



CDH Consulting, LLC
Thornton, Colorado
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Drilling Pit Delineation Activity and Site Reclamation Work Plan:

WHP Misty 2-7 Drilling Pit
Project #17970

Prepared For:

Koda Exploration, LLC
Denver, CO

Prepared By:

CDH Consulting
Thornton, CO

Prepared On:

December 29, 2021



Mr. Jason Kosola
Colorado Oil and Gas Conservation Commission
1120 Lincoln St, Suite 801
Denver, CO 80203

Subject: Drilling Pit Delineation Activity and Site Reclamation Work Plan
WHP Misty 2-7 Location ID# 477611
Project #17970

Dear Mr. Kosola,

Koda Exploration, LLC (Koda) has contracted CDH Consulting (CDH) to perform soil assessment and reclamation planning services at the above referenced location. As part of that assessment CDH has drafted this document in response to the Conditions of Approval (COAs) added to the Colorado Oil and Gas Conservation Commission (COGCC) Site Investigation and Remediation Workplan, Form 27 (document #402757836) approved by your office on October 1, 2021. The COAs are listed below and Koda's responses to the COAs are more fully explained in this document.

- Facility Closure Supplemental Report Timing: A supplemental Form 27 must be submitted within 90 days of the completion of this environmental investigation
- Operator shall further delineate the inorganic exceedances found in pit. Operator shall provide a map defining extent of inorganic exceedances on Form 27 Subsequent.
- Per Rule 913.d.(2) Operator shall submit a Supplemental Form 27 with an updated Implementation Schedule at least 14 days in advance of any schedule changes.

SOIL SAMPLING AND DELINEATION CONDUCTED

As stated in the previous Form 27 (document # 402760714), drill cuttings samples collected in July 2021 exceeded Table 915-1 standard of <6 for SAR but were only slightly above SAR levels of the samples collected from the bottom of the pit in October 2020 prior to pit use. October 2020 background SAR levels ranged from 11.23 – 14.71 (13.3 avg) while the seven cutting samples ranged from 14.5 - 19.7 (16.1 avg). EC levels from cuttings samples collected in July 2021 indicated cuttings exceedances above Table 915-1 and above background, which more recently determined to be unusable for background EC as explained further below. Sample locations are illustrated on Figure 1. Note that prior lab data and analytical summaries were submitted with previous Form 27s. This Form 27 includes only EC and SAR laboratory analytical reports from data not previously submitted, as well as a summary of all EC and SAR data to date, in order to address the most recent COAs.

In accordance with the previously approved plan, CDH collected additional soil samples adjacent to the pit to demonstrate whether EC and SAR exceedances extend beyond the pit boundary, and to what extent. On October 8, 2021, eight composite samples were collected, four at approximately 3 feet out and four at approximately 6' out from the midpoint of each pit wall, in each of the four cardinal



directions. (Note that sample naming convention was revised after submittal to properly relate to prior sample locations.) Each sample represents a 4-part composite of soil from depths of 4', 5', 6' and 7' bgs, well below the typical root zone (5' bgs being the shallowest cuttings burial depth and 7' bgs being the deepest cuttings burial if the location were to remain as currently graded. However, once the location is returned to original grade and cuttings are sloped with the pit as illustrated in Figure 2, the cuttings will be buried at least 8' bgs). These samples were analyzed for EC and SAR, the only constituents that exceeded Table 915-1 in the original pit cuttings samples for which COGCC applied a COA.

Upon receipt of laboratory analytical for the 3' step-out composite samples, it appeared that EC results from the October 8, 2021 samples were approximately ten (10) times higher than the original October 2020 baseline pit samples, on average. As a result, the 6' step-out samples were also analyzed, and they too showed higher than expected EC results.

Upon further correspondence with the laboratory on November 12, 2021, it was determined that the original, October 2020 pre-cuttings pit sample EC analysis was conducted utilizing the standard probe method for Electrical Conductivity (EC) in accordance with COGCC-approved laboratory methods in place at the time of the baseline samples, per COGCC Table 910-1. Since that time, COGCC has modified Soil Suitability for Reclamation requirements in accordance with Table 915-1, specifically requiring that, "Soil suitability thresholds for electrical conductivity ("EC"), pH, and sodium adsorption ratio ("SAR") in soils are based on use of saturated paste preparation methods, followed by analysis." Further, the laboratory stated that the latest method required for EC analysis consistently yields EC numbers ten times greater than the previously approved method when conducted side by side. Therefore, the initial pre-cuttings pit EC analysis conducted with the October 2020 samples is incomparable with the latest analyses.

In order to secure a more robust sample set, additional background soil samples were collected from several vertical intervals at graduated spacing outside of the pit. Samples at 36', 60', 66' and 135' outside of the pit walls, as well as a sample of the excavated spoils pile representing material from the base of the excavation, were collected on October 28, 2021.

Based on the attached figures and sample result tables, SAR and EC levels are consistently greater than Table 915-1 thresholds across the site; SAR and EC levels have been fully delineated. Step out sample analysis indicates that cuttings EC and SAR levels are only slightly greater than background and natural EC and SAR and appear to be variable based on depth below original grade and results are difficult to trend, possibly due to difficulty in obtaining good samples for analyses in such a shale environment. Further, cuttings will be buried well below the root zone for local vegetation and will remain at least eight (8) feet below surface after recontouring to original grade. CDH requests approval of final pit closure with cuttings remaining in site.

BACKFILL MATERIAL VOLUME

Approximately 2,593 cubic yards of clean, native fill will be utilized to backfill the pit.



BACKGROUND SOIL ANALYSIS FROM UNDISTURBED LANDS

As described above and in the attached laboratory analytical results, numerous background soil samples were collected and analyzed for EC and SAR. Results indicate that EC and SAR are consistently higher than Table 915-1 thresholds and increase with depth.

Prior to determining that laboratory EC analysis preparation methods had been revised, the appearance of significantly elevated EC levels in the cuttings caused the operator to conduct additional site investigation collecting background soil samples at progressively increasing distances from the pit. Additionally, samples of the material excavated during the construction of the pit, or spoils piles (SP) were sampled on October 28, 2021, to procure EC and SAR levels representative of pre-drill soil conditions for the purpose of evaluating EC using the newly required method.

Discrete and composite samples collected from 36 feet or greater beyond a pit sidewall are presented as background (BG) samples.

LOCATION OF NEAREST RECEPTORS

The nearest cultural features are the property line 800' away, the county road at 2,034' away, and the above ground utility lines at 2,100' away. No other cultural features are within one mile of the location.

During the COGCC 2A (Doc #402149379) permitting process the depth to groundwater was identified at 18' bgs. This depth was based on a water well (permit #35537) which was drilled and sampled in October 1968 and is located approximately 2,965' away from WHP Misty 2-7. As noted in more detail below, upon drilling the WHP Misty 2-7 surface hole, no freshwater was encountered from surface to the TD of 488' bgs. This is consistent with the overall topography of the site. In addition, the landowner has reported a significant drop in the ground water level on his land since the subject water well was permitted in 1968. The nearest downgradient surface water feature is located 255' northwest of the site.

At the request of the landowner, an open-hole log (resistivity, gamma ray, SP) was run from surface to 488' bgs on November 5, 2020, after drilling of the surface hole, to identify any potential shallow groundwater. Surface hole was drilled and completed by a local water well/surface-hole drilling company with over 30-years of experience. Drilling was monitored by a licensed Professional Geologist with 20+ years of experience. Additionally, during the drilling operations the Geologist collected cuttings samples every 5' to identify any sign of sand grains/pea gravel that would indicate porosity and be conducive to containing shallow groundwater. WHP Misty 2-7 was spud in the Pierre Shale and both the driller and Geologist were confident that at this location there are no shallow (0 – 488') sand/higher porosity zones or aquifers present. This information was provided to the landowner. The log was recently submitted via a Form 4 Sundry (Doc # 402814992).

REVEGETATION TECHNIQUE

After backfilling the drilling pit, recontouring will take place followed by approximately 8-12" of topsoil being spread. A drill seeder will reseed the area to be reclaimed with the landowner approved seed mix. The seed will be covered with straw and a temporary cover crop will be planted to retain moisture and encourage plant growth.



SITE STABILIZATION PLAN

The area to be reclaimed is not steep enough to warrant additional BMPs. However, the drill seeded area will be furrowed perpendicular to the slope to assist in reducing wind erosion. This will mitigate any potential run-on or run-off issues with the reclaimed area. Stormwater and other routine site inspections will continue until the site has been achieved revegetation satisfactory to COGCC.

SEED MIXTURE

The following seed mixture will be used to reclaim the site with a cover crop (Monida oats) to provide erosion and weed control as well as provide moisture retention until the seed mixture can take hold. The oats will die off naturally after 1-2 seasons. The seed mixture was recommended and approved by the landowner.

- 50% blue grama
- 30% sideoats grama
- 20% buffalo grass

TIMING

Upon COGCC approval the pit will be closed as soon as possible, but no later than February 5, 2022, weather permitting. Well plugging and abandonment (P&A) forms have been submitted under separate cover. Operator intends to conduct well P&A activities from March 1-4, 2022, pending the availability of a rig. After all P&A activities have been completed, the site will be recontoured to match pre-construction conditions as closely as possible. After recontouring has been completed, the stockpiled topsoil will be uniformly distributed across the disturbed area, and re-seeding will occur within the next appropriate reseeding window. Operator is currently to conduct all reclamation activities by April 4, 2022.

CONCLUSION and FINAL CLOSURE

Background SAR and EC laboratory analysis indicates that EC and SAR are naturally high and inconsistent across the site and vary with depth and material type. Drill cuttings EC and SAR levels are within acceptable ranges compared to background.

Koda respectfully requests the COGCC allow burial of pit cuttings in exceedance of Table 915-1 standards for EC and SAR at least 8' below ground surface (bgs) given relatively high background EC and SAR levels along with significant depth of burial below local vegetation root zones.

The final laboratory analytical data including summary tables and site figure showing sample locations are attached. All other analytes are in compliance with Table 915-1 or are in line with background levels. The landowner has requested that the pit be closed as soon as possible.

FIGURE 1

Figure 1 - Location Plat and Sample Locations

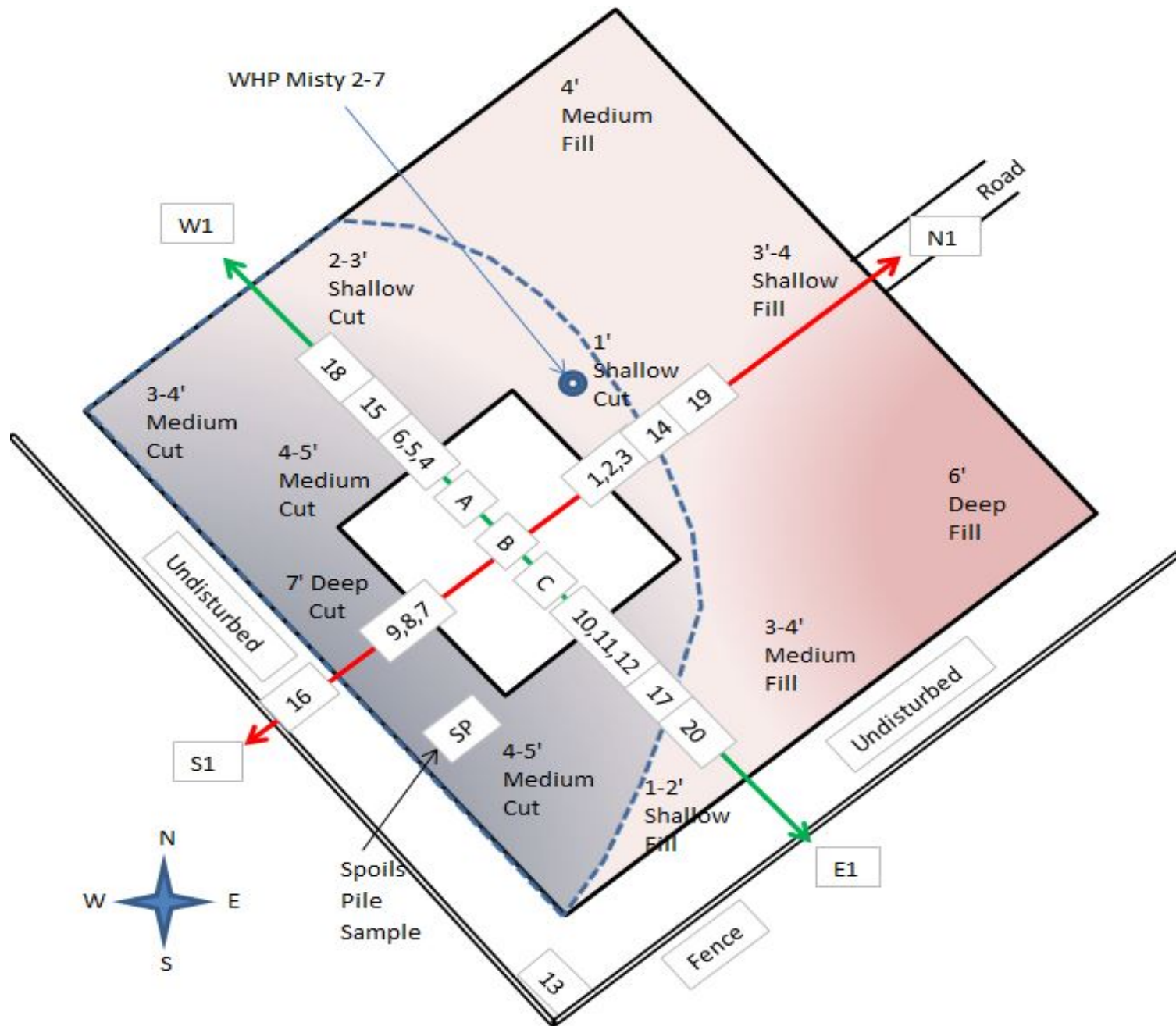


FIGURE 2

Figure 2 - WHP Misty 2-7 Cross-Section Illustrations

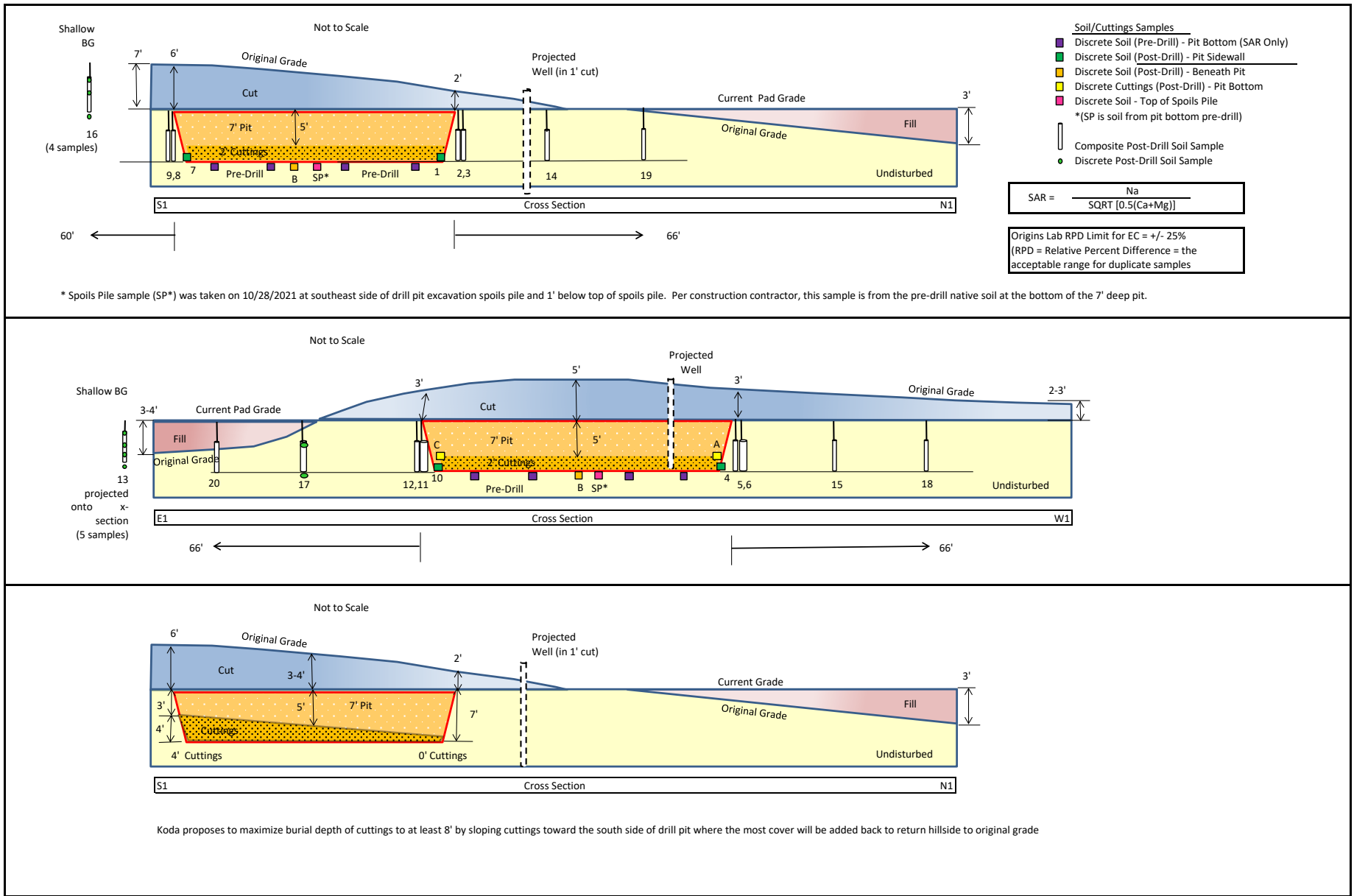


TABLE 1

SAR and EC Sample Descriptions and Data Summary

Location Plat Sample ID	Sample Date	Origins Lab Sample ID	Approx sample depth (ft) below (-) original grade	Approx sample depth (ft) above (+) or below (-) current grade	Sample description	COGCC Table 915-1:						
						Ca (meq/L)	Mg (meq/L)	Na (meq/L)	SAR<6		EC<4	
									SAR (Calc)	EC (mmhos/cm) [2021 wet paste prep method]	EC** (mmhos/cm) [2020 probe method]	
Pit	10/29/2020	SS01	-9 to -13	-7	Deep BG: Discrete pit bottom	2.07	2.30	19.93	13.48		0.375	
	10/29/2020	SS02	-9 to -13	-7	Deep BG: Discrete pit bottom	15.09	16.05	44.30	11.23		0.635	
	10/29/2020	SS03	-9 to -13	-7	Deep BG: Discrete pit bottom	6.57	8.36	37.28	13.64		0.868	
	10/29/2020	SS04	-9 to -13	-7	Deep BG: Discrete pit bottom	5.67	7.35	37.53	14.71		0.661	
SP*	10/28/2021	Top of Spoils	-9 to -13*	-7*	Deep BG: top of spoils pile = pit bottom*	20.8	19.7	58.7	13.0	7.76		
13	10/28/2021	BG-2'	-2	-1	Discrete BG: 135' outside of SE corner of pit	4.33	2.69	20.3	10.8	2.66		
	10/28/2021	BG-4'	-4	-3	Discrete BG: 135' outside of SE corner of pit	22.9	10.6	32.7	8.00	5.33		
	10/28/2021	BG-6'	-6	-5	Discrete BG: 135' outside of SE corner of pit	22.8	10.8	31.5	7.70	5.26		
	10/28/2021	BG-8	-8	-7	Discrete BG: 135' outside of SE corner of pit	22.8	11.7	30.7	7.38	5.24		
	10/28/2021	BG-4-7'	-4 to -7	-3 to -6	Composite BG: 135' outside of SE corner of pit	23.3	11.5	34.7	8.32	5.63		
16	10/28/2021	South 3-2'	-2	+5	Discrete BG: 60' outside of SW corner of pit	2.16	2.68	19.6	12.6	2.41		
	10/28/2021	South 3-4'	-4	+3	Discrete BG: 60' outside of SW corner of pit	15.1	14.7	37.5	9.72	5.41		
	10/28/2021	South 3-8'	-8	-1	Discrete BG: 60' outside of SW corner of pit	15.5	14.3	36.8	9.52	5.35		
	10/28/2021	South 3-4'-7'	-4 to -7	0 to +3	Composite BG: 60' outside of SW corner of pit	14.1	14.3	38.7	10.3	4.85		
A	7/1/2021	C02@5	-7	-5	Discrete cuttings sample	25.6	8.94	67.3	16.2	7.39		
B	7/1/2021	B01@7	-11	-7	Discrete cuttings sample	15.4	20.1	61.4	14.6	7.59		
C	7/1/2021	C01@5	-10	-5	Discrete cuttings sample	17.1	16.1	65.3	16.0	7.82		
1	7/1/2021	N01@7	-10	-7	Discrete pit sidewall: 0' out from north sidewall	7.2	14.8	65.1	19.7	7.32		
2	10/8/2021	North-1	-6 to -9	-4 to -7	Composite pit sidewall: 3' out from north sidewall	19.9	23.8	72.9	15.6	8.09		
3	10/8/2021	North-2	-6 to -9	-4 to -7	Composite pit sidewall: 6' out from north sidewall	19.2	18.2	59.4	13.7	8.48		
14	10/28/2021	North 3-4'-7'	-4 to -7	-4 to -7	Composite BG: 36' out from north sidewall	21.2	19.0	64.5	14.4	7.25		
19	10/28/2021	North 4-4'-7'	-3 to -6	-4 to -7	Composite BG: 66' out from north sidewall	14.7	14.8	57.2	14.9	6.94		
4	7/1/2021	W01@7	-12	-7	Discrete pit sidewall: 0' out from west sidewall	20.1	19.0	64.1	14.5	7.91		
5	10/8/2021	West-1	-8 to -11	-4 to -7	Composite pit sidewall: 3' out from west sidewall	16.6	18.4	62.3	14.9	7.78		
6	10/8/2021	West-2	-8 to -11	-4 to -7	Composite pit sidewall: 6' out from west sidewall	17.7	18.9	64.1	15.0	9.19		
15	10/28/2021	West 3-4'-7'	-7 to -10	-4 to -7	Composite BG: 36' out from west sidewall	20.7	20.4	67.9	15.0	7.59		
18	10/28/2021	West 4-4'-7'	-6 to -9	-4 to -7	Composite BG: 66' out from west sidewall	19.5	19.9	76.4	17.2	9.11		
7	7/1/2021	S01@7	-14	-7	Discrete pit sidewall: 0' out from south sidewall	20.6	21.3	71.6	15.7	8.61		
8	10/8/2021	South-1	-11 to -14	-4 to -7	Composite pit sidewall: 3' out from south sidewall	18.2	19.0	55.6	12.9	6.68		
9	10/8/2021	South-2	-11 to -14	-4 to -7	Composite pit sidewall: 6' out from south sidewall	18.4	17.6	46.3	10.9	7.30		
10	7/1/2021	E01@7	-11	-7	Discrete pit sidewall: 0' out from east sidewall	11.8	14.6	57.5	15.8	6.96		
11	10/8/2021	East-1	-8 to -11	-4 to -7	Composite pit sidewall: 3' out from east sidewall	5.87	8.13	48.0	18.1	4.93		
12	10/8/2021	East-2	-8 to -11	-4 to -7	Composite pit sidewall: 6' out from east sidewall	3.79	5.38	36.1	16.9	4.72		
17	10/28/2021	East 3-4'	-2	-4	Discrete BG: 36' out from east sidewall	ND	ND	4.55	23.5	0.385		
17	10/28/2021	East 3-8'	-6	-8	Discrete BG: 36' out from east sidewall	0.699	1.28	18.6	18.7	1.96		
17	10/28/2021	East 3-4'-7'	-2 to -5	-4 to -7	Composite BG: 36' out from east sidewall	ND	ND	13.4	18.7	1.28		
20	10/28/2021	East 4-4'-7'	-1 to -4	-4 to -7	Discrete pit BG: 66' out from east sidewall	21.6	27.1	72.3	14.7	9.09		

Origins Lab RPD Limit for EC = +/- 25%. (RPD = Relative % Difference = the acceptable range for duplicate samples.)

BG = Background

* Spoils Pile sample (SP*) was taken on 10/28/2021 at southeast side of drill pit excavation spoils pile and 1' below top of spoils pile.

Per construction contractor, this sample is from the pre-drill native soil at the bottom of the 7' deep pit.

** Not valid; Lab analysis was done with previous (pre-2021) probe method rather than new wet paste method required by COGCC after 1/1/21

LABORATORY ANALYTICAL DATA

November 01, 2021

Koda Exploration

Chris Del Hierro

1515 Wynkoop St.

Denver

CO 80202

Project Name - WHP Misty 2-7

Project Number - [none]

Attached are your analytical results for WHP Misty 2-7 received by Origins Laboratory, Inc. October 08, 2021. This project is associated with Origins project number Y110210-01.

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: WHP Misty 2-7

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
South-1	Y110210-01	Soil	October 8, 2021 11:10	10/08/2021 16:08
North -1	Y110210-02	Soil	October 8, 2021 9:38	10/08/2021 16:08
West-1	Y110210-03	Soil	October 8, 2021 10:25	10/08/2021 16:08
East-1	Y110210-04	Soil	October 8, 2021 11:45	10/08/2021 16:08

Per the email from Elizabeth on 10/29/21, the following sample ID changes were made. JEP

- West-1 -> South-1
- East-1 -> North-1
- North-1 -> West-1
- South-1 -> East-1

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: WHP Misty 2-7

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4110210

Client: KODA RESOURCES

Client Project ID: Misty Pit

Checklist Completed by: CDH

Shipped Via: AD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 10/8/11

Airbill #: NA

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

Cooler Number/Temperature: 1 / 5.1 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: TU03

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: CDH (Project Manager)

Date/Time Reviewed: 10-11-11

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: WHP Misty 2-7

South-1

10/8/2021 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110210-01 (Soil)

Metals by Saturated Paste

Calcium	18.2	0.499	meq/L	10	[CALC]	KAP	10/11/2021	10/12/2021	
Magnesium	19.0	0.823	"	"	"	KAP	"	"	
Sodium	55.6	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	12.9		SAR	1	B1J1117	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	6.68	0.00500	mmhos/cm	1	B1J1204	AHK	10/12/2021	10/12/2021	
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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: WHP Misty 2-7

North -1

10/8/2021 9:38:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110210-02 (Soil)

Metals by Saturated Paste

Calcium	19.9	0.499	meq/L	10	[CALC]	KAP	10/11/2021	10/12/2021	
Magnesium	23.8	0.823	"	"	"	KAP	"	"	
Sodium	72.9	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	15.6		SAR	1	B1J1117	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.09	0.00500	mmhos/cm	1	B1J1122	AHK	10/12/2021	10/12/2021	
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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: WHP Misty 2-7

West-1

10/8/2021 10:25:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110210-03 (Soil)

Metals by Saturated Paste

Calcium	16.6	0.499	meq/L	10	[CALC]	KAP	10/11/2021	10/12/2021	
Magnesium	18.4	0.823	"	"	"	KAP	"	"	
Sodium	62.3	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	14.9		SAR	1	B1J1117	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.78	0.00500	mmhos/cm	1	B1J1122	AHK	10/12/2021	10/12/2021	
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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: WHP Misty 2-7

East-1

10/8/2021 11:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y110210-04 (Soil)

Metals by Saturated Paste

Calcium	5.87	0.499	meq/L	10	[CALC]	KAP	10/11/2021	10/12/2021	
Magnesium	8.13	0.823	"	"	"	KAP	"	"	
Sodium	48.0	0.435	"	"	"	KAP	"	"	

SAR by 20B Saturated Paste

SAR	18.1		SAR	1	B1J1117	KAP	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.93	0.00500	mmhos/cm	1	B1J1122	AHK	10/12/2021	10/12/2021	
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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: WHP Misty 2-7

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1J1122 - NO PREP										
Blank (B1J1122-BLK1)					Prepared: 10/12/2021 Analyzed: 10/12/2021					
Specific Conductance (EC)	0.00180	0.00500	mmhos/cm							
Duplicate (B1J1122-DUP1)		Source: Y110230-10			Prepared: 10/12/2021 Analyzed: 10/12/2021					
Specific Conductance (EC)	1.06	0.00500	mmhos/cm		0.870			20.0	25	
Batch B1J1204 - NO PREP										
Blank (B1J1204-BLK1)					Prepared: 10/12/2021 Analyzed: 10/12/2021					
Specific Conductance (EC)	0.00120	0.00500	mmhos/cm							
Duplicate (B1J1204-DUP1)		Source: Y110210-01			Prepared: 10/12/2021 Analyzed: 10/12/2021					
Specific Conductance (EC)	6.39	0.00500	mmhos/cm		6.68			4.36	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.

Koda Exploration
1515 Wynkoop St.
Denver CO 80202

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

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

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: _____

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions	
				Unpreserved	HCl	HNO ₃	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
Relinquished By: <u>Gillian Khan</u>	Date: <u>10/8/21</u>	Time: _____	Received By: _____	Date: <u>10/8/21</u>	Time: <u>1608</u>	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>								
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____									

Handwritten notes in table:
 - Row 2: hold
 - Row 3: SAMPLES E.N.M.I.
 - Row 4: S TALKER OFF
 - Row 5: hold PERIODICALLY
 - Row 6: PHOENIX CALL ON
 - Row 7: 1018 pm

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: 10/16/11

(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 ⁽¹⁾ ?		<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 ⁽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 (Project Manager) Jm

Date/Time Reviewed 10-19-11

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

North-2

10/8/2021 9:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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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	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	8.48	0.00500	mmhos/cm	1	B1J1825	AHK	10/18/2021	10/19/2021
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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
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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	"	"	
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Specific Conductance Mod. 9050A

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

South-2

10/8/2021 11:15:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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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	"	"	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.30	0.00500	mmhos/cm	1	B1J1825	AHK	10/18/2021	10/19/2021	
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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
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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	"	"
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.72	0.00500	mmhos/cm	1	B1J1825	AHK	10/18/2021	10/19/2021
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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
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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
Batch B1J1825 - NO PREP										
Blank (B1J1825-BLK1)					Prepared: 10/18/2021 Analyzed: 10/19/2021					
Specific Conductance (EC)	0.00240	0.00500	mmhos/cm							
Duplicate (B1J1825-DUP1)		Source: Y110368-01			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.

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

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.



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 2-7 Pit



www.originslaboratory.com

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

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | 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 sampler #	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: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>								

Temp Received: 3.0 Date Results Needed

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 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 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 (Project Manager) JG

Date/Time Reviewed 11/1/21

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 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.



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 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.



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 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.



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 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.



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 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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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 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.



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 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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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 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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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 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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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 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	

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 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.



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.

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.



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 2-7 Pit

www.originslaboratory.com

page 1 of 2

Y111224


ORIGINS
LABORATORY, INC

Client: KODA Resources
 Address: 1515 Wynkoop Street Suite 650
Denver CO 80202
 Telephone Number: (571) 251-2314
 Email Address: enaka@chensult.com

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				HCl	HNO ₃	Other	Groundwater	Soil	At Sample #	Other			EC
* South 3-2	10/28/11	1135	1				X					hold	1
* South 3-4		1140											2
* South 3-8		1150											3
East 3-4		1215											4
East 3-8		1230											5
North 3-4		1255											6
North 3-8		1305											7
West 3-4		1350											8
West 3-8		1410											9
* West 4-4-7		1440											10
Relinquished By: <u>[Signature]</u>	Date: 10-29-11	Time: 0715		Received By: <u>[Signature]</u>	Date: 10/29/11	Time: 0715		Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard					
Relinquished By: <u>[Signature]</u>	Date: 10/29/11	Time: 0715		Received By: <u>[Signature]</u>	Date: 10/29/11	Time: 0715							

Handwritten notes in table:
 * These samples taken off hold per Elizabeth Niles email on 11/1/11
 East 3-4 & East 3-8 taken off hold per Elizabeth Niles email on 11/1/11

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 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: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	X			
Is there ice present (document if blue ice is used)	X			
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)		X		
Were all samples received intact ⁽¹⁾ ?		X		
Was adequate sample volume provided ⁽¹⁾ ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?			X	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	X			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	X			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	X			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	
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			X	
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.



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 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.



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 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.



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 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.



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 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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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 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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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 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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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

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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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 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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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

Top of Soils
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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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

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	

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

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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