

December 10, 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 Y111224-01.

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
South 3-2'	Y111224-01	Soil	October 28, 2021 11:35	10/29/2021 07:15
South 3-4'	Y111224-02	Soil	October 28, 2021 11:40	10/29/2021 07:15
South 3-8'	Y111224-03	Soil	October 28, 2021 11:50	10/29/2021 07:15
East 3-4'	Y111224-04	Soil	October 28, 2021 12:15	10/29/2021 07:15
East 3-8'	Y111224-05	Soil	October 28, 2021 12:30	10/29/2021 07:15
West 4-4'-7'	Y111224-10	Soil	October 28, 2021 14:40	10/29/2021 07:15
North 4-4'-7'	Y111224-13	Soil	October 28, 2021 15:10	10/29/2021 07:15
East 4-4'-7'	Y111224-16	Soil	October 28, 2021 15:40	10/29/2021 07:15
Top of Spoils	Y111224-19	Soil	October 28, 2021 16:00	10/29/2021 07:15

The SAR for sample South 3-2' was recalculated and the results have been re-issued due to a program error. The new results have been confirmed and an NCM has been issued with the re-issued report. JM

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, INC

www.originslaboratory.com

Y111224

page 2 of 2

Client: KOD A Resources
 Address: 1515 Wynkoop Street Suite 650
 Denver CO 80202
 Telephone Number: (571) 251-2314
 Email Address: Chris.DelHierro@originslab.com

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

Fax: 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 Summa	Canister #	Other		SAR	EC		
10/28/20 West 4-4'	10/28/20	1425	1	X				X									
West 4-8'		1445															
West 4-4-7'		1510															
West 4-4'		1455															
West 4-8'		1515															
East 4-4-7'		1540															
East 4-4'		1525															
East 4-8'		1545															
Top of Spills		1600															
Relinquished by: <i>[Signature]</i>	Date: 10.29.21	Time: 0715															
Relinquished by: <i>[Signature]</i>	Date:	Time:															

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

Temp Received: 2

Origins Laboratory, Inc.

[Signature]

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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

Origins Work Order: Y111224 **Sample Receipt Checklist**

Client: Koda
 Client Project ID: Misty 2-7 Pit

Checklist Completed by: Jm
 Date/time completed: 11-12-21
 Shipped Via: HO
 Airbill #: 1111
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

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

Cooler Number/Temperature: 1 / 3 °C _____ °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"/>			
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)				
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 analysis 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 Na ₂ O 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 (Project Manager) Jm 11/12/21
Date/Time Reviewed

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

South 3-2'
10/28/2021 11:35:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111224-01 (Soil)

Metals by Saturated Paste

Calcium	2.16	0.499	meq/L	10	[CALC]	KAP	11/11/2021	11/12/2021	
Magnesium	2.68	0.823	"	"	"	KAP	"	"	
Sodium	19.6	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	12.6		SAR	1	B1K1106	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.41	0.00500	mmhos/cm	1	B1K1107	ACC	11/11/2021	11/12/2021	
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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

South 3-4'

10/28/2021 11:40:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111224-02 (Soil)

Metals by Saturated Paste

Calcium	15.1	0.499	meq/L	10	[CALC]	KAP	11/11/2021	11/12/2021
Magnesium	14.7	0.823	"	"	"	KAP	"	"
Sodium	37.5	0.435	"	"	"	KAP	"	"

SAR by 20B Saturated Paste

SAR	9.72		SAR	1	B1K1106	KAP	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.41	0.00500	mmhos/cm	1	B1K1107	ACC	11/11/2021	11/12/2021
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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

South 3-8'

10/28/2021 11:50:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111224-03 (Soil)

Metals by Saturated Paste

Calcium	15.5	0.499	meq/L	10	[CALC]	KAP	11/11/2021	11/12/2021	
Magnesium	14.3	0.823	"	"	"	KAP	"	"	
Sodium	36.8	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	9.52		SAR	1	B1K1106	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.35	0.00500	mmhos/cm	1	B1K1107	ACC	11/11/2021	11/12/2021	
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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'

10/28/2021 12:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111224-04 (Soil)

Metals by Saturated Paste

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	11/18/2021	11/19/2021	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	4.55	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	23.5		SAR	1	B1K1805	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.385	0.00500	mmhos/cm	1	B1K1807	ACC	11/18/2021	11/19/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

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

East 3-8'

10/28/2021 12:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111224-05 (Soil)

Metals by Saturated Paste

Calcium	0.699	0.499	meq/L	10	[CALC]	KAP	11/18/2021	11/19/2021	
Magnesium	1.28	0.823	"	"	"	KAP	"	"	
Sodium	18.6	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	18.7		SAR	1	B1K1805	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.96	0.00500	mmhos/cm	1	B1K1807	ACC	11/18/2021	11/19/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

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

West 4-4'-7'

10/28/2021 2:40:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111224-10 (Soil)

Metals by Saturated Paste

Calcium	19.5	0.499	meq/L	10	[CALC]	KAP	11/11/2021	11/12/2021	
Magnesium	19.9	0.823	"	"	"	KAP	"	"	
Sodium	76.4	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	17.2		SAR	1	B1K1114	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	9.11	0.00500	mmhos/cm	1	B1K1107	ACC	11/11/2021	11/12/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

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

North 4-4'-7'
 10/28/2021 3:10:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y111224-13 (Soil)

Metals by Saturated Paste

Calcium	14.7	0.499	meq/L	10	[CALC]	KAP	11/11/2021	11/12/2021	
Magnesium	14.8	0.823	"	"	"	KAP	"	"	
Sodium	57.2	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	14.9		SAR	1	B1K1114	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	6.94	0.00500	mmhos/cm	1	B1K1107	ACC	11/11/2021	11/12/2021	
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Koda Exploration
 1515 Wynkoop St.
 Denver CO 80202

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

East 4-4'-7'

10/28/2021 3:40:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y111224-16 (Soil)

Metals by Saturated Paste

Calcium	21.6	0.499	meq/L	10	[CALC]	KAP	12/03/2021	12/06/2021	
Magnesium	27.1	0.823	"	"	"	KAP	"	"	
Sodium	72.3	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	14.7		SAR	1	B1L0305	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	9.09	0.00500	mmhos/cm	1	B1L0312	ACC	12/03/2021	12/06/2021	
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 Denver CO 80202

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

Top of Spoils
10/28/2021 4:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111224-19 (Soil)

Metals by Saturated Paste

Calcium	20.8	0.499	meq/L	10	[CALC]	KAP	11/11/2021	11/12/2021	
Magnesium	19.7	0.823	"	"	"	KAP	"	"	
Sodium	58.7	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	13.0		SAR	1	B1K1114	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.76	0.00500	mmhos/cm	1	B1K1107	ACC	11/11/2021	11/12/2021	
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 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 B1K1107 - NO PREP										
Blank (B1K1107-BLK1)					Prepared: 11/11/2021 Analyzed: 11/12/2021					
Specific Conductance (EC)	0.00120	0.00500	mmhos/cm							
Duplicate (B1K1107-DUP1)		Source: Y111230-01			Prepared: 11/11/2021 Analyzed: 11/12/2021					
Specific Conductance (EC)	1.02	0.00500	mmhos/cm		1.04			1.44	25	
Batch B1K1807 - NO PREP										
Blank (B1K1807-BLK1)					Prepared: 11/18/2021 Analyzed: 11/19/2021					
Specific Conductance (EC)	0.00260	0.00500	mmhos/cm							
Duplicate (B1K1807-DUP1)		Source: Y111350-03			Prepared: 11/18/2021 Analyzed: 11/19/2021					
Specific Conductance (EC)	1.62	0.00500	mmhos/cm		1.54			4.86	25	
Batch B1L0312 - NO PREP										
Blank (B1L0312-BLK1)					Prepared: 12/03/2021 Analyzed: 12/06/2021					
Specific Conductance (EC)	0.00100	0.00500	mmhos/cm							
Duplicate (B1L0312-DUP1)		Source: Y112079-01			Prepared: 12/03/2021 Analyzed: 12/06/2021					
Specific Conductance (EC)	7.41	0.00500	mmhos/cm		8.89			18.2	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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