



## **OXY – PURE GOLD A FEDERAL #2 BATTERY**

### **REMEDIATION PLAN**

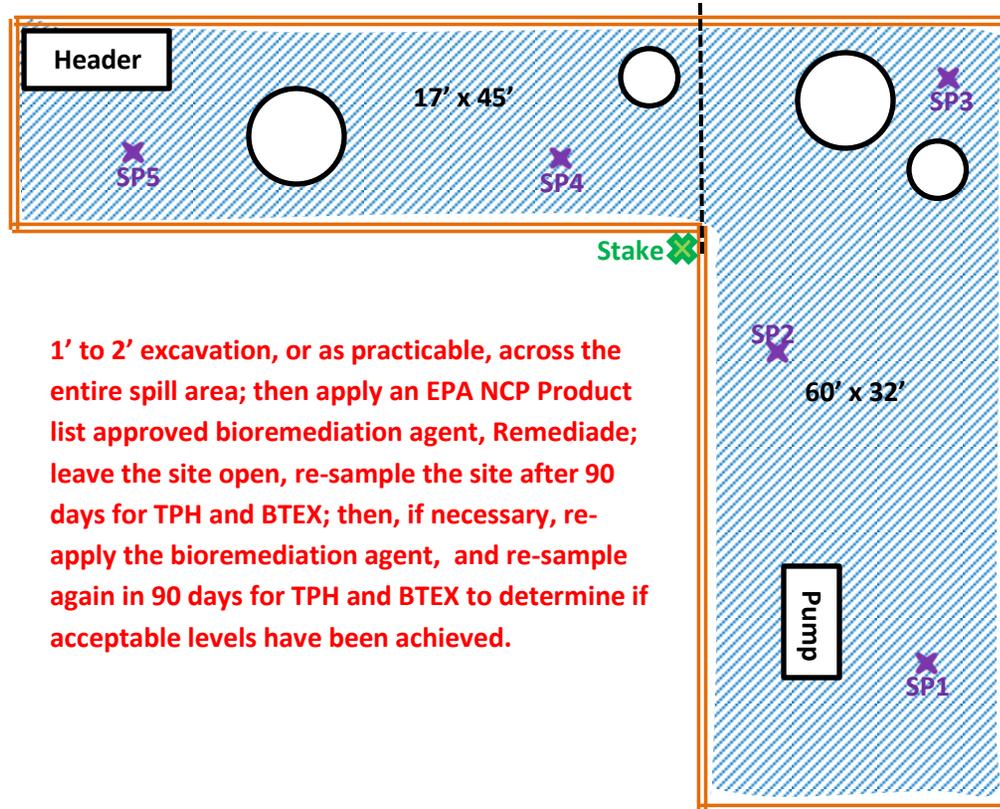
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OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 1 to 2 feet or as practicable. After excavation, the entire spill area will be sprayed with an EPA NCP Product List approved bioremediation agent, Remediate. The site will be left open where possible to assist in the bioremediation and in 90 days the area will be resampled for TPH and BTEX. If sample results deem it necessary, the site will be treated again with Remediate and resampled in another 90 days for TPH and BTEX to determine if acceptable levels have been achieved. When the acceptable levels have been achieved, the entire site will be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



Oxy  
Pure Gold A Federal #2 Battery



1' to 2' excavation, or as practicable, across the entire spill area; then apply an EPA NCP Product list approved bioremediation agent, Remediate; leave the site open, re-sample the site after 90 days for TPH and BTEX; then, if necessary, re-apply the bioremediation agent, and re-sample again in 90 days for TPH and BTEX to determine if acceptable levels have been achieved.

U/L M, Section 21, T23S, R31E

Eddy County, NM

N 32.28449° W 103.78993°

API# 30-015-27243

<b>BBC International, Inc.</b>	
<b>Oxy</b>	
<b>Pure Gold A Federal #2 Battery</b>	
Date: 03/18/2016	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2016



# Groundwater Plot

## Oxy Pure Gold A Federal #2

County  
Eddy

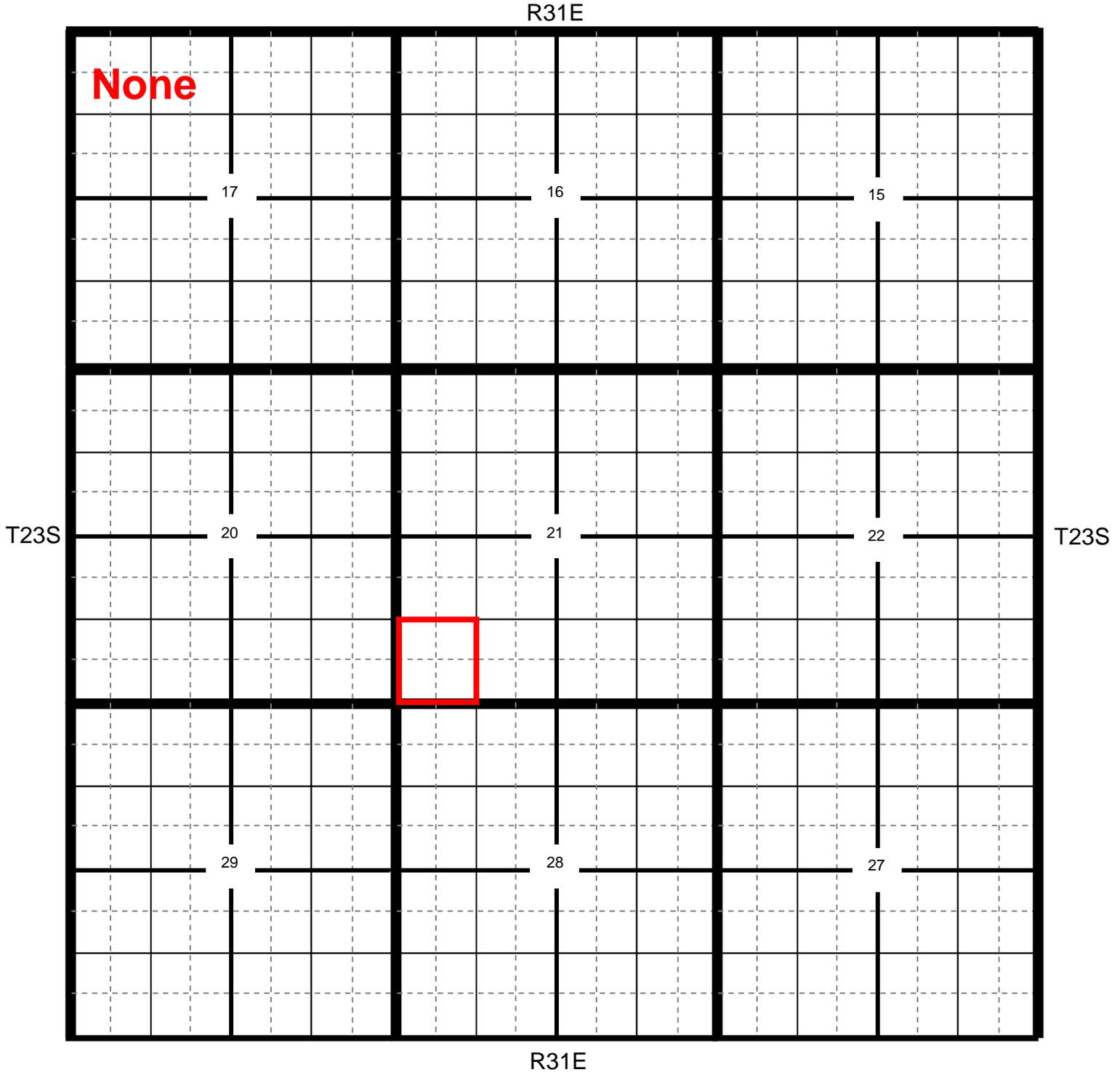
Unit Letter  
M

Section  
21

Township  
23S

Range  
31E

Trend Map 150'



📍 Location

● OCD

● USGS

● SEO

● All Databases

## Oxy Pure Gold A Federal #2

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

Trend Map 150'

1

2

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

3

4

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

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 5'	SP1 @ 7'
Analyte	Method	Date	4/6/16	4/6/16	4/6/16	4/6/16	4/6/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<b>1.5</b>	<b>3.3</b>	<b>4.2</b>	<b>6.04</b>	<b>&lt;0.200</b>
<b>Toluene</b>	BTEX 8021B		<b>13.9</b>	<b>12.7</b>	<b>14</b>	<b>21.1</b>	<b>0.674</b>
<b>Ethylbenzene</b>	BTEX 8021B		<b>12.4</b>	<b>13</b>	<b>12.3</b>	<b>19.1</b>	<b>1.11</b>
<b>Total Xylenes</b>	BTEX 8021B		<b>36.8</b>	<b>38.8</b>	<b>3805</b>	<b>61.5</b>	<b>3.73</b>
<b>Total BTEX</b>	BTEX 8021B		<b>64.5</b>	<b>67.8</b>	<b>69</b>	<b>108</b>	<b>5.51</b>
<b>Chloride</b>	SM4500Cl-B		<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>
<b>GRO</b>	TPH 8015M		<b>2660</b>	<b>2370</b>	<b>3120</b>	<b>4440</b>	<b>294</b>
<b>DRO</b>	TPH 8015M		<b>10000</b>	<b>8390</b>	<b>7140</b>	<b>11300</b>	<b>1770</b>

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 5'	SP2 @ 7'
Analyte	Method	Date	4/6/16	4/6/16	4/6/16	4/6/16	4/6/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<b>2</b>	<b>1.89</b>	<b>4.57</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>
<b>Toluene</b>	BTEX 8021B		<b>9.3</b>	<b>6.66</b>	<b>17.4</b>	<b>&lt;0.050</b>	<b>0.067</b>
<b>Ethylbenzene</b>	BTEX 8021B		<b>9.58</b>	<b>7.2</b>	<b>15.5</b>	<b>0.055</b>	<b>0.156</b>
<b>Total Xylenes</b>	BTEX 8021B		<b>31.1</b>	<b>22.9</b>	<b>49.1</b>	<b>&lt;0.150</b>	<b>0.518</b>
<b>Total BTEX</b>	BTEX 8021B		<b>52</b>	<b>38.6</b>	<b>86.7</b>	<b>&lt;0.300</b>	<b>0.74</b>
<b>Chloride</b>	SM4500Cl-B		<b>16</b>	<b>16</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>
<b>GRO</b>	TPH 8015M		<b>2340</b>	<b>1530</b>	<b>3620</b>	<b>12.3</b>	<b>19.8</b>
<b>DRO</b>	TPH 8015M		<b>7790</b>	<b>5230</b>	<b>9040</b>	<b>635</b>	<b>391</b>

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'
Analyte	Method	Date	4/6/16	4/6/16	4/6/16	4/6/16	4/6/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<b>2.7</b>	<b>5.45</b>	<b>6.64</b>	<b>8.41</b>	<b>&lt;0.100</b>
<b>Toluene</b>	BTEX 8021B		<b>21.6</b>	<b>39.5</b>	<b>41.8</b>	<b>24.3</b>	<b>0.397</b>
<b>Ethylbenzene</b>	BTEX 8021B		<b>18.2</b>	<b>27.8</b>	<b>26.2</b>	<b>18.2</b>	<b>0.689</b>
<b>Total Xylenes</b>	BTEX 8021B		<b>58.4</b>	<b>87.8</b>	<b>83.3</b>	<b>56.4</b>	<b>2.56</b>
<b>Total BTEX</b>	BTEX 8021B		<b>101</b>	<b>161</b>	<b>158</b>	<b>107</b>	<b>3.65</b>
<b>Chloride</b>	SM4500Cl-B		<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>32</b>
<b>GRO</b>	TPH 8015M		<b>4100</b>	<b>6250</b>	<b>6180</b>	<b>5000</b>	<b>237</b>
<b>DRO</b>	TPH 8015M		<b>10600</b>	<b>12800</b>	<b>10100</b>	<b>10800</b>	<b>1460</b>

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'
Analyte	Method	Date	4/6/16	4/6/16	4/6/16	4/6/16	4/6/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<b>&lt;2.00</b>	<b>4.42</b>	<b>23.7</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>
<b>Toluene</b>	BTEX 8021B		<b>12.3</b>	<b>20.5</b>	<b>21.7</b>	<b>&lt;0.050</b>	<b>0.124</b>
<b>Ethylbenzene</b>	BTEX 8021B		<b>11.5</b>	<b>16.1</b>	<b>16.2</b>	<b>0.083</b>	<b>0.218</b>
<b>Total Xylenes</b>	BTEX 8021B		<b>40.2</b>	<b>52.6</b>	<b>51.8</b>	<b>0.303</b>	<b>0.771</b>
<b>Total BTEX</b>	BTEX 8021B		<b>63.9</b>	<b>93.7</b>	<b>92.1</b>	<b>0.386</b>	<b>1.11</b>
<b>Chloride</b>	SM4500Cl-B		<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>
<b>GRO</b>	TPH 8015M		<b>2890</b>	<b>4010</b>	<b>4720</b>	<b>28.8</b>	<b>42.5</b>
<b>DRO</b>	TPH 8015M		<b>13400</b>	<b>8760</b>	<b>10700</b>	<b>357</b>	<b>385</b>

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 5'	SP5 @ 7'
Analyte	Method	Date	4/6/16	4/6/16	4/6/16	4/6/16	4/6/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<b>2.23</b>	<b>2.28</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>
<b>Toluene</b>	BTEX 8021B		<b>18.4</b>	<b>18.1</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>
<b>Ethylbenzene</b>	BTEX 8021B		<b>14.1</b>	<b>14.8</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>	<b>&lt;0.050</b>
<b>Total Xylenes</b>	BTEX 8021B		<b>45.1</b>	<b>45.5</b>	<b>&lt;0.150</b>	<b>&lt;0.150</b>	<b>&lt;0.150</b>
<b>Total BTEX</b>	BTEX 8021B		<b>79.9</b>	<b>80.7</b>	<b>&lt;0.300</b>	<b>&lt;0.300</b>	<b>&lt;0.300</b>
<b>Chloride</b>	SM4500Cl-B		<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>&lt;16.0</b>	<b>64</b>
<b>GRO</b>	TPH 8015M		<b>2830</b>	<b>3440</b>	<b>&lt;10.0</b>	<b>&lt;10.0</b>	<b>&lt;10.0</b>
<b>DRO</b>	TPH 8015M		<b>9300</b>	<b>8200</b>	<b>64.4</b>	<b>42.3</b>	<b>85.6</b>

April 15, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD FED #2

Enclosed are the results of analyses for samples received by the laboratory on 04/08/16 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 1' (H600769-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>1.50</b>	0.500	04/11/2016	ND	2.00	100	2.00	1.28	
<b>Toluene*</b>	<b>13.9</b>	0.500	04/11/2016	ND	1.91	95.3	2.00	0.464	
<b>Ethylbenzene*</b>	<b>12.4</b>	0.500	04/11/2016	ND	1.69	84.3	2.00	0.793	
<b>Total Xylenes*</b>	<b>36.8</b>	1.50	04/11/2016	ND	5.20	86.6	6.00	0.493	
<b>Total BTEX</b>	<b>64.5</b>	3.00	04/11/2016	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 132 % 73.6-140*

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	04/12/2016	ND	416	104	400	3.92	

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>2660</b>	50.0	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>10000</b>	50.0	04/12/2016	ND	173	86.6	200	7.60		

*Surrogate: 1-Chlorooctane 197 % 35-147*
*Surrogate: 1-Chlorooctadecane 223 % 28-171*

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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 2' (H600769-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>3.30</b>	0.500	04/11/2016	ND	2.00	100	2.00	1.28	
<b>Toluene*</b>	<b>12.7</b>	0.500	04/11/2016	ND	1.91	95.3	2.00	0.464	
<b>Ethylbenzene*</b>	<b>13.0</b>	0.500	04/11/2016	ND	1.69	84.3	2.00	0.793	
<b>Total Xylenes*</b>	<b>38.8</b>	1.50	04/11/2016	ND	5.20	86.6	6.00	0.493	
<b>Total BTEX</b>	<b>67.8</b>	3.00	04/11/2016	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 139 % 73.6-140*

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	04/12/2016	ND	416	104	400	3.92	

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>2370</b>	100	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>8390</b>	100	04/12/2016	ND	173	86.6	200	7.60		

*Surrogate: 1-Chlorooctane 141 % 35-147*
*Surrogate: 1-Chlorooctadecane 192 % 28-171*

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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 3' (H600769-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>4.20</b>	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	QM-07
<b>Toluene*</b>	<b>14.0</b>	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	QM-07
<b>Ethylbenzene*</b>	<b>12.3</b>	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>38.5</b>	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>69.0</b>	12.0	04/12/2016	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140*

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	04/12/2016	ND	416	104	400	3.92	

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>3120</b>	100	04/12/2016	ND	188	94.2	200	1.08	
<b>DRO &gt;C10-C28</b>	<b>7140</b>	100	04/12/2016	ND	173	86.6	200	7.60	

*Surrogate: 1-Chlorooctane 133 % 35-147*
*Surrogate: 1-Chlorooctadecane 157 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 5' (H600769-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>6.04</b>	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>21.1</b>	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>19.1</b>	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>61.5</b>	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>108</b>	12.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 73.6-140

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	04/12/2016	ND	416	104	400	3.92	

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>4440</b>	100	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>11300</b>	100	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 167 % 35-147

Surrogate: 1-Chlorooctadecane 241 % 28-171

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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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 7' (H600769-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>0.674</b>	0.200	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>1.11</b>	0.200	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>3.73</b>	0.600	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>5.51</b>	1.20	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

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	04/12/2016	ND	416	104	400	3.92	

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>294</b>	10.0	04/12/2016	ND	188	94.2	200	1.08	
<b>DRO &gt;C10-C28</b>	<b>1770</b>	10.0	04/12/2016	ND	173	86.6	200	7.60	

Surrogate: 1-Chlorooctane 97.8 % 35-147

Surrogate: 1-Chlorooctadecane 96.7 % 28-171

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

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 1' (H600769-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.00</b>	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>9.30</b>	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>9.58</b>	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>31.1</b>	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>52.0</b>	12.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	04/12/2016	ND	416	104	400	3.92	

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>2340</b>	100	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>7790</b>	100	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 142 % 35-147

Surrogate: 1-Chlorooctadecane 175 % 28-171

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

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 2' (H600769-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>1.89</b>	1.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>6.66</b>	1.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>7.20</b>	1.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>22.9</b>	3.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>38.6</b>	6.00	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	04/12/2016	ND	416	104	400	3.92	

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>1530</b>	50.0	04/12/2016	ND	188	94.2	200	1.08	
<b>DRO &gt;C10-C28</b>	<b>5230</b>	50.0	04/12/2016	ND	173	86.6	200	7.60	

Surrogate: 1-Chlorooctane 130 % 35-147

Surrogate: 1-Chlorooctadecane 123 % 28-171

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 3' (H600769-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>4.57</b>	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>17.4</b>	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>15.5</b>	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>49.1</b>	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>86.7</b>	12.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

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	04/12/2016	ND	416	104	400	3.92	

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	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>9040</b>	100	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 203 % 35-147

Surrogate: 1-Chlorooctadecane 199 % 28-171

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

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 5' (H600769-09)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2016	ND	1.89	94.4	2.00	3.59		
Toluene*	<0.050	0.050	04/12/2016	ND	1.79	89.3	2.00	5.11		
<b>Ethylbenzene*</b>	<b>0.055</b>	0.050	04/12/2016	ND	1.60	80.0	2.00	4.37		
Total Xylenes*	<0.150	0.150	04/12/2016	ND	4.95	82.5	6.00	3.56		
Total BTEX	<0.300	0.300	04/12/2016	ND						

*Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140*

Chloride, SM4500CI-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	04/12/2016	ND	416	104	400	3.92		

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>12.3</b>	10.0	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>635</b>	10.0	04/12/2016	ND	173	86.6	200	7.60		

*Surrogate: 1-Chlorooctane 85.0 % 35-147*
*Surrogate: 1-Chlorooctadecane 112 % 28-171*

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 7' (H600769-10)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2016	ND	1.89	94.4	2.00	3.59		
<b>Toluene*</b>	<b>0.067</b>	0.050	04/12/2016	ND	1.79	89.3	2.00	5.11		
<b>Ethylbenzene*</b>	<b>0.156</b>	0.050	04/12/2016	ND	1.60	80.0	2.00	4.37		
<b>Total Xylenes*</b>	<b>0.518</b>	0.150	04/12/2016	ND	4.95	82.5	6.00	3.56		
<b>Total BTEX</b>	<b>0.740</b>	0.300	04/12/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

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	04/12/2016	ND	416	104	400	3.92		

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>19.8</b>	10.0	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>391</b>	10.0	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 89.8 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 1' (H600769-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.70</b>	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>21.6</b>	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>18.2</b>	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>58.4</b>	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>101</b>	12.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

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	04/12/2016	ND	416	104	400	3.92	

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>4100</b>	100	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>10600</b>	100	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 162 % 35-147

Surrogate: 1-Chlorooctadecane 241 % 28-171

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H600769-12)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>5.45</b>	5.00	04/12/2016	ND	1.89	94.4	2.00	3.59		
<b>Toluene*</b>	<b>39.5</b>	5.00	04/12/2016	ND	1.79	89.3	2.00	5.11		
<b>Ethylbenzene*</b>	<b>27.8</b>	5.00	04/12/2016	ND	1.60	80.0	2.00	4.37		
<b>Total Xylenes*</b>	<b>87.8</b>	15.0	04/12/2016	ND	4.95	82.5	6.00	3.56		
<b>Total BTEX</b>	<b>161</b>	30.0	04/12/2016	ND						

*Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140*

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	04/12/2016	ND	416	104	400	3.92		

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>6250</b>	200	04/12/2016	ND	188	94.2	200	1.08			
<b>DRO &gt;C10-C28</b>	<b>12800</b>	200	04/12/2016	ND	173	86.6	200	7.60			

*Surrogate: 1-Chlorooctane 204 % 35-147*
*Surrogate: 1-Chlorooctadecane 285 % 28-171*

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 3' (H600769-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>6.64</b>	5.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>41.8</b>	5.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>26.2</b>	5.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>83.3</b>	15.0	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>158</b>	30.0	04/12/2016	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140*

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	04/12/2016	ND	416	104	400	7.41	

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>6180</b>	200	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>10100</b>	200	04/12/2016	ND	173	86.6	200	7.60		

*Surrogate: 1-Chlorooctane 178 % 35-147*
*Surrogate: 1-Chlorooctadecane 224 % 28-171*

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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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 5' (H600769-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>8.41</b>	5.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
<b>Toluene*</b>	<b>24.3</b>	5.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
<b>Ethylbenzene*</b>	<b>18.2</b>	5.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
<b>Total Xylenes*</b>	<b>56.4</b>	15.0	04/12/2016	ND	4.95	82.5	6.00	3.56	
<b>Total BTEX</b>	<b>107</b>	30.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>5000</b>	200	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>10800</b>	200	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 162 % 35-147

Surrogate: 1-Chlorooctadecane 244 % 28-171

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**Analytical Results For:**

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

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 7' (H600769-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	04/13/2016	ND	1.91	95.7	2.00	1.34	
<b>Toluene*</b>	<b>0.397</b>	0.100	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>0.689</b>	0.100	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>2.56</b>	0.300	04/13/2016	ND	5.02	83.7	6.00	0.676	QM-07
<b>Total BTEX</b>	<b>3.65</b>	0.600	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	04/12/2016	ND	416	104	400	7.41	

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>237</b>	10.0	04/12/2016	ND	188	94.2	200	1.08	
<b>DRO &gt;C10-C28</b>	<b>1460</b>	10.0	04/12/2016	ND	173	86.6	200	7.60	

Surrogate: 1-Chlorooctane 98.5 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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**Analytical Results For:**

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

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 4 @ 1' (H600769-16)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	04/13/2016	ND	1.91	95.7	2.00	1.34	
<b>Toluene*</b>	<b>12.3</b>	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>11.5</b>	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>40.2</b>	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
<b>Total BTEX</b>	<b>63.9</b>	12.0	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>2890</b>	200	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>13400</b>	200	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 160 % 35-147

Surrogate: 1-Chlorooctadecane 325 % 28-171

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 4 @ 2' (H600769-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>4.42</b>	2.00	04/13/2016	ND	1.91	95.7	2.00	1.34	
<b>Toluene*</b>	<b>20.5</b>	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>16.1</b>	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>52.6</b>	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
<b>Total BTEX</b>	<b>93.7</b>	12.0	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>4010</b>	200	04/12/2016	ND	188	94.2	200	1.08		
<b>DRO &gt;C10-C28</b>	<b>8760</b>	200	04/12/2016	ND	173	86.6	200	7.60		

Surrogate: 1-Chlorooctane 152 % 35-147

Surrogate: 1-Chlorooctadecane 206 % 28-171

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 4 @ 3' (H600769-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.37</b>	2.00	04/13/2016	ND	1.91	95.7	2.00	1.34	
<b>Toluene*</b>	<b>21.7</b>	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>16.2</b>	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>51.8</b>	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
<b>Total BTEX</b>	<b>92.1</b>	12.0	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>4720</b>	200	04/12/2016	ND	192	96.0	200	3.77	QM-07	
<b>DRO &gt;C10-C28</b>	<b>10700</b>	200	04/12/2016	ND	210	105	200	8.25	QM-07	

Surrogate: 1-Chlorooctane 225 % 35-147

Surrogate: 1-Chlorooctadecane 496 % 28-171

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 4 @ 5' (H600769-19)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2016	ND	1.91	95.7	2.00	1.34	
Toluene*	<0.050	0.050	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>0.083</b>	0.050	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>0.303</b>	0.150	04/13/2016	ND	5.02	83.7	6.00	0.676	
<b>Total BTEX</b>	<b>0.386</b>	0.300	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>28.8</b>	10.0	04/12/2016	ND	192	96.0	200	3.77	
<b>DRO &gt;C10-C28</b>	<b>357</b>	10.0	04/12/2016	ND	210	105	200	8.25	

Surrogate: 1-Chlorooctane 79.7 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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 Fax To: (575) 397-0397

Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 4 @ 7' (H600769-20)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2016	ND	1.91	95.7	2.00	1.34	
<b>Toluene*</b>	<b>0.124</b>	0.050	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>0.218</b>	0.050	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>0.771</b>	0.150	04/13/2016	ND	5.02	83.7	6.00	0.676	
<b>Total BTEX</b>	<b>1.11</b>	0.300	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>42.5</b>	10.0	04/12/2016	ND	192	96.0	200	3.77	
<b>DRO &gt;C10-C28</b>	<b>385</b>	10.0	04/12/2016	ND	210	105	200	8.25	

Surrogate: 1-Chlorooctane 84.6 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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Received:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 5 @ 1' (H600769-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.23</b>	2.00	04/13/2016	ND	1.91	95.7	2.00	1.34	
<b>Toluene*</b>	<b>18.4</b>	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>14.1</b>	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>45.1</b>	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
<b>Total BTEX</b>	<b>79.9</b>	12.0	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>2830</b>	200	04/12/2016	ND	192	96.0	200	3.77		
<b>DRO &gt;C10-C28</b>	<b>9300</b>	200	04/12/2016	ND	210	105	200	8.25		

Surrogate: 1-Chlorooctane 136 % 35-147

Surrogate: 1-Chlorooctadecane 221 % 28-171

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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 5 @ 2' (H600769-22)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.28</b>	2.00	04/13/2016	ND	1.91	95.7	2.00	1.34	
<b>Toluene*</b>	<b>18.1</b>	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
<b>Ethylbenzene*</b>	<b>14.8</b>	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
<b>Total Xylenes*</b>	<b>45.5</b>	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
<b>Total BTEX</b>	<b>80.7</b>	12.0	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41	

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>3440</b>	200	04/12/2016	ND	192	96.0	200	3.77		
<b>DRO &gt;C10-C28</b>	<b>8200</b>	200	04/12/2016	ND	210	105	200	8.25		

Surrogate: 1-Chlorooctane 132 % 35-147

Surrogate: 1-Chlorooctadecane 199 % 28-171

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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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 5 @ 3' (H600769-23)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2016	ND	1.91	95.7	2.00	1.34		
Toluene*	<0.050	0.050	04/13/2016	ND	1.81	90.5	2.00	0.391		
Ethylbenzene*	<0.050	0.050	04/13/2016	ND	1.62	81.1	2.00	0.716		
Total Xylenes*	<0.150	0.150	04/13/2016	ND	5.02	83.7	6.00	0.676		
Total BTEX	<0.300	0.300	04/13/2016	ND						

*Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140*

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	04/12/2016	ND	416	104	400	7.41		

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	04/12/2016	ND	192	96.0	200	3.77		
<b>DRO &gt;C10-C28</b>	<b>64.4</b>	10.0	04/12/2016	ND	210	105	200	8.25		

*Surrogate: 1-Chlorooctane 88.5 % 35-147*
*Surrogate: 1-Chlorooctadecane 107 % 28-171*

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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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 5 @ 5' (H600769-24)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2016	ND	1.91	95.7	2.00	1.34		
Toluene*	<0.050	0.050	04/13/2016	ND	1.81	90.5	2.00	0.391		
Ethylbenzene*	<0.050	0.050	04/13/2016	ND	1.62	81.1	2.00	0.716		
Total Xylenes*	<0.150	0.150	04/13/2016	ND	5.02	83.7	6.00	0.676		
Total BTEX	<0.300	0.300	04/13/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

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	04/12/2016	ND	416	104	400	7.41		

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	04/12/2016	ND	192	96.0	200	3.77		
<b>DRO &gt;C10-C28</b>	<b>42.3</b>	10.0	04/12/2016	ND	210	105	200	8.25		

Surrogate: 1-Chlorooctane 85.3 % 35-147

Surrogate: 1-Chlorooctadecane 99.5 % 28-171

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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:	04/08/2016	Sampling Date:	04/06/2016
Reported:	04/15/2016	Sampling Type:	Soil
Project Name:	PURE GOLD FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 5 @ 7' (H600769-25)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/13/2016	ND	1.91	95.7	2.00	1.34		
Toluene*	<0.050	0.050	04/13/2016	ND	1.81	90.5	2.00	0.391		
Ethylbenzene*	<0.050	0.050	04/13/2016	ND	1.62	81.1	2.00	0.716		
Total Xylenes*	<0.150	0.150	04/13/2016	ND	5.02	83.7	6.00	0.676		
Total BTEX	<0.300	0.300	04/13/2016	ND						

*Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140*

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	04/12/2016	ND	416	104	400	7.41		

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	04/12/2016	ND	192	96.0	200	3.77		
<b>DRO &gt;C10-C28</b>	<b>85.6</b>	10.0	04/12/2016	ND	210	105	200	8.25		

*Surrogate: 1-Chlorooctane 89.1 % 35-147*
*Surrogate: 1-Chlorooctadecane 108 % 28-171*

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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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS2	Blank spike recovery below laboratory acceptance criteria. Results for analyte potentially biased low.
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



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

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

143

Company Name: BBC International, Inc. **BILL TO** 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 Address:   
 Project #: Project Owner: City:   
 Project Name: Pine Cell Fed 2 State: Zip:   
 Project Location: Phone #:   
 Sampler Name: Pine Emerald Fax #:   
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
1	S19011		1								4/16/16	815				
2	S19021		1								4/16/16	890				
3	S19031		1								4/16/16	850				
4	S19051		1								4/16/16	920				
5	S19071		1								4/16/16	955				
6	S19011		1								4/16/16	1045				
7	S19021		1								4/16/16	1055				
8	S19031		1								4/16/16	1110				
9	S19051		1								4/16/16	1145				
10	S19071		1								4/16/16	1215				

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Relinquished By: *[Signature]* Date: 4/18/16 Received By: *[Signature]* Phone Result:  Yes  No Add'l Phone #:   
 Time: 9:30 Fax Result:  Yes  No Add'l Fax #:   
 Relinquished By: *[Signature]* Date:   
 Time:   
 Received By: *[Signature]*   
 Time:   
 Delivered By: (Circle One)   
 Sampler - UPS - Bus - Other: *Corrected = 8:40*   
 Cool Intact  Yes  No  Yes  No   
 CHECKED BY: *[Signature]* (Initials)

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



**ARDINAL LABORATORIES**

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

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

243

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:					
Address: P.O. Box 805		Attn:					
City: Hobbs		Address:					
State: NM Zip: 88241		City:					
Phone #: 575-397-6388 Fax #: 575-397-0397		State:					
Project #: <i>One Gold Fed 2</i> Project Owner: <i>OX</i>		Phone #:					
Project Name: <i>One Gold Fed 2</i>		Zip:					
Project Location:		Fax #:					
Sampler Name: <i>Cliff Brunson</i>		PRESERV:					
FOR LAB USE ONLY		OTHER:					
Lab I.D.		ACID/BASE:					
Sample I.D.		ICE / COOL					
		OTHER:					
		DATE					
		TIME					
		CL					
		TPH					
		BTEX					

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Relinquished By: *[Signature]* Date: *1/18/16* Time: *9:30* Received By: *Cliff Brunson*

Delivered By: (Circle One) *Corrected - 0.30°C* Sample Condition: *Checked* CHECKED BY: *[Signature]*  
 Sampler - UPS - Bus - Other: *- D.40* Copied  Yes  No Intact  Yes  No

Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #51



**ARDINAL LABORATORIES**

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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc. P.O. #:

Project Manager: Cliff Brunson Company:

Address: P.O. Box 805 State: NM zip: 88241

City: Hobbs Attn:

Phone #: 575-397-6388 Fax #: 575-397-0397 Address:

Project #: Project Owner: *GV* City: State: Zip:

Project Name: *live cell Fed 2* Phone #: Fax #:

Project Location: *live cell* Matrix: PRESERV. SAMPLING

Sampler Name: *Cliff Brunson*

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
<i>H007069</i>														
<i>21</i>	<i>39501</i>		<i>1</i>						<i>4/6/16</i>	<i>480</i>				
<i>22</i>	<i>39502</i>		<i>1</i>						<i>4/6/16</i>	<i>455</i>				
<i>23</i>	<i>39503</i>		<i>1</i>						<i>4/6/16</i>	<i>500</i>				
<i>24</i>	<i>39504</i>		<i>1</i>						<i>4/6/16</i>	<i>515</i>				
<i>25</i>	<i>39507</i>		<i>1</i>						<i>4/6/16</i>	<i>525</i>				

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Relinquished By: *[Signature]* Date: *4/16* Time: *9:30* Received By: *[Signature]*

Delivered By: (Circle One) *Consolid - 0.30C* Sample Condition:  Cool  Intact

Sampler - UPS - Bus - Other: *-D.142*  Yes  No

Checked By: *[Signature]* (Initials)

REMARKS:

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

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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

Form C-141  
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Pure Gold A Federal #2	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	API No. 30-015-27243

**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 32.28449° Longitude W 103.78993°

**NATURE OF RELEASE**

Type of Release	Oil	Volume of Release	250 bbls	Volume Recovered	240 bbls
Source of Release	Valve on circulating pump was open	Date and Hour of Occurrence	03/06/2016	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, Heather Patterson- NMOCD; Shelly Tucker- BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	03/07/2016 @ 2:13 pm		
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.\*

Livestock kicked open the valve on a circulating pump causing 250 bbls of oil to spill inside the firewall. A vacuum truck recovered approximately 240 bbls of oil and the valve was closed.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 75' x 60' inside the firewall. Remediation will be completed in accordance with an approved remediation plan from NMOCD and the BLM.

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:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: <a href="mailto:Casey_Summers@oxy.com">Casey_Summers@oxy.com</a>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3-28-16 Phone: (575) 513-8289			

\* Attach Additional Sheets If Necessary