

NOV 27 2007  
OCD-ARTESIA

## Summary Report

Eb Taylor  
Talon LPE-Hobbs  
318 E Taylor  
Hobbs, NM, 88240

Report Date: November 20, 2007

Work Order: 7111916

Project Location: Eddy County, NM  
Project Name: Pure Gold A Fed #6

30-015-35293

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
143315	BH-1	soil	2007-11-17	12:30	2007-11-19
143316	BH-2	soil	2007-11-17	12:41	2007-11-19
143317	BH-3	soil	2007-11-17	12:50	2007-11-19
143318	BH-4	soil	2007-11-17	13:04	2007-11-19

## Sample: 143315 - BH-1

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

## Sample: 143316 - BH-2

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

## Sample: 143317 - BH-3

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

## Sample: 143318 - BH-4

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00



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## Analytical and Quality Control Report

Eb Taylor  
Talon LPE-Hobbs  
318 E Taylor  
Hobbs, NM, 88240

Report Date: November 20, 2007

Work Order: 7111916



Project Location: Eddy County, NM  
Project Name: Pure Gold A Fed #6  
Project Number: Pure Gold A Fed #6

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
143315	BH-1	soil	2007-11-17	12:30	2007-11-19
143316	BH-2	soil	2007-11-17	12:41	2007-11-19
143317	BH-3	soil	2007-11-17	12:50	2007-11-19
143318	BH-4	soil	2007-11-17	13:04	2007-11-19

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

## Case Narrative

Samples for project Pure Gold A Fed #6 were received by TraceAnalysis, Inc. on 2007-11-19 and assigned to work order 7111916. Samples for work order 7111916 were received intact at a temperature of 3.5 deg C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7111916 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

## Analytical Report

### Sample: 143315 - BH-1

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43214	Date Analyzed:	2007-11-20	Analyzed By:	AR
Prep Batch:	37282	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<100	mg/Kg	50	2.00

### Sample: 143316 - BH-2

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43214	Date Analyzed:	2007-11-20	Analyzed By:	AR
Prep Batch:	37282	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<100	mg/Kg	50	2.00

### Sample: 143317 - BH-3

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43214	Date Analyzed:	2007-11-20	Analyzed By:	AR
Prep Batch:	37282	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<100	mg/Kg	50	2.00

### Sample: 143318 - BH-4

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43214	Date Analyzed:	2007-11-20	Analyzed By:	AR
Prep Batch:	37282	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<100	mg/Kg	50	2.00

### Method Blank (1)      QC Batch: 43214

QC Batch:	43214	Date Analyzed:	2007-11-20	Analyzed By:	AR
Prep Batch:	37282	QC Preparation:	2007-11-20	Prepared By:	AR

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

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

QC Batch: 43214 Date Analyzed: 2007-11-20 Analyzed By: AR  
Prep Batch: 37282 QC Preparation: 2007-11-20 Prepared By: AR

Param	LCS Result	Units	Dil	Spike Amount	Matrix Result	Rec	Rec. Limit
Chloride	99.1	mg/Kg	1	100	<0.500	99	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: 143318**

QC Batch: 43214 Date Analyzed: 2007-11-20 Analyzed By: AR  
Prep Batch: 37282 QC Preparation: 2007-11-20 Prepared By: AR

Param	MS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	4240	mg/Kg	50	5000	<25.0	85	85 - 115

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	4290	mg/Kg	50	5000	<25.0	86	85 - 115	1	20

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

**Standard (ICV-1)**

QC Batch: 43214 Date Analyzed: 2007-11-20 Analyzed By: AR

Param	Flag	Units	ICVs True Conc	ICVs Found Conc	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.0	99	85 - 115	2007-11-20

**Standard (CCV-1)**

QC Batch: 43214 Date Analyzed: 2007-11-20 Analyzed By: AR

Report Date: November 20, 2007  
Pure Gold A Fed #6

Work Order: 7111916  
Pure Gold A Fed #6

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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	2007-11-20

