Work Order: 7031311

Page Number: 1 of 1

# **Summary Report**

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

Work Order: 703131

Report Date: March 13, 2007
Work Order: 7031311

30-015-33928

Project Number: Teledyne 12 Fed Com #3

			Date	$\mathbf{Time}$	Date
Sample	Description	Matrix	Taken	Taken	Received
118734	N Wall & Floor Comp	soil	2007-03-12	15:30	2007-03-13
118735	S Wall & Floor Comp	soil	2007-03-12	16:30	2007-03-13
118736	E Wall & Floor Comp	soil	2007-03-12	16:45	2007-03-13
118737	W Wall & Floor Comp	soil	2007-03-12	16:55	2007-03-13

Sample: 118734 - N Wall & Floor Comp

Param	$\operatorname{Flag}$	Result	Units	RL
Chloride		3840	mg/Kg	5.00

Sample: 118735 - S Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		1820	mg/Kg	5.00

Sample: 118736 - E Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		8320	mg/Kg	5.00

Sample: 118737 - W Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		2930	${ m mg/Kg}$	5.00



6701 Aberdeen Avenue, Suite 9 200 East Sunset Road, Suite E 5002 Basin Street, Suite A1 Lubbock, Texas 79424 Ef Paso, Texas 79922 Midland, Texas 79703

888 • 588 • 3443

896 • 794 • 1296 915 • 585 • 3443 432 • 989 • 6301 817 • 201 • 5260 FAX 806 • 794 • 1298 FAX 915 • 585 • 4944

FAX 432 • 689 • 6313

5015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132

E-Mail: lab@traceanalysis.com

## Analytical and Quality Control Report

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

Report Date: March 13, 2007

Work Order: 7031311

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.

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
118734	N Wall & Floor Comp	soil	2007-03-12	15:30	2007-03-13
118735	S Wall & Floor Comp	soil	2007-03-12	16:30	2007-03-13
118736	E Wall & Floor Comp	soil	2007-03-12	16:45	2007-03-13
118737	W Wall & Floor Comp	soil	2007-03-12	16:55	2007-03-13

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 13, 2007 Teledyne 12 Fed Com #3

Work Order: 7031311

**Analytical Report** 

Analysis: Chloride (Titration)

QC Batch: 35526 Prep Batch: 30825

Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-03-13 2007-03-13

Prep Method: N/A Analyzed By: JS

Prepared By: JS

Page Number: 2 of 4

RL

Parameter RLFlag Result Units Dilution 3840 5.00 Chloride mg/Kg 200

## Sample: 118735 - S Wall & Floor Comp

Analysis: QC Batch:

Chloride (Titration)

35526

Analytical Method:

SM 4500-Cl B 2007-03-13

Prep Method: N/A

Prep Batch: 30825 Date Analyzed: Sample Preparation:

2007-03-13

Analyzed By: JSPrepared By: JS

RL

Dilution RLParameter Flag Result Units Chloride 1820 mg/Kg 20 5.00

#### Sample: 118736 - E Wall & Floor Comp

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

30825

Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-13

Prep Method: N/A Analyzed By: JS

Sample Preparation:

2007-03-13

Prepared By: JS

RLParameter Flag Result 8320 Chloride

Units mg/Kg Dilution RL5.00 200

Sample: 118737 - W Wall & Floor Comp

Analysis: QC Batch:

Chloride (Titration)

35526 Prep Batch: 30825 Analytical Method: Date Analyzed: Sample Preparation:

SM 4500-Cl B 2007-03-13 2007-03-13

Prep Method: N/A Analyzed By: JSPrepared By: JS

RLDilution RLParameter Flag Result Units 2930 200 5.00 Chloride mg/Kg

Method Blank (1)

QC Batch: 35526

QC Batch: 35526 Prep Batch: 30825 Date Analyzed: 2007-03-13 QC Preparation: 2007-03-13

Analyzed By: Prepared By:

Report Date: March 13, 2007 Teledyne 12 Fed Com #3 Work Order: 7031311

		MDL		
Parameter	$\operatorname{Flag}$	Result	${f Units}$	RL
Chloride		< 3.25	mg/Kg	5

#### Laboratory Control Spike (LCS-1)

QC Batch: 35526 Prep Batch: 30825 Date Analyzed: 2007-03-13 QC Preparation: 2007-03-13 Analyzed By: JS Prepared By: JS

Page Number: 3 of 4

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	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.

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	99.8	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: 118734

QC Batch: 35526 Prep Batch: 30825 Date Analyzed: 2007-03-13 QC Preparation: 2007-03-13 Analyzed By: JS Prepared By: JS

		MS			$\mathbf{Spike}$	Matrix		$\mathrm{Rec}.$
Param		Result	Units	Dil.	Amount	Result	Rec.	${f Limit}$
Chloride	1	4240	mg/Kg	200	20000	3840	2	84.6 - 117

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

		MSD			Spike	Matrix		${ m Rec.}$		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	2	4240	mg/Kg	200	20000	3840	2	84.6 - 117	0	20

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

### Standard (ICV-1)

QC Batch: 35526

Date Analyzed: 2007-03-13

Analyzed By: JS

			ICVs	ICVs	ICVs	Percent	
			$\operatorname{True}$	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-13

#### Standard (CCV-1)

QC Batch: 35526

Date Analyzed: 2007-03-13

Analyzed By: JS

<sup>&</sup>lt;sup>1</sup>Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control. <sup>2</sup>Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Report Date: March 13, 2007 Teledyne 12 Fed Com #3

Work Order: 7031311

Page Number: 4 of 4

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	$\operatorname{Flag}$	${ m Units}$	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-13

	703/3/1
LAB Order ID #	1001011

	1		
Page	/	of	 ſ

# TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 Tel (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1296

5002 Basin Street, Suite A1 Midland, Texas 79703 Tel (432) 689-6301 Fax (432) 689-6313 200 East Sunset Rd., Suite E El Paso, Texas 79922 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443

6015 Harris Pkwy., Suite 110 Ft. Worth, Texas 76132 Tel (817) 201-5260

Company Name:  Kange Charating NM, Ane,  Address: (Street, City, Zip)  KO DOX 300 Loving, NM  Contact Person:  Phone #:  505-706-9109  Fax #:  E-mail:							ANALYSIS REQUEST																								
Address: (Street, Qity, Zip) Fax #:							(Circle or Specify Method No.)																								
Contact Person: Loving, NM	Е-тай:									-				00.7													ď.				
Tony Tucker Invoice to:		E-mail: Étució ev à range Messurces, C								en	भ द्वि	3		Se Hg 60108/200	D)					1					-		standard				
(If different from above)	,								324	4 Vt/C	2		9 601	00																	
Project #:	Project Name:								B/6	260B / 624 3	길			5				625								if different from					
Project #:  Telldyne 12 Ted. Com. +3  Project Location (including state):			Sampler Signature:								8260	8260B /	O / TVHC		<u> </u>	3			4	2								eren			
			т—				DECE	RVAT	TIVE		1		02 /	∞ ~		ı	<u>ت</u>   ج	0	es		GC/MS Vol. 8260B / 624	827(		909						faiff	
	RS	ount	P	MATRIX				THOE			SAM	PLING	8/6	1B / 602 /		625	As Ba	C PC S	olatil	les	260E	\$	809	31A/	- t	5		1		Time	
LAB# FIELD CODE	CONTAINERS	Volume / Amount		101									8021	21 -	امنا	2	Total Metals Ag As Ba (	TCLP Volatiles	mi <	TCLP Pesticides	ol. 8	emi.	PCB's 8082 / 608	Pesticides 8081A /	TSS, pH	5				l pu	
/LAB USEV	TNC	, ami	WATER	AIR SLUDGE		16	o	Ę	¥		ļ	ш	ш		80	827	Total Metals Ag	5	Se Se	P Pe	MS V	MS S	s 80	cide	Tal	) j				Around	
ONLY /	Ŭ #	Volu	WATE	SLUS	Ę	S S	H <sub>2</sub> SO <sub>4</sub>	Nao ICE	NONE		DATE	TIME	MTBE	BTE	E E	PAH	Total		1 2	17		SCA	PCB	Pest	BOD, TS	2				Lu	Hold
118734 Navade & Floor Comp 35 5 MALL & Floor Comp 36 E " " "	1		X						V.		1/2/07	1530			1 1	50	1	0	-	azi	- 1	t	1 1					+			1
35 B will Floor Comp	1		V	/					χ		1	1630				-															$\dagger \dagger$
36 = " " "	/		K			1			X			1645			0	111	ais	1	81	ul	4	1/2	<b>,</b> -	7		1				1	11
37 W Wall Goor Comp.	7		X			T	<b>†</b> ***†	1	X		V	1655	1		1 1				T	car		1			,,,		111	ne	_	+	+
						1	17	1				1000			2	A	1		K.	us.	-	L	to	1	22		<del></del>	7	1	-	+
144 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1		.,,				$\dagger$	$\dagger \dagger$					<del></del>	I		1 [	- 1	- 1		!	1 1	1	1	1 1	7/1	m.	40	1		-	-	+
				+		十			-		<b> </b>			_	10	rr)	24/1	DIS		Dir	nc	2.1	1	22)	+	$\dagger$		$\dashv$		-	+-
		•••••	$\vdash$			+	1-1		-			<del> </del>	H	+	+	+	+	-	-		-	╁	-	+		+	-				
						╁						-	H		-	1			-	$\vdash$		-		+	+	-	-		-		+
			-	++-	$\dashv$	+	H				-	-			+	$\dashv$	+	-			-	-	$\vdash \vdash$	-	+	+	$\vdash$			+	+
2000   10			-	++-	-	+					<u> </u>	ļ	$\left\  \cdot \right\ $			+		-	-	-		-	-	-	-	+	$\vdash$			_	-
Religiquished by: Date: Time:	Rec	eived	by:				Dat	e:	Ti	ime	<u> </u>  :	1	H		AB	11			T	REN	IAR	KS:	$\Box$							<u> </u>	
110 24 16 3) (							<b>L</b>	10					REN		C	24	7,	11	1.												
Huy Inulia 1/2/01 1 130 Relinquished by: Date: Time: Received			ceived by: Date: Time:							1	act	1.0																			
•									1	Intact Dry Weight Basis Required Headspace Y / N TRRP Record Required																					
Relinquished by: Date: Time:	Rec	eived	at Lab	oratory l	y: ::		Dat	e:	Ti	me	· Charles		Te	mp	Ţ	7	Ĺ	بي <del>نده.</del> ) د د د د	5				Repo								
Quant info					٠, ١	<u>ر</u> م	-13	·1~	7	11.7	) <del>-</del>		g-in-l							J C	heck mits	If Sp Are N	ecia Veec	⊪Rep ded	ortin	g					
Submittal of samples constitutes agreement to Ter											1116	( )	1	rrier #		<u> </u>	حننسد			$\overline{\alpha}$	f V	2. I						·			
OBIGINAL CORV								rrier #		$\frac{\mathcal{L}}{\mathcal{L}}$	نرب نرس			د د ر	زب	<u> </u>								/ NA.							