

NOV 27 2007
OCD-ARTESIA

Summary Report

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

Report Date: November 21, 2007

Work Order: 7111605



Project Location: Lea County, NM
Project Name: Pure Gold B Fed. #8
Project Number: POGOPRO41PIT

30-015-35297

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
142971	BH-1	product	2007-11-15	12:02	2007-11-16
142972	BH-2	product	2007-11-15	12:15	2007-11-16
142973	BH-3	product	2007-11-15	12:29	2007-11-16
142974	BH-4	product	2007-11-15	12:41	2007-11-16

Sample: 142971 - BH-1

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

Sample: 142972 - BH-2

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

Sample: 142973 - BH-3

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

Sample: 142974 - BH-4

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



6701 Aberdeen Avenue, Suite 9
200 East Sunset Road, Suite E
5002 Basin Street, Suite A1
8808 Camp Bowie Blvd West, Suite 180

Lubbock, Texas 79424 800•378•1296
El Paso, Texas 79922 888•588•3443
Midland, Texas 79703
Ft Worth, Texas 76116
E-Mail. lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
915•585•3443 FAX 915•585•4944
432•689•6301 FAX 432•689•6313
817•201•5260 FAX 817•560•4336

Analytical and Quality Control Report

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

Report Date: November 21, 2007

Work Order: 7111605



Project Location: Lea County, NM
Project Name: Pure Gold B Fed. #8
Project Number: POGOPRO41PIT

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
142971	BH-1	product	2007-11-15	12:02	2007-11-16
142972	BH-2	product	2007-11-15	12:15	2007-11-16
142973	BH-3	product	2007-11-15	12:29	2007-11-16
142974	BH-4	product	2007-11-15	12:41	2007-11-16

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 6 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 B Fed. #8 were received by TraceAnalysis, Inc. on 2007-11-16 and assigned to work order 7111605. Samples for work order 7111605 were received intact at a temperature of 3.3 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 7111605 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: 142971 - BH-1

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43122	Date Analyzed:	2007-11-16	Analyzed By:	AR
Prep Batch:	37202	Sample Preparation:		Prepared By:	AR

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

Sample: 142972 - BH-2

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43122	Date Analyzed:	2007-11-16	Analyzed By:	AR
Prep Batch:	37202	Sample Preparation:		Prepared By:	AR

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

Sample: 142973 - BH-3

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43124	Date Analyzed:	2007-11-16	Analyzed By:	AR
Prep Batch:	37204	Sample Preparation:		Prepared By:	AR

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

Sample: 142974 - BH-4

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43124	Date Analyzed:	2007-11-16	Analyzed By:	AR
Prep Batch:	37204	Sample Preparation:		Prepared By:	AR

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

Method Blank (1) QC Batch: 43122

QC Batch:	43122	Date Analyzed:	2007-11-16	Analyzed By:	AR
Prep Batch:	37202	QC Preparation:	2007-11-16	Prepared By:	AR

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

Method Blank (1) QC Batch: 43124

QC Batch: 43124 Date Analyzed: 2007-11-16 Analyzed By: AR
 Prep Batch: 37204 QC Preparation: 2007-11-16 Prepared By: AR

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

Laboratory Control Spike (LCS-1)

QC Batch: 43122 Date Analyzed: 2007-11-16 Analyzed By: AR
 Prep Batch: 37202 QC Preparation: 2007-11-16 Prepared By: AR

Param	LCS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec Limit
Chloride	98.1	mg/Kg	1	100	<0.500	98	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	99.0	mg/Kg	1	100	<0.500	99	85 - 115	1	20

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

Laboratory Control Spike (LCS-1)

QC Batch: 43124 Date Analyzed: 2007-11-16 Analyzed By: AR
 Prep Batch: 37204 QC Preparation: 2007-11-16 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec	Rec Limit
Chloride	96.7	mg/Kg	1	100	<0.500	97	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	97.7	mg/Kg	1	100	<0.500	98	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: 142972

QC Batch: 43122 Date Analyzed: 2007-11-16 Analyzed By: AR
 Prep Batch: 37202 QC Preparation: 2007-11-16 Prepared By: AR

Param	MS Result	Units	Dil	Spike Amount	Matrix Result	Rec	Rec Limit
Chloride	4610	mg/Kg	50	5000	33.365	92	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	4660	mg/Kg	50	5000	33.365	92	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: 142783

QC Batch: 43124 Date Analyzed: 2007-11-16 Analyzed By: AR
Prep Batch: 37204 QC Preparation: 2007-11-16 Prepared By: AR

Param	MS Result	Units	Dil	Spike Amount	Matrix Result	Rec	Rec Limit
Chloride	6280	mg/Kg	50	5000	1458.94	96	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	6330	mg/Kg	50	5000	1458.94	97	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: 43122 Date Analyzed: 2007-11-16 Analyzed By: AR

Param	Flag	Units	ICVs True Conc	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-11-16

Standard (CCV-1)

QC Batch: 43122 Date Analyzed: 2007-11-16 Analyzed By: AR

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	2007-11-16

Standard (ICV-1)

QC Batch: 43124 Date Analyzed: 2007-11-16 Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-11-16

Standard (CCV-1)

QC Batch: 43124

Date Analyzed: 2007-11-16

Analyzed By: AR

Param	Flag	Units	CCVs True Conc	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.6	99	85 - 115	2007-11-16

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: **TAYLOR LPE** Phone #: **432 238-6388**
Address: (Street, City, Zip) **518 E TAYLOR HOBBS NM 88240** Fax #:
Contact Person: **EB Taylor** E-mail:
Invoice to:
(If different from above)
Project #: **PCOPRO41 PIT** Project Name: **PURE GOLD B FLD # 8**
Project Location (including state): **REA COUNTY NM** Sampler Signature: **EB**

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 3021B / 6021B BTEX 3021B / 3021B TPH 3021B / TX1005 TPH 3021B / 6021B PAH 3021B / 6021B Total Metals Ag As Ba Cd TCLP Metals Ag As TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCI GC/MS Vol 3021B / 6021B GC/MS Semi Vol 3021B / 6021B PCB's 3021B / 6021B Pesticides 3021B / 6021B BOD TSS, pH Moisture Content C1000-005	Turn Around Time if	Hold				
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME							
142971	BH-1	1			X											11/15/07	12:02			X		
972	BH-2	1			X												11/15/07	12:15			X	
973	BH-3	1			X												11/15/07	12:21			X	
974	BH-4	1			X												11/15/07	12:41			X	

Relinquished by: **EW** Date: **11/16/07** Time: **5:15** Received by: **Waymon Taylor** Date: **11-16-07** Time: **5:15**
Relinquished by: **Waymon Taylor** Date: **11/16/07** Time: **6:30** Received by: **Jellene Shelton** Date: **11/16/07** Time: **08:30**
Relinquished by: _____ Date: _____ Time: _____ Received at Laboratory by: _____ Date: _____ Time: _____

LAB USE ONLY
Intact: ☒ N
Headspace: ☒ N
Temp: **33**
Log-in/Review: _____
Carrier # **Camp**

REMARKS:
CALL W/ VERBALS
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Submission of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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