

Summary Report

Tony Tucker
Range Operating New Mexico Inc.
P.O. Box 300
Loving, NM, 88256

Report Date: March 23, 2007

Work Order: 7032315



Project Name: Resample after more excavation
Project Number: #2 Teledyne 12 Fed Com.

30-015-33928 - ~~XXXXXXXXXX~~
pit closure

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
119622	E Wall Floor Comp.	soil	2007-03-22	07:30	2007-03-23
119623	W Wall Floor Comp.	soil	2007-03-22	07:40	2007-03-23
119624	S Wall Floor Comp.	soil	2007-03-22	07:50	2007-03-23
119625	N Wall Floor Comp.	soil	2007-03-22	08:00	2007-03-23
119626	Backfill of West Wall Comp.	soil	2007-03-22	08:10	2007-03-23

Sample: 119622 - E Wall Floor Comp.

Param	Flag	Result	Units	RL
Chloride		364	mg/Kg	5.00

Sample: 119623 - W Wall Floor Comp.

Param	Flag	Result	Units	RL
Chloride		3600	mg/Kg	5.00

Sample: 119624 - S Wall Floor Comp.

Param	Flag	Result	Units	RL
Chloride		409	mg/Kg	5.00

Sample: 119625 - N Wall Floor Comp.

Param	Flag	Result	Units	RL
Chloride		345	mg/Kg	5.00

Sample: 119626 - Backfill of West Wall Comp.

Report Date: March 23, 2007
#2 Teledyne 12 Fed Com.

Work Order: 7032315
Resample after more excavation

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Param	Flag	Result	Units	RL
Chloride		3720	mg/Kg	5.00



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Analytical and Quality Control Report

Tony Tucker
Range Operating New Mexico Inc.
P.O. Box 300
Loving, NM, 88256

Report Date: March 23, 2007

Work Order: 7032315



Project Name: Resample after more excavation
Project Number: #2 Teledyne 12 Fed Com.

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
119622	E Wall Floor Comp.	soil	2007-03-22	07:30	2007-03-23
119623	W Wall Floor Comp.	soil	2007-03-22	07:40	2007-03-23
119624	S Wall Floor Comp.	soil	2007-03-22	07:50	2007-03-23
119625	N Wall Floor Comp.	soil	2007-03-22	08:00	2007-03-23
119626	Backfill of West Wall Comp.	soil	2007-03-22	08:10	2007-03-23

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 119622 - E Wall Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		364	mg/Kg	4	5.00

Sample: 119623 - W Wall Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		3600	mg/Kg	200	5.00

Sample: 119624 - S Wall Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		409	mg/Kg	10	5.00

Sample: 119625 - N Wall Floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		345	mg/Kg	4	5.00

Sample: 119626 - Backfill of West Wall Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		3720	mg/Kg	200	5.00

Method Blank (1) QC Batch: 35823

QC Batch: 35823
Prep Batch: 31078

Date Analyzed: 2007-03-23
QC Preparation: 2007-03-23

Analyzed By: SM
Prepared By: SM

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch: 35823
Prep Batch: 31078

Date Analyzed: 2007-03-23
QC Preparation: 2007-03-23

Analyzed By: SM
Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	91.6	mg/Kg	1	100	<3.25	92	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	90.3	mg/Kg	1	100	<3.25	90	90 - 110	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample:

QC Batch: 35823
Prep Batch: 31078

Date Analyzed: 2007-03-23
QC Preparation: 2007-03-23

Analyzed By: SM
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 578	mg/Kg	10	1000	363.569	21	84.6 - 117

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	² 578	mg/Kg	10	1000	363.569	21	84.6 - 117	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

¹Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

²Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

Standard (ICV-1)

QC Batch: 35823

Date Analyzed: 2007-03-23

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.6	100	85 - 115	2007-03-23

Standard (CCV-1)

QC Batch: 35823

Date Analyzed: 2007-03-23

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-23

TraceAnalysis, Inc.

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Company Name: <i>Range Operating NM, Inc.</i>	Phone #: <i>505-706-9109</i>
Address: <i>PO Box 300, Loving, NM</i>	Fax #:
Contact Person: <i>Tony Tucker</i>	E-mail: <i>tucker@rangeresources.com</i>
Invoice to: (If different from above)	
Project #: <i>Teddyne 12 Fed. Com. # 2 resample after more excavation</i>	Project Name:
Project Location (including state):	Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		Turn Around Time if different from standard	Hold
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME		
119622	FF wall & floor comp	1		X									X	3/22/07	0730		
623	W wall - floor comp	1		X									X		0740		
624	" " " "	1		X									X		0750		
625	" " " "	1		X									X		0800		
626	Backfill off foot wall comp.	1		X									X		0810		
All samples are resample after removal of more material																	

Relinquished by: <i>Chris Tomlin</i>	Date: <i>3/22/07</i>	Time: <i>1100</i>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: <i>Jesusa Ripley</i>	Date: <i>3-23-07</i>	Time: <i>11:00</i>

LAB USE ONLY	REMARKS:
Intact <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>24 Hr.</i>
Headspace <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> Dry Weight Basis Required
Temp <input checked="" type="checkbox"/> C <input type="checkbox"/> F	<input type="checkbox"/> TRRP Report Required
Log-in-Review <input checked="" type="checkbox"/>	<input type="checkbox"/> Check If Special Reporting Limits Are Needed
Carrier # <i>BUSCH 30352862</i>	

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

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