

Report Date: November 22, 2006
API 30-015-33101

Work Order: 6112212
Colton 7 Fed #1

Page Number: 1 of 1
Sec. 7 T215-R27E Eddy Co. N.M.

Summary Report

Dorsey Rogers
Cimarex
207 S Mesa
Carlsbad, NM, 88220

Report Date: November 22, 2006

Work Order: 6112212



Project Location: Sec. 7 T215-R27E Eddy Co. N.M.
Project Name: Colton 7 Fed #1
Project Number: API 30-015-33101

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
109697	BG-South	soil	2006-11-21	08:10	2006-11-22
109698	BG-East	soil	2006-11-21	08:20	2006-11-22
109699	BG-North	soil	2006-11-21	08:30	2006-11-22
109700	BG-West	soil	2006-11-21	09:00	2006-11-22

Sample: 109697 - BG-South

Param	Flag	Result	Units	RL
Chloride		9.24	mg/Kg	2.00

Sample: 109698 - BG-East

Param	Flag	Result	Units	RL
Chloride		93.2	mg/Kg	2.00

Sample: 109699 - BG-North

Param	Flag	Result	Units	RL
Chloride		2.64	mg/Kg	2.00

Sample: 109700 - BG-West

Param	Flag	Result	Units	RL
Chloride		7.36	mg/Kg	2.00



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Analytical and Quality Control Report

Dorsey Rogers
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207 S Mesa
Carlsbad, NM, 88220

Report Date: November 22, 2006

Work Order: 6112212



Project Location: Sec. 7 T215-R27E Eddy Co. N.M.
Project Name: Colton 7 Fed #1
Project Number: API 30-015-33101

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
109697	BG-South	soil	2006-11-21	08:10	2006-11-22
109698	BG-East	soil	2006-11-21	08:20	2006-11-22
109699	BG-North	soil	2006-11-21	08:30	2006-11-22
109700	BG-West	soil	2006-11-21	09:00	2006-11-22

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: 109697 - BG-South

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32203	Date Analyzed:	2006-11-22	Analyzed By:	SM
Prep Batch:	28042	Sample Preparation:	2006-11-22	Prepared By:	SM

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Chloride		9.24	mg/Kg	1	2.00

Sample: 109698 - BG-East

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32203	Date Analyzed:	2006-11-22	Analyzed By:	SM
Prep Batch:	28042	Sample Preparation:	2006-11-22	Prepared By:	SM

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Chloride		93.2	mg/Kg	1	2.00

Sample: 109699 - BG-North

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32203	Date Analyzed:	2006-11-22	Analyzed By:	SM
Prep Batch:	28042	Sample Preparation:	2006-11-22	Prepared By:	SM

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Chloride		2.64	mg/Kg	1	2.00

Sample: 109700 - BG-West

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	32203	Date Analyzed:	2006-11-22	Analyzed By:	SM
Prep Batch:	28042	Sample Preparation:	2006-11-22	Prepared By:	SM

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Chloride		7.36	mg/Kg	1	2.00

Method Blank (1) QC Batch: 32203

QC Batch:	32203	Date Analyzed:	2006-11-22	Analyzed By:	SM
Prep Batch:	28042	QC Preparation:	2006-11-22	Prepared By:	SM

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

Laboratory Control Spike (LCS-1)

QC Batch: 32203
Prep Batch: 28042

Date Analyzed: 2006-11-22
QC Preparation: 2006-11-22

Analyzed By: SM
Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	102	mg/Kg	1	100	<0.500	102	85 - 115

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

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	99.6	mg/Kg	1	100	<0.500	100	85 - 115	2	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: 109700

QC Batch: 32203
Prep Batch: 28042

Date Analyzed: 2006-11-22
QC Preparation: 2006-11-22

Analyzed By: SM
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	97.5	mg/Kg	1	100	<0.500	98	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	101	mg/Kg	1	100	<0.500	101	70 - 130	4	20

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

Standard (ICV-1)

QC Batch: 32203

Date Analyzed: 2006-11-22

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.7	99	85 - 115	2006-11-22

Standard (CCV-1)

QC Batch: 32203

Date Analyzed: 2006-11-22

Analyzed By: SM

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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	101	101	85 - 115	2006-11-22

