

Summary Report

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

Report Date: April 4, 2007

Work Order: 7040418



Project Number: Teledyne 12 Fed Com #3

30-015-33927

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
120738	S Wall & Floor Comp	soil	2007-04-03	07:00	2007-04-04
120739	N Wall & Floor	soil	2007-04-03	07:20	2007-04-04
120740	E Wall & Floor	soil	2007-04-03	07:30	2007-04-04
120741	N Wall & Floor	soil	2007-04-03	07:40	2007-04-04

Sample: 120738 - S Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		224	mg/Kg	5.00

Sample: 120739 - N Wall & Floor

Param	Flag	Result	Units	RL
Chloride		199	mg/Kg	5.00

Sample: 120740 - E Wall & Floor

Param	Flag	Result	Units	RL
Chloride		171	mg/Kg	5.00

Sample: 120741 - N Wall & Floor

Param	Flag	Result	Units	RL
Chloride		129	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: April 4, 2007

Work Order: 7040418



Project Number: Teledyne 12 Fed Com #3

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
120738	S Wall & Floor Comp	soil	2007-04-03	07:00	2007-04-04
120739	N Wall & Floor	soil	2007-04-03	07:20	2007-04-04
120740	E Wall & Floor	soil	2007-04-03	07:30	2007-04-04
120741	N Wall & Floor	soil	2007-04-03	07:40	2007-04-04

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 5 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.

Case Narrative

Samples for project were received by TraceAnalysis, Inc. on 2007-04-04 and assigned to work order 7040418. Samples for work order 7040418 were received intact at a temperature of 22 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7040418 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 120738 - S Wall & Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36168	Date Analyzed:	2007-04-04	Analyzed By:	SM
Prep Batch:	31385	Sample Preparation:	2007-04-04	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		224	mg/Kg	10	5.00

Sample: 120739 - N Wall & Floor

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36168	Date Analyzed:	2007-04-04	Analyzed By:	SM
Prep Batch:	31385	Sample Preparation:	2007-04-04	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		199	mg/Kg	10	5.00

Sample: 120740 - E Wall & Floor

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36168	Date Analyzed:	2007-04-04	Analyzed By:	SM
Prep Batch:	31385	Sample Preparation:	2007-04-04	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		171	mg/Kg	10	5.00

Sample: 120741 - N Wall & Floor

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36168	Date Analyzed:	2007-04-04	Analyzed By:	SM
Prep Batch:	31385	Sample Preparation:	2007-04-04	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		129	mg/Kg	10	5.00

Method Blank (1) QC Batch: 36168

QC Batch:	36168	Date Analyzed:	2007-04-04	Analyzed By:	SM
Prep Batch:	31385	QC Preparation:	2007-04-04	Prepared By:	SM

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

Laboratory Control Spike (LCS-1)

QC Batch: 36168
Prep Batch: 31385

Date Analyzed: 2007-04-04
QC Preparation: 2007-04-04

Analyzed By: SM
Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	100	mg/Kg	1	100	<3.25	100	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	100	mg/Kg	1	100	<3.25	100	90 - 110	0	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: 120741

QC Batch: 36168
Prep Batch: 31385

Date Analyzed: 2007-04-04
QC Preparation: 2007-04-04

Analyzed By: SM
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 340	mg/Kg	10	1000	128.902	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	² 350	mg/Kg	10	1000	128.902	22	84.6 - 117	3	20

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

Standard (ICV-1)

QC Batch: 36168

Date Analyzed: 2007-04-04

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.5	99	85 - 115	2007-04-04

Standard (CCV-1)

QC Batch: 36168

Date Analyzed: 2007-04-04

Analyzed By: SM

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.

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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	2007-04-04

TraceAnalysis, Inc.

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Company Name: <i>Range Operating NM, Inc.</i>	Phone #: <i>505-706-9109</i>
Address: <i>POB 300, Loving, NM</i> (Street, City, Zip)	Fax #:
Contact Person: <i>Tony Tucker</i>	E-mail: <i>tucker@rangeoperating.com</i>
Invoice to: (If different from above)	
Project #: <i>Telluride 12 Fed. Conv. #3 At 30'</i>	Project Name:
Project Location (including state):	Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

[illegible]

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<i>Paul Miller</i>	<i>4/3/07</i>	<i>1600</i>			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			<i>Rebecca Fisher</i>	<i>4-4-07</i>	<i>11:00</i>

LAB USE ONLY Intact <u>Y</u> / <u>N</u> Headspace <u>Y</u> / <u>N</u> Temp <u>21</u> Log-in-Review <u>JK</u>	REMARKS: 24 Hr.
	<input type="checkbox"/> Dry Weight Basis Required <input type="checkbox"/> TRRP Report Required <input type="checkbox"/> Check If Special Reporting Limits Are Needed
Carrier # <u>31561J30397111812</u>	

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

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