

November 05, 2021

Koda Exploration

Chris Del Hierro

1515 Wynkoop St.

Denver

CO 80202

Project Name - Misty 2-7 Pit

Project Number - [none]

Attached are your analytical results for Misty 2-7 Pit received by Origins Laboratory, Inc. October 29, 2021. This project is associated with Origins project number Y110645-01.

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

Chris Del Hierro
Project Number: [none]
Project: Misty 2-7 Pit

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG-2'	Y110645-01	Soil	October 28, 2021 11:00	10/29/2021 07:15
BG-4'	Y110645-02	Soil	October 28, 2021 11:05	10/29/2021 07:15
BG-6'	Y110645-03	Soil	October 28, 2021 11:10	10/29/2021 07:15
BG-8'	Y110645-04	Soil	October 28, 2021 11:20	10/29/2021 07:15
BG-4-7'	Y110645-05	Soil	October 28, 2021 11:15	10/29/2021 07:15
South 3-4'-7'	Y110645-06	Soil	October 28, 2021 11:45	10/29/2021 07:15
East 3-4'-7'	Y110645-07	Soil	October 28, 2021 12:25	10/29/2021 07:15
North 3-4'-7'	Y110645-08	Soil	October 28, 2021 13:00	10/29/2021 07:15
West 3-4'-7'	Y110645-09	Soil	October 28, 2021 14:00	10/29/2021 07:15

Origins Laboratory, Inc.



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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit



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page 1 of 1

Client: KODA Resources
 Address: 1515 Wynkoop Street Suite 850
Denver CO 80202
 Telephone Number: (571) 251-2314
 Email Address: enata@codkconsult.com

Project Manager: Chris Del Hierro
 Project Name: Misty 2-7 Pit
 Project Number: _____
 Samples Collected By: Elizabeth Niles

Fax: 303.265.9645 | Phone: 303.433.1322

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	EC		SAR
BG-2'	10/29/21	1100	1					X				X		
BG-4'		1105										X		
BG-6'		1110										X		
BG-8'		1120										X		
BG-4'-7'		1145										X		
Soil 43-4'-7'		1145										X		
East 3-4'-7'		1225										X		
North 3-4'-7'		1300										X		
West 3-4'-7'		1400										X		
Relinquished By: <u>Jordan A Merrill</u>	Date: <u>10-29-21</u>	Time: <u>0715</u>	Received By: <u>[Signature]</u>	Date: <u>10/29/21</u>	Time: <u>0715</u>	Turnaround Time: <input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> Standard								

Temp Received: 3.0 Date Results Needed

Origins Laboratory, Inc.

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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

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


Sample Receipt Checklist

Origins Work Order: Y110645 Client: Koda
 Client Project ID: Misty 2-7 Pit
 Checklist Completed by: JG Shipped Via: HS
 Date/time completed: 10/29/21 (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 13.0 °C 1 °C 1 °C (Describe) °C
 Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ^{(1)?}	<input checked="" type="checkbox"/>			
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) JG Date/Time Reviewed 11/1/21

Origins Laboratory, Inc.


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Koda Exploration
1515 Wynkoop St.
Denver CO 80202

Chris Del Hierro
Project Number: [none]
Project: Misty 2-7 Pit

BG-2'

10/28/2021 11:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-01 (Soil)

Metals by Saturated Paste

Calcium	4.33	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021
Magnesium	2.69	0.823	"	"	"	KAP	"	"
Sodium	20.3	0.435	"	"	"	KAP	"	"

SAR by 20B Saturated Paste

SAR	10.8		SAR	1	B1K0111	KAP	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.66	0.00500	mmhos/cm	1	B1K0114	ACC	11/01/2021	11/02/2021
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Origins Laboratory, Inc.



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Koda Exploration
1515 Wynkoop St.
Denver CO 80202

Chris Del Hierro
Project Number: [none]
Project: Misty 2-7 Pit

BG-4'

10/28/2021 11:05:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-02 (Soil)

Metals by Saturated Paste

Calcium	22.9	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021
Magnesium	10.6	0.823	"	"	"	KAP	"	"
Sodium	32.7	0.435	"	"	"	KAP	"	"

SAR by 20B Saturated Paste

SAR	8.00		SAR	1	B1K0111	KAP	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.33	0.00500	mmhos/cm	1	B1K0114	ACC	11/01/2021	11/02/2021
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Origins Laboratory, Inc.



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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

BG-6'

10/28/2021 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-03 (Soil)

Metals by Saturated Paste

Calcium	22.8	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021	
Magnesium	10.8	0.823	"	"	"	KAP	"	"	
Sodium	31.5	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	7.70		SAR	1	B1K0111	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.26	0.00500	mmhos/cm	1	B1K0114	ACC	11/01/2021	11/02/2021	
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Origins Laboratory, Inc.



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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

BG-8'

10/28/2021 11:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-04 (Soil)

Metals by Saturated Paste

Calcium	22.8	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021	
Magnesium	11.7	0.823	"	"	"	KAP	"	"	
Sodium	30.7	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	7.38		SAR	1	B1K0111	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.24	0.00500	mmhos/cm	1	B1K0114	ACC	11/01/2021	11/02/2021	
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Origins Laboratory, Inc.



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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

BG-4-7'

10/28/2021 11:15:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-05 (Soil)

Metals by Saturated Paste

Calcium	23.3	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021	
Magnesium	11.5	0.823	"	"	"	KAP	"	"	
Sodium	34.7	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	8.32		SAR	1	B1K0111	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.63	0.00500	mmhos/cm	1	B1K0114	ACC	11/01/2021	11/02/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

South 3-4'-7'
10/28/2021 11:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-06 (Soil)

Metals by Saturated Paste

Calcium	14.1	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021
Magnesium	14.3	0.823	"	"	"	KAP	"	"
Sodium	38.7	0.435	"	"	"	KAP	"	"

SAR by 20B Saturated Paste

SAR	10.3		SAR	1	B1K0111	KAP	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.85	0.00500	mmhos/cm	1	B1K0116	ACC	11/01/2021	11/02/2021
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Origins Laboratory, Inc.



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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

East 3-4'-7'

10/28/2021 12:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-07 (Soil)

Metals by Saturated Paste

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	13.4	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	18.7		SAR	1	B1K0111	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.28	0.00500	mmhos/cm	1	B1K0116	ACC	11/01/2021	11/02/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

North 3-4'-7'

10/28/2021 1:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-08 (Soil)

Metals by Saturated Paste

Calcium	21.2	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021
Magnesium	19.0	0.823	"	"	"	KAP	"	"
Sodium	64.5	0.435	"	"	"	KAP	"	"

SAR by 20B Saturated Paste

SAR	14.4		SAR	1	B1K0111	KAP	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.25	0.00500	mmhos/cm	1	B1K0116	ACC	11/01/2021	11/02/2021
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 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

West 3-4'-7'

10/28/2021 2:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110645-09 (Soil)

Metals by Saturated Paste

Calcium	20.7	0.499	meq/L	10	[CALC]	KAP	11/01/2021	11/02/2021
Magnesium	20.4	0.823	"	"	"	KAP	"	"
Sodium	67.9	0.435	"	"	"	KAP	"	"

SAR by 20B Saturated Paste

SAR	15.0		SAR	1	B1K0111	KAP	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.59	0.00500	mmhos/cm	1	B1K0116	ACC	11/01/2021	11/02/2021
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

Chris Del Hierro
 Project Number: [none]
 Project: Misty 2-7 Pit

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1K0114 - NO PREP										
Blank (B1K0114-BLK1)					Prepared: 11/01/2021 Analyzed: 11/02/2021					
Specific Conductance (EC)	0.000900	0.00500	mmhos/cm							
Duplicate (B1K0114-DUP1)		Source: Y110645-05			Prepared: 11/01/2021 Analyzed: 11/02/2021					
Specific Conductance (EC)	5.76	0.00500	mmhos/cm		5.63			2.24	25	
Batch B1K0116 - NO PREP										
Blank (B1K0116-BLK1)					Prepared: 11/01/2021 Analyzed: 11/02/2021					
Specific Conductance (EC)	0.00180	0.00500	mmhos/cm							
Duplicate (B1K0116-DUP1)		Source: Y111003-04			Prepared: 11/01/2021 Analyzed: 11/02/2021					
Specific Conductance (EC)	2.97	0.00500	mmhos/cm		2.75			7.50	25	

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Koda Exploration
1515 Wynkoop St.
Denver CO 80202

Chris Del Hierro
Project Number: [none]
Project: Misty 2-7 Pit

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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