

May 26, 2021

Koda Exploration

Ryan Bruner

1515 Wynkoop St.

Denver CO 80202

Project Name - RF - 14 - 28

Project Number - [none]

Attached are your analytical results for RF - 14 - 28 received by Origins Laboratory, Inc. May 19, 2021. This project is associated with Origins project number Y105364-01.

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



Koda Exploration
1515 Wynkoop St.
Denver CO 80202

Ryan Bruner
Project Number: [none]
Project: RF - 14 - 28

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W01	Y105364-01	Soil	May 19, 2021 11:40	05/19/2021 15:08
N01	Y105364-02	Soil	May 19, 2021 11:57	05/19/2021 15:08
E01	Y105364-03	Soil	May 19, 2021 11:50	05/19/2021 15:08
S01	Y105364-04	Soil	May 19, 2021 11:45	05/19/2021 15:08
B01	Y105364-05	Soil	May 19, 2021 12:05	05/19/2021 15:08
C01	Y105364-06	Soil	May 19, 2021 12:08	05/19/2021 15:08
C02	Y105364-07	Soil	May 19, 2021 12:18	05/19/2021 15:08

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

www.originslaboratory.com

page of

Y105364

ORIGINS

LABORATORY, INC

Client: Koda Exploration
 Address: _____
 Project Manager: Ryan Bruner
 Project Name: RF - 14-28
 Telephone Number: 303-552-6763
 Project Number: _____
 Email Address: rbruner@cdhconsult.com
 Samples Collected By: Ryan Bruner

1725 Eik Place | Denver, CO 80211 | Phone: 303.433.1322 | Fx: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air/Sigma			Other
W01	5/19	11:40	3	X				X				1	
N01		11:57										2	
E01		11:50										3	
S01		11:45										4	
D01		12:05										5	
C01		12:08										6	
C02		12:18										7	
												8	
												9	
												10	

Relinquished By: <u>[Signature]</u>	Date: <u>5/19</u>	Time: <u>3:08</u>	Received By: <u>[Signature]</u>	Date: <u>5/19/21</u>	Time: <u>1508</u>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Turnaround Time:
 Some Day 24 Hr
 48 Hr 72 Hr
 Standard

Temp Received - 25.7 Date Results Needed

Origins Laboratory, Inc.

Jefe Pellegrini

Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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

Sample Receipt Checklist

Origins Work Order: Y105364 Client: Koda Exploration
 Client Project ID: RF-14-28

Checklist Completed by: JG Shipped Via: HS
 Date/time completed: 5/19/21 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1, 23.7 c _____ °C _____ °C (Describe)
 Thermometer ID: 7003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		<u>Same Day</u>
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by: JM (Project Manager) Date/Time Reviewed: 5-20-21

Origins Laboratory, Inc.

Jen Pellegrini

Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

W01

5/19/2021 11:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y105364-01 (Soil)

Boron (Sorbitol)

Boron	1.9			mg/L	1	[none]	05/20/2021	05/24/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	79.6		50.0	mg/kg	1	B1E2002	05/20/2021	05/24/2021	
Residual Range Organics (C28-C40)	212		200	"	"	"	"	"	

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

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1E2001	05/20/2021	05/20/2021	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	98.0 %		70-130			"	"	"	
Surrogate: Toluene-d8	90.6 %		70-130			"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
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 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

W01

5/19/2021 11:40:00AM

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

Origins Laboratory, Inc.
Y105364-01 (Soil)

GBTEX+TMBs

Surrogate: 4-Bromofluorobenzene	90.5 %		70-130			B1E20 01	05/20/2021	05/20/2021	
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Metals by Saturated Paste

Calcium	16.4			meq/L	1	[CALC]	05/20/2021	05/24/2021	
Magnesium	5.43			"	"	"	"	"	
Sodium	14.1			"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0048	0.0067	mg/Kg	10	L554282	05/20/2021	05/20/2021	
2-Methylnaphthalene	ND	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	ND	0.00133	0.0067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00138	0.0067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00486	0.0067	"	"	"	"	"	
Chrysene	ND	0.00256	0.0067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00279	0.0067	"	"	"	"	"	
Fluoranthene	ND	0.00529	0.0067	"	"	"	"	"	
Fluorene	ND	0.00501	0.0067	"	"	"	"	"	

Origins Laboratory, Inc.



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Koda Exploration
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

W01

5/19/2021 11:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-01 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00344	0.0067	mg/Kg	10	L554282	05/20/2021	05/20/2021	
Naphthalene	ND	0.00467	0.0067	"	"	"	"	"	
Pyrene	ND	0.00387	0.0067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	73.5 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	85.2 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	55.7 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.39			pH Units	1	B1E2109	05/21/2021	05/21/2021	
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SAR by 20B Saturated Paste

SAR	4.26			SAR	1	B1E2022	05/20/2021	05/24/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	3.17		0.00500	mmhos/cm	1	B1E2110	05/21/2021	05/21/2021	
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Total Metals by 6020B

Arsenic	4.39	0.0855	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
Barium	147	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

W01

5/19/2021 11:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-01 (Soil)

Total Metals by 6020B

Cadmium	0.202	0.0259	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	J
Copper	12.6	0.0806	0.25	"	"	"	"	"	
Lead	11	0.031	0.25	"	"	"	"	"	
Nickel	13.5	0.0633	0.25	"	"	"	"	"	
Selenium	0.569	0.103	0.25	"	"	"	"	"	
Silver	0.0452	0.0067	0.25	"	"	"	"	"	J
Zinc	50.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L554358	05/19/2021	05/21/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

N01

5/19/2021 11:57:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y105364-02 (Soil)

Boron (Sorbitol)

Boron	0.6			mg/L	1	[none]	05/20/2021	05/24/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1E2002	05/20/2021	05/24/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	80.4 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1E2001	05/20/2021	05/20/2021	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	94.7 %		70-130			"	"	"	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

N01

5/19/2021 11:57:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y105364-02 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	90.7 %		70-130			B1E20 01	05/20/2021	05/20/2021	
Surrogate: 4-Bromofluorobenzene	89.7 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	19.5			meq/L	1	[CALC]	05/20/2021	05/24/2021	
Magnesium	3.35			"	"	"	"	"	
Sodium	22.9			"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00048	0.00067	mg/Kg	1	L554282	05/20/2021	05/20/2021	
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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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

N01

5/19/2021 11:57:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-02 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000501	0.00067	mg/Kg	1	L554282	05/20/2021	05/20/2021	
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	66.7 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	70 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	53.3 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.47			pH Units	1	B1E2109	05/21/2021	05/21/2021	
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SAR by 20B Saturated Paste

SAR	6.76			SAR	1	B1E2022	05/20/2021	05/24/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	3.91		0.00500	mmhos/cm	1	B1E2110	05/21/2021	05/21/2021	
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Total Metals by 6020B

Arsenic	4.99	0.0855	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
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Origins Laboratory, Inc.



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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

N01

5/19/2021 11:57:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-02 (Soil)

Total Metals by 6020B

Barium	103	0.042	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
Cadmium	0.135	0.0259	0.25	"	"	"	"	"	J
Copper	8.49	0.0806	0.25	"	"	"	"	"	
Lead	8.27	0.031	0.25	"	"	"	"	"	
Nickel	8.79	0.0633	0.25	"	"	"	"	"	
Selenium	0.41	0.103	0.25	"	"	"	"	"	
Silver	0.024	0.0067	0.25	"	"	"	"	"	J
Zinc	35.4	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L554358	05/19/2021	05/21/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

E01

5/19/2021 11:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y105364-03 (Soil)

Boron (Sorbitol)

Boron	1.7			mg/L	1	[none]	05/20/2021	05/24/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1E2002	05/20/2021	05/24/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.0 %		50-150			"	"	"	
------------------------	--------	--	--------	--	--	---	---	---	--

GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1E2001	05/20/2021	05/20/2021	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	96.1 %		70-130			"	"	"	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

E01

5/19/2021 11:50:00AM

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

Origins Laboratory, Inc.
Y105364-03 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	90.4 %		70-130			B1E20 01	05/20/2021	05/20/2021	
Surrogate: 4-Bromofluorobenzene	90.2 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	22.0			meq/L	1	[CALC]	05/20/2021	05/24/2021	
Magnesium	9.43			"	"	"	"	"	
Sodium	20.6			"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00048	0.00067	mg/Kg	1	L554282	05/20/2021	05/20/2021	
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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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

E01

5/19/2021 11:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-03 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000501	0.00067	mg/Kg	1	L554282	05/20/2021	05/20/2021	
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	62.2 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	68 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	48.2 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.41			pH Units	1	B1E2109	05/21/2021	05/21/2021	
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SAR by 20B Saturated Paste

SAR	5.19			SAR	1	B1E2022	05/20/2021	05/24/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	4.32		0.00500	mmhos/cm	1	B1E2110	05/21/2021	05/21/2021	
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Total Metals by 6020B

Arsenic	5.56	0.0855	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

E01

5/19/2021 11:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-03 (Soil)

Total Metals by 6020B

Barium	153	0.042	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
Cadmium	0.243	0.0259	0.25	"	"	"	"	"	J
Copper	14.6	0.0806	0.25	"	"	"	"	"	
Lead	13.3	0.031	0.25	"	"	"	"	"	
Nickel	14.4	0.0633	0.25	"	"	"	"	"	
Selenium	0.637	0.103	0.25	"	"	"	"	"	
Silver	0.048	0.0067	0.25	"	"	"	"	"	J
Zinc	57.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L554359	05/19/2021	05/21/2021	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

S01

5/19/2021 11:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y105364-04 (Soil)

Boron (Sorbitol)

Boron	1.1			mg/L	1	[none]	05/20/2021	05/24/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1E2002	05/20/2021	05/24/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	82.2 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1E2001	05/20/2021	05/20/2021	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	98.0 %		70-130			"	"	"	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

S01

5/19/2021 11:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y105364-04 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	91.0 %		70-130			B1E20 01	05/20/2021	05/20/2021	
Surrogate: 4-Bromofluorobenzene	91.0 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	12.9			meq/L	1	[CALC]	05/20/2021	05/24/2021	
Magnesium	5.57			"	"	"	"	"	
Sodium	18.6			"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.0323	0.0048	0.0067	mg/Kg	10	L554282	05/20/2021	05/20/2021	
2-Methylnaphthalene	0.0279	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	ND	0.00133	0.0067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00138	0.0067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00486	0.0067	"	"	"	"	"	
Chrysene	ND	0.00256	0.0067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00279	0.0067	"	"	"	"	"	
Fluoranthene	ND	0.00529	0.0067	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

S01

5/19/2021 11:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-04 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00501	0.0067	mg/Kg	10	L554282	05/20/2021	05/20/2021	
Indeno(1,2,3-cd)pyrene	ND	0.00344	0.0067	"	"	"	"	"	
Naphthalene	0.0171	0.00467	0.0067	"	"	"	"	"	
Pyrene	ND	0.00387	0.0067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	65.3 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	78.2 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	50.5 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.52			pH Units	1	B1E2109	05/21/2021	05/21/2021	
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SAR by 20B Saturated Paste

SAR	6.12			SAR	1	B1E2022	05/20/2021	05/24/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	3.41		0.00500	mmhos/cm	1	B1E2110	05/21/2021	05/21/2021	
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Total Metals by 6020B

Arsenic	4.31	0.0855	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

S01

5/19/2021 11:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-04 (Soil)

Total Metals by 6020B

Barium	119	0.042	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
Cadmium	0.143	0.0259	0.25	"	"	"	"	"	J
Copper	11.6	0.0806	0.25	"	"	"	"	"	
Lead	11	0.031	0.25	"	"	"	"	"	
Nickel	12.2	0.0633	0.25	"	"	"	"	"	
Selenium	0.51	0.103	0.25	"	"	"	"	"	
Silver	0.0418	0.0067	0.25	"	"	"	"	"	J
Zinc	46.5	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L554359	05/19/2021	05/21/2021	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

B01

5/19/2021 12:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y105364-05 (Soil)

Boron (Sorbitol)

Boron	0.5			mg/L	1	[none]	05/20/2021	05/24/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1E2002	05/20/2021	05/24/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	86.6 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1E2001	05/20/2021	05/20/2021	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	95.9 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

B01

5/19/2021 12:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y105364-05 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	90.8 %		70-130			B1E20 01	05/20/2021	05/20/2021	
Surrogate: 4-Bromofluorobenzene	89.7 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	2.32			meq/L	1	[CALC]	05/20/2021	05/24/2021	
Magnesium	0.844			"	"	"	"	"	
Sodium	7.18			"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00048	0.00067	mg/Kg	1	L554282	05/20/2021	05/20/2021	
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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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

B01

5/19/2021 12:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-05 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000501	0.00067	mg/Kg	1	L554282	05/20/2021	05/20/2021	
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	70 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	74.5 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	55.6 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.60			pH Units	1	B1E2109	05/21/2021	05/21/2021	
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SAR by 20B Saturated Paste

SAR	5.71			SAR	1	B1E2022	05/20/2021	05/24/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	1.16		0.00500	mmhos/cm	1	B1E2110	05/21/2021	05/21/2021	
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Total Metals by 6020B

Arsenic	3.26	0.0855	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

B01

5/19/2021 12:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-05 (Soil)

Total Metals by 6020B

Barium	89.5	0.042	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
Cadmium	0.108	0.0259	0.25	"	"	"	"	"	J
Copper	5.67	0.0806	0.25	"	"	"	"	"	
Lead	5.86	0.031	0.25	"	"	"	"	"	
Nickel	5.97	0.0633	0.25	"	"	"	"	"	
Selenium	0.358	0.103	0.25	"	"	"	"	"	
Silver	0.0191	0.0067	0.25	"	"	"	"	"	J
Zinc	21.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L554359	05/19/2021	05/21/2021	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C01

5/19/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y105364-06 (Soil)

Boron (Sorbitol)

Boron	1.7			mg/L	1	[none]	05/20/2021	05/24/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1E2002	05/20/2021	05/24/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	80.0 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1E2001	05/20/2021	05/20/2021	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	99.4 %		70-130			"	"	"	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C01

5/19/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y105364-06 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	90.4 %		70-130			B1E20 01	05/20/2021	05/20/2021	
Surrogate: 4-Bromofluorobenzene	90.6 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	8.67			meq/L	1	[CALC]	05/20/2021	05/24/2021	
Magnesium	4.79			"	"	"	"	"	
Sodium	19.4			"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.0326	0.0024	0.00335	mg/Kg	5	L554697	05/24/2021	05/24/2021	
2-Methylnaphthalene	0.044	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	0.00116	0.000665	0.00335	"	"	"	"	"	J
Benzo(b)fluoranthene	ND	0.00069	0.00335	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00243	0.00335	"	"	"	"	"	
Chrysene	0.00255	0.00128	0.00335	"	"	"	"	"	J
Dibenz(a,h)anthracene	ND	0.0014	0.00335	"	"	"	"	"	
Fluoranthene	ND	0.00265	0.00335	"	"	"	"	"	
Fluorene	0.00466	0.00251	0.00335	"	"	"	"	"	

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Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C01

5/19/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-06 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00172	0.00335	mg/Kg	5	L554697	05/24/2021	05/24/2021	
Naphthalene	0.0187	0.00234	0.00335	"	"	"	"	"	
Pyrene	ND	0.00194	0.00335	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	64.5 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	72.8 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	64.5 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	7.55			pH Units	1	B1E2109	05/21/2021	05/21/2021	
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SAR by 20B Saturated Paste

SAR	7.48			SAR	1	B1E2022	05/20/2021	05/24/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	3.18		0.00500	mmhos/cm	1	B1E2110	05/21/2021	05/21/2021	
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Total Metals by 6020B

Arsenic	4.55	0.0855	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
Barium	145	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C01

5/19/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-06 (Soil)

Total Metals by 6020B

Cadmium	0.244	0.0259	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	J
Copper	16.5	0.0806	0.25	"	"	"	"	"	
Lead	12	0.031	0.25	"	"	"	"	"	
Nickel	18.5	0.0633	0.25	"	"	"	"	"	
Selenium	1.04	0.103	0.25	"	"	"	"	"	
Silver	0.148	0.0067	0.25	"	"	"	"	"	J
Zinc	58.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L554359	05/19/2021	05/21/2021	
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Koda Exploration
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C02

5/19/2021 12:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y105364-07 (Soil)

Boron (Sorbitol)

Boron	2.8			mg/L	1	[none]	05/20/2021	05/24/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		50.0	mg/kg	1	B1E2002	05/20/2021	05/24/2021	U
Residual Range Organics (C28-C40)	ND		200	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.1 %		50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B1E2001	05/20/2021	05/21/2021	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	0.00258		0.00200	"	"	"	"	"	
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	0.00338		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	128 %		70-130			"	"	"	
Surrogate: Toluene-d8	90.6 %		70-130			"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C02

5/19/2021 12:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y105364-07 (Soil)

GBTEX+TMBs

Surrogate: 4-Bromofluorobenzene	98.3 %		70-130			B1E20 01	05/20/2021	05/21/2021	
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Metals by Saturated Paste

Calcium	7.30			meq/L	1	[CALC]	05/20/2021	05/24/2021	
Magnesium	1.43			"	"	"	"	"	
Sodium	53.8			"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.01	0.0024	0.00335	mg/Kg	5	L554697	05/24/2021	05/24/2021	
2-Methylnaphthalene	0.00625	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	0.00106	0.000665	0.00335	"	"	"	"	"	J
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	"	"	"	"	"	
Fluorene	ND	0.00251	0.00335	"	"	"	"	"	

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C02

5/19/2021 12:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-07 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00172	0.00335	mg/Kg	5	L554697	05/24/2021	05/24/2021	
Naphthalene	0.00303	0.00234	0.00335	"	"	"	"	"	J
Pyrene	0.00243	0.00194	0.00335	"	"	"	"	"	J

Surrogate: 2-Fluorobiphenyl	72.2 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	80.1 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	72.2 %		29-110			"	"	"	

pH in Soil by EPA 9045D

pH	8.03			pH Units	1	B1E2109	05/21/2021	05/21/2021	
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SAR by 20B Saturated Paste

SAR	25.7			SAR	1	B1E2022	05/20/2021	05/24/2021	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	6.03		0.00500	mmhos/cm	1	B1E2110	05/21/2021	05/21/2021	
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Total Metals by 6020B

Arsenic	5.6	0.0855	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	
Barium	153	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

C02

5/19/2021 12:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y105364-07 (Soil)

Total Metals by 6020B

Cadmium	0.153	0.0259	0.25	mg/Kg	5	L554526	05/21/2021	05/24/2021	J
Copper	19.3	0.0806	0.25	"	"	"	"	"	
Lead	13.1	0.031	0.25	"	"	"	"	"	
Nickel	22	0.0633	0.25	"	"	"	"	"	
Selenium	0.702	0.103	0.25	"	"	"	"	"	
Silver	0.0666	0.0067	0.25	"	"	"	"	"	J
Zinc	71.5	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L554359	05/19/2021	05/21/2021	
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Koda Exploration
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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 B1E2001 - EPA 5030 (soil)

Blank (B1E2001-BLK1)

Prepared: 05/20/2021 Analyzed: 05/20/2021

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.0100	"							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	95.3		70-130			
Surrogate: Toluene-d8	0.11		"	0.125	91.7		70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125	90.9		70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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 B1E2001 - EPA 5030 (soil)

LCS (B1E2001-BS1)

Prepared: 05/20/2021 Analyzed: 05/20/2021

1,2,4-Trimethylbenzene	0.0496	0.00200	mg/kg	0.0500		99.3	70-130			
Naphthalene	0.0506	0.0100	"	0.0500		101	70-130			
1,3,5-Trimethylbenzene	0.0491	0.00200	"	0.0500		98.1	70-130			
Benzene	0.0517	0.00200	"	0.0500		103	70-130			
Ethylbenzene	0.0461	0.00200	"	0.0500		92.3	70-130			
m,p-Xylene	0.0928	0.00400	"	0.100		92.8	70-130			
o-Xylene	0.0476	0.00200	"	0.0500		95.1	70-130			
Toluene	0.0475	0.00200	"	0.0500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		90.6	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.3	70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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 B1E2001 - EPA 5030 (soil)

Matrix Spike (B1E2001-MS1)	Source: Y105327-01			Prepared: 05/20/2021 Analyzed: 05/20/2021						
1,2,4-Trimethylbenzene	0.0493	0.00200	mg/kg	0.0500	ND	98.6	70-130			
Naphthalene	0.0532	0.0100	"	0.0500	0.00240	102	70-130			
1,3,5-Trimethylbenzene	0.0480	0.00200	"	0.0500	ND	96.0	70-130			
Benzene	0.0498	0.00200	"	0.0500	ND	99.5	70-130			
Ethylbenzene	0.0443	0.00200	"	0.0500	ND	88.7	70-130			
m,p-Xylene	0.0901	0.00400	"	0.100	0.000540	89.6	70-130			
o-Xylene	0.0466	0.00200	"	0.0500	ND	93.3	70-130			
Toluene	0.0452	0.00200	"	0.0500	ND	90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.7	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		90.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.6	70-130			

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Koda Exploration
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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 B1E2001 - EPA 5030 (soil)

Matrix Spike Dup (B1E2001-MSD1)	Source: Y105327-01			Prepared: 05/20/2021 Analyzed: 05/20/2021						
1,2,4-Trimethylbenzene	0.0510	0.00200	mg/kg	0.0500	ND	102	70-130	3.35	20	
Naphthalene	0.0589	0.0100	"	0.0500	0.00240	113	70-130	10.2	20	
1,3,5-Trimethylbenzene	0.0499	0.00200	"	0.0500	ND	99.7	70-130	3.84	20	
Benzene	0.0532	0.00200	"	0.0500	ND	106	70-130	6.76	20	
Ethylbenzene	0.0463	0.00200	"	0.0500	ND	92.6	70-130	4.37	20	
m,p-Xylene	0.0938	0.00400	"	0.100	0.000540	93.3	70-130	4.00	20	
o-Xylene	0.0486	0.00200	"	0.0500	ND	97.2	70-130	4.16	20	
Toluene	0.0479	0.00200	"	0.0500	ND	95.8	70-130	5.71	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.7	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		90.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.9	70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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 B1E2002 - EPA 3550B										
Blank (B1E2002-BLK1)										
					Prepared: 05/20/2021 Analyzed: 05/20/2021					
Diesel (C10-C28)	ND	50.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	200	"							U
Surrogate: o-Terphenyl	42		"	50.0		83.3	50-150			

Origins Laboratory, Inc.



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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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 B1E2002 - EPA 3550B

LCS (B1E2002-BS1)

Prepared: 05/20/2021 Analyzed: 05/20/2021

Diesel (C10-C28)	862	50.0	mg/kg	1000		86.2	70-130			
Residual Range Organics (C28-C40)	829	200	"	1000		82.9	70-130			
Surrogate: o-Terphenyl	46		"	50.0		91.5	50-150			

Origins Laboratory, Inc.



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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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 B1E2002 - EPA 3550B

Matrix Spike (B1E2002-MS1)	Source: Y105363-01			Prepared: 05/20/2021 Analyzed: 05/20/2021						
Diesel (C10-C28)	889	50.0	mg/kg	1000	ND	88.9	70-130			
Residual Range Organics (C28-C40)	852	200	"	1000	54.0	79.8	70-130			
Surrogate: o-Terphenyl	44		"	50.0		87.7	50-150			

Origins Laboratory, Inc.



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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1E2002 - EPA 3550B										
Matrix Spike Dup (B1E2002-MSD1)		Source: Y105363-01			Prepared: 05/20/2021 Analyzed: 05/20/2021					
Diesel (C10-C28)	930	50.0	mg/kg	1000	ND	93.0	70-130	4.45	35	
Residual Range Organics (C28-C40)	888	200	"	1000	54.0	83.4	70-130	4.15	35	
Surrogate: o-Terphenyl	48		"	50.0		95.9	50-150			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Koda Exploration
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L554282 - 3550B

MSD (L 87397-MSD-L554282)		Source: 87397			Prepared: 05/20/2021 Analyzed: 05/20/2021					
Anthracene	0.11	0.000426	mg/Kg	0.166	<0.000426	66.2	30-130	1.8	30	
Fluorene	0.104	0.000501	"	0.166	<0.000501	62.6	30-130	4.6	30	
Fluoranthene	0.119	0.000529	"	0.166	0.00132	70.8	30-130	2.4	30	
Dibenz(a,h)anthracene	0.116	0.000279	"	0.166	<0.000279	69.8	30-130	1.7	30	
Chrysene	0.111	0.000256	"	0.166	0.0012	66.1	30-130	5.2	30	
Benzo(k)fluoranthene	0.107	0.000486	"	0.166	0.000531	64.4	30-130	6.3	30	
Benzo(b)fluoranthene	0.109	0.000138	"	0.166	0.00144	64.7	30-130	0.9	30	
Pyrene	0.12	0.000387	"	0.166	0.00164	71.3	30-130	2.4	30	
Benzo(a)anthracene	0.107	0.000441	"	0.166	0.000544	64.4	30-130	4.5	30	
Acenaphthene	0.0996	0.000431	"	0.166	<0.000431	60	30-130	2.3	30	
2-Methylnaphthalene	0.0966	0.000542	"	0.166	<0.000542	58.1	30-130	2.1	30	
1-Methylnaphthalene	0.101	0.00048	"	0.166	<0.000480	60.8	30-130	0.9	30	
Benzo(a)pyrene	0.114	0.000133	"	0.166	0.00108	68	30-130	4.2	30	
Indeno(1,2,3-cd)pyrene	0.126	0.000344	"	0.166	0.000986	75.3	30-130	3.2	30	
Naphthalene	0.0953	0.000467	"	0.166	<0.000467	57.4	30-130	0.5	30	

Surrogate: Nitrobenzene-d5 48.9 " 0.331 158 48.9 29-110
 Surrogate: 4-Terphenyl-d14 69.1 " 0.331 204 69.1 33-122
 Surrogate: 2-Fluorobiphenyl 65.5 " 0.331 194 65.5 33-115

MS (L 87397-MS-L554282)		Source: 87397			Prepared: 05/20/2021 Analyzed: 05/20/2021					
2-Methylnaphthalene	0.0987	0.000542	mg/Kg	0.166	<0.000542	59.4	30-130			
Benzo(k)fluoranthene	0.114	0.000486	"	0.166	0.000531	68.6	30-130			
Pyrene	0.123	0.000387	"	0.166	0.00164	73.1	30-130			
Naphthalene	0.0958	0.000467	"	0.166	<0.000467	57.7	30-130			
Benzo(b)fluoranthene	0.108	0.000138	"	0.166	0.00144	64.1	30-130			
Benzo(a)pyrene	0.119	0.000133	"	0.166	0.00108	71	30-130			
Benzo(a)anthracene	0.112	0.000441	"	0.166	0.000544	67.4	30-130			

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L554282 - 3550B

MS (L 87397-MS-L554282)	Source: 87397		Prepared: 05/20/2021 Analyzed: 05/20/2021							
Anthracene	0.112	0.000426	mg/Kg	0.166	<0.000426	67.4	30-130			
1-Methylnaphthalene	0.102	0.00048	"	0.166	<0.000480	61.4	30-130			
Dibenz(a,h)anthracene	0.114	0.000279	"	0.166	<0.000279	68.6	30-130			
Fluoranthene	0.122	0.000529	"	0.166	0.00132	72.6	30-130			
Fluorene	0.109	0.000501	"	0.166	<0.000501	65.6	30-130			
Indeno(1,2,3-cd)pyrene	0.122	0.000344	"	0.166	0.000986	72.9	30-130			
Chrysene	0.117	0.000256	"	0.166	0.0012	69.7	30-130			
Acenaphthene	0.102	0.000431	"	0.166	<0.000431	61.4	30-130			
Surrogate: 4-Terphenyl-d14	69.1		"	0.331	204	69.1	33-122			
Surrogate: 2-Fluorobiphenyl	67.9		"	0.331	194	67.9	33-115			
Surrogate: Nitrobenzene-d5	51		"	0.331	158	51	29-110			

LCS (LCS-L554282)	Prepared: 05/20/2021 Analyzed: 05/20/2021									
Fluoranthene	0.124	0.000529	mg/Kg	0.167		74.2	30-130			
1-Methylnaphthalene	0.112	0.00048	"	0.167		67	30-130			
Naphthalene	0.106	0.000467	"	0.167		63.4	30-130			
Fluorene	0.116	0.000501	"	0.167		69.4	30-130			
Pyrene	0.125	0.000387	"	0.167		74.8	30-130			
Dibenz(a,h)anthracene	0.118	0.000279	"	0.167		70.6	30-130			
Chrysene	0.126	0.000256	"	0.167		75.4	30-130			
2-Methylnaphthalene	0.107	0.000542	"	0.167		64	30-130			
Benzo(b)fluoranthene	0.118	0.000138	"	0.167		70.6	30-130			
Benzo(a)pyrene	0.13	0.000133	"	0.167		77.8	30-130			
Benzo(a)anthracene	0.121	0.000441	"	0.167		72.4	30-130			
Anthracene	0.121	0.000426	"	0.167		72.4	30-130			
Acenaphthene	0.11	0.000431	"	0.167		65.8	30-130			
Benzo(k)fluoranthene	0.113	0.000486	"	0.167		67.6	30-130			

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L554282 - 3550B

LCS (LCS-L554282)

Prepared: 05/20/2021 Analyzed: 05/20/2021

Indeno(1,2,3-cd)pyrene	0.128	0.000344	mg/Kg	0.167		76.6	30-130			
Surrogate: 2-Fluorobiphenyl	77.7		"	0.333		77.7	33-115			
Surrogate: Nitrobenzene-d5	60.6		"	0.333		60.6	29-110			
Surrogate: 4-Terphenyl-d14	76.2		"	0.333		76.2	33-122			

LRB (LRB-L554282)

Prepared: 05/20/2021 Analyzed: 05/20/2021

Benzo(b)fluoranthene	ND	0.00067	mg/Kg				-			
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	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Surrogate: 4-Terphenyl-d14	77.4		"	0.333		77.4	33-122			
Surrogate: 2-Fluorobiphenyl	71.4		"	0.333		71.4	33-115			
Surrogate: Nitrobenzene-d5	59.7		"	0.333		59.7	29-110			

Batch L554697 - 3550B

MSD (L 88173-MSD-L554697)

Source: 88173

Prepared: 05/24/2021 Analyzed: 05/24/2021

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Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L554697 - 3550B

MSD (L 88173-MSD-L554697)		Source: 88173			Prepared: 05/24/2021 Analyzed: 05/24/2021					
Benzo(a)anthracene	0.152	0.00221	mg/Kg	0.163	0.0221	79.6	30-130	0	30	
Dibenz(a,h)anthracene	0.111	0.0014	"	0.163	0.0032	68	30-130	0.9	30	
Pyrene	0.139	0.00194	"	0.163	0.0304	66.6	30-130	2.1	30	
Naphthalene	0.104	0.00234	"	0.163	<0.00234	63.8	30-130	10	30	
Indeno(1,2,3-cd)pyrene	0.103	0.00172	"	0.163	0.0116	56	30-130	0	30	
Fluoranthene	0.146	0.00265	"	0.163	0.0321	69.8	30-130	0	30	
Chrysene	0.129	0.00128	"	0.163	0.0208	66.3	30-130	1.5	30	
Benzo(k)fluoranthene	0.0775	0.00243	"	0.163	0.00929	41.8	30-130	16.3	30	
Benzo(b)fluoranthene	0.0913	0.00069	"	0.163	0.0295	37.9	30-130	4.9	30	
1-Methylnaphthalene	0.116	0.0024	"	0.163	<0.00240	71.1	30-130	9	30	
Fluorene	0.119	0.00251	"	0.163	<0.00251	73	30-130	6.5	30	
Acenaphthene	0.11	0.00216	"	0.163	<0.00216	67.4	30-130	7.8	30	
Benzo(a)pyrene	0.146	0.000665	"	0.163	0.0227	75.6	30-130	0	30	
2-Methylnaphthalene	0.117	0.00271	"	0.163	<0.00271	71.7	30-130	8.9	30	
Anthracene	0.122	0.00213	"	0.163	<0.00213	74.8	30-130	4.8	30	

Surrogate: Nitrobenzene-d5	61.6	"	0.326	205	61.6	29-110			
Surrogate: 2-Fluorobiphenyl	63.1	"	0.326	208	63.1	33-115			
Surrogate: 4-Terphenyl-d14	73.9	"	0.326	239	73.9	33-122			

MS (L 88173-MS-L554697)		Source: 88173			Prepared: 05/24/2021 Analyzed: 05/24/2021					
Benzo(b)fluoranthene	0.0869	0.00069	mg/Kg	0.167	0.0295	34.3	30-130			
Pyrene	0.142	0.00194	"	0.167	0.0304	66.8	30-130			
Indeno(1,2,3-cd)pyrene	0.103	0.00172	"	0.167	0.0116	54.7	30-130			
Fluorene	0.127	0.00251	"	0.167	<0.00251	76	30-130			
Fluoranthene	0.146	0.00265	"	0.167	0.0321	68.2	30-130			
Dibenz(a,h)anthracene	0.11	0.0014	"	0.167	0.0032	65.8	30-130			
Chrysene	0.131	0.00128	"	0.167	0.0208	65.9	30-130			

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Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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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 L554697 - 3550B

MS (L 88173-MS-L554697)	Source: 88173			Prepared: 05/24/2021 Analyzed: 05/24/2021						
Benzo(k)fluoranthene	0.0913	0.00243	mg/Kg	0.167	0.00929	49.1	30-130			
Naphthalene	0.115	0.00234	"	0.167	<0.00234	68.8	30-130			
Benzo(a)anthracene	0.152	0.00221	"	0.167	0.0221	77.7	30-130			
Anthracene	0.128	0.00213	"	0.167	<0.00213	76.6	30-130			
Acenaphthene	0.119	0.00216	"	0.167	<0.00216	71.2	30-130			
2-Methylnaphthalene	0.128	0.00271	"	0.167	<0.00271	76.6	30-130			
Benzo(a)pyrene	0.146	0.000665	"	0.167	0.0227	73.8	30-130			
1-Methylnaphthalene	0.127	0.0024	"	0.167	<0.00240	76	30-130			
Surrogate: Nitrobenzene-d5	64.2		"	0.333	205	64.2	29-110			
Surrogate: 4-Terphenyl-d14	74.7		"	0.333	239	74.7	33-122			
Surrogate: 2-Fluorobiphenyl	65.4		"	0.333	208	65.4	33-115			

LCS (LCS-L554697)	Prepared: 05/24/2021 Analyzed: 05/24/2021									
Fluorene	0.119	0.000501	mg/Kg	0.167		71.2	30-130			
Anthracene	0.121	0.000426	"	0.167		72.4	30-130			
Benzo(a)anthracene	0.135	0.000441	"	0.167		80.8	30-130			
Benzo(a)pyrene	0.137	0.000133	"	0.167		82	30-130			
Benzo(b)fluoranthene	0.0989	0.000138	"	0.167		59.2	30-130			
Benzo(k)fluoranthene	0.0973	0.000486	"	0.167		58.2	30-130			
Chrysene	0.124	0.000256	"	0.167		74.2	30-130			
1-Methylnaphthalene	0.114	0.00048	"	0.167		68.2	30-130			
Fluoranthene	0.128	0.000529	"	0.167		76.6	30-130			
2-Methylnaphthalene	0.116	0.000542	"	0.167		69.4	30-130			
Indeno(1,2,3-cd)pyrene	0.114	0.000344	"	0.167		68.2	30-130			
Naphthalene	0.11	0.000467	"	0.167		65.8	30-130			
Pyrene	0.124	0.000387	"	0.167		74.2	30-130			
Dibenz(a,h)anthracene	0.125	0.000279	"	0.167		74.8	30-130			

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Jen Pellegrini, Project Manager

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Koda Exploration
 1515 Wynkoop St.
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Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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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 L554697 - 3550B

LCS (LCS-L554697)

Prepared: 05/24/2021 Analyzed: 05/24/2021

Acenaphthene	0.113	0.000431	mg/Kg	0.167		67.6	30-130			
Surrogate: 2-Fluorobiphenyl	71.4		"	0.333		71.4	33-115			
Surrogate: 4-Terphenyl-d14	78.9		"	0.333		78.9	33-122			
Surrogate: Nitrobenzene-d5	69.9		"	0.333		69.9	29-110			

LRB (LRB-L554697)

Prepared: 05/24/2021 Analyzed: 05/24/2021

Dibenz(a,h)anthracene	ND	0.00067	mg/Kg				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Surrogate: 4-Terphenyl-d14	73.2		"	0.333		73.2	33-122			
Surrogate: 2-Fluorobiphenyl	64.5		"	0.333		64.5	33-115			
Surrogate: Nitrobenzene-d5	63.6		"	0.333		63.6	29-110			

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

Total Metals by 6020B - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L554526 - 3050B

MSD (L 87361-MSD-L554526)		Source: 87361			Prepared: 05/21/2021 Analyzed: 05/25/2021					
Zinc	129	1.07	mg/Kg	23.9	95.6	140	75-125	2.3	80	*
Silver	0.425	0.0067	"	0.478	0.0325	89	75-125	2.7	80	
Selenium	4.19	0.103	"	4.78	0.312	81	75-125	3.5	80	
Nickel	12.8	0.127	"	2.39	9.03	158	75-125	5.6	80	*
Cadmium	1.05	0.0259	"	0.478	0.499	115	75-125	0	80	
Copper	26.3	0.161	"	2.39	22.7	151	75-125	8.3	80	*
Arsenic	4.01	0.0855	"	2.39	1.69	97	75-125	1.7	80	
Barium	122	0.085	"	4.78	106	335	75-125	0.8	80	*
Lead	10.2	0.062	"	2.39	7.76	102	75-125	5.7	80	

MS (L 87361-MS-L554526)		Source: 87361			Prepared: 05/21/2021 Analyzed: 05/24/2021					
Silver	0.437	0.0067	mg/Kg	0.482	0.0325	91	75-125			
Zinc	126	1.07	"	24.1	95.6	126	75-125			*
Copper	24.2	0.161	"	2.41	22.7	62	75-125			*
Arsenic	3.94	0.0855	"	2.41	1.69	93	75-125			
Cadmium	1.05	0.0259	"	0.482	0.499	114	75-125			
Selenium	4.34	0.103	"	4.82	0.312	84	75-125			
Lead	10.8	0.062	"	2.41	7.76	126	75-125			*
Nickel	12.1	0.127	"	2.41	9.03	127	75-125			*
Barium	121	0.085	"	4.82	106	311	75-125			*

LCS (LCS-L554526)		Prepared: 05/21/2021 Analyzed: 05/24/2021								
Arsenic	2.34	0.0855	mg/Kg	2.5		94	80-120			
Barium	4.69	0.042	"	5		94	80-120			
Cadmium	0.477	0.0259	"	0.5		95	80-120			
Copper	2.37	0.0806	"	2.5		95	80-120			
Lead	2.32	0.031	"	2.5		93	80-120			

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

Total Metals by 6020B - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L554526 - 3050B

LCS (LCS-L554526)

Prepared: 05/21/2021 Analyzed: 05/24/2021

Nickel	2.32	0.0633	mg/Kg	2.5		93	80-120			
Selenium	4.94	0.103	"	5		99	80-120			
Silver	0.421	0.0067	"	0.5		84	80-120			
Zinc	23.3	0.534	"	25		93	80-120			

LRB (LRB-L554526)

Prepared: 05/21/2021 Analyzed: 05/24/2021

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

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Ryan Bruner
 Project Number: [none]
 Project: RF - 14 - 28

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L554358 -										
DUP (L 87490-DUP)		Source: 87490			Prepared: Analyzed: 05/21/2021					
Chromium, Hexavalent	ND	0.244	mg/Kg		<0.500		-	0	20	
MS (L 87490-MS)		Source: 87490			Prepared: Analyzed: 05/21/2021					
Chromium, Hexavalent	7.33	0.244	mg/Kg	8	<0.244	92	75-125			
Batch L554359 -										
DUP (L 87389-DUP)		Source: Y105364-03			Prepared: Analyzed: 05/21/2021					
Chromium, Hexavalent	ND	0.244	mg/Kg		<0.500		-	0	20	
MS (L 87389-MS)		Source: Y105364-03			Prepared: Analyzed: 05/21/2021					
Chromium, Hexavalent	6.35	0.244	mg/Kg	7.85	<0.244	81	75-125			
LCS (LCS)					Prepared: Analyzed: 05/21/2021					
Chromium, Hexavalent	7.09	0.244	mg/Kg	8		89	75-125			
LRB (LRB)					Prepared: Analyzed: 05/21/2021					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

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Koda Exploration
1515 Wynkoop St.
Denver CO 80202

Ryan Bruner
Project Number: [none]
Project: RF - 14 - 28

Notes and Definitions

- U Sample is Non-Detect.
- 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

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.