



Quandary Consultants

Mike Dinkel

2252 Emerson St.

Denver

CO

80205

December 03, 2024

Project Name - KMG - HSR - French 2-6

Project Number - [none]

Attached are your analytical results for KMG - HSR - French 2-6 received by Origins Laboratory October 24, 2024. This project is associated with Origins project number E410778-01.

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
303.433.1322
projectmanager@originslab.com



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



Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@5'	E410778-01	Soil	October 24, 2024 9:40	10/24/2024 15:00
FL-B01@4'	E410778-02	Soil	October 24, 2024 9:50	10/24/2024 15:00
WH-BG01@3'	E410778-03	Soil	October 24, 2024 9:51	10/24/2024 15:00
WH-BG01@6'	E410778-04	Soil	October 24, 2024 9:52	10/24/2024 15:00
WH-BG02@3'	E410778-05	Soil	October 24, 2024 9:53	10/24/2024 15:00
WH-BG02@6'	E410778-06	Soil	October 24, 2024 9:54	10/24/2024 15:00
WH-BG03@3'	E410778-07	Soil	October 24, 2024 9:55	10/24/2024 15:00
WH-BG03@6'	E410778-08	Soil	October 24, 2024 9:56	10/24/2024 15:00
WH-BG04@3'	E410778-09	Soil	October 24, 2024 9:57	10/24/2024 15:00
WH-BG04@6'	E410778-10	Soil	October 24, 2024 9:58	10/24/2024 15:00
FL-B02@3"	E410778-11	Soil	October 24, 2024 10:44	10/24/2024 15:00

Origins Laboratory

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.

Jordan A. Bynon, Project Manager

Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

ORIGINS

LABORATORY INC

ORIGINAL WORK ORDER #

E410778

Page 1 of 2

Client: Leao-Magete Oil & Gas Overseas, LP
Address: 501 N. Division St.
Telephone Number: 703.691.7708
Email Address: ADAN@LEAO-MAGETE.COM

Project Manager: Mike Dinkel
Project Name: HSR French 2-6
Project Number: 71111111

Collected By: Will Jarvis
Invoice/Billing Info: Erik Michelson
S=Soil | SO=Solid | O=Oil | A=Air | G=Gas | UNP=Unpres | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis	Comments
1	WH-B61051	10-24-24	940	3	S	N/A	X
2	FL-B61041	10-24-24	950	1			X
3	WH-B61031		951				X
4	WH-B61061		952				X
5	WH-B61031		953				X
6	WH-B61031		954				X
7	WH-B61031		955				X
8	WH-B61031		956				X
9	WH-B61031		957				X
10	WH-B61031		958				X

Relinquished By: Will Jarvis
Date: 10-24-24
Time: 1500

Received By: [Signature]
Date: 10/24/24
Time: 1500

Temp Received: 2.3
Received On Ice? ☒ Yes ☐ No

Standard ☐ 48 Hr ☐ 72 Hr

Turnaround Time ☒ SAME DAY ☐ 24 Hr

Origins Laboratory

[Signature]

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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

ORIGINS

(ORIGINAL WORK ORDER #)

E410778

Page 2 of 2

LABORATORY INC.

Client:

Leco-McGehee Div & Gas Outfitter, LP

Project Manager:

Mike Dinkel

Key:

Address:

501 N. Division St.
Platteville, CO 80651

Project Name:

HSR - French 2-G

W= Water

Project Number:

GW=Groundwater
SW=Surface Water
WM=Waste Water
L=Liquid

Telephone Number:

(762) 691-7788 SAMPLES@QUANTASDETECT.COM

Collected By:

Will Jarvis

Email Address:

ADRIAN@QUANTASDETECT.COM

Invoice/Billing Info:

Erik Michelson

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas || UNP=Unpres | HCL= Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=sodium hydroxide

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis											Comments
1	FL-BØ2Ø3 ^A	10-24-21	1044	3 S	N/A	X											
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Relinquished By:
Will Jarvis

Date:
10-24-21

Time:
1500

Received By:

Date:
10/24/21

Time:
1500

Temp Received:- 2.3

Received On Ice? ☒ Yes ☐ No

☐ Standard ☐ Turnaround Time
SAME DAY ☐ 24 Hr

Origins Laboratory

Byron

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

ORIGINS LABORATORY

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: E40778

Client: Quandary

Client Project ID: French 02-10

Checklist Completed by: SAH

Shipped Via: HO

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

Date/time completed: 01/29/12

Airbill #: N/A

Matrix(s) Received: (Check all that apply) 1 Soil/Solid 1 Water 1 Other: 1

Cooler Number/Temperature: 1 12.3 °C 1 °C 1 °C (Describe) 1 °C

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	/			
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⁾ ?	XJS	/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			/	
Additional Comments (if any):				

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

Reviewed by (Project Manager) SAH

Date/Time Reviewed 01/29/12

Origins Laboratory

J. Bynon

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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-B01@5'

10/24/2024 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.364	0.0987	mg/L	1	B4J2512	10/25/2024	10/28/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J2449	10/24/2024	10/24/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

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

1,2,4-Trimethylbenzene	0.00732	0.00200	mg/kg	1	B4J2450	10/24/2024	10/24/2024	
1,3,5-Trimethylbenzene	0.00266	0.00200	"	"	"	"	"	
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	0.00666	0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.331	0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	
Surrogate: Toluene-d8	110 %	70-130			"	"	"	

Origins Laboratory



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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-B01@5'

10/24/2024 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	101 %	70-130		B4J24 50	10/24/2024	10/24/2024
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Metals by Saturated Paste by EPA 6010

Calcium	13.6	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	1.21	0.435	"	"	"	"	"

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	0.009	0.002	mg/kg	1	B4J2451	10/24/2024	10/24/2024	
2-Methylnaphthalene	0.016	0.002	"	"	"	"	"	
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

Origins Laboratory



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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-B01@5'

10/24/2024 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-01 (Soil)

PAH by EPA 8270E extracted via 3580A

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B4J2451	10/24/2024	10/24/2024	Ua
Naphthalene	0.002	0.002	"	"	"	"	"	
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	104 %	60-130	"	"	"
Surrogate: Anthracene-d10	79.5 %	60-130	"	"	"
Surrogate: Pyrene-d10	105 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	97.5 %	60-130	"	"	"

pH in Soil by 9045D

pH	12.2	pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	0.463	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.83	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	2.91	0.268	mg/kg	10	B4J2452	10/24/2024	10/25/2024
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Origins Laboratory



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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

WH-B01@5'

10/24/2024 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-01 (Soil)

Table 915 metals by EPA 6020B

Barium	126	9.25	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Cadmium	0.191	0.0925	"	"	"	"	"
Copper	11.6	9.25	"	"	"	"	"
Lead	10.5	0.925	"	"	"	"	"
Nickel	10.9	0.925	"	"	"	"	"
Selenium	ND	0.241	"	"	"	"	"
Silver	ND	0.0925	"	"	"	"	"
Zinc	98.2	34.2	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.166	0.415	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

FL-B01@4'

10/24/2024 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.236	0.0989	mg/L	1	B4J2512	10/25/2024	10/28/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J2449	10/24/2024	10/24/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua


Surrogate: o-Terphenyl	82.9 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J2450	10/24/2024	10/24/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130	"	"	"
Surrogate: Toluene-d8	109 %	70-130	"	"	"

Origins Laboratory



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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

FL-B01@4'

10/24/2024 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	101 %	70-130		B4J24 50	10/24/2024	10/24/2024
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Metals by Saturated Paste by EPA 6010

Calcium	2.06	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.557	0.435	"	"	"	"	"

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J2451	10/24/2024	10/24/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

Origins Laboratory



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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

FL-B01@4'

10/24/2024 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-02 (Soil)

PAH by EPA 8270E extracted via 3580A

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B4J2451	10/24/2024	10/24/2024	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	103 %	60-130	"	"	"
Surrogate: Anthracene-d10	80.5 %	60-130	"	"	"
Surrogate: Pyrene-d10	104 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	96.8 %	60-130	"	"	"

pH in Soil by 9045D

pH	7.93	pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	0.467	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.376	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	2.80	0.271	mg/kg	10	B4J2452	10/24/2024	10/25/2024
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Origins Laboratory



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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

FL-B01@4'

10/24/2024 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-02 (Soil)

Table 915 metals by EPA 6020B

Barium	85.8	9.34	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Cadmium	0.138	0.0934	"	"	"	"	"
Copper	10.4	9.34	"	"	"	"	"
Lead	10.3	0.934	"	"	"	"	"
Nickel	10.2	0.934	"	"	"	"	"
Selenium	ND	0.243	"	"	"	"	"
Silver	ND	0.0934	"	"	"	"	"
Zinc	54.8	34.6	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.152	0.381	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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Jordan A. Bynon, Project Manager



Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG01@3'

10/24/2024 9:51:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.119	0.101	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.82	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	2.03	0.823	"	"	"	"	"
Sodium	2.68	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.18		pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	1.93	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.804	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	1.96	0.257	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	50.4	8.85	"	"	"	"	"
Cadmium	ND	0.0885	"	"	"	"	"
Copper	ND	8.85	"	"	"	"	"

Origins Laboratory

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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

WH-BG01@3'

10/24/2024 9:51:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-03 (Soil)

Table 915 metals by EPA 6020B

Lead	5.85	0.885	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Nickel	8.26	0.885	"	"	"	"	"
Selenium	ND	0.230	"	"	"	"	"
Silver	ND	0.0885	"	"	"	"	"
Zinc	ND	32.7	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.155	0.388	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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.

Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG01@6'

10/24/2024 9:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.360	0.0983	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	0.977	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	1.14	0.823	"	"	"	"	"
Sodium	2.30	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.08		pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	2.24	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.749	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	2.61	0.282	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	60.2	9.72	"	"	"	"	"
Cadmium	ND	0.0972	"	"	"	"	"
Copper	ND	9.72	"	"	"	"	"

Origins Laboratory



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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

WH-BG01@6'

10/24/2024 9:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-04 (Soil)

Table 915 metals by EPA 6020B

Lead	6.30	0.972	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Nickel	8.78	0.972	"	"	"	"	"
Selenium	0.334	0.253	"	"	"	"	"
Silver	ND	0.0972	"	"	"	"	"
Zinc	ND	36.0	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.158	0.395	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG02@3'

10/24/2024 9:53:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.480	0.0995	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	0.768	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	1.62	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.71		pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	1.88	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.452	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	2.32	0.286	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	56.8	9.86	"	"	"	"	"
Cadmium	ND	0.0986	"	"	"	"	"
Copper	ND	9.86	"	"	"	"	"

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2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG02@3'

10/24/2024 9:53:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-05 (Soil)

Table 915 metals by EPA 6020B

Lead	6.31		0.986	mg/kg	10	B4J2452	10/24/2024	10/25/2024	
Nickel	8.51		0.986	"	"	"	"	"	
Selenium	ND		0.256	"	"	"	"	"	
Silver	ND		0.0986	"	"	"	"	"	
Zinc	ND		36.5	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.153	0.382	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG02@6'

10/24/2024 9:54:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.408	0.0998	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	1.69	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.58		pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	2.91	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.358	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	2.40	0.246	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	71.9	8.50	"	"	"	"	"
Cadmium	ND	0.0850	"	"	"	"	"

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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

WH-BG02@6'

10/24/2024 9:54:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-06 (Soil)

Table 915 metals by EPA 6020B

Copper	ND	8.50	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Lead	6.66	0.850	"	"	"	"	"
Nickel	8.72	0.850	"	"	"	"	"
Selenium	ND	0.221	"	"	"	"	"
Silver	ND	0.0850	"	"	"	"	"
Zinc	ND	31.4	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.111	0.279	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG03@3'

10/24/2024 9:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.750	0.100	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	3.73	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	3.99	0.823	"	"	"	"	"
Sodium	4.98	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.05		pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	2.53	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.47	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	3.57	0.279	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	143	9.62	"	"	"	"	"
Cadmium	0.227	0.0962	"	"	"	"	"
Copper	15.8	9.62	"	"	"	"	"

Origins Laboratory



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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

WH-BG03@3'

10/24/2024 9:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-07 (Soil)

Table 915 metals by EPA 6020B

Lead	10.7	0.962	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Nickel	13.8	0.962	"	"	"	"	"
Selenium	ND	0.250	"	"	"	"	"
Silver	ND	0.0962	"	"	"	"	"
Zinc	57.6	35.6	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.163	0.407	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG03@6'

10/24/2024 9:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-08 (Soil)

Boron (DTPA Sorbitol)

Boron	1.41	0.0986	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	5.45	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	4.98	0.823	"	"	"	"	"
Sodium	7.95	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.67		pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	3.48	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.87	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	6.31	0.248	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	84.9	8.54	"	"	"	"	"
Cadmium	0.312	0.0854	"	"	"	"	"
Copper	20.5	8.54	"	"	"	"	"

Origins Laboratory



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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG03@6'

10/24/2024 9:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-08 (Soil)

Table 915 metals by EPA 6020B

Lead	11.4	0.854	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Nickel	10.4	0.854	"	"	"	"	"
Selenium	0.354	0.222	"	"	"	"	"
Silver	ND	0.0854	"	"	"	"	"
Zinc	71.2	31.6	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.155	0.388	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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.

Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG04@3'

10/24/2024 9:57:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-09 (Soil)

Boron (DTPA Sorbitol)

Boron	0.249	0.101	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.16	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	0.880	0.823	"	"	"	"	"
Sodium	1.79	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.27		pH Units	1	B4J2520	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	1.77	0.0100	SAR	1	B4J2505	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.418	0.00500	mmhos/cm	1	B4J2520	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	1.92	0.263	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	47.5	9.05	"	"	"	"	"
Cadmium	ND	0.0905	"	"	"	"	"
Copper	9.74	9.05	"	"	"	"	"

Origins Laboratory



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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

WH-BG04@3'

10/24/2024 9:57:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-09 (Soil)

Table 915 metals by EPA 6020B

Lead	9.62	0.905	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Nickel	10.6	0.905	"	"	"	"	"
Selenium	ND	0.235	"	"	"	"	"
Silver	ND	0.0905	"	"	"	"	"
Zinc	37.2	33.5	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.106	0.265	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

WH-BG04@6'

10/24/2024 9:58:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-10 (Soil)

Boron (DTPA Sorbitol)

Boron	0.615	0.100	mg/L	1	B4J2512	10/25/2024	10/28/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.79	0.499	meq/L	10	[CALC]	10/25/2024	10/28/2024
Magnesium	1.61	0.823	"	"	"	"	"
Sodium	7.90	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.22		pH Units	1	B4J2521	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	6.07	0.0100	SAR	1	B4J2506	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.20	0.00500	mmhos/cm	1	B4J2521	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

Arsenic	3.76	0.274	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	105	9.45	"	"	"	"	"
Cadmium	0.139	0.0945	"	"	"	"	"
Copper	16.1	9.45	"	"	"	"	"

Origins Laboratory



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Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

WH-BG04@6'

10/24/2024 9:58:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory
E410778-10 (Soil)

Table 915 metals by EPA 6020B

Lead	12.6	0.945	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Nickel	17.1	0.945	"	"	"	"	"
Selenium	ND	0.246	"	"	"	"	"
Silver	ND	0.0945	"	"	"	"	"
Zinc	54.6	35.0	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.141	0.352	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Origins Laboratory

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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

FL-B02@3"

10/24/2024 10:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-11 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.0998	mg/L	1	B4J2513	10/25/2024	10/28/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4J2449	10/24/2024	10/24/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	81.8 %	50-150			"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4J2450	10/24/2024	10/24/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"
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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

FL-B02@3"

10/24/2024 10:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-11 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	110 %	70-130				B4J24 50	10/24/2024	10/24/2024	
Surrogate: 4-Bromofluorobenzene	99.5 %	70-130				"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.17	0.499	meq/L	10	[CALC]		10/25/2024	10/28/2024	
Magnesium	ND	0.823	"	"	"		"	"	
Sodium	ND	0.435	"	"	"		"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4J2451	10/24/2024	10/24/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua

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2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

FL-B02@3"

10/24/2024 10:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory

E410778-11 (Soil)

PAH by EPA 8270E extracted via 3580A

Fluorene	ND	0.020	mg/kg	1	B4J2451	10/24/2024	10/24/2024	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	103 %	60-130	"	"	"
Surrogate: Anthracene-d10	78.0 %	60-130	"	"	"
Surrogate: Pyrene-d10	105 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	98.3 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.14	pH Units	1	B4J2521	10/25/2024	10/26/2024
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SAR by 20B Saturated Paste

SAR	0.0591	0.0100	SAR	1	B4J2506	10/25/2024	10/28/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.179	0.00500	mmhos/cm	1	B4J2521	10/25/2024	10/26/2024
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Table 915 metals by EPA 6020B

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Project Number: [none]

Project: KMG - HSR - French 2-6

FL-B02@3"

10/24/2024 10:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E410778-11 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.12	0.246	mg/kg	10	B4J2452	10/24/2024	10/25/2024
Barium	56.7	8.47	"	"	"	"	"
Cadmium	0.207	0.0847	"	"	"	"	"
Copper	18.4	8.47	"	"	"	"	"
Lead	6.99	0.847	"	"	"	"	"
Nickel	8.32	0.847	"	"	"	"	"
Selenium	ND	0.220	"	"	"	"	"
Silver	ND	0.0847	"	"	"	"	"
Zinc	ND	31.4	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.162	0.406	mg/kg dry	1	2710641	11/22/2024	11/26/2024	U
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Jordan A. Bynon, Project Manager



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Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4J2449 - EPA 3550B										
Blank (B4J2449-BLK1)					Prepared: 10/24/2024 Analyzed: 10/24/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	22		"	24.9		86.4	50-150			

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Jordan A. Bynon, Project Manager



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Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2449 - EPA 3550B

LCS (B4J2449-BS1)

Prepared: 10/24/2024 Analyzed: 10/24/2024

Diesel (C10-C28)	1010	50.0	mg/kg	1000		101	70-130			
Residual Range Organics (C28-C40)	996	200	"	1000		99.6	70-130			
Surrogate: o-Terphenyl	51		"	49.8		103	50-150			

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Jordan A. Bynon, Project Manager



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Project Number: [none]

Project: KMG - HSR - French 2-6

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2449 - EPA 3550B

Matrix Spike (B4J2449-MS1)		Source: E410775-01			Prepared: 10/24/2024 Analyzed: 10/24/2024					
Diesel (C10-C28)	1100	50.0	mg/kg	1000	ND	110	70-130			
Residual Range Organics (C28-C40)	1120	200	"	1000	ND	112	70-130			
Surrogate: o-Terphenyl	49		"	49.8		99.4	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2449 - EPA 3550B

Matrix Spike Dup (B4J2449-MSD1)			Source: E410775-01			Prepared: 10/24/2024 Analyzed: 10/24/2024				
Diesel (C10-C28)	1040	50.0	mg/kg	1000	ND	104	70-130	5.54	35	
Residual Range Organics (C28-C40)	1030	200	"	1000	ND	103	70-130	8.22	35	
Surrogate: o-Terphenyl	52		"	49.8		105	50-150			

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Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4J2450 - EPA 5030 (soil)										
Blank (B4J2450-BLK1)					Prepared: 10/24/2024 Analyzed: 10/24/2024					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.14		"	0.125		110	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

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Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4J2450 - EPA 5030 (soil)										
LCS (B4J2450-BS1)					Prepared: 10/24/2024 Analyzed: 10/24/2024					
1,2,4-Trimethylbenzene	0.105	0.00200	mg/kg	0.100		105	70-130			
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100		106	70-130			
Benzene	0.0909	0.00200	"	0.100		90.9	70-130			
Ethylbenzene	0.111	0.00200	"	0.100		111	70-130			
Naphthalene	0.0988	0.00380	"	0.100		98.8	70-130			
Toluene	0.101	0.00200	"	0.100		101	70-130			
o-Xylene	0.108	0.00200	"	0.100		108	70-130			
m,p-Xylene	0.220	0.00400	"	0.200		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		108	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		109	70-130			

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Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2450 - EPA 5030 (soil)

Matrix Spike (B4J2450-MS1)		Source: E410779-02			Prepared: 10/24/2024 Analyzed: 10/24/2024					
1,2,4-Trimethylbenzene	0.0956	0.00200	mg/kg	0.100	ND	95.6	70-130			
1,3,5-Trimethylbenzene	0.0968	0.00200	"	0.100	ND	96.8	70-130			
Benzene	0.0853	0.00200	"	0.100	ND	85.3	70-130			
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130			
Naphthalene	0.0842	0.00380	"	0.100	ND	84.2	70-130			
Toluene	0.0955	0.00200	"	0.100	ND	95.5	70-130			
o-Xylene	0.105	0.00200	"	0.100	ND	105	70-130			
m,p-Xylene	0.211	0.00400	"	0.200	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		108	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		111	70-130			

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Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4J2450 - EPA 5030 (soil)										
Matrix Spike Dup (B4J2450-MSD1)			Source: E410779-02		Prepared: 10/24/2024 Analyzed: 10/24/2024					
1,2,4-Trimethylbenzene	0.0826	0.00200	mg/kg	0.100	ND	82.6	70-130	14.5	20	
1,3,5-Trimethylbenzene	0.0843	0.00200	"	0.100	ND	84.3	70-130	13.8	20	
Benzene	0.0777	0.00200	"	0.100	ND	77.7	70-130	9.28	20	
Ethylbenzene	0.0918	0.00200	"	0.100	ND	91.8	70-130	15.5	20	
Naphthalene	0.0751	0.00380	"	0.100	ND	75.1	70-130	11.5	20	
Toluene	0.0840	0.00200	"	0.100	ND	84.0	70-130	12.7	20	
o-Xylene	0.0895	0.00200	"	0.100	ND	89.5	70-130	16.2	20	
m,p-Xylene	0.181	0.00400	"	0.200	ND	90.5	70-130	15.5	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		106	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		108	70-130			

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Jordan A. Bynon, Project Manager



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2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2452 - EPA 3050B

Blank (B4J2452-BLK1)

Prepared: 10/24/2024 Analyzed: 10/25/2024

Arsenic	ND	0.290	mg/kg
Barium	ND	10.0	"
Cadmium	ND	0.100	"
Copper	ND	10.0	"
Lead	ND	1.00	"
Nickel	ND	1.00	"
Selenium	ND	0.260	"
Silver	ND	0.100	"
Zinc	ND	37.0	"

LCS (B4J2452-BS1)

Prepared: 10/24/2024 Analyzed: 10/25/2024

Arsenic	5.26	0.290	mg/kg	5.00	105	80-120
Barium	529	10.0	"	500	106	80-120
Cadmium	5.12	0.100	"	5.00	102	80-120
Copper	52.1	10.0	"	50.0	104	80-120
Lead	5.07	1.00	"	5.00	101	80-120
Nickel	5.38	1.00	"	5.00	108	80-120
Selenium	5.09	0.260	"	5.00	102	80-120
Silver	5.10	0.100	"	5.00	102	80-120
Zinc	51.1	37.0	"	50.0	102	80-120

Matrix Spike (B4J2452-MS1)

Source: E410778-02

Prepared: 10/24/2024 Analyzed: 10/25/2024

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Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2452 - EPA 3050B

Matrix Spike (B4J2452-MS1)				Source: E410778-02		Prepared: 10/24/2024 Analyzed: 10/25/2024				
Arsenic	7.75	0.284	mg/kg	4.89	2.80	101	75-125			
Barium	616	9.78	"	489	85.8	108	75-125			
Cadmium	5.34	0.0978	"	4.89	0.138	106	75-125			
Copper	59.9	9.78	"	48.9	10.4	101	75-125			
Lead	14.1	0.978	"	4.89	10.3	78.0	75-125			
Nickel	15.5	0.978	"	4.89	10.2	108	75-125			
Selenium	5.36	0.254	"	4.89	0.132	107	75-125			
Silver	5.18	0.0978	"	4.89	0.0430	105	75-125			
Zinc	98.5	36.2	"	48.9	54.8	89.3	75-125			
Matrix Spike Dup (B4J2452-MSD1)				Source: E410778-02		Prepared: 10/24/2024 Analyzed: 10/25/2024				
Arsenic	7.82	0.267	mg/kg	4.60	2.80	109	75-125	0.903	20	
Barium	604	9.21	"	460	85.8	113	75-125	1.90	20	
Cadmium	5.10	0.0921	"	4.60	0.138	108	75-125	4.47	20	
Copper	60.2	9.21	"	46.0	10.4	108	75-125	0.443	20	
Lead	14.3	0.921	"	4.60	10.3	86.5	75-125	1.16	20	
Nickel	15.8	0.921	"	4.60	10.2	122	75-125	2.09	20	
Selenium	5.11	0.239	"	4.60	0.132	108	75-125	4.79	20	
Silver	4.95	0.0921	"	4.60	0.0430	107	75-125	4.59	20	
Zinc	102	34.1	"	46.0	54.8	104	75-125	3.96	20	

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Jordan A. Bynon, Project Manager



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2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2451 - EPA 3580

Blank (B4J2451-BLK1)

Prepared: 10/24/2024 Analyzed: 10/24/2024

1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua
Naphthalene	ND	0.002	"							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	160		"	200		80.1	60-130			
Surrogate: Pyrene-d10	210		"	200		107	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.8	60-130			

LCS (B4J2451-BS1)

Prepared: 10/24/2024 Analyzed: 10/24/2024

1-Methylnaphthalene	0.174	0.002	mg/kg	0.200		87.0	70-130			
2-Methylnaphthalene	0.175	0.002	"	0.200		87.6	70-130			
Acenaphthene	0.179	0.020	"	0.200		89.4	70-130			
Anthracene	0.166	0.020	"	0.200		82.9	70-130			

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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control

Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2451 - EPA 3580

LCS (B4J2451-BS1)

Prepared: 10/24/2024 Analyzed: 10/24/2024

Benzo (a) anthracene	0.187	0.005	mg/kg	0.200		93.6	70-130
Benzo (a) pyrene	0.171	0.020	"	0.200		85.6	70-130
Benzo (b) fluoranthene	0.208	0.020	"	0.200		104	70-130
Benzo (g,h,i) perylene	0.181	0.020	"	0.200		90.7	70-130
Benzo (k) fluoranthene	0.187	0.020	"	0.200		93.6	70-130
Chrysene	0.186	0.020	"	0.200		93.0	70-130
Dibenz (a,h) anthracene	0.185	0.020	"	0.200		92.4	70-130
Fluoranthene	0.199	0.020	"	0.200		99.4	70-130
Fluorene	0.184	0.020	"	0.200		92.0	70-130
Indeno (1,2,3-cd) pyrene	0.225	0.020	"	0.200		113	70-130
Naphthalene	0.179	0.002	"	0.200		89.4	70-130
Phenanthrene	0.170	0.020	"	0.200		85.0	70-130
Pyrene	0.218	0.020	"	0.200		109	70-130
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130
Surrogate: Anthracene-d10	160		"	200		81.1	60-130
Surrogate: Pyrene-d10	220		"	200		109	60-130
Surrogate: Benzo (a) pyrene-d12	190		"	200		95.8	60-130

Matrix Spike (B4J2451-MS1)

Source: E410696-02

Prepared: 10/24/2024 Analyzed: 10/24/2024

1-Methylnaphthalene	0.200	0.002	mg/kg	0.200	0.008	95.7	70-130
2-Methylnaphthalene	0.215	0.002	"	0.200	0.013	101	70-130
Acenaphthene	0.197	0.020	"	0.200	0.007	94.8	70-130
Anthracene	0.180	0.020	"	0.200	0.003	88.8	70-130
Benzo (a) anthracene	0.196	0.005	"	0.200	0.019	88.5	70-130
Benzo (a) pyrene	0.199	0.020	"	0.200	0.021	88.9	70-130
Benzo (b) fluoranthene	0.222	0.020	"	0.200	0.016	103	70-130
Benzo (g,h,i) perylene	0.196	0.020	"	0.200	0.017	89.4	70-130

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2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2451 - EPA 3580

Matrix Spike (B4J2451-MS1)		Source: E410696-02			Prepared: 10/24/2024 Analyzed: 10/24/2024					
Benzo (k) fluoranthene	0.212	0.020	mg/kg	0.200	0.009	102	70-130			
Chrysene	0.215	0.020	"	0.200	0.024	95.6	70-130			
Dibenz (a,h) anthracene	0.193	0.020	"	0.200	0.003	94.6	70-130			
Fluoranthene	0.206	0.020	"	0.200	0.023	91.5	70-130			
Fluorene	0.207	0.020	"	0.200	0.010	98.5	70-130			
Indeno (1,2,3-cd) pyrene	0.234	0.020	"	0.200	0.013	110	70-130			
Naphthalene	0.191	0.002	"	0.200	0.003	94.2	70-130			
Phenanthrene	0.196	0.020	"	0.200	0.020	87.9	70-130			
Pyrene	0.229	0.020	"	0.200	0.040	94.5	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	160		"	200		80.5	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Matrix Spike Dup (B4J2451-MSD1)		Source: E410696-02			Prepared: 10/24/2024 Analyzed: 10/24/2024					
1-Methylnaphthalene	0.197	0.002	mg/kg	0.200	0.008	94.4	70-130	1.38	20	
2-Methylnaphthalene	0.203	0.002	"	0.200	0.013	95.3	70-130	5.65	20	
Acenaphthene	0.198	0.020	"	0.200	0.007	95.6	70-130	0.866	20	
Anthracene	0.157	0.020	"	0.200	0.003	77.5	70-130	13.4	20	
Benzo (a) anthracene	0.199	0.005	"	0.200	0.019	89.9	70-130	1.46	20	
Benzo (a) pyrene	0.195	0.020	"	0.200	0.021	87.3	70-130	1.63	20	
Benzo (b) fluoranthene	0.219	0.020	"	0.200	0.016	101	70-130	1.70	20	
Benzo (g,h,i) perylene	0.191	0.020	"	0.200	0.017	87.1	70-130	2.40	20	
Benzo (k) fluoranthene	0.208	0.020	"	0.200	0.009	99.7	70-130	1.98	20	
Chrysene	0.203	0.020	"	0.200	0.024	89.7	70-130	5.65	20	
Dibenz (a,h) anthracene	0.190	0.020	"	0.200	0.003	93.3	70-130	1.36	20	
Fluoranthene	0.198	0.020	"	0.200	0.023	87.2	70-130	4.27	20	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2451 - EPA 3580

Matrix Spike Dup (B4J2451-MSD1)		Source: E410696-02			Prepared: 10/24/2024 Analyzed: 10/24/2024					
Fluorene	0.203	0.020	mg/kg	0.200	0.010	96.4	70-130	1.99	20	
Indeno (1,2,3-cd) pyrene	0.231	0.020	"	0.200	0.013	109	70-130	1.40	20	
Naphthalene	0.194	0.002	"	0.200	0.003	95.5	70-130	1.28	20	
Phenanthrene	0.190	0.020	"	0.200	0.020	84.8	70-130	3.18	20	
Pyrene	0.223	0.020	"	0.200	0.040	91.4	70-130	2.70	20	
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	160		"	200		79.2	60-130			
Surrogate: Pyrene-d10	200		"	200		100	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.7	60-130			

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Jordan A. Bynon, Project Manager

Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

Classical Chemistry Parameters - Quality Control

Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2505 - Saturated Paste Metals

Blank (B4J2505-BLK1)

Prepared: 10/25/2024 Analyzed: 10/28/2024

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

Duplicate (B4J2505-DUP1)

Source: E410772-01

Prepared: 10/25/2024 Analyzed: 10/28/2024

Calcium PPM	5.22	10.0	mg/L	5.89	12.1	50
SAR	ND	0.0100	SAR	10.9		200
Magnesium PPM	0.410	10.0	mg/L	0.470	13.6	50
Sodium PPM	97.7	10.0	"	102	4.17	50

Batch B4J2506 - Saturated Paste Metals

Blank (B4J2506-BLK1)

Prepared: 10/25/2024 Analyzed: 10/28/2024

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

Duplicate (B4J2506-DUP1)

Source: E410778-10

Prepared: 10/25/2024 Analyzed: 10/28/2024

SAR	ND	0.0100	SAR	6.07	200
Calcium PPM	41.4	10.0	mg/L	35.8	14.5 50
Magnesium PPM	24.0	10.0	"	19.6	20.6 50
Sodium PPM	203	10.0	"	182	11.2 50

Batch B4J2512 - DTPA Sorbitol Preparation

Blank (B4J2512-BLK1)

Prepared: 10/25/2024 Analyzed: 10/28/2024

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Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4J2512 - DTPA Sorbitol Preparation										
Blank (B4J2512-BLK1)					Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4J2512-DUP1)					Source: E410773-01 Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	0.239	0.0998	mg/L		0.244			2.45	50	
Batch B4J2513 - DTPA Sorbitol Preparation										
Blank (B4J2513-BLK1)					Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4J2513-DUP1)					Source: E410778-11 Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	0.0670	0.101	mg/L		0.0836			22.1	50	

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Jordan A. Bynon, Project Manager



Quandary Consultants
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Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4J2520 - Saturated Paste pH/EC

Blank (B4J2520-BLK1)

Prepared: 10/25/2024 Analyzed: 10/26/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4J2520-DUP1)

Source: E410772-01

Prepared: 10/25/2024 Analyzed: 10/26/2024

Specific Conductance (EC)	0.703	0.00500	mmhos/cm	0.812	14.4	25
pH	10.3		pH Units	10.3	0.389	25

Batch B4J2521 - Saturated Paste pH/EC

Blank (B4J2521-BLK1)

Prepared: 10/25/2024 Analyzed: 10/26/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4J2521-DUP1)

Source: E410778-10

Prepared: 10/25/2024 Analyzed: 10/26/2024

Specific Conductance (EC)	1.34	0.00500	mmhos/cm	1.20	11.1	25
pH	8.20		pH Units	8.22	0.244	25

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Jordan A. Bynon, Project Manager

Quandary Consultants
2252 Emerson St.
Denver CO 80205

Mike Dinkel
Project Number: [none]
Project: KMG - HSR - French 2-6

Total Metals 7196A - Quality Control GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2710641 - SW846 3060A										
BLANK (1205929110-BLK)					Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	ND	0.296	mg/kg				-			U
LCS (1205929111-BKS)					Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	3.95	0.390	mg/kg	3.90		101	80-120			
DUP (1205929112 D)					Source: 692430001 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	ND	0.466	mg/kg dry		<0.186		0-50	N/A	50	U
MS (1205929113 S)					Source: 692430001 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	3.84	0.449	mg/kg dry	4.49	<0.180	84.8	75-125			
DUP (1205929114 D)					Source: E410778-02 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	ND	0.464	mg/kg dry		<0.186		0-50	N/A	50	U
MS (1205929115 S)					Source: E410778-02 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	4.24	0.418	mg/kg dry	4.18	<0.167	101	75-125			
ILCS (1205929116-ILCS)					Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	8.39	0.381	mg/kg	7.63		110	80-120			

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Quandary Consultants

2252 Emerson St.

Denver CO 80205

Mike Dinkel

Project Number: [none]

Project: KMG - HSR - French 2-6

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory

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

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Jordan A. Bynon, Project Manager