Work Order: 7032315 Resample after more excavation Page Number: 1 of 2

## **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

pit closure

			Date	$\operatorname{Time}$	Date
Sample	Description	Matrix	Taken	Taken	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	$\operatorname{Flag}$	Result	Units	$ m_{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 Res	ult Units	RL
Chloride	3	<b>45</b> 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 Page Number: 2 of 2

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.

			Date	$\operatorname{Time}$	Date
Sample	Description	Matrix	Taken	Taken	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

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

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

Work Order: 7032315 Resample after more excavation

### Analytical Report

#### Sample: 119622 - E Wall Floor Comp.

Analysis: Chloride (Titration)

QC Batch: 35823 Prep Batch: 31078 Analytical Method: Date Analyzed: Sample Preparation:

SM 4500-Cl B 2007-03-23 2007-03-23

Prep Method: N/A Analyzed By: SMPrepared By:

Page Number: 2 of 4

RL

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

#### Sample: 119623 - W Wall Floor Comp.

QC Batch:

Chloride (Titration)

35823 Prep Batch: 31078 Analytical Method:

SM 4500-Cl B Date Analyzed: 2007-03-23 Sample Preparation: 2007-03-23

Prep Method: N/A Analyzed By: SM

SM

Prepared By:

RL

RL

Parameter	$\operatorname{Flag}$	Result	Units	Dilution	RL
Chloride		3600	mg/Kg	200	5.00

#### Sample: 119624 - S Wall Floor Comp.

Analysis: Chloride (Titration) QC Batch:

35823 Prep Batch: 31078 Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-23

Prep Method: N/A Analyzed By: SM

Sample Preparation: 2007-03-23

Prepared By:

Parameter	$\operatorname{Flag}$	Result	Units	Dilution	RL
Chloride		409	mg/Kg	10	5.00

#### Sample: 119625 - N Wall Floor Comp.

Analysis: QC Batch: Prep Batch:

Chloride (Titration) 35823

Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-23 Sample Preparation: 2007-03-23

Prep Method: N/A Analyzed By: SMPrepared By: SM

		m RL			
Parameter	Flag	Result	${ m Units}$	Dilution	RL
Chloride		345	m mg/Kg	4	5.00

### Sample: 119626 - Backfill of West Wall Comp.

Analysis: Chloride (Titration) QC Batch: 35823 Prep Batch: 31078

31078

Analytical Method: SM 4500-Cl B Date Analyzed: 2007-03-23 Sample Preparation: 2007-03-23

Prep Method: N/A Analyzed By: SMPrepared By: SM

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

QC Batch:

Prep Batch: 31078

35823

Work Order: 7032315 Resample after more excavation Page Number: 3 of 4

Analyzed By: SM

Prepared By: SM

Analyzed By: SM Prepared By: SM

		RL			
Parameter	$\operatorname{Flag}$	Result	Units	Dilution	RL
Chloride		3720	mg/Kg	200	5.00
Method Blank (1)	QC Batch: 35823				
QC Batch: 35823		Date Analyzed:	2007-03-23	Analy	zed By: SM
Prep Batch: 31078		QC Preparation:	2007-03-23		red By: SM
		M	DL		
Parameter	Flag	Res	ult	${f Units}$	RL
Chloride		<3	.25	mg/Kg	5

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

QC Preparation: 2007-03-23

2007-03-23

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

Date Analyzed:

	LCSD			$\mathbf{Spike}$	Matrix		Rec.		RPD
Param	Result	$\mathbf{Units}$	Dil.	Amount	Result	Rec.	$\operatorname{Limit}$	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.

QC Batch:	35823	Date Analyzed:	2007-03-23
Prep Batch:	31078	QC Preparation:	2007-03-23

		MS			Spike	Matrix		Rec.
Param		Result Unit		Dil.	Amount	Result	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.

		MSD			Spike	Matrix		Rec.		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	$_{ m Limit}$
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.

<sup>&</sup>lt;sup>1</sup>Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

<sup>&</sup>lt;sup>2</sup>Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

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

Work Order: 7032315 Resample after more excavation Page Number: 4 of 4

Standard (ICV-1)

QC Batch: 35823

Date Analyzed: 2007-03-23

Analyzed By: SM

			ICVs	ICVs	ICVs	Percent	
			$\operatorname{True}$	Found	Percent	Recovery	Date
Param	$\operatorname{Flag}$	${f Units}$	Conc.	Conc.	Recovery	Limits	$\mathbf{Analyzed}$
Chloride	7487	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

			$\mathbf{CCVs}$	$\mathrm{CCVs}$	$\mathrm{CCVs}$	Percent	
			$\operatorname{True}$	Found	Percent	Recovery	Date
Param	$\operatorname{Flag}$	${f Units}$	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-23

_AB Order ID #	7032315

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# TraceAnalysis, Inc.

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