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.224		0.0985	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	0.662		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.61		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.30			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	3.36		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.421		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	3.25		0.0865	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	63.0		8.65	"	"	"	"	"	
Cadmium	0.0926		0.0865	"	"	"	"	"	
Copper	ND		8.65	"	"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16.23.36-BG-01@6'
11/8/2023 8:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-08 (Soil)

Table 915 metals by EPA 6020B

Lead	9.58		8.65	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Nickel	ND		8.65	"	"	"	"	"	"
Selenium	ND		0.0865	"	"	"	"	"	"
Silver	ND		0.0865	"	"	"	"	"	"
Zinc	ND		86.5	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-02@3'
11/8/2023 8:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-09 (Soil)

Boron (DTPA Sorbitol)

Boron	1.21		0.0982	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	1.24		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	2.35		0.823	"	"	"	"	"	
Sodium	29.4		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.52			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	22.0		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.28		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	4.80		0.0942	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	97.7		9.42	"	"	"	"	"	
Cadmium	0.122		0.0942	"	"	"	"	"	
Copper	10.2		9.42	"	"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16.23.36-BG-02@3'
11/8/2023 8:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-09 (Soil)

Table 915 metals by EPA 6020B

Lead	11.3		9.42	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Nickel	12.5		9.42	"	"	"	"	"	
Selenium	0.238		0.0942	"	"	"	"	"	
Silver	ND		0.0942	"	"	"	"	"	
Zinc	ND		94.2	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716303	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-02@6'
11/8/2023 8:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-10 (Soil)

Boron (DTPA Sorbitol)

Boron	0.466		0.101	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	0.620		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.08		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.34			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	5.10		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.576		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	1.45		0.0895	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	26.5		8.95	"	"	"	"	"	
Cadmium	ND		0.0895	"	"	"	"	"	
Copper	ND		8.95	"	"	"	"	"	

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16.23.36-BG-02@6'
11/8/2023 8:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-10 (Soil)

Table 915 metals by EPA 6020B

Lead	ND		8.95	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Nickel	ND		8.95	"	"	"	"	"	
Selenium	ND		0.0895	"	"	"	"	"	
Silver	ND		0.0895	"	"	"	"	"	
Zinc	ND		89.5	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716305	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-03@3'
11/8/2023 8:46:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-11 (Soil)

Boron (DTPA Sorbitol)

Boron	0.197		0.0989	mg/L	1	B3K0915	11/09/2023	11/10/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	1.96		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	1.59		0.823	"	"	"	"	"	
Sodium	4.58		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.22			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	3.43		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.886		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	1.59		0.0921	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	37.2		9.21	"	"	"	"	"	
Cadmium	ND		0.0921	"	"	"	"	"	
Copper	ND		9.21	"	"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16.23.36-BG-03@3'
11/8/2023 8:46:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-11 (Soil)

Table 915 metals by EPA 6020B

Lead	ND		9.21	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Nickel	ND		9.21	"	"	"	"	"	
Selenium	ND		0.0921	"	"	"	"	"	
Silver	ND		0.0921	"	"	"	"	"	
Zinc	ND		92.1	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716305	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-03@6'
11/8/2023 8:48:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-12 (Soil)

Boron (DTPA Sorbitol)

Boron	0.129		0.0983	mg/L	1	B3K0916	11/09/2023	11/10/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	1.23		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	1.06		0.823	"	"	"	"	"	
Sodium	3.54		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.30			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	3.31		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.654		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	1.55		0.0858	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	36.9		8.58	"	"	"	"	"	
Cadmium	ND		0.0858	"	"	"	"	"	
Copper	ND		8.58	"	"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16.23.36-BG-03@6'
11/8/2023 8:48:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-12 (Soil)

Table 915 metals by EPA 6020B

Lead	ND		8.58	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Nickel	ND		8.58	"	"	"	"	"	
Selenium	ND		0.0858	"	"	"	"	"	
Silver	ND		0.0858	"	"	"	"	"	
Zinc	ND		85.8	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716305	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-04@3'
11/8/2023 8:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-13 (Soil)

Boron (DTPA Sorbitol)

Boron	0.235	0.0976	mg/L	1	B3K0916	11/09/2023	11/10/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	0.829	0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	0.909	0.823	"	"	"	"	"	
Sodium	7.19	0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.38		pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	7.71	0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.961	0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	3.69	0.0877	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	54.5	8.77	"	"	"	"	"	
Cadmium	ND	0.0877	"	"	"	"	"	
Copper	ND	8.77	"	"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16.23.36-BG-04@3'
11/8/2023 8:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-13 (Soil)

Table 915 metals by EPA 6020B

Lead	ND		8.77	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Nickel	ND		8.77	"	"	"	"	"	
Selenium	0.143		0.0877	"	"	"	"	"	
Silver	ND		0.0877	"	"	"	"	"	
Zinc	ND		87.7	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716305	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16.23.36-BG-04@6'
11/8/2023 8:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-14 (Soil)

Boron (DTPA Sorbitol)

Boron	0.288		0.0972	mg/L	1	B3K0916	11/09/2023	11/10/2023	
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Metals by Saturated Paste by EPA 6010

Calcium	1.71		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	1.52		0.823	"	"	"	"	"	
Sodium	7.29		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.33			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	5.73		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.13		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Arsenic	2.12		0.0858	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	37.8		8.58	"	"	"	"	"	
Cadmium	ND		0.0858	"	"	"	"	"	
Copper	ND		8.58	"	"	"	"	"	

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16.23.36-BG-04@6'
11/8/2023 8:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-14 (Soil)

Table 915 metals by EPA 6020B

Lead	ND		8.58	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Nickel	ND		8.58	"	"	"	"	"	
Selenium	ND		0.0858	"	"	"	"	"	
Silver	ND		0.0858	"	"	"	"	"	
Zinc	ND		85.8	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716305	11/08/2023	11/10/2023	
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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16-FL-B02@4'
11/8/2023 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-15 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0967	mg/L	1	B3K0916	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K0802	11/08/2023	11/09/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	80.8 %		50-150	"	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K0829	11/08/2023	11/09/2023	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	104 %		70-130	"	"	"	"	"	"
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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16-FL-B02@4'
11/8/2023 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-15 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.0 %		70-130			B3K08 29	11/08/2023	11/09/2023	
Surrogate: 4-Bromofluorobenzene	110 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.634		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

16-FL-B02@4'
11/8/2023 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-15 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	104%		60-130			"	"	"	
Surrogate: Anthracene-d10	97.0%		60-130			"	"	"	
Surrogate: Pyrene-d10	94.7%		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.5%		60-130			"	"	"	

pH in Soil by 9045D

pH	8.17			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	0.157		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.136		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

16-FL-B02@4'
11/8/2023 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-15 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.79		0.0899	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	49.8		8.99	"	"	"	"	"	
Cadmium	ND		0.0899	"	"	"	"	"	
Copper	ND		8.99	"	"	"	"	"	
Lead	ND		8.99	"	"	"	"	"	
Nickel	ND		8.99	"	"	"	"	"	
Selenium	0.143		0.0899	"	"	"	"	"	
Silver	ND		0.0899	"	"	"	"	"	
Zinc	ND		89.9	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716305	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

23-FL-B02@4'
11/8/2023 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-16 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0985	mg/L	1	B3K0916	11/09/2023	11/10/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K0802	11/08/2023	11/09/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.1%		50-150	"	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K0829	11/08/2023	11/09/2023	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	104%		70-130	"	"	"	"	"	"
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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 - Bryant 16,23,36-30

23-FL-B02@4'
11/8/2023 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-16 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.9 %		70-130			B3K08 29	11/08/2023	11/09/2023	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.807		0.499	meq/L	10	[CALC]	11/09/2023	11/13/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

23-FL-B02@4'
11/8/2023 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-16 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K0827	11/08/2023	11/09/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	103%		60-130			"	"	"	
Surrogate: Anthracene-d10	97.7%		60-130			"	"	"	
Surrogate: Pyrene-d10	96.7%		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.7%		60-130			"	"	"	

pH in Soil by 9045D

pH	8.14			pH Units	1	B3K0924	11/09/2023	11/10/2023	
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SAR by 20B Saturated Paste

SAR	0.291		0.0100	SAR	1	B3K0919	11/09/2023	11/13/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.173		0.00500	mmhos/cm	1	B3K0924	11/09/2023	11/10/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

23-FL-B02@4'
11/8/2023 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-16 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.45		0.0836	mg/kg	10	B3K1006	11/10/2023	11/15/2023	
Barium	32.2		8.36	"	"	"	"	"	
Cadmium	ND		0.0836	"	"	"	"	"	
Copper	ND		8.36	"	"	"	"	"	
Lead	ND		8.36	"	"	"	"	"	
Nickel	ND		8.36	"	"	"	"	"	
Selenium	ND		0.0836	"	"	"	"	"	
Silver	ND		0.0836	"	"	"	"	"	
Zinc	ND		83.6	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L716305	11/08/2023	11/10/2023	
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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 - Bryant 16,23,36-30

16-GW01

11/8/2023 8:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-17 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3K0830	11/08/2023	11/08/2023	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	102 %	70-130	"	"	"	"	"	"
Surrogate: Toluene-d8	91.4 %	70-130	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	111 %	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 - Bryant 16,23,36-30

23-GW01

11/8/2023 8:22:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y311214-18 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B3K0830	11/08/2023	11/08/2023	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	102 %		70-130	"	"	"	"	"	
Surrogate: Toluene-d8	89.4 %		70-130	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	108 %		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 - Bryant 16,23,36-30

36-GW01

11/8/2023 8:24:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311214-19 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		2.00	ug/L	1	B3K0830	11/08/2023	11/08/2023	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	103 %		70-130						
Surrogate: Toluene-d8	90.5 %		70-130						
Surrogate: 4-Bromofluorobenzene	112 %		70-130						

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0802 - EPA 3550B

Blank (B3K0802-BLK1)

Prepared: 11/08/2023 Analyzed: 11/08/2023

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		89.4	50-150			

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0802 - EPA 3550B

LCS (B3K0802-BS1)

Prepared: 11/08/2023 Analyzed: 11/08/2023

Diesel (C10-C28)	860	50.0	mg/kg	1000		86.0	70-130			
Residual Range Organics (C28-C40)	971	200	"	1000		97.1	70-130			
Surrogate: o-Terphenyl	53		"	49.8		106	50-150			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0802 - EPA 3550B

Matrix Spike (B3K0802-MS1)

Source: Y311169-04

Prepared: 11/08/2023 Analyzed: 11/08/2023

Diesel (C10-C28)	914	50.0	mg/kg	1000	ND	91.4	70-130			
Residual Range Organics (C28-C40)	1050	200	"	1000	ND	105	70-130			
Surrogate: o-Terphenyl	44		"	49.8		87.6	50-150			

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6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0802 - EPA 3550B

Matrix Spike Dup (B3K0802-MSD1)

Source: Y311169-04

Prepared: 11/08/2023 Analyzed: 11/08/2023

Diesel (C10-C28)	939	50.0	mg/kg	1000	ND	93.9	70-130	2.70	35	
Residual Range Organics (C28-C40)	1080	200	"	1000	ND	108	70-130	3.41	35	
Surrogate: o-Terphenyl	46		"	49.8		92.6	50-150			

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Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0829 - EPA 5030 (soil)

Blank (B3K0829-BLK1)

Prepared: 11/08/2023 Analyzed: 11/08/2023

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		101	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0829 - EPA 5030 (soil)

LCS (B3K0829-BS1)

Prepared: 11/08/2023 Analyzed: 11/08/2023

1,2,4-Trimethylbenzene	0.106	0.00200	mg/kg	0.100		106	70-130			
1,3,5-Trimethylbenzene	0.107	0.00200	"	0.100		107	70-130			
Benzene	0.0962	0.00200	"	0.100		96.2	70-130			
Ethylbenzene	0.0948	0.00200	"	0.100		94.8	70-130			
Naphthalene	0.0977	0.00380	"	0.100		97.7	70-130			
Toluene	0.0969	0.00200	"	0.100		96.9	70-130			
o-Xylene	0.0944	0.00200	"	0.100		94.4	70-130			
m,p-Xylene	0.193	0.00400	"	0.200		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		92.8	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0829 - EPA 5030 (soil)

Matrix Spike (B3K0829-MS1)

Source: Y311169-04

Prepared: 11/08/2023 Analyzed: 11/08/2023

1,2,4-Trimethylbenzene	0.112	0.00200	mg/kg	0.100	0.0186	92.9	70-130			
1,3,5-Trimethylbenzene	0.0959	0.00200	"	0.100	0.0110	85.0	70-130			
Benzene	0.0996	0.00200	"	0.100	0.00306	96.6	70-130			
Ethylbenzene	0.0954	0.00200	"	0.100	0.00230	93.1	70-130			
Naphthalene	0.102	0.00380	"	0.100	0.000980	101	70-130			
Toluene	0.0919	0.00200	"	0.100	ND	91.9	70-130			
o-Xylene	0.0941	0.00200	"	0.100	ND	94.1	70-130			
m,p-Xylene	0.198	0.00400	"	0.200	0.0124	92.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.10		"	0.125		80.7	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
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Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0829 - EPA 5030 (soil)

Matrix Spike Dup (B3K0829-MSD1)

Source: Y311169-04

Prepared: 11/08/2023 Analyzed: 11/08/2023

1,2,4-Trimethylbenzene	0.119	0.00200	mg/kg	0.100	0.0186	100	70-130	6.39	20	
1,3,5-Trimethylbenzene	0.116	0.00200	"	0.100	0.0110	105	70-130	19.1	20	
Benzene	0.101	0.00200	"	0.100	0.00306	97.6	70-130	1.04	20	
Ethylbenzene	0.113	0.00200	"	0.100	0.00230	110	70-130	16.5	20	
Naphthalene	0.110	0.00380	"	0.100	0.000980	109	70-130	7.74	20	
Toluene	0.0901	0.00200	"	0.100	ND	90.1	70-130	1.98	20	
o-Xylene	0.111	0.00200	"	0.100	ND	111	70-130	16.3	20	
m,p-Xylene	0.233	0.00400	"	0.200	0.0124	110	70-130	16.1	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.3	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
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Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0830 - EPA 5030B (Water)

Blank (B3K0830-BLK1)

Prepared: 11/08/2023 Analyzed: 11/08/2023

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	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	56		"	62.5		89.2	70-130			
Surrogate: 4-Bromofluorobenzene	67		"	62.5		107	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0830 - EPA 5030B (Water)

LCS (B3K0830-BS1)

Prepared: 11/08/2023 Analyzed: 11/08/2023

1,2,4-Trimethylbenzene	53.8	2.00	ug/L	50.0		108	70-130			
1,3,5-Trimethylbenzene	53.7	2.00	"	50.0		107	70-130			
Benzene	58.9	1.00	"	50.0		118	70-130			
Ethylbenzene	57.6	1.00	"	50.0		115	70-130			
m,p-Xylene	117	2.00	"	100		117	70-130			
Naphthalene	45.4	2.00	"	50.0		90.7	70-130			
o-Xylene	55.9	1.00	"	50.0		112	70-130			
Toluene	55.0	1.00	"	50.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5		103	70-130			
Surrogate: Toluene-d8	58		"	62.5		92.6	70-130			
Surrogate: 4-Bromofluorobenzene	68		"	62.5		108	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0830 - EPA 5030B (Water)

Matrix Spike (B3K0830-MS1)

Source: Y311209-01

Prepared: 11/08/2023 Analyzed: 11/08/2023

1,2,4-Trimethylbenzene	47.7	2.00	ug/L	50.0	1.77	91.8	70-130			
1,3,5-Trimethylbenzene	47.6	2.00	"	50.0	0.810	93.5	70-130			
Benzene	48.2	1.00	"	50.0	3.31	89.8	70-130			
Ethylbenzene	52.3	1.00	"	50.0	1.50	102	70-130			
m,p-Xylene	107	2.00	"	100	4.59	102	70-130			
Naphthalene	35.7	2.00	"	50.0	2.88	65.6	70-130			QM-07
o-Xylene	50.0	1.00	"	50.0	1.20	97.7	70-130			
Toluene	49.6	1.00	"	50.0	4.42	90.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	72		"	62.5		115	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0830 - EPA 5030B (Water)

Matrix Spike Dup (B3K0830-MSD1)

Source: Y311209-01

Prepared: 11/08/2023 Analyzed: 11/08/2023

1,2,4-Trimethylbenzene	69.6	2.00	ug/L	50.0	1.77	136	70-130	37.4	20	QM-07
1,3,5-Trimethylbenzene	69.6	2.00	"	50.0	0.810	138	70-130	37.7	20	QM-07
Benzene	68.5	1.00	"	50.0	3.31	130	70-130	34.7	20	QR-02
Ethylbenzene	74.8	1.00	"	50.0	1.50	147	70-130	35.3	20	QM-07
m,p-Xylene	153	2.00	"	100	4.59	149	70-130	35.5	20	QM-07
Naphthalene	53.5	2.00	"	50.0	2.88	101	70-130	40.0	20	QR-02
o-Xylene	73.2	1.00	"	50.0	1.20	144	70-130	37.6	20	QM-07
Toluene	69.0	1.00	"	50.0	4.42	129	70-130	32.7	20	QR-02
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.3	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	72		"	62.5		115	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K1005 - EPA 3050B

Blank (B3K1005-BLK1)

Prepared: 11/10/2023 Analyzed: 11/14/2023

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 (B3K1005-BS1)

Prepared: 11/10/2023 Analyzed: 11/14/2023

Arsenic	0.0534	0.000100	mg/kg	0.0500		107	80-120			
Barium	5.31	0.0100	"	5.00		106	80-120			
Cadmium	0.0530	0.000100	"	0.0500		106	80-120			
Copper	0.571	0.0100	"	0.500		114	80-120			
Lead	0.0516	0.0100	"	0.0500		103	80-120			
Nickel	0.0513	0.0100	"	0.0500		103	80-120			
Selenium	0.0530	0.000100	"	0.0500		106	80-120			
Silver	0.0450	0.000100	"	0.0500		90.1	80-120			
Zinc	0.526	0.100	"	0.500		105	80-120			

Matrix Spike (B3K1005-MS1)

Source: Y310651-05

Prepared: 11/10/2023 Analyzed: 11/14/2023

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K1005 - EPA 3050B

Matrix Spike (B3K1005-MS1)

Source: Y310651-05

Prepared: 11/10/2023 Analyzed: 11/14/2023

Arsenic	5.87	0.0920	mg/kg	4.60	0.640	114	75-125			
Barium	512	9.20	"	460	8.70	109	75-125			
Cadmium	5.12	0.0920	"	4.60	0.0252	111	75-125			
Copper	55.3	9.20	"	46.0	1.85	116	75-125			
Lead	6.45	9.20	"	4.60	1.47	108	75-125			
Nickel	7.09	9.20	"	4.60	2.31	104	75-125			
Selenium	4.87	0.0920	"	4.60	ND	106	75-125			
Silver	4.25	0.0920	"	4.60	0.0108	92.1	75-125			
Zinc	59.3	92.0	"	46.0	ND	129	75-125			QM-07

Matrix Spike Dup (B3K1005-MSD1)

Source: Y310651-05

Prepared: 11/10/2023 Analyzed: 11/14/2023

Arsenic	6.69	0.0973	mg/kg	4.86	0.640	124	75-125	13.1	20	
Barium	557	9.73	"	486	8.70	113	75-125	8.46	20	
Cadmium	5.74	0.0973	"	4.86	0.0252	118	75-125	11.5	20	
Copper	63.7	9.73	"	48.6	1.85	127	75-125	14.1	20	QM-07
Lead	7.60	9.73	"	4.86	1.47	126	75-125	16.4	20	QM-07
Nickel	13.7	9.73	"	4.86	2.31	234	75-125	63.5	20	QM-07
Selenium	5.76	0.0973	"	4.86	ND	118	75-125	16.7	20	
Silver	4.77	0.0973	"	4.86	0.0108	97.7	75-125	11.5	20	
Zinc	65.6	97.3	"	48.6	ND	135	75-125	10.0	20	QM-07

Batch B3K1006 - EPA 3050B

Blank (B3K1006-BLK1)

Prepared: 11/10/2023 Analyzed: 11/15/2023

Arsenic	ND	0.000100	mg/kg							
Barium	ND	0.0100	"							
Cadmium	ND	0.000100	"							

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K1006 - EPA 3050B

Blank (B3K1006-BLK1)

Prepared: 11/10/2023 Analyzed: 11/15/2023

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

LCS (B3K1006-BS1)

Prepared: 11/10/2023 Analyzed: 11/15/2023

Arsenic	0.0521	0.000100	mg/kg	0.0500		104	80-120			
Barium	5.33	0.0100	"	5.00		107	80-120			
Cadmium	0.0525	0.000100	"	0.0500		105	80-120			
Copper	0.521	0.0100	"	0.500		104	80-120			
Lead	0.0508	0.0100	"	0.0500		102	80-120			
Nickel	0.0505	0.0100	"	0.0500		101	80-120			
Selenium	0.0533	0.000100	"	0.0500		107	80-120			
Silver	0.0540	0.000100	"	0.0500		108	80-120			
Zinc	0.507	0.100	"	0.500		101	80-120			

Matrix Spike (B3K1006-MS1)

Source: Y311214-08

Prepared: 11/10/2023 Analyzed: 11/15/2023

Arsenic	7.26	0.0916	mg/kg	4.58	3.25	87.6	75-125			
Barium	534	9.16	"	458	63.0	103	75-125			
Cadmium	5.04	0.0916	"	4.58	0.0926	108	75-125			
Copper	56.4	9.16	"	45.8	7.27	107	75-125			
Lead	12.2	9.16	"	4.58	9.58	56.7	75-125			QM-07
Nickel	11.7	9.16	"	4.58	8.14	77.2	75-125			
Selenium	5.22	0.0916	"	4.58	0.0753	112	75-125			
Silver	5.07	0.0916	"	4.58	0.0398	110	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 - Bryant 16,23,36-30

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 B3K1006 - EPA 3050B

Matrix Spike (B3K1006-MS1)

Source: Y311214-08

Prepared: 11/10/2023 Analyzed: 11/15/2023

Zinc	73.1	91.6	mg/kg	45.8	26.0	103	75-125			
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Matrix Spike Dup (B3K1006-MSD1)

Source: Y311214-08

Prepared: 11/10/2023 Analyzed: 11/15/2023

Arsenic	7.46	0.0936	mg/kg	4.68	3.25	90.2	75-125	2.81	20	
Barium	541	9.36	"	468	63.0	102	75-125	1.22	20	
Cadmium	5.18	0.0936	"	4.68	0.0926	109	75-125	2.71	20	
Copper	57.5	9.36	"	46.8	7.27	107	75-125	2.07	20	
Lead	12.2	9.36	"	4.68	9.58	56.0	75-125	0.201	20	QM-07
Nickel	11.7	9.36	"	4.68	8.14	76.5	75-125	0.359	20	
Selenium	4.58	0.0936	"	4.68	0.0753	96.3	75-125	13.0	20	
Silver	5.24	0.0936	"	4.68	0.0398	111	75-125	3.33	20	
Zinc	72.1	93.6	"	46.8	26.0	98.5	75-125	1.43	20	

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0827 - EPA 3580

Prepared: 11/08/2023 Analyzed: 11/08/2023

Blank (B3K0827-BLK1)

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		103	60-130			
Surrogate: Anthracene-d10	190		"	200		96.7	60-130			
Surrogate: Pyrene-d10	200		"	200		98.1	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		96.2	60-130			

Prepared: 11/08/2023 Analyzed: 11/08/2023

LCS (B3K0827-BS1)

1-Methylnaphthalene	0.201	0.002	mg/kg	0.200		100	70-130			
2-Methylnaphthalene	0.199	0.002	"	0.200		99.6	70-130			
Acenaphthene	0.193	0.020	"	0.200		96.6	70-130			
Anthracene	0.184	0.020	"	0.200		92.0	70-130			

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0827 - EPA 3580

LCS (B3K0827-BS1)

Prepared: 11/08/2023 Analyzed: 11/08/2023

Benzo (a) anthracene	0.194	0.005	mg/kg	0.200		97.2	70-130			
Benzo (a) pyrene	0.190	0.020	"	0.200		95.0	70-130			
Benzo (b) fluoranthene	0.193	0.020	"	0.200		96.5	70-130			
Benzo (g,h,i) perylene	0.203	0.020	"	0.200		101	70-130			
Benzo (k) fluoranthene	0.188	0.020	"	0.200		93.9	70-130			
Chrysene	0.197	0.020	"	0.200		98.4	70-130			
Dibenz (a,h) anthracene	0.192	0.020	"	0.200		96.0	70-130			
Fluoranthene	0.206	0.020	"	0.200		103	70-130			
Fluorene	0.200	0.020	"	0.200		100	70-130			
Indeno (1,2,3-cd) pyrene	0.186	0.020	"	0.200		92.8	70-130			
Naphthalene	0.197	0.002	"	0.200		98.3	70-130			
Phenanthrene	0.186	0.020	"	0.200		93.0	70-130			
Pyrene	0.185	0.020	"	0.200		92.7	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	190		"	200		96.3	60-130			
Surrogate: Pyrene-d10	190		"	200		97.3	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		97.5	60-130			

Matrix Spike (B3K0827-MS1)

Source: Y311211-01

Prepared: 11/08/2023 Analyzed: 11/08/2023

1-Methylnaphthalene	0.342	0.002	mg/kg	0.200	0.094	124	70-130			
2-Methylnaphthalene	0.428	0.002	"	0.200	0.164	132	70-130			QM-07
Acenaphthene	0.239	0.020	"	0.200	0.039	100	70-130			
Anthracene	0.249	0.020	"	0.200	ND	124	70-130			
Benzo (a) anthracene	0.199	0.005	"	0.200	0.001	99.0	70-130			
Benzo (a) pyrene	0.191	0.020	"	0.200	ND	95.7	70-130			
Benzo (b) fluoranthene	0.211	0.020	"	0.200	0.002	104	70-130			
Benzo (g,h,i) perylene	0.212	0.020	"	0.200	0.002	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 - Bryant 16,23,36-30

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 B3K0827 - EPA 3580

Matrix Spike (B3K0827-MS1)

Source: Y311211-01

Prepared: 11/08/2023 Analyzed: 11/08/2023

Benzo (k) fluoranthene	0.193	0.020	mg/kg	0.200	0.002	95.7	70-130			
Chrysene	0.230	0.020	"	0.200	0.008	111	70-130			
Dibenz (a,h) anthracene	0.204	0.020	"	0.200	ND	102	70-130			
Fluoranthene	0.229	0.020	"	0.200	0.003	113	70-130			
Fluorene	0.263	0.020	"	0.200	0.048	108	70-130			
Indeno (1,2,3-cd) pyrene	0.187	0.020	"	0.200	ND	93.3	70-130			
Naphthalene	0.216	0.002	"	0.200	0.009	103	70-130			
Phenanthrene	0.330	0.020	"	0.200	0.105	113	70-130			
Pyrene	0.188	0.020	"	0.200	0.004	92.0	70-130			

Surrogate: Fluorene-d10	220		ug/kg	200		109	60-130			
Surrogate: Anthracene-d10	200		"	200		99.7	60-130			
Surrogate: Pyrene-d10	180		"	200		91.3	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.9	60-130			

Matrix Spike Dup (B3K0827-MSD1)

Source: Y311211-01

Prepared: 11/08/2023 Analyzed: 11/08/2023

1-Methylnaphthalene	0.313	0.002	mg/kg	0.200	0.094	109	70-130	9.02	20	
2-Methylnaphthalene	0.374	0.002	"	0.200	0.164	105	70-130	13.5	20	
Acenaphthene	0.226	0.020	"	0.200	0.039	93.7	70-130	5.53	20	
Anthracene	0.223	0.020	"	0.200	ND	112	70-130	10.9	20	
Benzo (a) anthracene	0.210	0.005	"	0.200	0.001	104	70-130	5.18	20	
Benzo (a) pyrene	0.187	0.020	"	0.200	ND	93.3	70-130	2.59	20	
Benzo (b) fluoranthene	0.203	0.020	"	0.200	0.002	101	70-130	3.55	20	
Benzo (g,h,i) perylene	0.206	0.020	"	0.200	0.002	102	70-130	2.91	20	
Benzo (k) fluoranthene	0.183	0.020	"	0.200	0.002	90.6	70-130	5.43	20	
Chrysene	0.224	0.020	"	0.200	0.008	108	70-130	2.43	20	
Dibenz (a,h) anthracene	0.200	0.020	"	0.200	ND	100	70-130	1.81	20	
Fluoranthene	0.229	0.020	"	0.200	0.003	113	70-130	0.0570	20	

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0827 - EPA 3580

Matrix Spike Dup (B3K0827-MSD1)

Source: Y311211-01

Prepared: 11/08/2023 Analyzed: 11/08/2023

Fluorene	0.247	0.020	mg/kg	0.200	0.048	100	70-130	6.22	20	
Indeno (1,2,3-cd) pyrene	0.194	0.020	"	0.200	ND	97.1	70-130	3.95	20	
Naphthalene	0.205	0.002	"	0.200	0.009	97.9	70-130	4.96	20	
Phenanthrene	0.297	0.020	"	0.200	0.105	96.4	70-130	10.4	20	
Pyrene	0.190	0.020	"	0.200	0.004	92.8	70-130	0.850	20	
Surrogate: Fluorene-d10	220		ug/kg	200		108	60-130			
Surrogate: Anthracene-d10	200		"	200		101	60-130			
Surrogate: Pyrene-d10	190		"	200		93.3	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.7	60-130			

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0915 - DTPA Sorbitol Preparation

Blank (B3K0915-BLK1)					Prepared: 11/09/2023 Analyzed: 11/10/2023					
Boron	ND	0.100	mg/L							
Duplicate (B3K0915-DUP1)		Source: Y311211-01			Prepared: 11/09/2023 Analyzed: 11/10/2023					
Boron	0.886	0.0983	mg/L		0.464			62.5	50	QR-DUP

Batch B3K0916 - DTPA Sorbitol Preparation

Blank (B3K0916-BLK1)					Prepared: 11/09/2023 Analyzed: 11/10/2023					
Boron	ND	0.100	mg/L							
Duplicate (B3K0916-DUP1)		Source: Y311214-12			Prepared: 11/09/2023 Analyzed: 11/10/2023					
Boron	0.136	0.0989	mg/L		0.129			5.50	50	

Batch B3K0918 - Saturated Paste Metals

Blank (B3K0918-BLK1)					Prepared: 11/09/2023 Analyzed: 11/13/2023					
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 (B3K0918-DUP1)		Source: Y311169-04			Prepared: 11/09/2023 Analyzed: 11/13/2023					
Calcium PPM	9.18	10.0	mg/L		10.3			11.3	50	
SAR	ND	0.0100	SAR		7.14				200	
Magnesium PPM	9.73	10.0	mg/L		10.2			4.81	50	
Sodium PPM	135	10.0	"		135			0.251	50	

Origins Laboratory, Inc.

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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 B3K0919 - Saturated Paste Metals

Blank (B3K0919-BLK1)

Prepared: 11/09/2023 Analyzed: 11/13/2023

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

Duplicate (B3K0919-DUP1)

Source: Y311214-07

Prepared: 11/09/2023 Analyzed: 11/13/2023

SAR	ND	0.0100	SAR	2.86				200		
Calcium PPM	6.14	10.0	mg/L	5.61				9.02	50	
Magnesium PPM	3.36	10.0	"	3.18				5.50	50	
Sodium PPM	37.3	10.0	"	34.2				8.75	50	

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager



Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - Bryant 16,23,36-30

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 B3K0923 - Saturated Paste pH/EC

Blank (B3K0923-BLK1)

Prepared: 11/09/2023 Analyzed: 11/10/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3K0923-DUP1)

Source: Y311169-04

Prepared: 11/09/2023 Analyzed: 11/10/2023

Specific Conductance (EC) 0.743 0.00500 mmhos/cm 0.755 1.68 25

pH 8.27 pH Units 8.31 0.483 25

Batch B3K0924 - Saturated Paste pH/EC

Blank (B3K0924-BLK1)

Prepared: 11/09/2023 Analyzed: 11/10/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3K0924-DUP1)

Source: Y311214-07

Prepared: 11/09/2023 Analyzed: 11/10/2023

pH 8.16 pH Units 8.01 1.86 25

Specific Conductance (EC) 0.268 0.00500 mmhos/cm 0.251 6.78 25

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L716305 -

DUP (L 89252-DUP)

Source: Y311214-14

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
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MS (L 89252-MS)

Source: Y311214-14

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	35.4	2.5	mg/Kg	39.3	<1.22	90	75-125			
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LCS (LCS)

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	7	0.5	mg/Kg	8		88	75-125			
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LRB (LRB)

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	ND	0.5	mg/Kg			-				
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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 - Bryant 16,23,36-30

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
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Batch L716303 -

DUP (L 89245-DUP)

Source: Y311214-07

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
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MS (L 89245-MS)

Source: Y311214-07

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	35.1	2.5	mg/Kg	39.5	<1.22	89	75-125			
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LCS (LCS)

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	6.51	0.5	mg/Kg	8		81	75-125			
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LRB (LRB)

Prepared: Analyzed: 11/10/2023

Chromium, Hexavalent	ND	0.5	mg/Kg			-				
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Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - Bryant 16,23,36-30

Notes and Definitions

U Sample is Non-Detect.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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

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