

November 01, 2021

**Koda Exploration**

**Chris Del Hierro**

**1515 Wynkoop St.**

**Denver**

**CO 80202**

**Project Name - Misty Pit**

**Project Number - [none]**

Attached are your analytical results for Misty Pit received by Origins Laboratory, Inc. October 08, 2021. This project is associated with Origins project number Y110368-01.

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 Pit

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
North-2	Y110368-01	Soil	October 8, 2021 9:45	10/08/2021 16:08
West-2	Y110368-02	Soil	October 8, 2021 10:30	10/08/2021 16:08
South-2	Y110368-03	Soil	October 8, 2021 11:15	10/08/2021 16:08
East-2	Y110368-04	Soil	October 8, 2021 11:50	10/08/2021 16:08

Per the email from Elizabeth on 10/29/21, the following sample IDs were updated. JEP

- East-2 -> North-2
- North-2 -> West-2
- West-2 -> South-2
- South-2 -> East-2

Origins Laboratory, Inc.



*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.*

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit



4110388

www.originslaboratory.com

page 1 of 1

Client: KODA Resources  
 Address: 1515 Wynkoop Street  
 Project Manager: Chris Del Hierro  
 Project Name: Misty Pit  
 Project Number: \_\_\_\_\_  
 Samples Collected by: Elizabeth Nakagawa  
 Telephone Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air/Surface	Other	MC		SAX
East-2	10/8/21	0945	1					X					hold	1
North-2		1030												2
West-2		1115												3
South-2		1150												4
South-1A		1145												5
South-2A		1145												6
PH01		1200												7
PH01A		1205												8
PH01B		1215												9
														10

*Handwritten notes:*  
 SAMPLES EN ROUTE TO TOLSON OFFICE  
 HOLD PER EPI/CALIFORNIA  
 10/18/21

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

Temp Received: 8.1 Date Results Needed: \_\_\_\_\_

Origins Laboratory, Inc.

*Jefe Pellegrini*

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.

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y110368

Client: Koda

Client Project ID: Misty Pit

Checklist Completed by: JG

Shipped Via: HS

Date/time completed: 10/16/21

(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 18.1 °C \_\_\_\_\_ °C \_\_\_\_\_ °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 <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		<u>Some 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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<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 <sup>(1)</sup> ? (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 <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>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

Date/Time Reviewed 10-19-21

Origins Laboratory, Inc.

*Jefe Pellegrini*

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.

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit

**North-2**

**10/8/2021 9:45:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y110368-01 (Soil)**

**Metals by Saturated Paste**

Calcium	19.2	0.499	meq/L	10	[CALC]	KAP	10/18/2021	10/19/2021	
Magnesium	18.2	0.823	"	"	"	KAP	"	"	
Sodium	59.4	0.435	"	"	"	KAP	"	"	

**SAR by 20B Saturated Paste**

SAR	13.7		SAR	1	B1J1811	KAP	"	"	
-----	------	--	-----	---	---------	-----	---	---	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	8.48	0.00500	mmhos/cm	1	B1J1825	AHK	10/18/2021	10/19/2021	
---------------------------	------	---------	----------	---	---------	-----	------------	------------	--

Origins Laboratory, Inc.



*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.*

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit

**West-2**

**10/8/2021 10:30:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y110368-02 (Soil)**

**Metals by Saturated Paste**

Calcium	17.7	0.499	meq/L	10	[CALC]	KAP	10/18/2021	10/19/2021	
Magnesium	18.9	0.823	"	"	"	KAP	"	"	
Sodium	64.1	0.435	"	"	"	KAP	"	"	

**SAR by 20B Saturated Paste**

SAR	15.0		SAR	1	B1J1811	KAP	"	"	
-----	------	--	-----	---	---------	-----	---	---	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	9.19	0.00500	mmhos/cm	1	B1J1825	AHK	10/18/2021	10/19/2021	
---------------------------	------	---------	----------	---	---------	-----	------------	------------	--

Origins Laboratory, Inc.



*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.*

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit

**South-2**

**10/8/2021 11:15:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

**Origins Laboratory, Inc.  
 Y110368-03 (Soil)**

**Metals by Saturated Paste**

Calcium	18.4	0.499	meq/L	10	[CALC]	KAP	10/18/2021	10/19/2021	
Magnesium	17.6	0.823	"	"	"	KAP	"	"	
Sodium	46.3	0.435	"	"	"	KAP	"	"	

**SAR by 20B Saturated Paste**

SAR	10.9		SAR	1	B1J1811	KAP	"	"	
-----	------	--	-----	---	---------	-----	---	---	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	7.30	0.00500	mmhos/cm	1	B1J1825	AHK	10/18/2021	10/19/2021	
---------------------------	------	---------	----------	---	---------	-----	------------	------------	--

Origins Laboratory, Inc.



*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.*

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit

**East-2**

**10/8/2021 11:50:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y110368-04 (Soil)**

**Metals by Saturated Paste**

Calcium	3.79	0.499	meq/L	10	[CALC]	KAP	10/18/2021	10/19/2021	
Magnesium	5.38	0.823	"	"	"	KAP	"	"	
Sodium	36.1	0.435	"	"	"	KAP	"	"	

**SAR by 20B Saturated Paste**

SAR	16.9		SAR	1	B1J1811	KAP	"	"	
-----	------	--	-----	---	---------	-----	---	---	--

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	4.72	0.00500	mmhos/cm	1	B1J1825	AHK	10/18/2021	10/19/2021	
---------------------------	------	---------	----------	---	---------	-----	------------	------------	--

Origins Laboratory, Inc.



*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.*

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B1J1811 - Default Prep Metals**

**Blank (B1J1811-BLK1)**

Prepared: 10/18/2021 Analyzed: 10/20/2021

SAR	0.00		SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							

Origins Laboratory, Inc.



*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.*

Jen Pellegrini, Project Manager

Koda Exploration  
 1515 Wynkoop St.  
 Denver CO 80202

Chris Del Hierro  
 Project Number: [none]  
 Project: Misty Pit

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B1J1825 - NO PREP</b>										
<b>Blank (B1J1825-BLK1)</b>					Prepared: 10/18/2021 Analyzed: 10/19/2021					
Specific Conductance (EC)	0.00240	0.00500	mmhos/cm							
<b>Duplicate (B1J1825-DUP1)</b>		<b>Source: Y110368-01</b>			Prepared: 10/18/2021 Analyzed: 10/19/2021					
Specific Conductance (EC)	9.07	0.00500	mmhos/cm		8.48			6.77	25	

Origins Laboratory, Inc.



*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.*

Jen Pellegrini, Project Manager

Koda Exploration  
1515 Wynkoop St.  
Denver CO 80202

Chris Del Hierro  
Project Number: [none]  
Project: Misty 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.



*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.*

---

Jen Pellegrini, Project Manager