

Summary Report

Dorsey Rogers
Cimarex
207 S Mesa
Carlsbad, NM, 88220

Report Date: December 11, 2006

Work Order: 6120829



Project Number: Henshaw 15 Fed No# 001

y 30-015-35074

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
111217	21A	soil	2006-12-08	10:50	2006-12-08
111218	24A	soil	2006-12-08	10:59	2006-12-08
111219	33A	soil	2006-12-08	11:10	2006-12-08
111220	42C	soil	2006-12-08	11:27	2006-12-08
111221	18B	soil	2006-12-08	11:39	2006-12-08

Sample: 111217 - 21A

Param	Flag	Result	Units	RL
Chloride		5.13	mg/Kg	2.00

Sample: 111218 - 24A

Param	Flag	Result	Units	RL
Chloride		7.50	mg/Kg	2.00

Sample: 111219 - 33A

Param	Flag	Result	Units	RL
Chloride		7.90	mg/Kg	2.00

Sample: 111220 - 42C

Param	Flag	Result	Units	RL
Chloride		8.29	mg/Kg	2.00

Sample: 111221 - 18B

Report Date: December 11, 2006
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Param	Flag	Result	Units	RL
Chloride		5.53	mg/Kg	2.00



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Analytical and Quality Control Report

Dorsey Rogers
Cimarex
207 S Mesa
Carlsbad, NM, 88220

Report Date: December 11, 2006

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Project Number: Henshaw 15 Fed No# 001 y *30-015-35074*

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
111217	21A	soil	2006-12-08	10:50	2006-12-08
111218	24A	soil	2006-12-08	10:59	2006-12-08
111219	33A	soil	2006-12-08	11:10	2006-12-08
111220	42C	soil	2006-12-08	11:27	2006-12-08
111221	18B	soil	2006-12-08	11:39	2006-12-08

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.

Analytical Report

Sample: 111217 - 21A

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32660	Date Analyzed:	2006-12-08	Analyzed By:	JS
Prep Batch:	28418	Sample Preparation:	2006-12-08	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5.13	mg/Kg	2	2.00

Sample: 111218 - 24A

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32660	Date Analyzed:	2006-12-08	Analyzed By:	JS
Prep Batch:	28418	Sample Preparation:	2006-12-08	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		7.50	mg/Kg	2	2.00

Sample: 111219 - 33A

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32660	Date Analyzed:	2006-12-08	Analyzed By:	JS
Prep Batch:	28418	Sample Preparation:	2006-12-08	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		7.90	mg/Kg	2	2.00

Sample: 111220 - 42C

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32660	Date Analyzed:	2006-12-08	Analyzed By:	JS
Prep Batch:	28418	Sample Preparation:	2006-12-08	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		8.29	mg/Kg	2	2.00

Sample: 111221 - 18B

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32660	Date Analyzed:	2006-12-08	Analyzed By:	JS
Prep Batch:	28418	Sample Preparation:	2006-12-08	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5.53	mg/Kg	2	2.00

Method Blank (1) QC Batch: 32660

QC Batch: 32660 Date Analyzed: 2006-12-08 Analyzed By: JS
Prep Batch: 28418 QC Preparation: 2006-12-08 Prepared By: JS

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Laboratory Control Spike (LCS-1)

QC Batch: 32660 Date Analyzed: 2006-12-08 Analyzed By: JS
Prep Batch: 28418 QC Preparation: 2006-12-08 Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<0.500	101	85 - 115

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	<0.500	100	85 - 115	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: 111221

QC Batch: 32660 Date Analyzed: 2006-12-08 Analyzed By: JS
Prep Batch: 28418 QC Preparation: 2006-12-08 Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	212	mg/Kg	2	200	5.528	103	70 - 130

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	251	mg/Kg	2	200	5.528	123	70 - 130	17	20

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

Standard (ICV-1)

QC Batch: 32660 Date Analyzed: 2006-12-08 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	2006-12-08

Standard (CCV-1)

QC Batch: 32660

Date Analyzed: 2006-12-08

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	2006-12-08

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[Signature]

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Submission of samples constitutes agreement to Terms and Conditions listed

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