

Summary Report

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

Report Date: March 16, 2007

Work Order: 7031511

30-015-33930



Project Number: Teledyne 12 Fed Com #1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
118878	N Floor Comp	soil	2007-03-14	14:00	2007-03-15
118879	N Wall Comp	soil	2007-03-14	14:10	2007-03-15
118880	S Floor Comp	soil	2007-03-14	14:20	2007-03-15
118881	S Wall Comp	soil	2007-03-14	14:30	2007-03-15
118882	E Floor Comp	soil	2007-03-14	15:00	2007-03-15
118883	E Wall Comp	soil	2007-03-14	15:10	2007-03-15
118884	W Floor Comp	soil	2007-03-14	15:20	2007-03-15
118885	W Wall Comp	soil	2007-03-14	15:30	2007-03-15

Sample: 118878 - N Floor Comp

Param	Flag	Result	Units	RL
Chloride		3840	mg/Kg	5.00

Sample: 118879 - N Wall Comp

Param	Flag	Result	Units	RL
Chloride		4080	mg/Kg	5.00

Sample: 118880 - S Floor Comp

Param	Flag	Result	Units	RL
Chloride		4620	mg/Kg	5.00

Sample: 118881 - S Wall Comp

Param	Flag	Result	Units	RL
Chloride		3960	mg/Kg	5.00

Sample: 118882 - E Floor Comp

Param	Flag	Result	Units	RL
Chloride		4000	mg/Kg	5.00

Sample: 118883 - E Wall Comp

Param	Flag	Result	Units	RL
Chloride		7730	mg/Kg	5.00

Sample: 118884 - W Floor Comp

Param	Flag	Result	Units	RL
Chloride		11700	mg/Kg	5.00

Sample: 118885 - W Wall Comp

Param	Flag	Result	Units	RL
Chloride		7130	mg/Kg	5.00



6731 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5602 Basin Street, Suite A1 Midland, Texas 79703 432•688•6301 FAX 432•688•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@tracanalysis.com

Analytical and Quality Control Report

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

Report Date: March 16, 2007

Work Order: 7031511



Project Number: Teledyne 12 Fed Com #1

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
118878	N Floor Comp	soil	2007-03-14	14:00	2007-03-15
118879	N Wall Comp	soil	2007-03-14	14:10	2007-03-15
118880	S Floor Comp	soil	2007-03-14	14:20	2007-03-15
118881	S Wall Comp	soil	2007-03-14	14:30	2007-03-15
118882	E Floor Comp	soil	2007-03-14	15:00	2007-03-15
118883	E Wall Comp	soil	2007-03-14	15:10	2007-03-15
118884	W Floor Comp	soil	2007-03-14	15:20	2007-03-15
118885	W Wall Comp	soil	2007-03-14	15:30	2007-03-15

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 6 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: 118878 - N Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35621	Date Analyzed:	2007-03-15	Analyzed By:	JS
Prep Batch:	30883	Sample Preparation:	2007-03-15	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		3840	mg/Kg	200	5.00

Sample: 118879 - N Wall Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35621	Date Analyzed:	2007-03-15	Analyzed By:	JS
Prep Batch:	30883	Sample Preparation:	2007-03-15	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4080	mg/Kg	200	5.00

Sample: 118880 - S Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35621	Date Analyzed:	2007-03-15	Analyzed By:	JS
Prep Batch:	30883	Sample Preparation:	2007-03-15	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4620	mg/Kg	200	5.00

Sample: 118881 - S Wall Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35621	Date Analyzed:	2007-03-15	Analyzed By:	JS
Prep Batch:	30883	Sample Preparation:	2007-03-15	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		3960	mg/Kg	200	5.00

Sample: 118882 - E Floor Comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35621	Date Analyzed:	2007-03-15	Analyzed By:	JS
Prep Batch:	30883	Sample Preparation:	2007-03-15	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4000	mg/Kg	200	5.00

Sample: 118883 - E Wall Comp

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 35621 Date Analyzed: 2007-03-15 Analyzed By: JS
Prep Batch: 30883 Sample Preparation: 2007-03-15 Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		7730	mg/Kg	200	5.00

Sample: 118884 - W Floor Comp

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 35620 Date Analyzed: 2007-03-15 Analyzed By: JS
Prep Batch: 30882 Sample Preparation: 2007-03-15 Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		11700	mg/Kg	200	5.00

Sample: 118885 - W Wall Comp

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 35620 Date Analyzed: 2007-03-15 Analyzed By: JS
Prep Batch: 30882 Sample Preparation: 2007-03-15 Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		7130	mg/Kg	200	5.00

Method Blank (1) QC Batch: 35620

QC Batch: 35620 Date Analyzed: 2007-03-15 Analyzed By: JS
Prep Batch: 30882 QC Preparation: 2007-03-15 Prepared By: JS

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

Method Blank (1) QC Batch: 35621

QC Batch: 35621 Date Analyzed: 2007-03-15 Analyzed By: JS
Prep Batch: 30883 QC Preparation: 2007-03-15 Prepared By: JS

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

Laboratory Control Spike (LCS-1)

QC Batch: 35620
Prep Batch: 30882

Date Analyzed: 2007-03-15
QC Preparation: 2007-03-15

Analyzed By: JS
Prepared By: JS

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	98.3	mg/Kg	1	100	<3.25	98	90 - 110	2	20

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

Laboratory Control Spike (LCS-1)

QC Batch: 35621
Prep Batch: 30883

Date Analyzed: 2007-03-15
QC Preparation: 2007-03-15

Analyzed By: JS
Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	99.0	mg/Kg	1	100	<3.25	99	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	98.4	mg/Kg	1	100	<3.25	98	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: 118884

QC Batch: 35620
Prep Batch: 30882

Date Analyzed: 2007-03-15
QC Preparation: 2007-03-15

Analyzed By: JS
Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 7940	mg/Kg	200	20000	11723	-17	84.6 - 117

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

continued ...

¹ Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

matrix spikes continued ...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	² 7910	mg/Kg	200	20000	11723	-19	84.6 - 117	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: 118897

QC Batch: 35621 Date Analyzed: 2007-03-15 Analyzed By: JS
Prep Batch: 30883 QC Preparation: 2007-03-15 Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	³ 210	mg/Kg	4	400	<13.0	52	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	⁴ 203	mg/Kg	4	400	<13.0	51	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: 35620 Date Analyzed: 2007-03-15 Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2007-03-15

Standard (CCV-1)

QC Batch: 35620 Date Analyzed: 2007-03-15 Analyzed By: JS

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	2007-03-15

Standard (ICV-1)

QC Batch: 35621 Date Analyzed: 2007-03-15 Analyzed By: JS

²Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

³Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

⁴Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-15

Standard (CCV-1)

QC Batch: 35621

Date Analyzed: 2007-03-15

Analyzed By: JS

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	2007-03-15

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

LAB Order ID # 7031511

Company Name

Phone #:

Phone #: 505-706-9109

Address (Street, City, Zip)

Fax #:

Contact Person:

E-mail:

Invoice to:

(If different from above)

Project #:

Project Name:

Project Location (including state):

Sampler Signature:

[illegible]

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received at Laboratory by:

Date:

Time:

LAB USE ONLY

REMARKS:

24 HRS.

Intact Y/N

Headspace Y / NTemp 21Log-in-Review ☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier #

REF ID: A639137052

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