

July 18, 2021

CDH Consulting

Ryan Bruner

9446 Clermont St

Thornton CO 80229

Project Name - Koda Exploration-Misty

Project Number - [none]

Attached are your analytical results for Koda Exploration-Misty received by Origins Laboratory, Inc. July 01, 2021. This project is associated with Origins project number Y107036-01.

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



CDH Consulting
9446 Clermont St
Thornton CO 80229

Ryan Bruner
Project Number: [none]
Project: Koda Exploration-Misty

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B01@7	Y107036-01	Soil	July 1, 2021 11:05	07/01/2021 14:24
C01@5	Y107036-02	Soil	July 1, 2021 10:53	07/01/2021 14:24
C02@5	Y107036-03	Soil	July 1, 2021 11:11	07/01/2021 14:24
W01@7	Y107036-04	Soil	July 1, 2021 11:19	07/01/2021 14:24
N01@7	Y107036-05	Soil	July 1, 2021 11:26	07/01/2021 14:24
E01@7	Y107036-06	Soil	July 1, 2021 12:00	07/01/2021 14:24
S01@7	Y107036-07	Soil	July 1, 2021 12:00	07/01/2021 14:24

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4107034 Client: CDH Consultants
 Client Project ID: misty 2-7
 Checklist Completed by: JP Shipped Via: HP
 Date/time completed: 7/1/21 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: NA
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 / 18.3 °C / _____ °C / _____ °C (Describe) _____ °C
 Thermometer ID: TO22

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ^{(1)?}		<input checked="" type="checkbox"/>		Sampled same day
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ^{(1)?}	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ^{(1)?}	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ^{(1)?}		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ^{(1)?}	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ^{(1)?}	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ^{(1)?}	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ^{(1)?}	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		<input checked="" type="checkbox"/>		
Are samples preserved that require preservation and was it checked ^{(1)?} (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) JP

Date/Time Reviewed 7-6-21

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

B01@7
 7/1/2021 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.638		0.199	mg/L	1	B1G0904	07/09/2021	07/09/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1G0120	07/01/2021	07/03/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	66.1 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1G0113	07/01/2021	07/06/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.2 %		70-130			"	"	"	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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CDH Consulting
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 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

B01@7
7/1/2021 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y107036-01 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	92.1 %		70-130			B1G01 13	07/01/2021	07/06/2021	
Surrogate: 4-Bromofluorobenzene	101 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	15.4		0.0499	meq/L	1	[CALC]	07/12/2021	07/13/2021	
Magnesium	20.1		0.0823	"	"	"	"	"	
Sodium	61.4		0.0435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00048	0.00067	mg/Kg	1	L562314	07/07/2021	07/07/2021	
2-Methylnaphthalene	ND	0.000542	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000431	0.00067	"	"	"	"	"	
Anthracene	ND	0.000426	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000441	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000133	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000138	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000486	0.00067	"	"	"	"	"	
Chrysene	ND	0.000256	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000279	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000529	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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B01@7
7/1/2021 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y107036-01 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000501	0.00067	mg/Kg	1	L562314	07/07/2021	07/07/2021	
Indeno(1,2,3-cd)pyrene	ND	0.000344	0.00067	"	"	"	"	"	
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"	
Pyrene	ND	0.000387	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	65 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	76.4 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	60.1 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.97			pH Units	1	B1G1209	07/12/2021	07/13/2021	
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SAR by 20B Saturated Paste

SAR	14.6			SAR	1	B1G1215	07/12/2021	07/13/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	7.59		0.00500	mmhos/cm	1	B1G1212	07/12/2021	07/13/2021	
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Total Metals by 6020B

Arsenic	2.77	0.0855	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

B01@7
7/1/2021 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y107036-01 (Soil)

Total Metals by 6020B

Barium	64.5	0.042	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Cadmium	0.305	0.0259	0.25	"	"	"	"	"	
Copper	22.2	0.0806	0.25	"	"	"	"	"	
Lead	16.6	0.031	0.25	"	"	"	"	"	
Nickel	29.3	0.0633	0.25	"	"	"	"	"	
Selenium	0.826	0.103	0.25	"	"	"	"	"	
Silver	0.0926	0.0067	0.25	"	"	"	"	"	J
Zinc	105	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L563789	07/01/2021	07/15/2021	
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CDH Consulting
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 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

C01@5

7/1/2021 10:53:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-02 (Soil)

Boron (DTPA Sorbitol)

Boron	1.73		0.199	mg/L	1	B1G0904	07/09/2021	07/09/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1G0120	07/01/2021	07/03/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	67.4 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1G0113	07/01/2021	07/06/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %		70-130			"	"	"	
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Jen Pellegrini, Project Manager

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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

C01@5
 7/1/2021 10:53:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-02 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	92.2 %		70-130			B1G01 13	07/01/2021	07/06/2021	
Surrogate: 4-Bromofluorobenzene	100 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	17.1		0.0499	meq/L	1	[CALC]	07/12/2021	07/13/2021	
Magnesium	16.1		0.0823	"	"	"	"	"	
Sodium	65.3		0.0435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.0486	0.0048	0.0067	mg/Kg	10	L562314	07/07/2021	07/07/2021	
2-Methylnaphthalene	0.0589	0.00542	0.0067	"	"	"	"	"	
Acenaphthene	ND	0.00431	0.0067	"	"	"	"	"	
Anthracene	ND	0.00426	0.0067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00441	0.0067	"	"	"	"	"	
Benzo(a)pyrene	0.00193	0.00133	0.0067	"	"	"	"	"	J
Benzo(b)fluoranthene	ND	0.00138	0.0067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00486	0.0067	"	"	"	"	"	
Chrysene	0.0051	0.00256	0.0067	"	"	"	"	"	J
Dibenz(a,h)anthracene	ND	0.00279	0.0067	"	"	"	"	"	
Fluoranthene	ND	0.00529	0.0067	"	"	"	"	"	
Fluorene	0.00839	0.00501	0.0067	"	"	"	"	"	

Origins Laboratory, Inc.



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CDH Consulting
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 Thornton CO 80229

Ryan Bruner
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 Project: Koda Exploration-Misty

C01@5
7/1/2021 10:53:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y107036-02 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00344	0.0067	mg/Kg	10	L562314	07/07/2021	07/07/2021	
Naphthalene	0.0231	0.00467	0.0067	"	"	"	"	"	
Pyrene	ND	0.00387	0.0067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	75 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	81.4 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	66.8 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.73			pH Units	1	B1G1209	07/12/2021	07/13/2021	
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SAR by 20B Saturated Paste

SAR	16.0			SAR	1	B1G1215	07/12/2021	07/13/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	7.82		0.00500	mmhos/cm	1	B1G1212	07/12/2021	07/13/2021	
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Total Metals by 6020B

Arsenic	4.28	0.0855	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Barium	325	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

C01@5

7/1/2021 10:53:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y107036-02 (Soil)

Total Metals by 6020B

Cadmium	0.214	0.0259	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	J
Copper	22.6	0.0806	0.25	"	"	"	"	"	
Lead	13.8	0.031	0.25	"	"	"	"	"	
Nickel	22.3	0.0633	0.25	"	"	"	"	"	
Selenium	0.969	0.103	0.25	"	"	"	"	"	
Silver	0.105	0.0067	0.25	"	"	"	"	"	J
Zinc	91.2	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L563789	07/01/2021	07/15/2021	
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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

C02@5
7/1/2021 11:11:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y107036-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.503		0.201	mg/L	1	B1G0904	07/09/2021	07/09/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1G0120	07/01/2021	07/03/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	73.7 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1G0113	07/01/2021	07/06/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	0.00486		0.00200	"	"	"	"	"	
Ethylbenzene	0.00282		0.00200	"	"	"	"	"	
Toluene	0.00912		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	0.00984		0.00200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	98.8 %		70-130			"	"	"	
Surrogate: Toluene-d8	92.7 %		70-130			"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

C02@5
7/1/2021 11:11:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y107036-03 (Soil)

GBTEX+TMBs

Surrogate: 4-Bromofluorobenzene 101 % 70-130 B1G01 13 07/01/2021 07/06/2021

Metals by Saturated Paste

Calcium	25.6		0.0499	meq/L	1	[CALC]	07/12/2021	07/13/2021
Magnesium	8.94		0.0823	"	"	"	"	"
Sodium	67.3		0.0435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.13	0.0048	0.0067	mg/Kg	10	L562314	07/07/2021	07/07/2021
2-Methylnaphthalene	0.155	0.00542	0.0067	"	"	"	"	"
Acenaphthene	0.0108	0.00431	0.0067	"	"	"	"	"
Anthracene	ND	0.00426	0.0067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00441	0.0067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00133	0.0067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00138	0.0067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00486	0.0067	"	"	"	"	"
Chrysene	0.00694	0.00256	0.0067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00279	0.0067	"	"	"	"	"
Fluoranthene	ND	0.00529	0.0067	"	"	"	"	"
Fluorene	0.0175	0.00501	0.0067	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	ND	0.00344	0.0067	"	"	"	"	"

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

C02@5

7/1/2021 11:11:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y107036-03 (Soil)

PAH by 8270D SIM

Naphthalene	0.0784	0.00467	0.0067	mg/Kg	10	L562314	07/07/2021	07/07/2021	
Pyrene	0.00825	0.00387	0.0067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	73.3 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	79.6 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	71.2 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.63			pH Units	1	B1G1209	07/12/2021	07/13/2021	
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SAR by 20B Saturated Paste

SAR	16.2			SAR	1	B1G1215	07/12/2021	07/13/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	7.39		0.00500	mmhos/cm	1	B1G1212	07/12/2021	07/13/2021	
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Total Metals by 6020B

Arsenic	2.73	0.0855	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Barium	227	0.042	0.25	"	"	"	"	"	
Cadmium	0.476	0.0259	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

C02@5

7/1/2021 11:11:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
 Y107036-03 (Soil)

Total Metals by 6020B

Copper	17.5	0.0806	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Lead	9.49	0.031	0.25	"	"	"	"	"	
Nickel	22.9	0.0633	0.25	"	"	"	"	"	
Selenium	0.946	0.103	0.25	"	"	"	"	"	
Silver	0.0825	0.0067	0.25	"	"	"	"	"	J
Zinc	51	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.502	1.03	mg/Kg	2	L563789	07/01/2021	07/15/2021	
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

W01@7

7/1/2021 11:19:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-04 (Soil)

Boron (DTPA Sorbitol)

Boron	1.48		0.198	mg/L	1	B1G0904	07/09/2021	07/09/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1G0120	07/01/2021	07/03/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	68.4 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1G0113	07/01/2021	07/07/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	0.00208		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %		70-130			"	"	"	
Surrogate: Toluene-d8	88.3 %		70-130			"	"	"	

Origins Laboratory, Inc.



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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

W01@7

7/1/2021 11:19:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y107036-04 (Soil)

GBTEX+TMBs

Surrogate: 4-Bromofluorobenzene	85.3 %		70-130			B1G01 13	07/01/2021	07/07/2021	
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Metals by Saturated Paste

Calcium	20.1		0.0499	meq/L	1	[CALC]	07/12/2021	07/13/2021	
Magnesium	19.0		0.0823	"	"	"	"	"	
Sodium	64.1		0.0435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00048	0.00067	mg/Kg	1	L562314	07/07/2021	07/07/2021	
2-Methylnaphthalene	ND	0.000542	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000431	0.00067	"	"	"	"	"	
Anthracene	ND	0.000426	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000441	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000133	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000138	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000486	0.00067	"	"	"	"	"	
Chrysene	ND	0.000256	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000279	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000529	0.00067	"	"	"	"	"	
Fluorene	ND	0.000501	0.00067	"	"	"	"	"	

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

W01@7

7/1/2021 11:19:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
 Y107036-04 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.000344	0.00067	mg/Kg	1	L562314	07/07/2021	07/07/2021	
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"	
Pyrene	ND	0.000387	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	66.6 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	76.3 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	60.5 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.80			pH Units	1	B1G1209	07/12/2021	07/13/2021	
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SAR by 20B Saturated Paste

SAR	14.5			SAR	1	B1G1215	07/12/2021	07/13/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	7.91		0.00500	mmhos/cm	1	B1G1212	07/12/2021	07/13/2021	
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Total Metals by 6020B

Arsenic	4.45	0.0855	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Barium	63	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

W01@7

7/1/2021 11:19:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y107036-04 (Soil)

Total Metals by 6020B

Cadmium	0.162	0.0259	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	J
Copper	21.3	0.0806	0.25	"	"	"	"	"	
Lead	19.1	0.031	0.25	"	"	"	"	"	
Nickel	28.8	0.0633	0.25	"	"	"	"	"	
Selenium	0.608	0.103	0.25	"	"	"	"	"	
Silver	0.115	0.0067	0.25	"	"	"	"	"	J
Zinc	104	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L563789	07/01/2021	07/15/2021	
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Ryan Bruner
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 Project: Koda Exploration-Misty

N01@7
 7/1/2021 11:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.462		0.201	mg/L	1	B1G0904	07/09/2021	07/09/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1G0120	07/01/2021	07/03/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	66.8 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1G0113	07/01/2021	07/06/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	102 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

N01@7
 7/1/2021 11:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-05 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	91.2 %		70-130			B1G01 13	07/01/2021	07/06/2021	
Surrogate: 4-Bromofluorobenzene	101 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	7.20		0.0499	meq/L	1	[CALC]	07/12/2021	07/13/2021	
Magnesium	14.8		0.0823	"	"	"	"	"	
Sodium	65.1		0.0435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00048	0.00067	mg/Kg	1	L562314	07/07/2021	07/07/2021	
2-Methylnaphthalene	ND	0.000542	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000431	0.00067	"	"	"	"	"	
Anthracene	ND	0.000426	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000441	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000133	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000138	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000486	0.00067	"	"	"	"	"	
Chrysene	ND	0.000256	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000279	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000529	0.00067	"	"	"	"	"	

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

N01@7
 7/1/2021 11:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
 Y107036-05 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000501	0.00067	mg/Kg	1	L562314	07/07/2021	07/07/2021	
Indeno(1,2,3-cd)pyrene	ND	0.000344	0.00067	"	"	"	"	"	
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"	
Pyrene	ND	0.000387	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	58.1 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	65.7 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	56.5 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.99			pH Units	1	B1G1209	07/12/2021	07/13/2021	
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SAR by 20B Saturated Paste

SAR	19.7			SAR	1	B1G1215	07/12/2021	07/13/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	7.32		0.00500	mmhos/cm	1	B1G1212	07/12/2021	07/13/2021	
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Total Metals by 6020B

Arsenic	0.87	0.0855	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

N01@7
 7/1/2021 11:26:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
 Y107036-05 (Soil)

Total Metals by 6020B

Barium	59.7	0.042	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Cadmium	0.059	0.0259	0.25	"	"	"	"	"	J
Copper	7.18	0.0806	0.25	"	"	"	"	"	
Lead	19.1	0.031	0.25	"	"	"	"	"	
Nickel	4.91	0.0633	0.25	"	"	"	"	"	
Selenium	0.363	0.103	0.25	"	"	"	"	"	
Silver	0.0516	0.0067	0.25	"	"	"	"	"	J
Zinc	30.2	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.502	mg/Kg	1	L563789	07/01/2021	07/15/2021	
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

E01@7
 7/1/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-06 (Soil)

Boron (DTPA Sorbitol)

Boron	1.78		0.198	mg/L	1	B1G0904	07/09/2021	07/09/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1G0120	07/01/2021	07/02/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	64.6 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1G0113	07/01/2021	07/06/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.8 %		70-130			"	"	"	
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

E01@7
 7/1/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-06 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	91.9 %		70-130			B1G01 13	07/01/2021	07/06/2021	
Surrogate: 4-Bromofluorobenzene	99.3 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	11.8		0.0499	meq/L	1	[CALC]	07/12/2021	07/13/2021	
Magnesium	14.6		0.0823	"	"	"	"	"	
Sodium	57.5		0.0435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.00419	0.0024	0.00335	mg/Kg	5	L562485	07/07/2021	07/07/2021	
2-Methylnaphthalene	0.00465	0.00271	0.00335	"	"	"	"	"	
Acenaphthene	ND	0.00216	0.00335	"	"	"	"	"	
Anthracene	ND	0.00213	0.00335	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00221	0.00335	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000665	0.00335	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00069	0.00335	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00243	0.00335	"	"	"	"	"	
Chrysene	ND	0.00128	0.00335	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.0014	0.00335	"	"	"	"	"	
Fluoranthene	ND	0.00265	0.00335	"	"	"	"	"	

Origins Laboratory, Inc.



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 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

E01@7
7/1/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y107036-06 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00251	0.00335	mg/Kg	5	L562485	07/07/2021	07/07/2021	
Indeno(1,2,3-cd)pyrene	ND	0.00172	0.00335	"	"	"	"	"	
Naphthalene	0.00242	0.00234	0.00335	"	"	"	"	"	J
Pyrene	ND	0.00194	0.00335	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	66.1 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	74.2 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	65.8 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.88			pH Units	1	B1G1209	07/12/2021	07/13/2021	
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SAR by 20B Saturated Paste

SAR	15.8			SAR	1	B1G1215	07/12/2021	07/13/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	6.96		0.00500	mmhos/cm	1	B1G1212	07/12/2021	07/13/2021	
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Total Metals by 6020B

Arsenic	5.65	0.0855	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
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CDH Consulting
 9446 Clermont St
 Thornton CO 80229

Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

E01@7
 7/1/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
 Y107036-06 (Soil)

Total Metals by 6020B

Barium	243	0.042	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Cadmium	0.369	0.0259	0.25	"	"	"	"	"	
Copper	24.2	0.0806	0.25	"	"	"	"	"	
Lead	17.4	0.031	0.25	"	"	"	"	"	
Nickel	33	0.0633	0.25	"	"	"	"	"	
Selenium	0.83	0.103	0.25	"	"	"	"	"	
Silver	0.0925	0.0067	0.25	"	"	"	"	"	J
Zinc	101	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.492	1.01	mg/Kg	2	L563789	07/01/2021	07/15/2021	
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

S01@7
 7/1/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-07 (Soil)

Boron (DTPA Sorbitol)

Boron	1.39		0.201	mg/L	1	B1G0904	07/09/2021	07/09/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1G0120	07/01/2021	07/02/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	58.7 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1G0113	07/01/2021	07/07/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %		70-130			"	"	"	
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

S01@7
 7/1/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y107036-07 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	87.2 %		70-130			B1G01 13	07/01/2021	07/07/2021	
Surrogate: 4-Bromofluorobenzene	100 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	20.6		0.0499	meq/L	1	[CALC]	07/12/2021	07/13/2021	
Magnesium	21.3		0.0823	"	"	"	"	"	
Sodium	71.6		0.0435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00048	0.00067	mg/Kg	1	L562485	07/07/2021	07/07/2021	
2-Methylnaphthalene	ND	0.000542	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000431	0.00067	"	"	"	"	"	
Anthracene	ND	0.000426	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000441	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000133	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000138	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000486	0.00067	"	"	"	"	"	
Chrysene	ND	0.000256	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000279	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000529	0.00067	"	"	"	"	"	

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

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Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
 Y107036-07 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000501	0.00067	mg/Kg	1	L562485	07/07/2021	07/07/2021	
Indeno(1,2,3-cd)pyrene	ND	0.000344	0.00067	"	"	"	"	"	
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"	
Pyrene	ND	0.000387	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	67.1 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	61.6 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	70.4 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.76			pH Units	1	B1G1209	07/12/2021	07/13/2021	
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SAR by 20B Saturated Paste

SAR	15.7			SAR	1	B1G1215	07/12/2021	07/13/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	8.61		0.00500	mmhos/cm	1	B1G1212	07/12/2021	07/13/2021	
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Total Metals by 6020B

Arsenic	1.83	0.0855	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
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Ryan Bruner
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 Project: Koda Exploration-Misty

S01@7
 7/1/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
 Y107036-07 (Soil)

Total Metals by 6020B

Barium	80.9	0.042	0.25	mg/Kg	5	L563220	07/12/2021	07/13/2021	
Cadmium	0.172	0.0259	0.25	"	"	"	"	"	J
Copper	18.8	0.0806	0.25	"	"	"	"	"	
Lead	13.2	0.031	0.25	"	"	"	"	"	
Nickel	15.1	0.0633	0.25	"	"	"	"	"	
Selenium	0.533	0.103	0.25	"	"	"	"	"	
Silver	0.0796	0.0067	0.25	"	"	"	"	"	J
Zinc	70.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.507	1.04	mg/Kg	2	L563789	07/01/2021	07/15/2021	
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 Project: Koda Exploration-Misty

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 B1G0113 - EPA 5030 (soil)

Blank (B1G0113-BLK1)

Prepared: 07/01/2021 Analyzed: 07/01/2021

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.00380	"							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Toluene	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Xylenes, total	ND	0.00200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	96.0		70-130			
Surrogate: Toluene-d8	0.11		"	0.125	87.6		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	95.7		70-130			

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 Project: Koda Exploration-Misty

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 B1G0113 - EPA 5030 (soil)

LCS (B1G0113-BS1)

Prepared: 07/01/2021 Analyzed: 07/01/2021

1,2,4-Trimethylbenzene	0.0466	0.00200	mg/kg	0.0500		93.2	70-130			
Naphthalene	0.0482	0.0100	"	0.0500		96.4	70-130			
1,3,5-Trimethylbenzene	0.0441	0.00200	"	0.0500		88.2	70-130			
Benzene	0.0549	0.00200	"	0.0500		110	70-130			
Ethylbenzene	0.0427	0.00200	"	0.0500		85.3	70-130			
m,p-Xylene	0.0879	0.00400	"	0.100		87.9	70-130			
o-Xylene	0.0436	0.00200	"	0.0500		87.3	70-130			
Toluene	0.0449	0.00200	"	0.0500		89.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.6	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		88.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.3	70-130			

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

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 B1G0113 - EPA 5030 (soil)

Matrix Spike (B1G0113-MS1)	Source: Y107029-04			Prepared: 07/01/2021 Analyzed: 07/01/2021						
1,2,4-Trimethylbenzene	0.0611	0.00200	mg/kg	0.0500	0.00116	120	70-130			
Naphthalene	0.0704	0.0100	"	0.0500	0.00360	134	70-130			QM-07
1,3,5-Trimethylbenzene	0.0543	0.00200	"	0.0500	0.000500	108	70-130			
Benzene	0.0462	0.00200	"	0.0500	ND	92.4	70-130			
Ethylbenzene	0.0533	0.00200	"	0.0500	ND	107	70-130			
m,p-Xylene	0.116	0.00400	"	0.100	0.00180	114	70-130			
o-Xylene	0.0577	0.00200	"	0.0500	0.000760	114	70-130			
Toluene	0.0575	0.00200	"	0.0500	0.00130	112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		90.7	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1G0113 - EPA 5030 (soil)

Matrix Spike Dup (B1G0113-MSD1)	Source: Y107029-04			Prepared: 07/01/2021 Analyzed: 07/01/2021						
1,2,4-Trimethylbenzene	0.0561	0.00200	mg/kg	0.0500	0.00116	110	70-130	8.50	20	
Naphthalene	0.0547	0.0100	"	0.0500	0.00360	102	70-130	25.0	20	QR-03
1,3,5-Trimethylbenzene	0.0524	0.00200	"	0.0500	0.000500	104	70-130	3.60	20	
Benzene	0.0432	0.00200	"	0.0500	ND	86.5	70-130	6.66	20	
Ethylbenzene	0.0509	0.00200	"	0.0500	ND	102	70-130	4.61	20	
m,p-Xylene	0.107	0.00400	"	0.100	0.00180	106	70-130	7.39	20	
o-Xylene	0.0538	0.00200	"	0.0500	0.000760	106	70-130	6.85	20	
Toluene	0.0491	0.00200	"	0.0500	0.00130	95.6	70-130	15.8	20	
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

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Ryan Bruner
Project Number: [none]
Project: Koda Exploration-Misty

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1G0120 - EPA 3550B										
Blank (B1G0120-BLK1)										
					Prepared: 07/01/2021 Analyzed: 07/01/2021					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	25.0		93.4	50-150			

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Ryan Bruner
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 Project: Koda Exploration-Misty

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 B1G0120 - EPA 3550B

LCS (B1G0120-BS1)

Prepared: 07/01/2021 Analyzed: 07/01/2021

Diesel (C10-C28)	483	50.0	mg/kg	500		96.7	70-130			
Residual Range Organics (C28-C40)	485	200	"	500		97.0	70-130			
Surrogate: o-Terphenyl	49		"	50.0		97.2	50-150			

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Ryan Bruner
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 Project: Koda Exploration-Misty

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 B1G0120 - EPA 3550B

Matrix Spike (B1G0120-MS1)	Source: Y107029-05			Prepared: 07/01/2021 Analyzed: 07/01/2021						
Diesel (C10-C28)	1050	50.0	mg/kg	1000	ND	105	70-130			
Residual Range Organics (C28-C40)	1090	200	"	1000	27.6	107	70-130			
Surrogate: o-Terphenyl	59		"	50.0		118	50-150			

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 Project: Koda Exploration-Misty

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 B1G0120 - EPA 3550B

Matrix Spike Dup (B1G0120-MSD1)	Source: Y107029-05			Prepared: 07/01/2021 Analyzed: 07/01/2021						
Diesel (C10-C28)	1030	50.0	mg/kg	1000	ND	103	70-130	1.92	35	
Residual Range Organics (C28-C40)	1100	200	"	1000	27.6	107	70-130	0.461	35	
<i>Surrogate: o-Terphenyl</i>	55		"	50.0		110	50-150			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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 B1G0904 - Default Prep Metals

Blank (B1G0904-BLK1)

Prepared: 07/09/2021 Analyzed: 07/09/2021

Boron	ND	0.200	mg/L							
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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1G1209 - NO PREP										
Duplicate (B1G1209-DUP1)		Source: Y107036-01			Prepared: 07/12/2021 Analyzed: 07/13/2021					
pH	7.90		pH Units		7.97			0.882	25	
Batch B1G1212 - NO PREP										
Blank (B1G1212-BLK1)		Prepared: 07/12/2021 Analyzed: 07/13/2021								
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B1G1212-DUP1)		Source: Y107036-01			Prepared: 07/12/2021 Analyzed: 07/13/2021					
Specific Conductance (EC)	7.38	0.00500	mmhos/cm		7.59			2.90	25	

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

Total Metals by 6020B - 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 L563220 - 3050B

MSD (L 95077-MSD-L563220)		Source: Y107036-07			Prepared: 07/12/2021 Analyzed: 07/13/2021					
Nickel	19.2	0.0633	mg/Kg	2.3	15.1	178	75-125	33.7	80	*
Arsenic	4.27	0.0855	"	2.3	1.83	106	75-125	28.1	80	
Zinc	102	0.534	"	23	70.1	139	75-125	40	80	*
Silver	0.524	0.0067	"	0.46	0.0796	114	75-125	1.3	80	
Selenium	3.7	0.103	"	4.6	0.533	69	75-125	3.2	80	*
Copper	22.8	0.0806	"	2.3	18.6	183	75-125	30.1	80	*
Cadmium	0.657	0.0259	"	0.46	0.172	143	75-125	6.9	80	*
Lead	16.2	0.031	"	2.3	13.2	130	75-125	18.9	80	*
Barium	98.5	0.042	"	4.6	80.9	383	75-125	40.6	80	*

MS (L 95077-MS-L563220)		Source: Y107036-07			Prepared: 07/12/2021 Analyzed: 07/14/2021					
Selenium	3.58	0.103	mg/Kg	4.85	0.533	63	75-125			*
Silver	0.531	0.0067	"	0.485	0.0796	109	75-125			
Zinc	153	0.534	"	24.2	70.1	342	75-125			*
Nickel	27	0.0633	"	2.42	15.1	491	75-125			*
Lead	13.4	0.031	"	2.42	13.2	8	75-125			*
Copper	30.9	0.161	"	2.42	18.6	507	75-125			*
Cadmium	0.704	0.0259	"	0.485	0.172	145	75-125			*
Barium	65.2	0.042	"	4.85	80.9	NR	75-125			*
Arsenic	5.67	0.0855	"	2.42	1.83	158	75-125			*

LCS (LCS-L563220)		Prepared: 07/12/2021 Analyzed: 07/13/2021								
Silver	0.507	0.0067	mg/Kg	0.5		101	80-120			
Zinc	26.7	0.534	"	25		107	80-120			
Arsenic	2.47	0.0855	"	2.5		99	80-120			
Barium	5.22	0.042	"	5		104	80-120			
Cadmium	0.497	0.0259	"	0.5		99	80-120			

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

Total Metals by 6020B - 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 L563220 - 3050B

LCS (LCS-L563220)

Prepared: 07/12/2021 Analyzed: 07/13/2021

Copper	2.59	0.0806	mg/Kg	2.5		104	80-120			
Lead	2.54	0.031	"	2.5		102	80-120			
Nickel	2.42	0.0633	"	2.5		97	80-120			
Selenium	5.13	0.103	"	5		103	80-120			

LRB (LRB-L563220)

Prepared: 07/12/2021 Analyzed: 07/13/2021

Lead	ND	0.25	mg/Kg				-			
Nickel	ND	0.25	"				-			
Silver	ND	0.25	"				-			
Barium	0.0432	0.25	"				-			J
Zinc	ND	2.5	"				-			
Selenium	ND	0.25	"				-			
Arsenic	ND	0.25	"				-			
Cadmium	ND	0.25	"				-			
Copper	0.148	0.25	"				-			J

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 Project: Koda Exploration-Misty

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L563789 -										
DUP (L 92024-DUP)			Source: 92024			Prepared: Analyzed: 07/15/2021				
Chromium, Hexavalent	ND	0.488	mg/Kg		92024		-	0	20	
MS (L 92024-MS)			Source: 92024			Prepared: Analyzed: 07/15/2021				
Chromium, Hexavalent	3.27	0.488	mg/Kg	7.76	92024	42	75-125			*
LCS (LCS)						Prepared: Analyzed: 07/15/2021				
Chromium, Hexavalent	7	0.244	mg/Kg	8		88	75-125			
LRB (LRB)						Prepared: Analyzed: 07/15/2021				
Chromium, Hexavalent	0.317	0.5	mg/Kg				-			J

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 Project: Koda Exploration-Misty

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562314 - 3550B

MSD (G 54115-MSD-L562314)		Source: 54115			Prepared: 07/07/2021 Analyzed: 07/07/2021					
Chrysene	0.133	0.000256	mg/Kg	0.167	<0.000256	79.6	30-130	2.2	30	
Dibenz(a,h)anthracene	0.0971	0.000279	"	0.167	<0.000279	58.1	30-130	6.2	30	
Fluoranthene	0.135	0.000529	"	0.167	<0.000529	80.8	30-130	2.2	30	
Fluorene	0.123	0.000501	"	0.167	<0.000501	73.6	30-130	5.8	30	
Naphthalene	0.106	0.000467	"	0.167	<0.000467	63.4	30-130	4.8	30	
Benzo(a)anthracene	0.118	0.000441	"	0.167	<0.000441	70.6	30-130	1.6	30	
Pyrene	0.126	0.000387	"	0.167	<0.000387	75.4	30-130	2.4	30	
Indeno(1,2,3-cd)pyrene	0.0911	0.000344	"	0.167	<0.000344	54.5	30-130	4.6	30	
Benzo(k)fluoranthene	0.119	0.000486	"	0.167	<0.000486	71.2	30-130	7.8	30	
Benzo(a)pyrene	0.13	0.000133	"	0.167	<0.000133	77.8	30-130	1.5	30	
Anthracene	0.136	0.000426	"	0.167	<0.000426	81.4	30-130	0	30	
Acenaphthene	0.115	0.000431	"	0.167	<0.000431	68.8	30-130	3.5	30	
2-Methylnaphthalene	0.105	0.000542	"	0.167	<0.000542	62.8	30-130	2.8	30	
1-Methylnaphthalene	0.11	0.00048	"	0.167	<0.000480	65.8	30-130	4.6	30	
Benzo(b)fluoranthene	0.0793	0.000138	"	0.167	<0.000138	47.4	30-130	6.6	30	
Surrogate: Nitrobenzene-d5	58.8		"	0.333	177	58.8	29-110			
Surrogate: 4-Terphenyl-d14	77.7		"	0.333	240	77.7	33-122			
Surrogate: 2-Fluorobiphenyl	65.4		"	0.333	186	65.4	33-115			

MS (G 54115-MS-L562314)		Source: 54115			Prepared: 07/07/2021 Analyzed: 07/07/2021					
1-Methylnaphthalene	0.105	0.00048	mg/Kg	0.165	<0.000480	63.6	30-130			
Acenaphthene	0.111	0.000431	"	0.165	<0.000431	67.2	30-130			
Indeno(1,2,3-cd)pyrene	0.087	0.000344	"	0.165	<0.000344	52.7	30-130			
2-Methylnaphthalene	0.102	0.000542	"	0.165	<0.000542	61.8	30-130			
Pyrene	0.123	0.000387	"	0.165	<0.000387	74.5	30-130			
Naphthalene	0.101	0.000467	"	0.165	<0.000467	61.2	30-130			
Fluorene	0.116	0.000501	"	0.165	<0.000501	70.3	30-130			

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Ryan Bruner
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 Project: Koda Exploration-Misty

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562314 - 3550B

MS (G 54115-MS-L562314)	Source: 54115			Prepared: 07/07/2021 Analyzed: 07/07/2021						
Fluoranthene	0.132	0.000529	mg/Kg	0.165	<0.000529	80	30-130			
Dibenz(a,h)anthracene	0.0912	0.000279	"	0.165	<0.000279	55.2	30-130			
Chrysene	0.136	0.000256	"	0.165	<0.000256	82.4	30-130			
Benzo(k)fluoranthene	0.11	0.000486	"	0.165	<0.000486	66.6	30-130			
Benzo(b)fluoranthene	0.0742	0.000138	"	0.165	<0.000138	44.9	30-130			
Benzo(a)pyrene	0.132	0.000133	"	0.165	<0.000133	80	30-130			
Benzo(a)anthracene	0.12	0.000441	"	0.165	<0.000441	72.7	30-130			
Anthracene	0.136	0.000426	"	0.165	<0.000426	82.4	30-130			
Surrogate: 4-Terphenyl-d14	79.6		"	0.33	240	79.6	33-122			
Surrogate: 2-Fluorobiphenyl	63.6		"	0.33	186	63.6	33-115			
Surrogate: Nitrobenzene-d5	57.5		"	0.33	177	57.5	29-110			

LCS (LCS-L562314)	Prepared: 07/07/2021 Analyzed: 07/07/2021									
Pyrene	0.119	0.000387	mg/Kg	0.167		71.2	30-130			
Benzo(a)pyrene	0.128	0.000133	"	0.167		76.6	30-130			
2-Methylnaphthalene	0.105	0.000542	"	0.167		62.8	30-130			
Acenaphthene	0.111	0.000431	"	0.167		66.4	30-130			
Anthracene	0.13	0.000426	"	0.167		77.8	30-130			
Benzo(a)anthracene	0.115	0.000441	"	0.167		68.8	30-130			
Benzo(b)fluoranthene	0.081	0.000138	"	0.167		48.5	30-130			
Benzo(k)fluoranthene	0.108	0.000486	"	0.167		64.6	30-130			
Dibenz(a,h)anthracene	0.0939	0.000279	"	0.167		56.2	30-130			
Fluorene	0.118	0.000501	"	0.167		70.6	30-130			
Indeno(1,2,3-cd)pyrene	0.0875	0.000344	"	0.167		52.3	30-130			
1-Methylnaphthalene	0.108	0.00048	"	0.167		64.6	30-130			
Chrysene	0.131	0.000256	"	0.167		78.4	30-130			
Naphthalene	0.105	0.000467	"	0.167		62.8	30-130			

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Ryan Bruner
 Project Number: [none]
 Project: Koda Exploration-Misty

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562314 - 3550B

LCS (LCS-L562314)

Prepared: 07/07/2021 Analyzed: 07/07/2021

Fluoranthene	0.128	0.000529	mg/Kg	0.167		76.6	30-130			
Surrogate: 2-Fluorobiphenyl	70.5		"	0.333		70.5	33-115			
Surrogate: 4-Terphenyl-d14	81.6		"	0.333		81.6	33-122			
Surrogate: Nitrobenzene-d5	63.3		"	0.333		63.3	29-110			

LRB (LRB-L562314)

Prepared: 07/07/2021 Analyzed: 07/07/2021

Dibenz(a,h)anthracene	ND	0.00067	mg/Kg				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	58.8		"	0.333		58.8	29-110			
Surrogate: 2-Fluorobiphenyl	68.4		"	0.333		68.4	33-115			
Surrogate: 4-Terphenyl-d14	74.7		"	0.333		74.7	33-122			

Batch L562485 - 3550B

MSD (L 95081-MSD-L562485)

Source: 95081

Prepared: 07/07/2021 Analyzed: 07/07/2021

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Ryan Bruner
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562485 - 3550B

MSD (L 95081-MSD-L562485)		Source: 95081			Prepared: 07/07/2021 Analyzed: 07/07/2021					
Benzo(a)anthracene	0.127	0.000441	mg/Kg	0.166	<0.000441	76.5	30-130	16.1	30	
Anthracene	0.128	0.000426	"	0.166	<0.000426	77.1	30-130	14.2	30	
Acenaphthene	0.111	0.000431	"	0.166	<0.000431	66.8	30-130	16.4	30	
2-Methylnaphthalene	0.111	0.000542	"	0.166	<0.000542	66.8	30-130	20.3	30	
1-Methylnaphthalene	0.111	0.00048	"	0.166	<0.000480	66.8	30-130	18.5	30	
Benzo(b)fluoranthene	0.123	0.000138	"	0.166	<0.000138	74	30-130	32.8	30	
Pyrene	0.124	0.000387	"	0.166	<0.000387	74.6	30-130	20.4	30	
Benzo(k)fluoranthene	0.112	0.000486	"	0.166	<0.000486	67.4	30-130	19.5	30	
Chrysene	0.14	0.000256	"	0.166	<0.000256	84.3	30-130	16.2	30	
Dibenz(a,h)anthracene	0.13	0.000279	"	0.166	<0.000279	78.3	30-130	37.4	30	
Fluoranthene	0.126	0.000529	"	0.166	<0.000529	75.9	30-130	17.2	30	
Fluorene	0.124	0.000501	"	0.166	<0.000501	74.6	30-130	16.5	30	
Indeno(1,2,3-cd)pyrene	0.12	0.000344	"	0.166	<0.000344	72.2	30-130	44.8	30	
Naphthalene	0.103	0.000467	"	0.166	<0.000467	62	30-130	19.6	30	
Benzo(a)pyrene	0.137	0.000133	"	0.166	<0.000133	82.5	30-130	15.7	30	
Surrogate: 4-Terphenyl-d14	65		"	0.332	193	65	33-122			
Surrogate: 2-Fluorobiphenyl	62.9		"	0.332	197	62.9	33-115			
Surrogate: Nitrobenzene-d5	68.6		"	0.332	222	68.6	29-110			

MS (L 95081-MS-L562485)		Source: 95081			Prepared: 07/07/2021 Analyzed: 07/07/2021					
Benzo(a)anthracene	0.108	0.000441	mg/Kg	0.166	<0.000441	65	30-130			
Anthracene	0.111	0.000426	"	0.166	<0.000426	66.8	30-130			
Acenaphthene	0.0941	0.000431	"	0.166	<0.000431	56.6	30-130			
2-Methylnaphthalene	0.0905	0.000542	"	0.166	<0.000542	54.5	30-130			
Benzo(a)pyrene	0.117	0.000133	"	0.166	<0.000133	70.4	30-130			
1-Methylnaphthalene	0.0922	0.00048	"	0.166	<0.000480	55.5	30-130			
Fluorene	0.105	0.000501	"	0.166	<0.000501	63.2	30-130			

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Ryan Bruner
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 Project: Koda Exploration-Misty

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562485 - 3550B

MS (L 95081-MS-L562485)	Source: 95081		Prepared: 07/07/2021 Analyzed: 07/07/2021							
Benzo(b)fluoranthene	0.0883	0.000138	mg/Kg	0.166	<0.000138	53.1	30-130			
Benzo(k)fluoranthene	0.0921	0.000486	"	0.166	<0.000486	55.4	30-130			
Chrysene	0.119	0.000256	"	0.166	<0.000256	71.6	30-130			
Fluoranthene	0.106	0.000529	"	0.166	<0.000529	63.8	30-130			
Indeno(1,2,3-cd)pyrene	0.076	0.000344	"	0.166	<0.000344	45.7	30-130			
Naphthalene	0.0846	0.000467	"	0.166	<0.000467	50.9	30-130			
Pyrene	0.101	0.000387	"	0.166	<0.000387	60.8	30-130			
Dibenz(a,h)anthracene	0.089	0.000279	"	0.166	<0.000279	53.6	30-130			
Surrogate: 4-Terphenyl-d14	55.7		"	0.332	193	55.7	33-122			
Surrogate: 2-Fluorobiphenyl	56.6		"	0.332	197	56.6	33-115			
Surrogate: Nitrobenzene-d5	59.9		"	0.332	222	59.9	29-110			

LCS (LCS-L562485)	Prepared: 07/07/2021 Analyzed: 07/07/2021									
Benzo(a)pyrene	0.113	0.000133	mg/Kg	0.167		67.6	30-130			
Benzo(k)fluoranthene	0.0827	0.000486	"	0.167		49.5	30-130			
Pyrene	0.104	0.000387	"	0.167		62.2	30-130			
1-Methylnaphthalene	0.112	0.00048	"	0.167		67	30-130			
2-Methylnaphthalene	0.111	0.000542	"	0.167		66.4	30-130			
Acenaphthene	0.105	0.000431	"	0.167		62.8	30-130			
Anthracene	0.115	0.000426	"	0.167		68.8	30-130			
Benzo(a)anthracene	0.109	0.000441	"	0.167		65.2	30-130			
Naphthalene	0.106	0.000467	"	0.167		63.4	30-130			
Benzo(b)fluoranthene	0.0823	0.000138	"	0.167		49.2	30-130			
Indeno(1,2,3-cd)pyrene	0.0661	0.000344	"	0.167		39.5	30-130			
Fluorene	0.114	0.000501	"	0.167		68.2	30-130			
Fluoranthene	0.107	0.000529	"	0.167		64	30-130			
Dibenz(a,h)anthracene	0.0771	0.000279	"	0.167		46.1	30-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562485 - 3550B

LCS (LCS-L562485)

Prepared: 07/07/2021 Analyzed: 07/07/2021

Chrysene	0.117	0.000256	mg/Kg	0.167		70	30-130			
Surrogate: 4-Terphenyl-d14	58.2		"	0.333		58.2	33-122			
Surrogate: 2-Fluorobiphenyl	66.6		"	0.333		66.6	33-115			
Surrogate: Nitrobenzene-d5	68.4		"	0.333		68.4	29-110			

LRB (LRB-L562485)

Prepared: 07/07/2021 Analyzed: 07/07/2021

Benzo(k)fluoranthene	ND	0.00067	mg/Kg				-			
Pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	63		"	0.333		63	29-110			
Surrogate: 4-Terphenyl-d14	60.3		"	0.333		60.3	33-122			
Surrogate: 2-Fluorobiphenyl	60.9		"	0.333		60.9	33-115			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

CDH Consulting
9446 Clermont St
Thornton CO 80229

Ryan Bruner
Project Number: [none]
Project: Koda Exploration-Misty

Notes and Definitions

U Sample is Non-Detect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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

J Estimated Value. Analyte below reported quantitation limit.

* QC Failure

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, Inc.



Jen Pellegrini, Project Manager

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