

# Closure Report

**RECEIVED**

NOV 08 2013

**INMOCD ARTESIA**

## Site Description

Site Name:	Pure Gold A Federal #2
Company:	Oxy Permian Ltd.
Legal Description:	U/L M, Section 21, T23S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.28428° W 103.79005°

## Release Data

Date of Release:	02/08/2013 and 03/05/2013
Type of Release:	Leak 1- Oil and produced water, Leak 2- Oil
Source of Release:	Leak 1- Flex coupling broke, Leak 2- Tank overflow
Volume of Release:	Leak 1- 15 bbls water, 0.5 bbls oil; Leak 2 - 15 bbls oil
Volume Recovered:	Leak 1- 7bbls, Leak 2- 0 bbls

## Remediation Specifications

Remediation Parameters:	Excavate the entire leak area inside the firewall to a depth of 2 feet. Obtain bottom samples. Backfill the excavation area with clean soil.
Remediation Activities:	10/10/2013 to 11/01/2013

Plan Sent to OCD:	09/21/2013	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	10/04/2013	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	09/21/2013	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	09/23/2013	Email from J. Van Curen to Cliff Brunson

## Supporting Documentation

Initial C-141	Both Signed 03/12/2013
Final C-141	Both Signed 11/05/2013
Site Diagram	February 2013 and March 2013
Groundwater Plot	150'
TOPO Maps	March 2013
Lab Summary	02/26/2013, 03/27/2013-03/28/2013, and 10/17/2013
Lab Analysis	02/26/2013, 03/27/2013-03/28/2013, and 10/17/2013
Correspondence	Request and approval of remediation plan via email

## Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCDA.

Cliff Brunson, President of BBC International Inc.

11/06/2013

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold A Federal #2 Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM 38464

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	21	23S	31E					Eddy

Latitude N 32.28428° Longitude W 103.79005

NATURE OF RELEASE

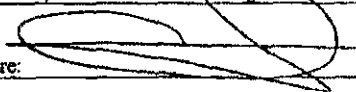
Type of Release	Oil and Produced water	Volume of Release	15 bbls water and 0.5 bbls skim oil	Volume Recovered	7 bbls
Source of Release	Flex Coupling broke on water transfer pump	Date and Hour of Occurrence	2/08/13	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher- OCD; James Arnos & Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	2/11/13 @ 7:29 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*	<b>RECEIVED</b> NOV 08 2013
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Describe Cause of Problem and Remedial Action Taken.*	<b>NMOCD ARTESIA</b>
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Describe Area Affected and Cleanup Action Taken.*
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Chancey Summers	Approved by District Supervisor:	
Title: HES Specialist	Approval Date:	Expiration Date:
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3-12-13 Phone: (575) 397-8216		

\* Attach Additional Sheets If Necessary

①

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Release Notification and Corrective Action

OPERATOR

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Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold A Federal #2 Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM 38464

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	21	23S	31E	660	South	330	West	Eddy

Latitude N 32.28428° Longitude W 103.79005

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	Tank overflow	Date and Hour of Occurrence	3/5/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher- OCD; James Amos & Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	3/6/13 @ 8:40 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

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NOV 08 2013

NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

The loss of gas caused a tank overflow spilling 15 bbls of oil onto the ground. No fluids were recovered and the source of the release was corrected.

Describe Area Affected and Cleanup Action Taken.\*

The area affected is approximately 40' x 90'. The loss of gas caused a tank overflow spilling 15 bbls of oil onto the ground. No fluids were recovered and the source of the release was corrected. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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Printed Name:	Chancey Summers	Approved by District Supervisor:	
Title:	HES Specialist	Approval Date:	Expiration Date:
E-mail Address:	Chancey.Summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date:	3-12-13	Phone:	(575) 397-8216

\* Attach Additional Sheets If Necessary

2

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**Release Notification and Corrective Action**

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold A Federal #2 Battery	Facility Type	Gathering

Surface Owner	BLM	Mineral Owner		Lease No.	NM 38464
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
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Latitude N 32.28428° Longitude W 103.79005

**NATURE OF RELEASE**

Type of Release	Oil and Produced water	Volume of Release	15 bbls water and 0.5 bbls skim oil	Volume Recovered	7 bbls
Source of Release	Flex Coupling broke on water transfer pump	Date and Hour of Occurrence	2/08/13	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher- OCD; James Amos & Jennifer Van Curen- BLM		
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If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Flex coupling on a water transfer pump broke and caused 15 bbls of water and 0.5 bbl of skim oil to leak onto the ground. 7 bbls of fluid were recovered via vacuum truck. The coupling was repaired.

Describe Area Affected and Cleanup Action Taken.\*

Flex coupling on a water transfer pump broke and caused 15 bbls of water and 0.5 bbl of skim oil to leak onto the ground. 7 bbls of fluid were recovered via vacuum truck. The coupling was repaired. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 10/04/2013 and approved by Jennifer Van Curen of the BLM via email on 09/23/2013.

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Signature:

Printed Name: Chancey Summers

Title: HES Specialist

E-mail Address: Chancey.Summers@oxy.com

Date: 11/5/13

Phone: (575) 397-8216

**OIL CONSERVATION DIVISION**

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

\* Attach Additional Sheets If Necessary

2RP-1588

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Surface Owner	BLM	Mineral Owner		Lease No.	NM 38464
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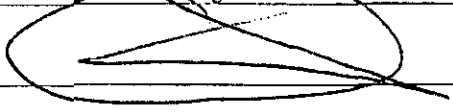
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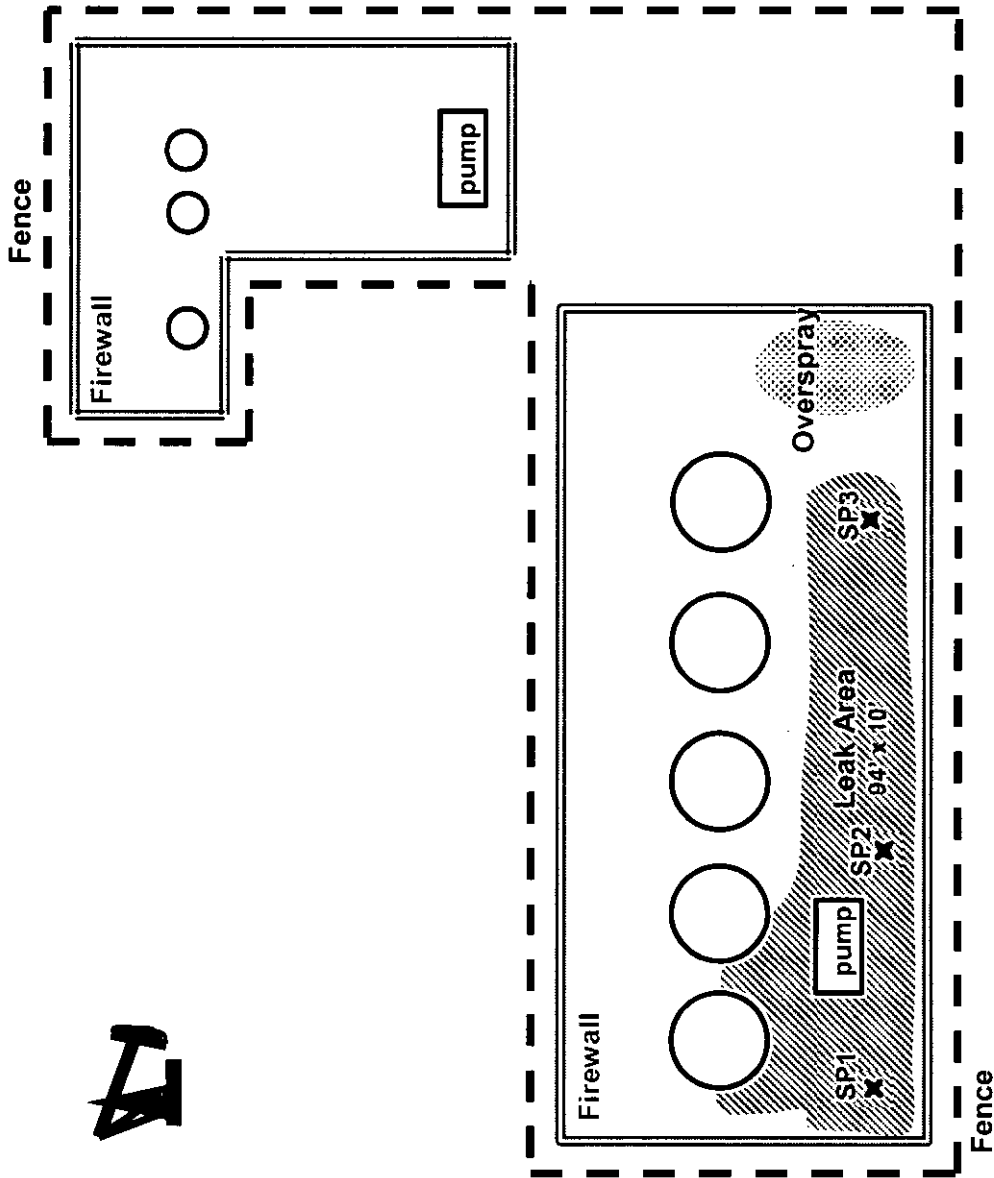
2RP-1585

②

N ↑

Oxy

Pure Gold A Federal #2 Battery



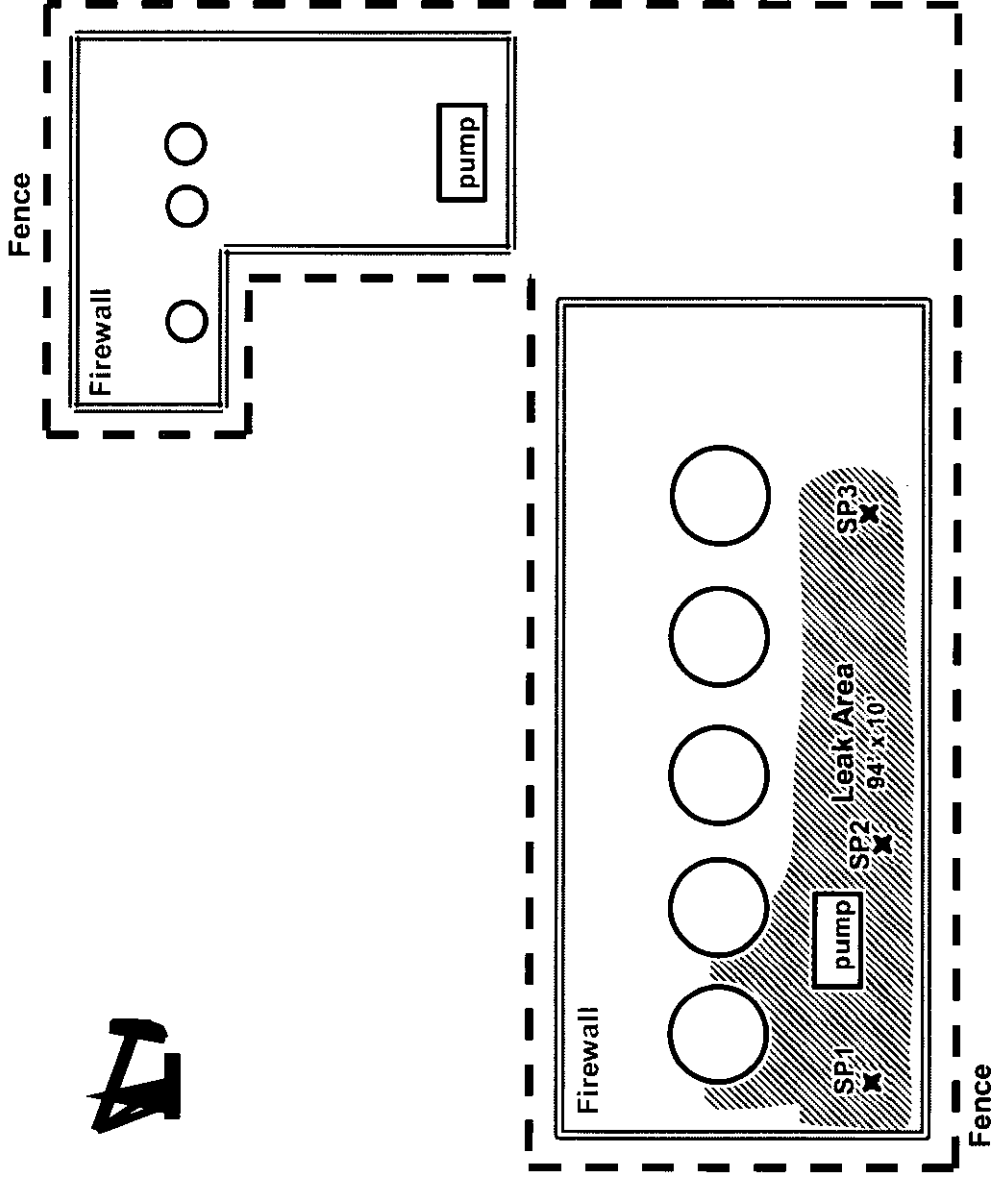
U/L M, Section 21, T23S, R31E  
 660' FSL and 330' FWL  
 Eddy County, NM  
 N 32.28436° W 103.79001°  
 API# 30-015-27243

BBC International, Inc.	
Oxy	
Pure Gold A Federal #2 Battery	
Date: 02/13/2013	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013

N ↑

Oxy

Pure Gold A Federal #2 Battery



U/L M, Section 21, T23S, R31E  
 660' FSL and 330' FWL  
 Eddy County, NM  
 N 32.28436° W 103.79001°  
 API# 30-015-27243

BBC International, Inc.	
Oxy	
Pure Gold A Federal #2 Battery	
Date: 03/27/2013	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013



# Groundwater Plot

## Oxy Pure Gold A Federal #2

County  
Eddy

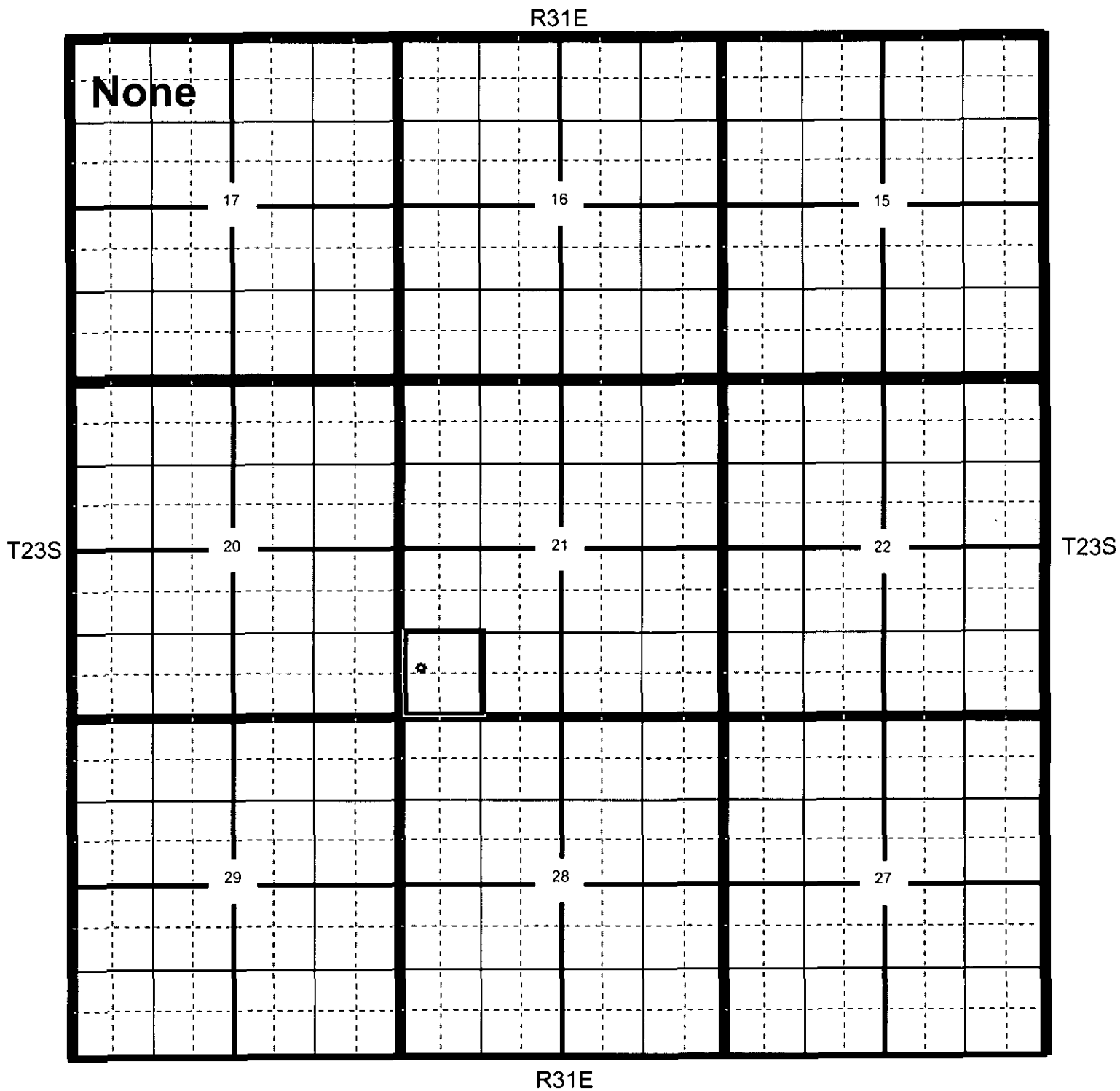
Unit Letter  
M

Section  
21

Township  
23S

Range  
31E

Trend Map 150'



★ Location

● OCD

● USGS

● SEO

● All Databases



# Oxy Pure Gold A Federal #2 Battery

County Eddy      Unit Letter M      Section 21      Township 23S      Range 31E

Trend Map 150'

1

2

NW/NW <b>None</b> Unit Letter D	NE/NW Unit Letter C	NW/NE Unit Letter B	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit Letter O	SE/SE Unit Letter P

3

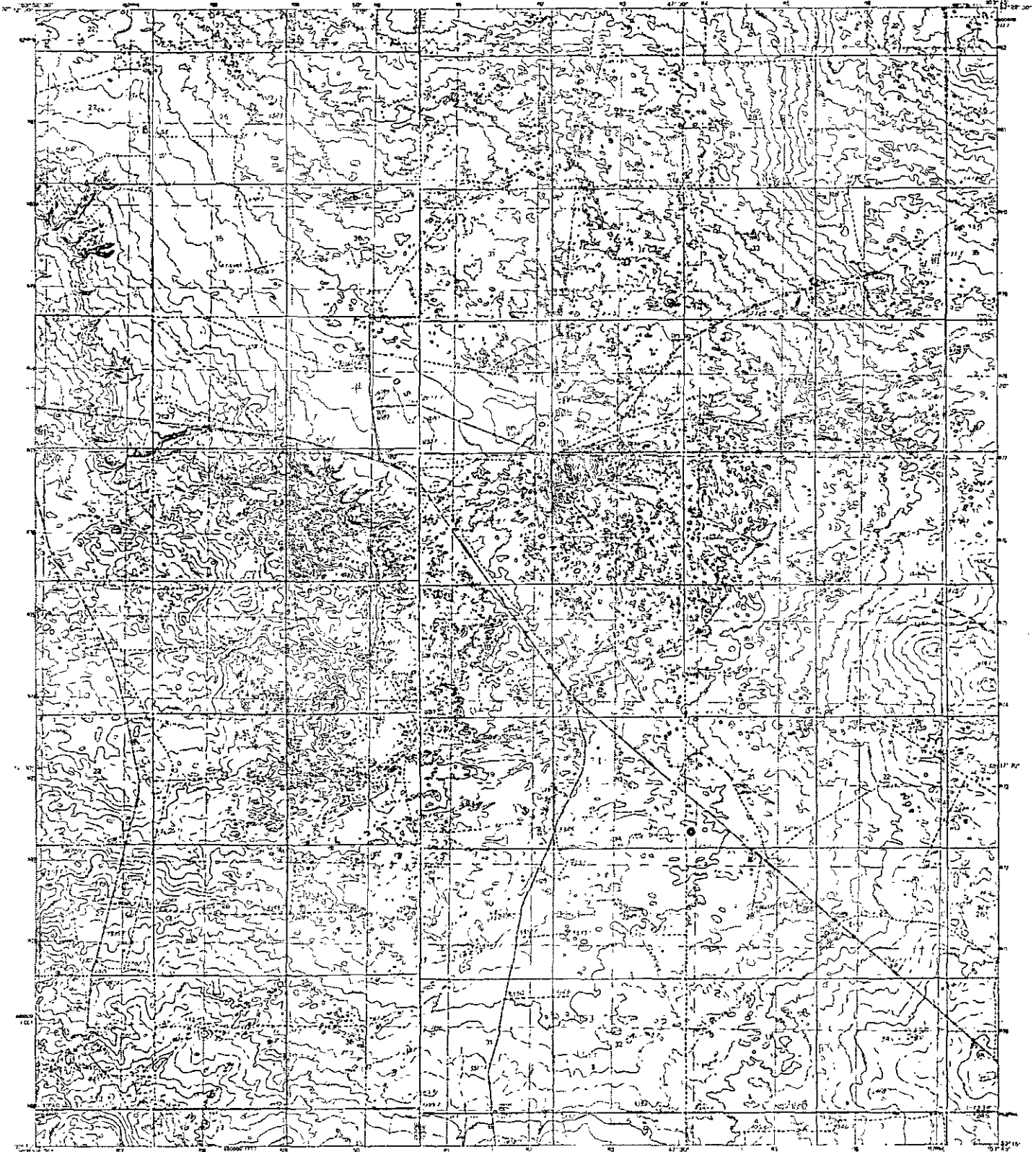
4

# Oxy

## Pure Gold A Federal #2 Battery

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOS MIDDANOS QUADRANGLE  
NEW MEXICO  
7.5 MINUTE SERIES (TOP GRAPHIC)



Produced by the United States Geological Survey, in cooperation with the Bureau of Reclamation, U.S. Army Corps of Engineers, and the New Mexico State Engineer. This map is a reproduction of a map published by the United States Geological Survey, in cooperation with the Bureau of Reclamation, U.S. Army Corps of Engineers, and the New Mexico State Engineer. It is not to be used for any purpose other than that for which it was originally published. The map is a reproduction of a map published by the United States Geological Survey, in cooperation with the Bureau of Reclamation, U.S. Army Corps of Engineers, and the New Mexico State Engineer. It is not to be used for any purpose other than that for which it was originally published.

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown is of date of  
field check.

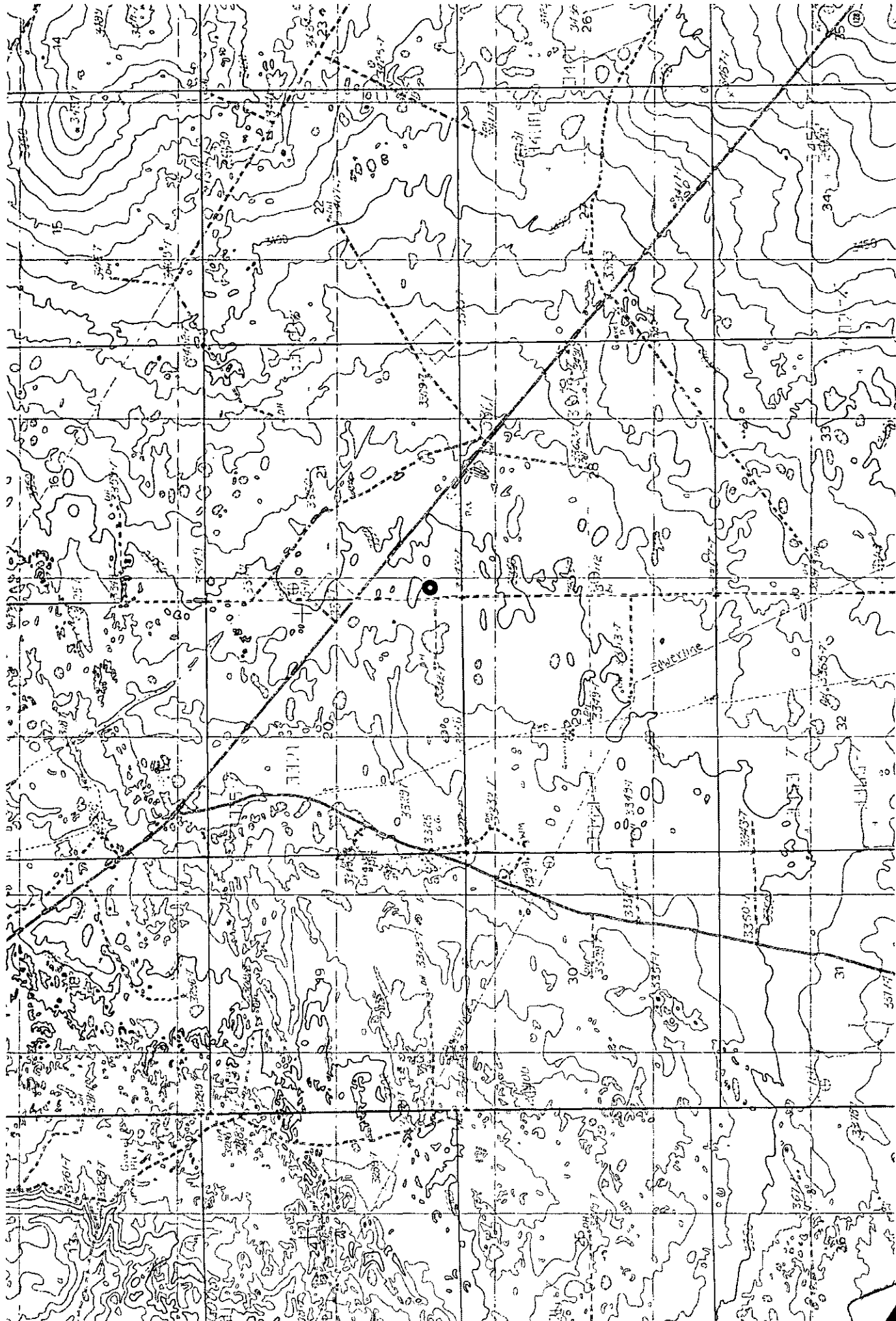
THIS MAP COMPLETES THE NATIONAL MAP ACTIVITY IN NEW MEXICO  
FOR SALE BY THE GEOLOGICAL SURVEY, WASHINGTON, D.C. 20508  
FOR REPRODUCTION, CONTACT THE GEOLOGICAL SURVEY

Symbol	Description
—	Improved Road
- - -	Unimproved Road
○	Spot Elevation
□	Water
○	Well
○	Spring
○	Shaded Relief
○	Spot Elevation
○	Well
○	Spring
○	Shaded Relief

LOS MIDDANOS, NEW MEXICO  
PROVISIONAL EDITION, 1981  
1:25,000

Oxy

Pure Gold A Federal #2 Battery



**Laboratory Analytical Results Summary  
Pure Gold A Federal #2**

Analyte	Method	Sample Date	SP1 @ SURFACE 2/28/13 mg/Kg	SP1 @ 1' 2/28/13 mg/Kg	SP1 @ 2' 2/28/13 mg/Kg	SP1 @ 3' 2/28/13 mg/Kg	SP1 @ 4' 2/28/13 mg/Kg
Benzene	BTEX 8021B		3.46	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		16.9	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		16.7	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		51.9	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		89	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		816	7040	336	80	144
GRO	TPH 8015M		3600	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		25400	n/a	18.6	n/a	n/a

Analyte	Method	Sample Date	SP2 @ SURFACE 2/28/13 mg/Kg	SP2 @ 1' 2/28/13 mg/Kg	SP2 @ 2' 2/28/13 mg/Kg	SP2 @ 3' 2/28/13 mg/Kg	SP2 @ 4' 2/28/13 mg/Kg
Benzene	BTEX 8021B		3.05	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		16.1	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		16.6	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		46	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		81.7	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		1280	6480	400	80	144
GRO	TPH 8015M		3120	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		22700	n/a	18.3	n/a	n/a

Analyte	Method	Sample Date	SP3 @ SURFACE 2/28/13 mg/Kg	SP3 @ 1' 2/28/13 mg/Kg	SP3 @ 2' 2/28/13 mg/Kg	SP3 @ 3' 2/28/13 mg/Kg	SP3 @ 4' 2/28/13 mg/Kg
Benzene	BTEX 8021B		2.78	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		12.8	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		12.8	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		34.3	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		62.7	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		864	7120	416	96	144
GRO	TPH 8015M		3620	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		26300	n/a	26.4	n/a	n/a

**Laboratory Analytical Results Summary  
Pure Gold A Federal #2**

Analyte	Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 5'	SP1 @ 7'	SP1 @ 9'
	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
	Method	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B	2.97	<0.050	<0.050	0.177	<0.050	<0.050
Toluene	BTEX 8021B	13.6	0.106	0.066	1.95	<0.050	<0.050
Ethylbenzene	BTEX 8021B	14.5	0.122	0.395	4.6	0.204	<0.050
Total Xylenes	BTEX 8021B	41.3	0.35	0.896	11.8	0.492	<0.150
Total BTEX	BTEX 8021B	72.3	0.578	1.36	18.6	0.696	<0.300
Chloride	SM4500Cl-B	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M	4710	<10.0	80.5	751	<50.0	<10.0
DRO	TPH 8015M	12000	26.6	1140	4760	892	101

Analyte	Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 5'	SP2 @ 7'	SP2 @ 9'
	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
	Method	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B	2.21	<0.050	<0.050	0.452	<0.050	<0.050
Toluene	BTEX 8021B	15.1	0.117	0.404	1.82	<0.050	<0.050
Ethylbenzene	BTEX 8021B	19.4	0.144	1.09	3.72	0.062	<0.050
Total Xylenes	BTEX 8021B	53.9	0.406	2.67	9.07	0.177	<0.150
Total BTEX	BTEX 8021B	90.6	0.667	4.16	15.1	<0.300	<0.300
Chloride	SM4500Cl-B	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M	3910	<10.0	337	583	<50.0	<10.0
DRO	TPH 8015M	11300	268	2300	3960	530	101

Analyte	Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'	SP3 @ 9'
	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
	Method	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B	3.82	<0.050	<0.050	0.104	<0.050	<0.050
Toluene	BTEX 8021B	16.4	0.184	0.054	1.1	<0.050	<0.050
Ethylbenzene	BTEX 8021B	19.1	0.194	0.159	2.71	0.068	<0.050
Total Xylenes	BTEX 8021B	51.1	0.528	0.434	6.07	0.169	<0.150
Total BTEX	BTEX 8021B	90.4	0.905	0.647	9.98	<0.300	<0.300
Chloride	SM4500Cl-B	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M	4210	<10.0	70.7	329	<10.0	<10.0
DRO	TPH 8015M	11600	266	869	2460	462	71.1

Laboratory Analytical Results Summary  
Pure Gold A Federal #2

Analyte	Method	SP1 @ BOTTOM	
		Sample Date	10/17/13 mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	SP2 @ BOTTOM	
		Sample Date	10/17/13 mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	SP3 @ BOTTOM	
		Sample Date	10/17/13 mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

March 07, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD A FED #2

Enclosed are the results of analyses for samples received by the laboratory on 02/27/13 9:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

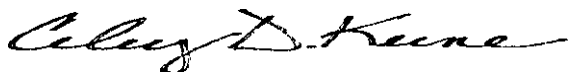
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ SURFACE (H300512-01)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>3.46</b>	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34	
<b>Toluene*</b>	<b>16.9</b>	0.200	03/04/2013	ND	2.10	105	2.00	1.71	
<b>Ethylbenzene*</b>	<b>16.7</b>	0.200	03/04/2013	ND	2.11	106	2.00	1.41	
<b>Total Xylenes*</b>	<b>51.9</b>	0.600	03/04/2013	ND	6.39	106	6.00	1.43	
<b>Total BTEX</b>	<b>89.0</b>	1.20	03/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 339 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>816</b>	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>3600</b>	100	03/01/2013	ND	227	114	200	15.8	
<b>DRO &gt;C10-C28</b>	<b>25400</b>	100	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 295 % 65.2-140

Surrogate: 1-Chlorooctadecane 802 % 63.6-154

**Sample ID: SP 1 @ 1' (H300512-02)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7040</b>	16.0	03/04/2013	ND	416	104	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 02/27/2013  
Reported: 03/07/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/26/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 2' (H300512-03)**

BTEX 8021B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2013	ND	1.98	98.9	2.00	2.34		
Toluene*	<0.050	0.050	03/04/2013	ND	2.10	105	2.00	1.71		
Ethylbenzene*	<0.050	0.050	03/04/2013	ND	2.11	106	2.00	1.41		
Total Xylenes*	<0.150	0.150	03/04/2013	ND	6.39	106	6.00	1.43		
Total BTEX	<0.300	0.300	03/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 125 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	18.6	10.0	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

**Sample ID: SP 1 @ 3' (H300512-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2013	ND	416	104	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 02/27/2013  
Reported: 03/07/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/26/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 4' (H300512-05)**

Chloride, SM4500Cl-B			mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/04/2013	ND	416	104	400	0.00		

**Sample ID: SP 2 @ SURFACE (H300512-06)**

BTEX 8021B			mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	3.05	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34		
Toluene*	16.1	0.200	03/04/2013	ND	2.10	105	2.00	1.71		
Ethylbenzene*	16.6	0.200	03/04/2013	ND	2.11	106	2.00	1.41		
Total Xylenes*	46.0	0.600	03/04/2013	ND	6.39	106	6.00	1.43		
Total BTEX	81.7	1.20	03/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 371 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3120	100	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	22700	100	03/01/2013	ND	224	112	200	18.0	

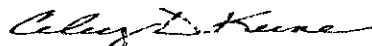
Surrogate: 1-Chlorooctane 281 % 65.2-140

Surrogate: 1-Chlorooctadecane 757 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

 Received: 02/27/2013  
 Reported: 03/07/2013  
 Project Name: PURE GOLD A FED #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 02/26/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 1' (H300512-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	03/04/2013	ND	416	104	400	0.00	

**Sample ID: SP 2 @ 2' (H300512-08)**

BTEX 8021B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2013	ND	1.98	98.9	2.00	2.34		
Toluene*	<0.050	0.050	03/04/2013	ND	2.10	105	2.00	1.71		
Ethylbenzene*	<0.050	0.050	03/04/2013	ND	2.11	106	2.00	1.41		
Total Xylenes*	<0.150	0.150	03/04/2013	ND	6.39	106	6.00	1.43		
Total BTEX	<0.300	0.300	03/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 124 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	18.3	10.0	03/01/2013	ND	224	112	200	18.0	

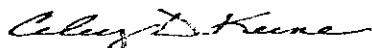
Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 3' (H300512-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/04/2013	ND	416	104	400	0.00		

**Sample ID: SP 2 @ 4' (H300512-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/04/2013	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ SURFACE (H300512-11)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.78</b>	0.100	03/07/2013	ND	1.80	90.2	2.00	2.29	
<b>Toluene*</b>	<b>12.8</b>	0.100	03/07/2013	ND	1.91	95.3	2.00	2.42	
<b>Ethylbenzene*</b>	<b>12.8</b>	0.100	03/07/2013	ND	1.90	95.2	2.00	2.95	
<b>Total Xylenes*</b>	<b>34.3</b>	0.300	03/07/2013	ND	5.87	97.8	6.00	2.95	
<b>Total BTEX</b>	<b>62.7</b>	0.600	03/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 504 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>864</b>	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>3620</b>	100	03/01/2013	ND	227	114	200	15.8	
<b>DRO &gt;C10-C28</b>	<b>26300</b>	100	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 289 % 65.2-140

Surrogate: 1-Chlorooctadecane 898 % 63.6-154

**Sample ID: SP 3 @ 1' (H300512-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7120</b>	16.0	03/04/2013	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H300512-13)**

BTEX 8021B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2013	ND	1.80	90.2	2.00	2.29		
Toluene*	<0.050	0.050	03/06/2013	ND	1.91	95.3	2.00	2.42		
Ethylbenzene*	<0.050	0.050	03/06/2013	ND	1.90	95.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	03/06/2013	ND	5.87	97.8	6.00	2.95		
Total BTEX	<0.300	0.300	03/06/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 113 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/04/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	26.4	10.0	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 97.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

**Sample ID: SP 3 @ 3' (H300512-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/04/2013	ND	416	104	400	3.77	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

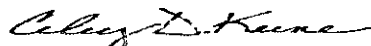
**Sample ID: SP 3 @ 4' (H300512-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/04/2013	ND	416	104	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

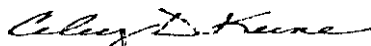
- S-06      The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04      The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND        Analyte NOT DETECTED at or above the reporting limit
- RPD      Relative Percent Difference
- \*\*        Samples not received at proper temperature of 6°C or below.
- \*\*\*      Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Cardinal Laboratories

\*=Accredited Analyte

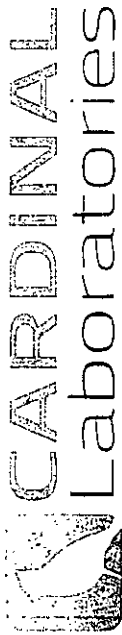
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Celey D. Keene, Lab Director/Quality Manager





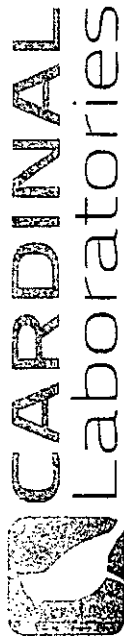
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

BILL TO		ANALYSIS REQUEST															
P.O. #:		Company:		Attn:		Address:		City:		State:		Zip:		Phone #:		Fax #:	
Company Name: <u>BRE - International</u>		City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>		Attn: <u>Sam</u>		Address: <u>Sam</u>		City: <u>Sam</u>		State: <u>Sam</u>		Zip: <u>Sam</u>	
Project Manager: <u>Wally Benson</u>		Phone #:		Fax #:		Project Owner: <u>CH</u>		Project Name: <u>Jack Gold A Feed # 2</u>		Project Location: <u>DoH</u>		Sampler Name: <u>DoH</u>		FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	MATRIX	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME			
13000310	SP100 Sample	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	10:55	✓	✓	✓
2	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	10:40	✓	✓	✓
3	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	10:59	✓	✓	✓
4	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	11:15	✓	✓	✓
5	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	11:35	✓	✓	✓
6	SP200 Sample	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	12:00	✓	✓	✓
7	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	12:19	✓	✓	✓
8	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	12:48	✓	✓	✓
9	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	1:00	✓	✓	✓
10	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	1:27	✓	✓	✓

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising out of this agreement shall be limited to the amount paid by the client for the analyses. All claims for negligence and any other claims whatsoever shall be limited to the amount paid by the client for the analyses. Cardinal shall not be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder. Cardinal's liability shall be limited to the amount paid by the client for the analyses.

Relinquished By: <u>DoH</u>	Date: <u>2-27-13</u>	Received By: <u>Wally Benson</u>	Date: <u>2-27-13</u>
Relinquished By: <u>DoH</u>	Time: <u>4:05</u>	Received By: <u>DoH</u>	Time: <u>4:05</u>
Delivered By: (Circle One)	Sample Condition	Checked By: (Initials)	
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>BBC Industrial</u>		P.O. #:		BILL TO ANALYSIS REQUEST																																					
Project Manager:		Company:																																							
Address:		Attn:																																							
City:		Address:																																							
State:		City:																																							
Zip:		State:																																							
Phone #:		Phone #:																																							
Fax #:		Fax #:																																							
Project #:		Project Owner:																																							
Project Name:		Project Location:																																							
Sampler Name:		Sampler Name:																																							
FOR LAB USE ONLY		Matrix		PRESERV		SAMPLING																																			
Lab I.D.		Sample I.D.		(G) RAB OR (C) OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME															
H300512		SP 300 512/66		G 1		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		20-13		205													
11		P 1		G 1		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		20-13		718													
12		P 2		G 1		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		20-13		231													
13		P 3		G 1		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		20-13		247													
14		P 4		G 1		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		20-13		309													
15																																									

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Relinquished By: <u>[Signature]</u>	Date: <u>8-27-13</u>	Received By: <u>[Signature]</u>	Date: <u>9-15</u>	Time: <u>9:15</u>	Time: <u>...</u>	Time: <u>...</u>
Relinquished By:	Date:	Received By:	Date:	Time:	Time:	Time:
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)				
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>					
	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>					



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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April 08, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD A FED #2

Enclosed are the results of analyses for samples received by the laboratory on 04/02/13 8:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 1' (H300772-01)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.97</b>	0.500	04/08/2013	ND	2.02	101	2.00	0.606	
<b>Toluene*</b>	<b>13.6</b>	0.500	04/08/2013	ND	2.23	112	2.00	0.756	
<b>Ethylbenzene*</b>	<b>14.5</b>	0.500	04/08/2013	ND	2.32	116	2.00	0.556	
<b>Total Xylenes*</b>	<b>41.3</b>	1.50	04/08/2013	ND	6.90	115	6.00	0.229	
<b>Total BTEX</b>	<b>72.3</b>	3.00	04/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 184 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>4710</b>	50.0	04/02/2013	ND	191	95.5	200	2.72	
<b>DRO &gt;C10-C28</b>	<b>12000</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	

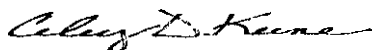
Surrogate: 1-Chlorooctane 277 % 65.2-140

Surrogate: 1-Chlorooctadecane 352 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 2' (H300772-02)**

BTEX 80218		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	0.106	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	0.122	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	0.350	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	0.578	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 120 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	26.6	10.0	04/02/2013	ND	198	99.2	200	7.84	

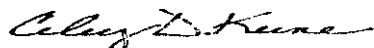
Surrogate: 1-Chlorooctane 86.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 3' (H300772-03)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	0.066	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	0.395	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	0.896	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	1.36	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 191 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	
TPH 8015M		mg/kg		Analyzed By: MS					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	80.5	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	1140	50.0	04/02/2013	ND	198	99.2	200	7.84	

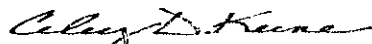
Surrogate: 1-Chlorooctane 91.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 134 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 5' (H300772-04)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.177</b>	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
<b>Toluene*</b>	<b>1.95</b>	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
<b>Ethylbenzene*</b>	<b>4.60</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
<b>Total Xylenes*</b>	<b>11.8</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
<b>Total BTEX</b>	<b>18.6</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 527 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>751</b>	50.0	04/02/2013	ND	191	95.5	200	2.72	
<b>DRO &gt;C10-C28</b>	<b>4760</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	

Surrogate: 1-Chlorooctane 150 % 65.2-140

Surrogate: 1-Chlorooctadecane 194 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: SP 1 @ 7' (H300772-05)

BTX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	<0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	<b>0.204</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	<b>0.492</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTX	<b>0.696</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 159 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	<b>892</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	

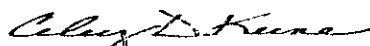
Surrogate: 1-Chlorooctane 82.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 123 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 9' (H300772-06)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	<0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72		
DRO >C10-C28	101	10.0	04/02/2013	ND	198	99.2	200	7.84		

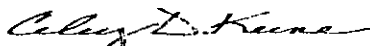
Surrogate: 1-Chlorooctane 99.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

 Received: 04/02/2013  
 Reported: 04/08/2013  
 Project Name: PURE GOLD A FED #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 03/27/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 1' (H300772-07)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.21	0.100	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	15.1	0.100	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	19.4	0.100	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	53.9	0.300	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	90.6	0.600	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 681 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3910	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	11300	50.0	04/02/2013	ND	198	99.2	200	7.84	

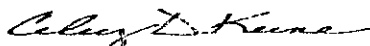
Surrogate: 1-Chlorooctane 261 % 65.2-140

Surrogate: 1-Chlorooctadecane 338 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 2' (H300772-08)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	0.117	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	0.144	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	0.406	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	0.667	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 123 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	268	10.0	04/02/2013	ND	198	99.2	200	7.84	

Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 131 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 3' (H300772-09)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	<b>0.404</b>	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	<b>1.09</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	<b>2.67</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	<b>4.16</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 247 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<b>337</b>	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	<b>2300</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	


Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 144 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 5' (H300772-10)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.452	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	1.82	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	3.72	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	9.07	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	15.1	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 517 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	583	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	3960	50.0	04/02/2013	ND	198	99.2	200	7.84	

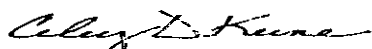
Surrogate: 1-Chlorooctane 139 % 65.2-140

Surrogate: 1-Chlorooctadecane 179 % 63.6-154

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Caley D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 7' (H300772-11)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	0.062	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.177	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	<0.300	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 120 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	530	50.0	04/02/2013	ND	198	99.2	200	7.84	

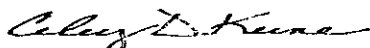
Surrogate: 1-Chlorooctane 82.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 124 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 9' (H300772-12)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72		
DRO >C10-C28	101	10.0	04/02/2013	ND	198	99.2	200	7.84		

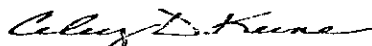
Surrogate: 1-Chlorooctane 93.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 04/02/2013  
Reported: 04/08/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 03/27/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 1' (H300772-13)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.82	0.200	04/05/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	16.4	0.200	04/05/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	19.1	0.200	04/05/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	51.1	0.600	04/05/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	90.4	1.20	04/05/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 374 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4210	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	11600	50.0	04/02/2013	ND	198	99.2	200	7.84	

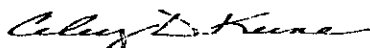
Surrogate: 1-Chlorooctane 271 % 65.2-140

Surrogate: 1-Chlorooctadecane 343 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H300772-14)**

BTX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	<b>0.184</b>	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	<b>0.194</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	<b>0.528</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTX	<b>0.905</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 132 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/03/2013	ND	205	103	200	4.44	
DRO >C10-C28	<b>266</b>	10.0	04/03/2013	ND	199	99.6	200	3.61	

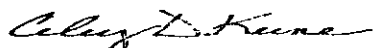
Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 3' (H300772-15)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	0.054	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	0.159	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.434	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	0.647	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 139 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	70.7	50.0	04/03/2013	ND	205	103	200	4.44	
DRO >C10-C28	869	50.0	04/03/2013	ND	199	99.6	200	3.61	

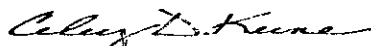
Surrogate: 1-Chlorooctane 85.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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\*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 5' (H300772-16)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.104</b>	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
<b>Toluene*</b>	<b>1.10</b>	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
<b>Ethylbenzene*</b>	<b>2.71</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
<b>Total Xylenes*</b>	<b>6.07</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
<b>Total BTEX</b>	<b>9.98</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 430 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>329</b>	50.0	04/03/2013	ND	205	103	200	4.44	
<b>DRO &gt;C10-C28</b>	<b>2460</b>	50.0	04/03/2013	ND	199	99.6	200	3.61	

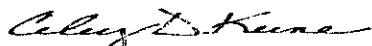
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 7' (H300772-17)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	0.068	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	0.169	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/03/2013	ND	205	103	200	4.44		
<b>DRO &gt;C10-C28</b>	<b>462</b>	10.0	04/03/2013	ND	199	99.6	200	3.61		

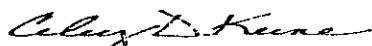
Surrogate: 1-Chlorooctane 99.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 9' (H300772-18)**

BTEX 80218		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/03/2013	ND	205	103	200	4.44		
DRO >C10-C28	71.1	10.0	04/03/2013	ND	199	99.6	200	3.61		

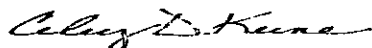
Surrogate: 1-Chlorooctane 95.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

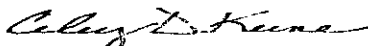
- S-06      The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04      The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND      Analyte NOT DETECTED at or above the reporting limit
- RPD      Relative Percent Difference
- \*\*      Samples not received at proper temperature of 6°C or below.
- \*\*\*      Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		Company:													
Address: P.O. Box 805		Attn:													
City: Hobbs		State: NM Zip: 88241													
Phone #: 575-397-6388		Fax #: 575-397-0397													
Project #: 000		Project Owner: OXY													
Project Name: PURE GOLD A FED #2		City:													
Project Location:		State: Zip:													
Sampler Name: ROGER HERNANDEZ		Phone #:													
Fax #:															

Lab I.D.	Sample I.D.	MATRIX			PRESERV			DATE	TIME	TPH	BTEX	CL-
		GROUNDWATER	WASTEWATER	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL					
1	SP10 1'	✓	✓	✓	✓	✓	3-27-13	0948	✓	✓	✓	✓
2	2'	✓	✓	✓	✓	✓	3-27-13	1008	✓	✓	✓	✓
3	3'	✓	✓	✓	✓	✓	3-27-13	1029	✓	✓	✓	✓
4	3'	✓	✓	✓	✓	✓	3-27-13	1120	✓	✓	✓	✓
5	3'	✓	✓	✓	✓	✓	3-28-13	0915	✓	✓	✓	✓
6	9'	✓	✓	✓	✓	✓	3-28-13	1000	✓	✓	✓	✓
7	SP20 1'	✓	✓	✓	✓	✓	3-27-13	1258	✓	✓	✓	✓
8	2'	✓	✓	✓	✓	✓	3-28-13	1211	✓	✓	✓	✓
9	3'	✓	✓	✓	✓	✓	3-28-13	143	✓	✓	✓	✓
10	5'	✓	✓	✓	✓	✓	3-28-13	215	✓	✓	✓	✓

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Relinquished By: Roger Hernandez	Received By: Dai Benson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
REMARKS:			

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	(Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26



**CARDINAL LABORATORIES**  
101 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

222

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Owner:</b> OXY <b>Project Name:</b> PURE GOLD A FED #2 <b>Project Location:</b> <b>Sampler Name:</b> ROGER HERNANDEZ <b>FOR LAB USE ONLY</b>										<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> SAME <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>										<b>ANALYSIS REQUEST</b>									
Lab I.D.	Sample I.D.	(G) RAB OR (C) OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME	TPH	BTEX	CL-											
11	SP 2 @ 7'	G	1											3-28-98	1050														
12	SP 2 @ 4'	G	1											3-28-98	1142														
13	SP 3 @ 1'	G	1											3-27-98	318														
14	SP 2 @ 2'	G	1											3-27-98	334														
15	SP 3 @ 3'	G	1											3-27-98	349														
16	SP 2 @ 5'	G	1											3-27-98	410														
17	SP 2 @ 7'	G	1											3-28-98	1240														
18	SP 2 @ 9'	G	1											3-28-98	1378														
<b>Relinquished By:</b> Roger Hernandez <b>Received By:</b> Joaquin Mendonza <b>Relinquished By:</b> <b>Received By:</b> <b>Delivered By: (Circle One)</b> <b>Checked By:</b> <b>Sampler - UPS - Bus - Other:</b>																													

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<b>Relinquished By:</b> <b>Relinquished By:</b> <b>Delivered By: (Circle One)</b> <b>Sampler - UPS - Bus - Other:</b>	<b>Received By:</b> <b>Received By:</b> <b>Checked By:</b> <b>Sample Condition</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Sealed <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>REMARKS:</b> 
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# 26





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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October 22, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD A FED #2

Enclosed are the results of analyses for samples received by the laboratory on 10/18/13 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Caley D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 10/18/2013  
Reported: 10/22/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: EDDY COUNTY, NM

Sampling Date: 10/17/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ BOTTOM (H302523-01)**

BTEX 8021B		mg/kg	Analyzed By: MS					A-01	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2013	ND	2.01	101	2.00	3.40	
Toluene*	<0.050	0.050	10/21/2013	ND	2.11	106	2.00	1.78	
Ethylbenzene*	<0.050	0.050	10/21/2013	ND	2.14	107	2.00	3.66	
Total Xylenes*	<0.150	0.150	10/21/2013	ND	6.39	106	6.00	4.56	
Total BTEX	<0.300	0.300	10/21/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 87.8 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2013	ND	201	100	200	3.46	
DRO >C10-C28	<10.0	10.0	10/21/2013	ND	191	95.4	200	2.77	

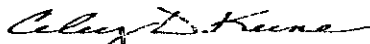
Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 10/18/2013  
Reported: 10/22/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: EDDY COUNTY, NM

Sampling Date: 10/17/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ BOTTOM (H302523-02)**

BTEX 8021B		mg/kg		Analyzed By: MS				A-01	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2013	ND	2.01	101	2.00	3.40	
Toluene*	<0.050	0.050	10/21/2013	ND	2.11	106	2.00	1.78	
Ethylbenzene*	<0.050	0.050	10/21/2013	ND	2.14	107	2.00	3.66	
Total Xylenes*	<0.150	0.150	10/21/2013	ND	6.39	106	6.00	4.56	
Total BTEX	<0.300	0.300	10/21/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 87.7 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2013	ND	201	100	200	3.46	
DRO >C10-C28	<10.0	10.0	10/21/2013	ND	191	95.4	200	2.77	

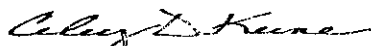
Surrogate: 1-Chlorooctane 107 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 10/18/2013  
Reported: 10/22/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: EDDY COUNTY, NM

Sampling Date: 10/17/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ BOTTOM (H302523-03)**

BTEX 8021B			mg/kg		Analyzed By: MS				A-01	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2013	ND	2.01	101	2.00	3.40		
Toluene*	<0.050	0.050	10/21/2013	ND	2.11	106	2.00	1.78		
Ethylbenzene*	<0.050	0.050	10/21/2013	ND	2.14	107	2.00	3.66		
Total Xylenes*	<0.150	0.150	10/21/2013	ND	6.39	106	6.00	4.56		
Total BTEX	<0.300	0.300	10/21/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 86.0 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2013	ND	201	100	200	3.46	
DRO >C10-C28	<10.0	10.0	10/21/2013	ND	191	95.4	200	2.77	

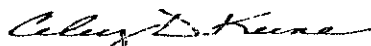
Surrogate: 1-Chlorooctane 107 % 65.2-140

Surrogate: 1-Chlorooctadecane 116 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

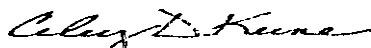
A-01	Surrogate recovery outside historical limits, but within method limits of 80-120%.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Cardinal Laboratories

\*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**RDINAL LABORATORIES**  
101 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST							
Project Manager: Cliff Brunson				P.O. #:											
Address: P.O. Box 805				Company:											
City: Hobbs				Attn:											
Phone #: 575-397-6388				Address:											
Project #: _____				City:											
Project Name: Pure Gold A Federal #2				State:											
Project Location: Eddy County, NM				Zip:											
Sampler Name: Price Brunson				Phone #:											
FOR LAB USE ONLY				Fax #:											
Lab I.D.  H3D2523		Sample I.D.		# CONTAINERS 1 G(RAB OR C)OMP.		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME 10/17/13 2:30 pm 10/17/13 2:35 pm 10/17/13 2:40 pm  LAB 10/18/13		TPH BTEX CI			
1 SP1 @ Bottom				6											
2 SP2 @ Bottom				6											
3 SP3 @ Bottom				6											
Relinquished By: [Signature]		Received By: [Signature]		Date: 10/18/13		Time: 3:00pm		Relinquished By: [Signature]		Received By: [Signature]		Date: 10/18/13		Time: 10:00am	
Delivered By: (Circle One)															
Sampler - UPS - Bus - Other:															

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Relinquished By: [Signature]		Received By: [Signature]		Date: 10/18/13		Time: 3:00pm	
Relinquished By: [Signature]		Received By: [Signature]		Date: 10/18/13		Time: 10:00am	
Delivered By: (Circle One)							
Sampler - UPS - Bus - Other:							

**5.8%**

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-5276

#54

## Kathy Purvis

---

**From:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Sent:** Friday, October 04, 2013 7:39 AM  
**To:** Cliff P. Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** RE: OXY-Pure Gold A Federal #2 Battery-Remediation Plan

CORRECTION: The date of release for 2RP-1585 is: 3/5/2013, not 2/5/2013 as was listed in the approval.

Mike Bratcher  
NMOCD District 2  
811 S. First Street  
Artesia, NM 88210  
O: 575-748-1283 X108  
C: 575-626-0857  
F: 575-748-9720

---

**From:** Bratcher, Mike, EMNRD  
**Sent:** Friday, October 04, 2013 7:31 AM  
**To:** 'Cliff P. Brunson'  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** RE: OXY-Pure Gold A Federal #2 Battery-Remediation Plan

Reference: OXY USA \* Pure Gold A Fed 2 \* 30-015-27243 \* M-21-23s-31e \* Eddy County, New Mexico  
Remediation proposal is for two fluid releases at this site.  
1. OCD Tracking Number: 2RP-1588 \* Date of release: 2/8/2013  
2. OCD Tracking Number: 2RP-1585 \* Date of release: 2/5/2013

Cliff,

Your proposal to excavate and haul to disposal, 2 feet of material across the entire impacted area, is approved. This proposal will address both release events as referenced above. Upon satisfactory completion of the project, please submit separate Final Report C-141s for each release event, and two hard copies of the closure report. Please notify the OCD District 2 office prior to commencement of remedial activities. Approval by BLM is also required for remediation on federal sites.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher  
NMOCD District 2  
811 S. First Street  
Artesia, NM 88210  
O: 575-748-1283 X108  
C: 575-626-0857

F: 575-748-9720

---

**From:** Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]  
**Sent:** Saturday, September 21, 2013 4:10 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** OXY-Pure Gold A Federal #2 Battery-Remediation Plan

Mike,

This e-mail is to confirm our conversation the other day about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As you may recall, there was two leaks that occurred at this site within weeks of each other. This remediation plan will address both leaks. As discussed, Oxy will excavate the entire leak area inside the battery firewall to a depth of 2 feet and then backfill the site with the appropriate type of clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.  
Hobbs, NM 88240 USA  
Phone: (575) 397-6388  
Fax: (575) 397-0397  
E-Mail: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)

\*\*\*\*\*

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\*\*\*\*\*



## Kathy Purvis

---

**From:** Van Curen, Jennifer <jvancure@blm.gov>  
**Sent:** Monday, September 23, 2013 11:47 AM  
**To:** Cliff P. Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** Re: OXY-Pure Gold A Federal #2 Battery-Remediation Plan

Cliff,

The plan is approved with the following stipulation:

The last samples were taken in March, and we have had some pretty good rains since then, so I will require bottom samples prior to closing.

Thanks,

JENNIFER E VAN CUREN  
ENVIRONMENTAL PROTECTION SPECIALIST  
DOI-BLM-CARLSBAD FIELD OFFICE  
320 E GREENE ST. CARLSBAD, NM 88220  
OFFICE- 575-234-5905  
CELL - 575-361-0042  
FAX - 575-234-5927

On Sat, Sep 21, 2013 at 4:15 PM, Cliff P. Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)> wrote:  
Jennifer,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD. As you may recall, there was two leaks that occurred at this site within weeks of each other. This remediation plan will address both leaks. Oxy proposes to excavate the entire leak area inside the battery firewall to a depth of 2 feet and then backfill the site with the appropriate type of clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

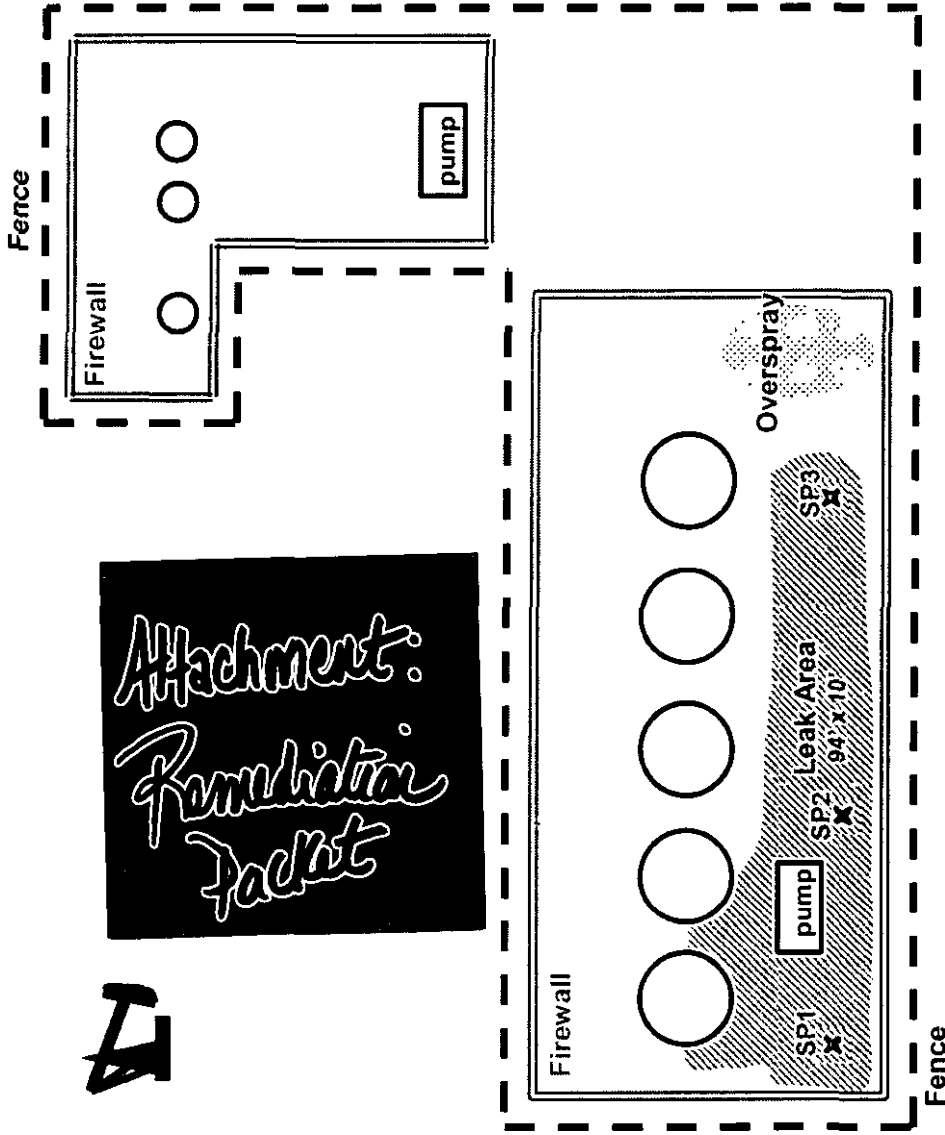
Thanks, Cliff

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.  
Hobbs, NM 88240 USA  
Phone: (575) 397-6388  
Fax: (575) 397-0397  
E-Mail: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)  
\*\*\*\*\*



Oxy

Pure Gold A Federal #2 Battery



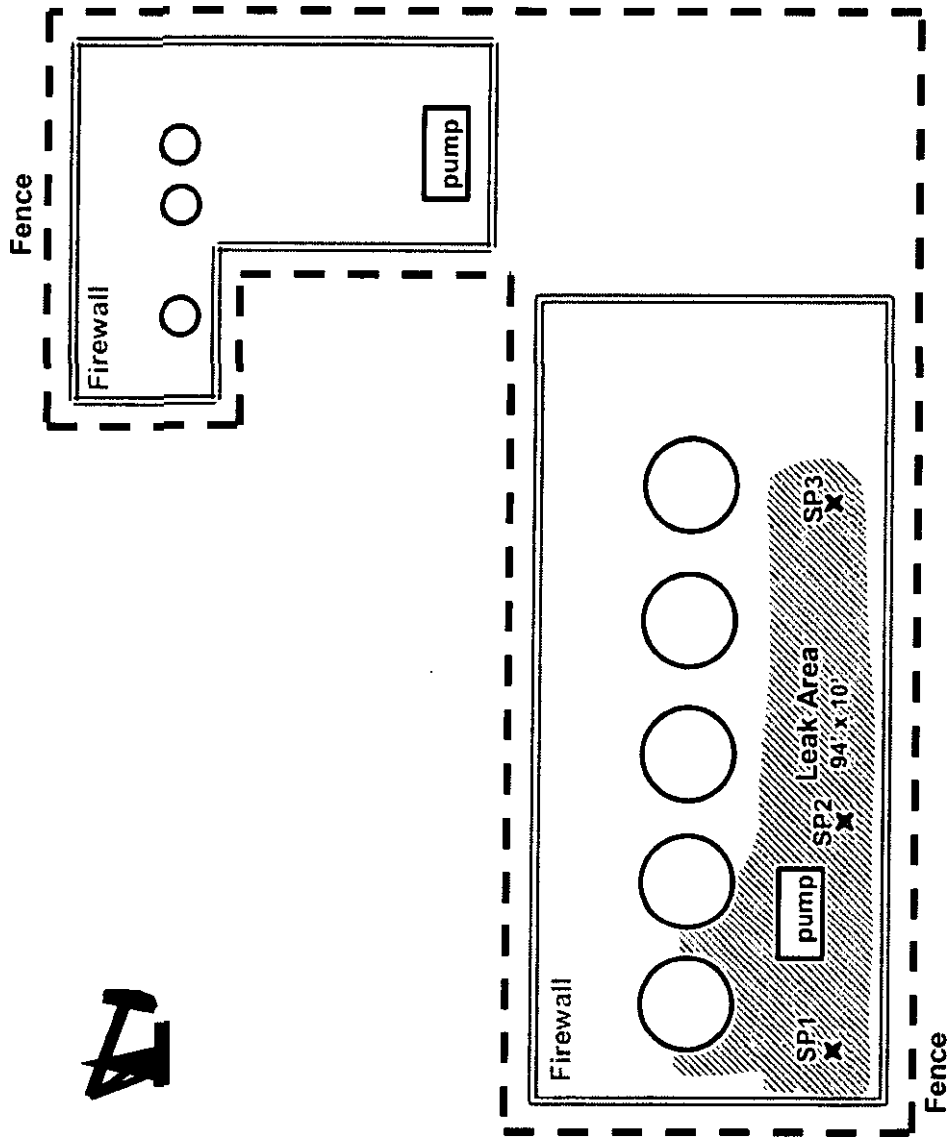
BBC International, Inc.	
Oxy	
Pure Gold A Federal #2 Battery	
Date: 02/13/2013	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013

U/L M, Section 21, T23S, R31E  
660' FSL and 330' FWL  
Eddy County, NM  
N 32.28436° W 103.79001°  
API# 30-015-27243



Oxy

# Pure Gold A Federal #2 Battery



BBC International, Inc.			
Oxy			
Pure Gold A Federal #2 Battery			
Date: 03/27/2013	DRWG by: K. Purvis		
NOT TO SCALE	File: Oxy 2013		

U/L M, Section 21, T23S, R31E  
660' FSL and 330' FWL  
Eddy County, NM  
N 32.28436° W 103.79001°  
API# 30-015-27243



# Groundwater Plot

## Oxy Pure Gold A Federal #2

County  
Eddy

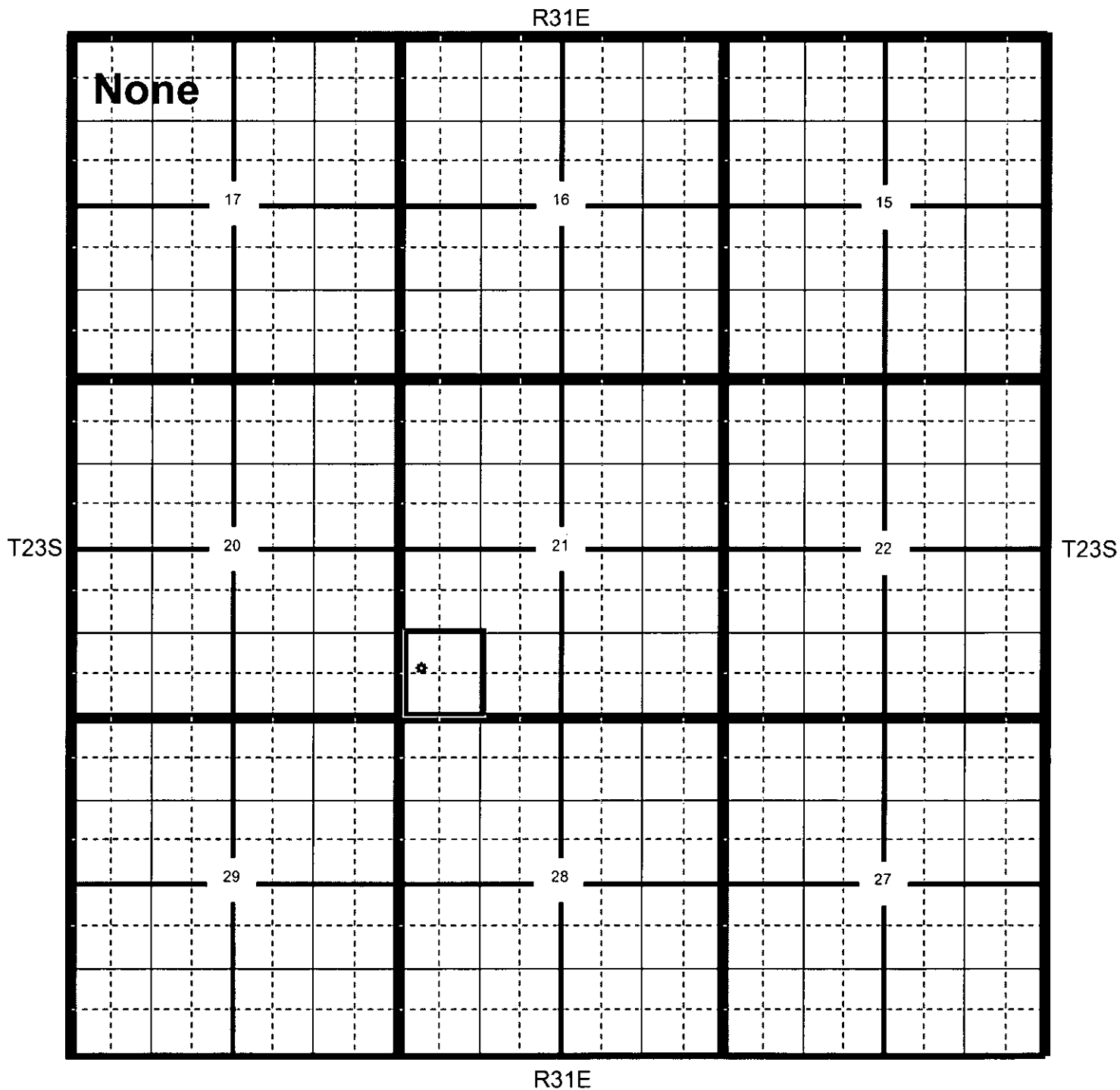
Unit Letter  
M

Section  
21

Township  
23S

Range  
31E

Trend Map 150'



★ Location

● OCD

● USGS

● SEO

● All Databases



Section Quarters

Oxy Pure Gold A Federal #2 Battery

County  
Eddy

Unit Letter  
M

Section  
21

Township  
23S

Range  
31E

Trend Map 150'

1

2

NW/NW <b>None</b> Unit Letter D	NE/NW Unit Letter C	NW/NE Unit Letter B	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M ✱	SE/SW Unit Letter N	SW/SE Unit Letter O	SE/SE Unit Letter P

3

4

✱ Location

● OCD

● USGS

● SEO

● All Databases

**Laboratory Analytical Results Summary  
Pure Gold A Federal #2**

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/26/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		3.46	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		16.9	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		16.7	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		51.9	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		89	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		816	7040	336	80	144
GRO	TPH 8015M		3600	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		25400	n/a	18.6	n/a	n/a

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/26/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		3.05	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		16.1	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		16.6	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		46	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		81.7	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		1280	6480	400	80	144
GRO	TPH 8015M		3120	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		22700	n/a	18.3	n/a	n/a

		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/26/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		2.78	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		12.8	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		12.8	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		34.3	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		62.7	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		864	7120	416	96	144
GRO	TPH 8015M		3620	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		26300	n/a	26.4	n/a	n/a

**Laboratory Analytical Results Summary  
Pure Gold A Federal #2**

Analyte	Method	Sample		SP1 @ 1'		SP1 @ 2'		SP1 @ 3'		SP1 @ 5'		SP1 @ 7'		SP1 @ 9'	
		Date		3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/28/13	mg/Kg	3/28/13	mg/Kg
Benzene	BTEX 8021B				2.97		<0.050		<0.050		0.177		<0.050		<0.050
Toluene	BTEX 8021B				13.6		0.106		0.066		1.95		<0.050		<0.050
Ethylbenzene	BTEX 8021B				14.5		0.122		0.395		4.6		0.204		<0.050
Total Xylenes	BTEX 8021B				41.3		0.35		0.896		11.8		0.492		<0.150
Total BTEX	BTEX 8021B				72.3		0.578		1.36		18.6		0.696		<0.300
Chloride	SM4500Cl-B				<16.0		<16.0		<16.0		<16.0		<16.0		<16.0
GRO	TPH 8015M				4710		<10.0		80.5		751		<50.0		<10.0
DRO	TPH 8015M				12000		26.6		1140		4760		892		101

Analyte	Method	Sample		SP2 @ 1'		SP2 @ 2'		SP2 @ 3'		SP2 @ 5'		SP2 @ 7'		SP2 @ 9'	
		Date		3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/28/13	mg/Kg	3/28/13	mg/Kg
Benzene	BTEX 8021B				2.21		<0.050		<0.050		0.452		<0.050		<0.050
Toluene	BTEX 8021B				15.1		0.117		0.404		1.82		<0.050		<0.050
Ethylbenzene	BTEX 8021B				19.4		0.144		1.09		3.72		0.062		<0.050
Total Xylenes	BTEX 8021B				53.9		0.406		2.67		9.07		0.177		<0.150
Total BTEX	BTEX 8021B				90.6		0.667		4.16		15.1		<0.300		<0.300
Chloride	SM4500Cl-B				<16.0		<16.0		<16.0		<16.0		<16.0		<16.0
GRO	TPH 8015M				3910		<10.0		337		583		<50.0		<10.0
DRO	TPH 8015M				11300		268		2300		3960		530		101

Analyte	Method	Sample		SP3 @ 1'		SP3 @ 2'		SP3 @ 3'		SP3 @ 5'		SP3 @ 7'		SP3 @ 9'	
		Date		3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/28/13	mg/Kg	3/28/13	mg/Kg
Benzene	BTEX 8021B				3.82		<0.050		<0.050		0.104		<0.050		<0.050
Toluene	BTEX 8021B				16.4		0.184		0.054		1.1		<0.050		<0.050
Ethylbenzene	BTEX 8021B				19.1		0.194		0.159		2.71		0.068		<0.050
Total Xylenes	BTEX 8021B				51.1		0.528		0.434		6.07		0.169		<0.150
Total BTEX	BTEX 8021B				90.4		0.905		0.647		9.98		<0.300		<0.300
Chloride	SM4500Cl-B				<16.0		<16.0		<16.0		<16.0		<16.0		<16.0
GRO	TPH 8015M				4210		<10.0		70.7		329		<10.0		<10.0
DRO	TPH 8015M				11600		266		869		2460		462		71.1

March 07, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD A FED #2

Enclosed are the results of analyses for samples received by the laboratory on 02/27/13 9:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

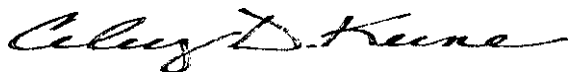
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 02/27/2013  
Reported: 03/07/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/26/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

#### Sample ID: SP 1 @ SURFACE (H300512-01)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.46	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34	
Toluene*	16.9	0.200	03/04/2013	ND	2.10	105	2.00	1.71	
Ethylbenzene*	16.7	0.200	03/04/2013	ND	2.11	106	2.00	1.41	
Total Xylenes*	51.9	0.600	03/04/2013	ND	6.39	106	6.00	1.43	
Total BTEX	89.0	1.20	03/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 339 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	03/04/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3600	100	03/01/2013	ND	227	114	200	15.8		
DRO >C10-C28	25400	100	03/01/2013	ND	224	112	200	18.0		

Surrogate: 1-Chlorooctane 295 % 65.2-140

Surrogate: 1-Chlorooctadecane 802 % 63.6-154

#### Sample ID: SP 1 @ 1' (H300512-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7040	16.0	03/04/2013	ND	416	104	400	0.00		

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: SP 1 @ 2' (H300512-03)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2013	ND	1.98	98.9	2.00	2.34		
Toluene*	<0.050	0.050	03/04/2013	ND	2.10	105	2.00	1.71		
Ethylbenzene*	<0.050	0.050	03/04/2013	ND	2.11	106	2.00	1.41		
Total Xylenes*	<0.150	0.150	03/04/2013	ND	6.39	106	6.00	1.43		
Total BTEX	<0.300	0.300	03/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	18.6	10.0	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

#### Sample ID: SP 1 @ 3' (H300512-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2013	ND	416	104	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 4' (H300512-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/04/2013	ND	416	104	400	0.00		

**Sample ID: SP 2 @ SURFACE (H300512-06)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.05	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34	
Toluene*	16.1	0.200	03/04/2013	ND	2.10	105	2.00	1.71	
Ethylbenzene*	16.6	0.200	03/04/2013	ND	2.11	106	2.00	1.41	
Total Xylenes*	46.0	0.600	03/04/2013	ND	6.39	106	6.00	1.43	
Total BTEX	81.7	1.20	03/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 371 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3120	100	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	22700	100	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 281 % 65.2-140

Surrogate: 1-Chlorooctadecane 757 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 1' (H300512-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	03/04/2013	ND	416	104	400	0.00	

**Sample ID: SP 2 @ 2' (H300512-08)**

BTEX 8021B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2013	ND	1.98	98.9	2.00	2.34		
Toluene*	<0.050	0.050	03/04/2013	ND	2.10	105	2.00	1.71		
Ethylbenzene*	<0.050	0.050	03/04/2013	ND	2.11	106	2.00	1.41		
Total Xylenes*	<0.150	0.150	03/04/2013	ND	6.39	106	6.00	1.43		
Total BTEX	<0.300	0.300	03/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 124 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	18.3	10.0	03/01/2013	ND	224	112	200	18.0	

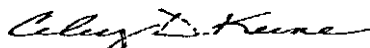
Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 3' (H300512-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2013	ND	416	104	400	0.00	

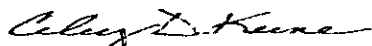
**Sample ID: SP 2 @ 4' (H300512-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/04/2013	ND	416	104	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ SURFACE (H300512-11)**

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	2.78	0.100	03/07/2013	ND	1.80	90.2	2.00	2.29		
Toluene*	12.8	0.100	03/07/2013	ND	1.91	95.3	2.00	2.42		
Ethylbenzene*	12.8	0.100	03/07/2013	ND	1.90	95.2	2.00	2.95		
Total Xylenes*	34.3	0.300	03/07/2013	ND	5.87	97.8	6.00	2.95		
Total BTEX	62.7	0.600	03/07/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 504 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>864</b>	16.0	03/04/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>3620</b>	100	03/01/2013	ND	227	114	200	15.8		
<b>DRO &gt;C10-C28</b>	<b>26300</b>	100	03/01/2013	ND	224	112	200	18.0		

Surrogate: 1-Chlorooctane 289 % 65.2-140

Surrogate: 1-Chlorooctadecane 898 % 63.6-154

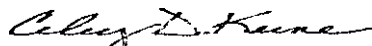
**Sample ID: SP 3 @ 1' (H300512-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>7120</b>	16.0	03/04/2013	ND	416	104	400	0.00		

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H300512-13)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2013	ND	1.80	90.2	2.00	2.29		
Toluene*	<0.050	0.050	03/06/2013	ND	1.91	95.3	2.00	2.42		
Ethylbenzene*	<0.050	0.050	03/06/2013	ND	1.90	95.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	03/06/2013	ND	5.87	97.8	6.00	2.95		
Total BTEX	<0.300	0.300	03/06/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	03/04/2013	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/01/2013	ND	227	114	200	15.8		
DRO >C10-C28	26.4	10.0	03/01/2013	ND	224	112	200	18.0		

Surrogate: 1-Chlorooctane 97.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

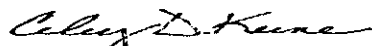
**Sample ID: SP 3 @ 3' (H300512-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/04/2013	ND	416	104	400	3.77		

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		


**Sample ID: SP 3 @ 4' (H300512-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/04/2013	ND	416	104	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager



### Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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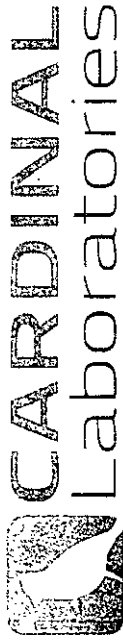
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Celey D. Keene, Lab Director/Quality Manager



12

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>BBB Industrial</u>		P.O. #:		BILL TO ANALYSIS REQUEST															
Project Manager:		Company:																	
Address:		Attn:																	
City:		Address:																	
Phone #:		City:																	
Project #:		State:																	
Project Name:		Zip:																	
Project Location:		Phone #:																	
Sampler Name:		Fax #:																	
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING													
		GROUNDWATER		ACID/BASE		DATE													
		WASTEWATER		ICE / COOL		TIME													
		SOIL		OTHER:															
		OIL																	
		SLUDGE																	
		# CONTAINERS																	
		(G) RAB OR (C)OMP																	
Lab I.D.		Sample I.D.																	
H300512		SP 300 Sample		G 1		2-26-13 2:05													
11		P 1		G 1		2-26-13 7:15													
12		P 2		G 1		2-26-13 2:31													
13		P 3		G 1		2-26-13 2:47													
14		P 4		G 1		2-26-13 3:09													
15																			

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Relinquished By: <u>[Signature]</u>	Date: <u>2-27-13</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Relinquished By:	Date: <u>2-15</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
REMARKS:				
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:				

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

April 08, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD A FED #2

Enclosed are the results of analyses for samples received by the laboratory on 04/02/13 8:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

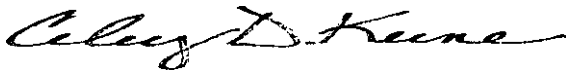
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 1' (H300772-01)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.97	0.500	04/08/2013	ND	2.02	101	2.00	0.606	
Toluene*	13.6	0.500	04/08/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	14.5	0.500	04/08/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	41.3	1.50	04/08/2013	ND	6.90	115	6.00	0.229	
Total BTEX	72.3	3.00	04/08/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 184 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4710	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	12000	50.0	04/02/2013	ND	198	99.2	200	7.84	

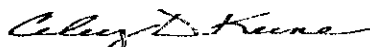
Surrogate: 1-Chlorooctane 277 % 65.2-140

Surrogate: 1-Chlorooctadecane 352 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 2' (H300772-02)**

BTEX 8021B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	0.106	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	0.122	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
Total Xylenes*	0.350	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
Total BTEX	0.578	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 120 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	26.6	10.0	04/02/2013	ND	198	99.2	200	7.84	

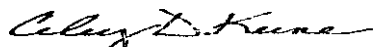
Surrogate: 1-Chlorooctane 86.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 3' (H300772-03)**

BTEX 8021B			mg/kg		Analyzed By: AP			S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	0.066	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	0.395	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
Total Xylenes*	0.896	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
Total BTEX	1.36	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 191 % 89.4-126

Chloride, SM4500Cl-B			mg/kg					Analyzed By: DW	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	80.5	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	1140	50.0	04/02/2013	ND	198	99.2	200	7.84	

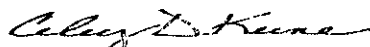
Surrogate: 1-Chlorooctane 91.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 134 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 5' (H300772-04)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.177</b>	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
<b>Toluene*</b>	<b>1.95</b>	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
<b>Ethylbenzene*</b>	<b>4.60</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
<b>Total Xylenes*</b>	<b>11.8</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
<b>Total BTEX</b>	<b>18.6</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 527 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>751</b>	50.0	04/02/2013	ND	191	95.5	200	2.72	
<b>DRO &gt;C10-C28</b>	<b>4760</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	

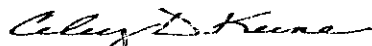
Surrogate: 1-Chlorooctane 150 % 65.2-140

Surrogate: 1-Chlorooctadecane 194 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 7' (H300772-05)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	<0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	<b>0.204</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	<b>0.492</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	<b>0.696</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 159 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	<b>892</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	

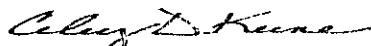
Surrogate: 1-Chlorooctane 82.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 123 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 04/02/2013  
Reported: 04/08/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 03/28/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 9' (H300772-06)**

BTEX 8021B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	<0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	<0.150	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	<0.300	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	101	10.0	04/02/2013	ND	198	99.2	200	7.84	

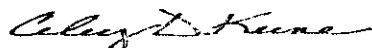
Surrogate: 1-Chlorooctane 99.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 04/02/2013  
Reported: 04/08/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 03/27/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 1' (H300772-07)**

BTEX 8021B			mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	2.21	0.100	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	15.1	0.100	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	19.4	0.100	04/04/2013	ND	2.32	116	2.00	0.556		
Total Xylenes*	53.9	0.300	04/04/2013	ND	6.90	115	6.00	0.229		
Total BTEX	90.6	0.600	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 681 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3910	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	11300	50.0	04/02/2013	ND	198	99.2	200	7.84	

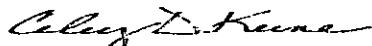
Surrogate: 1-Chlorooctane 261 % 65.2-140

Surrogate: 1-Chlorooctadecane 338 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 2' (H300772-08)**

BTEX 8021B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	0.117	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	0.144	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	0.406	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	0.667	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 123 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	268	10.0	04/02/2013	ND	198	99.2	200	7.84	

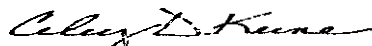
Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 131 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 3' (H300772-09)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	0.404	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	1.09	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	2.67	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	4.16	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 247 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	337	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	2300	50.0	04/02/2013	ND	198	99.2	200	7.84	

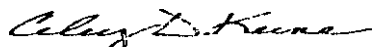
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 144 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 5' (H300772-10)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.452	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	1.82	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	3.72	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	9.07	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	15.1	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 517 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	583	50.0	04/02/2013	ND	191	95.5	200	2.72		
DRO >C10-C28	3960	50.0	04/02/2013	ND	198	99.2	200	7.84		

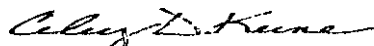
Surrogate: 1-Chlorooctane 139 % 65.2-140

Surrogate: 1-Chlorooctadecane 179 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 7' (H300772-11)**

BTEX 8021B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	<b>0.062</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	<b>0.177</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	<0.300	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 120 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: DW				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	<b>530</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	

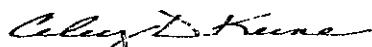
Surrogate: 1-Chlorooctane 82.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 124 % 63.6-154

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BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 9' (H300772-12)**

BTEX 8021B			mg/kg							
			Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/02/2013	ND	191	95.5	200	2.72		
DRO >C10-C28	101	10.0	04/02/2013	ND	198	99.2	200	7.84		

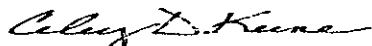
Surrogate: 1-Chlorooctane 93.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 1' (H300772-13)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>3.82</b>	0.200	04/05/2013	ND	1.64	82.2	2.00	13.9	
<b>Toluene*</b>	<b>16.4</b>	0.200	04/05/2013	ND	1.88	94.0	2.00	12.7	
<b>Ethylbenzene*</b>	<b>19.1</b>	0.200	04/05/2013	ND	1.95	97.6	2.00	13.4	
<b>Total Xylenes*</b>	<b>51.1</b>	0.600	04/05/2013	ND	5.92	98.6	6.00	11.6	
<b>Total BTEX</b>	<b>90.4</b>	1.20	04/05/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 374 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>4210</b>	50.0	04/02/2013	ND	191	95.5	200	2.72	
<b>DRO &gt;C10-C28</b>	<b>11600</b>	50.0	04/02/2013	ND	198	99.2	200	7.84	

Surrogate: 1-Chlorooctane 271 % 65.2-140

Surrogate: 1-Chlorooctadecane 343 % 63.6-154

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 Cliff Brunson  
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 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H300772-14)**

BTEX 8021B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	0.184	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	0.194	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.528	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	0.905	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 132 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/03/2013	ND	205	103	200	4.44	
DRO >C10-C28	266	10.0	04/03/2013	ND	199	99.6	200	3.61	

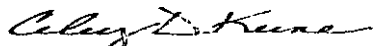
Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 04/02/2013  
Reported: 04/08/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 03/27/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 3' (H300772-15)**

BTEx 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	0.054	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	0.159	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.434	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTEx	0.647	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 139 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	70.7	50.0	04/03/2013	ND	205	103	200	4.44	
DRO >C10-C28	869	50.0	04/03/2013	ND	199	99.6	200	3.61	

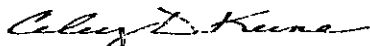
Surrogate: 1-Chlorooctane 85.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received: 04/02/2013  
Reported: 04/08/2013  
Project Name: PURE GOLD A FED #2  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 03/27/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 5' (H300772-16)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.104</b>	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
<b>Toluene*</b>	<b>1.10</b>	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
<b>Ethylbenzene*</b>	<b>2.71</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
<b>Total Xylenes*</b>	<b>6.07</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
<b>Total BTEX</b>	<b>9.98</b>	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 430 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>329</b>	50.0	04/03/2013	ND	205	103	200	4.44	
<b>DRO &gt;C10-C28</b>	<b>2460</b>	50.0	04/03/2013	ND	199	99.6	200	3.61	

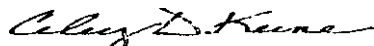
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 7' (H300772-17)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	0.068	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	0.169	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 116 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/03/2013	ND	205	103	200	4.44		
DRO >C10-C28	<b>462</b>	10.0	04/03/2013	ND	199	99.6	200	3.61		

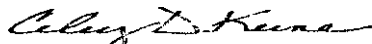
Surrogate: 1-Chlorooctane 99.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 9' (H300772-18)**

BTEX 8021B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/03/2013	ND	205	103	200	4.44	
DRO >C10-C28	71.1	10.0	04/03/2013	ND	199	99.6	200	3.61	

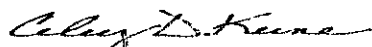
Surrogate: 1-Chlorooctane 95.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



**CARDINAL LABORATORIES**

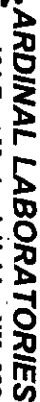
101 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

142

Company Name: BBC International, Inc.		P.O. #:		BILL TO																	
Project Manager: Cliff Brunson		Company:		ANALYSIS REQUEST																	
Address: P.O. Box 805		Attn:																			
City: Hobbs		Address:		SAME																	
Phone #: 575-397-6388		City:																			
State: NM Zip: 88241		State:																			
Fax #: 575-397-0397		Zip:																			
Project #:		Project Owner: OXY																			
Project Name: PURE Gold A FED #2		City:																			
Project Location:		State:																			
Fax #:		Phone #:																			
Sample Name: ROGER HERNANDEZ		Fax #:																			
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING															
Lab I.D.		Sample I.D.		# CONTAINERS		DATE		TIME													
H300772		SP10 1'		(G)RAB OR (C)OMP.		TPH		BTEX		CL-											
1		SP10 2'		GROUNDWATER:		3-27-77 0448		✓													
2		SP10 3'		WASTEWATER:		3-27-77 1008		✓													
3		SP10 4'		SOIL		3-27-77 1024		✓													
4		SP10 5'		OIL		3-27-77 1120		✓													
5		SP10 6'		SLUDGE		3-28-77 0915		✓													
6		SP10 7'		OTHER:		3-28-77 1000		✓													
7		SP10 8'		ACID/BASE:		3-28-77 1258		✓													
8		SP10 9'		ICE / COOL		3-28-77 1211		✓													
9		SP10 10'		OTHER:		3-28-77 143		✓													
10		SP10 11'		DATE		3-28-77 215		✓													
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186		SP10 187'																			
187		SP10 188'																			
188		SP10 189'																			
189		SP10 190'																			
190		SP10 191'																			
191		SP10 192'																			
192		SP10 193'																			
193		SP10 194'																			
194		SP10 195'																			
195		SP10 196'																			





101 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

# **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

262

Company Name: BBC International, Inc.										P.O. #:										BILL TO										ANALYSIS REQUEST																			
Project Manager: Cliff Brunson										Company:																																							
Address: P.O. Box 805										Attn:																																							
City: Hobbs										State: NM										Zip: 88241																													
Phone #: 575-397-6388										Fax #: 575-397-0397										Address: SAME																													
Project #:										City:																																							
Project Name: Pure Gold A FEB # 2										State:										Zip:																													
Project Location:										Phone #:																																							
Sampler Name: Roger Hernandez										Fax #:																																							
FOR LAB USE ONLY										MATRIX										PRESERV										SAMPLING																			
Lab I.D.										Sample I.D.										(G)RAB OR (C)OMP.																													
																				# CONTAINERS																													
<div style="display: flex; flex-direction: column; align-items: flex-end;"> <div>11 SP 20 @ 7' G 1 1 3-28-15 1050 ✓ ✓ ✓</div> <div>12 SP 20 @ 9' G 1 1 5-28-15 1142 ✓ ✓ ✓</div> <div>13 SP 30 @ 1' G 1 1 7-23-15 318 ✓ ✓ ✓</div> <div>14 SP 30 @ 2' G 1 1 7-23-15 734 ✓ ✓ ✓</div> <div>15 SP 30 @ 3' G 1 1 7-23-15 349 ✓ ✓ ✓</div> <div>16 SP 30 @ 5' G 1 1 7-23-15 410 ✓ ✓ ✓</div> <div>17 SP 30 @ 7' G 1 1 5-28-15 1240 ✓ ✓ ✓</div> <div>18 SP 30 @ 9' G 1 1 5-28-15 138 ✓ ✓ ✓</div> </div>										GROUNDWATER																																							
										WASTEWATER																																							
										SOIL																																							
										OIL																																							
										SLUDGE																																							
										OTHER :																																							
										ACID/BASE:																																							
ICE / COOL																																																	
OTHER :																																																	
DATE										TIME										TPH										BTEX										CL-									

PLEASE NOTE: Liability and Damages: Customer's liability and client's exclusion remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other causes whatsoever, shall be deemed waived unless made in writing and received by Carsten within 30 days after completion of the applicable analyses. In no event shall Carsten be liable for incidental or consequential damages, including without limitation, business interruptions, loss of time, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Carsten, regardless of whether such claim is based upon any of the above listed reasons or otherwise.

Relinquished By: Pager Hernandez Date: 4/19/13 Time: 8:07 Received By: Cliff Brunson

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_

Delivered By: (Circle One) Sample Condition Checked By: (initials)

Sampler - UPS - Bus - Other: SC Yes No No No

Phone Result: ☐ Yes ☐ No Add'l Phone #: \_\_\_\_\_

Fax Result: ☐ Yes ☐ No Add'l Fax #: \_\_\_\_\_

REMARKS: \_\_\_\_\_

Page 22 of 22

**† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold A Federal #2 Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM 38464

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	21	23S	31E					Eddy

Latitude N 32.28428° Longitude W 103.79005

**NATURE OF RELEASE**

Type of Release	Oil and Produced water	Volume of Release	15 bbls water and 0.5 bbls skim oil	Volume Recovered	7 bbls
Source of Release	Flex Coupling broke on water transfer pump	Date and Hour of Occurrence	2/08/13	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher- OCD; James Amos & Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	2/11/13 @ 7:29 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Flex coupling on a water transfer pump broke and caused 15 bbls of water and 0.5 bbl of skim oil to leak onto the ground. 7 bbls of fluid were recovered via vacuum truck. The coupling was repaired.

Describe Area Affected and Cleanup Action Taken.\*

Flex coupling on a water transfer pump broke and caused 15 bbls of water and 0.5 bbl of skim oil to leak onto the ground. 7 bbls of fluid were recovered via vacuum truck. The coupling was repaired. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

**OIL CONSERVATION DIVISION**

Signature: 

Printed Name: Chancey Summers

Title: HES Specialist

E-mail Address: Chancey.Summers@oxy.com

Date: 3-12-13 Phone: (575) 397-8216

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87503

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003  
Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold A Federal #2 Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM 38464

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	21	23S	31E	660	South	330	West	Eddy

Latitude N 32.28428° Longitude W 103.79005

**NATURE OF RELEASE**

Type of Release	Oil	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	Tank overflow	Date and Hour of Occurrence	3/5/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher- OCD; James Amos & Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	3/6/13 @ 8:40 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

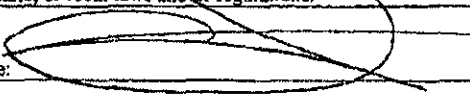
Describe Cause of Problem and Remedial Action Taken.\*

The loss of gas caused a tank overflow spilling 15 bbls of oil onto the ground. No fluids were recovered and the source of the release was corrected.

Describe Area Affected and Cleanup Action Taken.\*

The area affected is approximately 40' x 90'. The loss of gas caused a tank overflow spilling 15 bbls of oil onto the ground. No fluids were recovered and the source of the release was corrected. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Chancey Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3-12-13	Phone: (575) 397-8216		

\* Attach Additional Sheets If Necessary