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E-MAIL: cbrunson@bbcinternational.com

OXY – PURE GOLD A FEDERAL #2 BATTERY

REMEDIATION PLAN

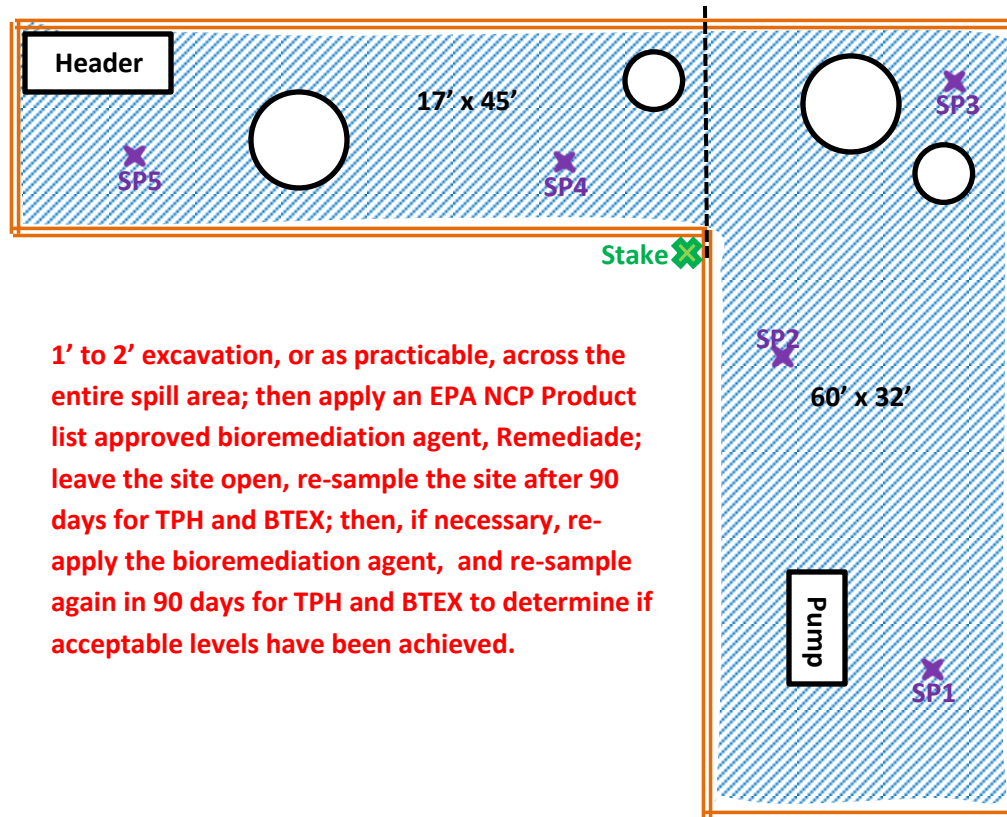
OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 1 to 2 feet or as practicable. After excavation, the entire spill area will be sprayed with an EPA NCP Product List approved bioremediation agent, Remediate. The site will 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

BBC International, Inc.

Oxy

Pure Gold A Federal #2 Battery

Date: 03/18/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016



Groundwater Plot

Oxy Pure Gold A Federal #2

County
Eddy

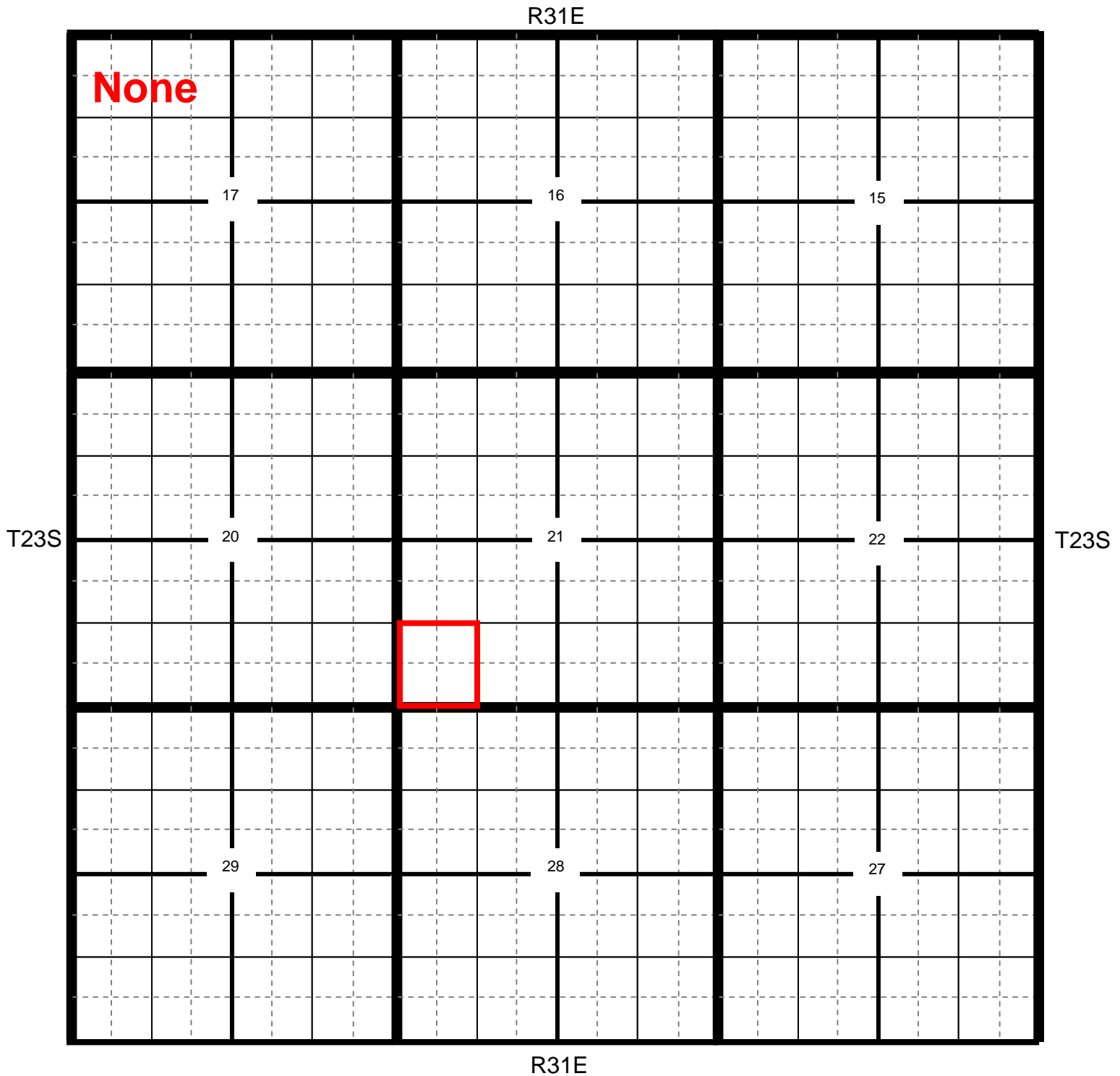
Unit Letter
M

Section
21

Township
23S

Range
31E

Trend Map 150'



📍 Location

● OCD

● USGS

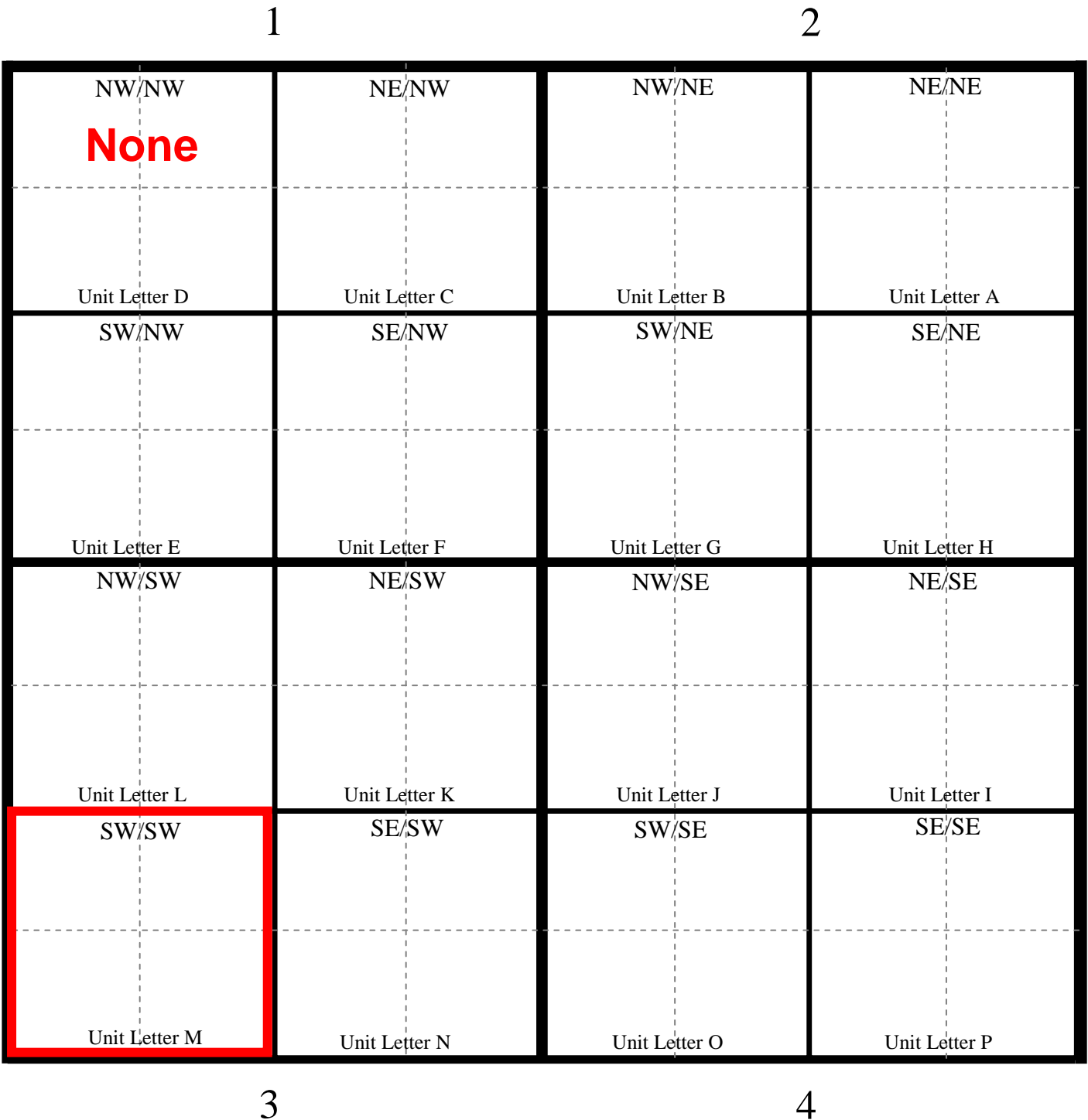
● SEO

● All Databases

Oxy Pure Gold A Federal #2

County Eddy	Unit Letter M	Section 21	Township 23S	Range 31E
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Trend Map 150'



**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
Benzene	BTEX 8021B		1.5	3.3	4.2	6.04	<0.200
Toluene	BTEX 8021B		13.9	12.7	14	21.1	0.674
Ethylbenzene	BTEX 8021B		12.4	13	12.3	19.1	1.11
Total Xylenes	BTEX 8021B		36.8	38.8	3805	61.5	3.73
Total BTEX	BTEX 8021B		64.5	67.8	69	108	5.51
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		2660	2370	3120	4440	294
DRO	TPH 8015M		10000	8390	7140	11300	1770

		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
Benzene	BTEX 8021B		2	1.89	4.57	<0.050	<0.050
Toluene	BTEX 8021B		9.3	6.66	17.4	<0.050	0.067
Ethylbenzene	BTEX 8021B		9.58	7.2	15.5	0.055	0.156
Total Xylenes	BTEX 8021B		31.1	22.9	49.1	<0.150	0.518
Total BTEX	BTEX 8021B		52	38.6	86.7	<0.300	0.74
Chloride	SM4500Cl-B		16	16	<16.0	<16.0	<16.0
GRO	TPH 8015M		2340	1530	3620	12.3	19.8
DRO	TPH 8015M		7790	5230	9040	635	391

		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
Benzene	BTEX 8021B		2.7	5.45	6.64	8.41	<0.100
Toluene	BTEX 8021B		21.6	39.5	41.8	24.3	0.397
Ethylbenzene	BTEX 8021B		18.2	27.8	26.2	18.2	0.689
Total Xylenes	BTEX 8021B		58.4	87.8	83.3	56.4	2.56
Total BTEX	BTEX 8021B		101	161	158	107	3.65
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	32
GRO	TPH 8015M		4100	6250	6180	5000	237
DRO	TPH 8015M		10600	12800	10100	10800	1460

		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
Benzene	BTEX 8021B		<2.00	4.42	23.7	<0.050	<0.050
Toluene	BTEX 8021B		12.3	20.5	21.7	<0.050	0.124
Ethylbenzene	BTEX 8021B		11.5	16.1	16.2	0.083	0.218
Total Xylenes	BTEX 8021B		40.2	52.6	51.8	0.303	0.771
Total BTEX	BTEX 8021B		63.9	93.7	92.1	0.386	1.11
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		2890	4010	4720	28.8	42.5
DRO	TPH 8015M		13400	8760	10700	357	385

		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
Benzene	BTEX 8021B		2.23	2.28	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		18.4	18.1	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		14.1	14.8	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		45.1	45.5	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		79.9	80.7	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	64
GRO	TPH 8015M		2830	3440	<10.0	<10.0	<10.0
DRO	TPH 8015M		9300	8200	64.4	42.3	85.6

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.

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
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.50	0.500	04/11/2016	ND	2.00	100	2.00	1.28	
Toluene*	13.9	0.500	04/11/2016	ND	1.91	95.3	2.00	0.464	
Ethylbenzene*	12.4	0.500	04/11/2016	ND	1.69	84.3	2.00	0.793	
Total Xylenes*	36.8	1.50	04/11/2016	ND	5.20	86.6	6.00	0.493	
Total BTX	64.5	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	
GRO C6-C10	2660	50.0	04/12/2016	ND	188	94.2	200	1.08		
DRO >C10-C28	10000	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
Benzene*	3.30	0.500	04/11/2016	ND	2.00	100	2.00	1.28	
Toluene*	12.7	0.500	04/11/2016	ND	1.91	95.3	2.00	0.464	
Ethylbenzene*	13.0	0.500	04/11/2016	ND	1.69	84.3	2.00	0.793	
Total Xylenes*	38.8	1.50	04/11/2016	ND	5.20	86.6	6.00	0.493	
Total BTEX	67.8	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
GRO C6-C10	2370	100	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	8390	100	04/12/2016	ND	173	86.6	200	7.60	

Surrogate: 1-Chlorooctane 141 % 35-147

Surrogate: 1-Chlorooctadecane 192 % 28-171

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*=Accredited Analyte

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

Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.20	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	QM-07
Toluene*	14.0	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	QM-07
Ethylbenzene*	12.3	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	38.5	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTX	69.0	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
GRO C6-C10	3120	100	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	7140	100	04/12/2016	ND	173	86.6	200	7.60	

Surrogate: 1-Chlorooctane 133 % 35-147

Surrogate: 1-Chlorooctadecane 157 % 28-171

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P.O. Box 805
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Fax To: (575) 397-0397

Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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
Benzene*	6.04	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
Toluene*	21.1	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	19.1	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	61.5	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTEX	108	12.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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						S-06

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	4440	100	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	11300	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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Fax To: (575) 397-0397

Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 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	
Toluene*	0.674	0.200	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	1.11	0.200	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	3.73	0.600	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTX	5.51	1.20	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
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
GRO C6-C10	294	10.0	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	1770	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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BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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
Benzene*	2.00	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
Toluene*	9.30	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	9.58	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	31.1	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTEX	52.0	12.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2340	100	04/12/2016	ND	188	94.2	200	1.08		
DRO >C10-C28	7790	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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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
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.89	1.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
Toluene*	6.66	1.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	7.20	1.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	22.9	3.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTX	38.6	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
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
GRO C6-C10	1530	50.0	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	5230	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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P.O. Box 805
Hobbs NM, 88241
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Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

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

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3620	100	04/12/2016	ND	188	94.2	200	1.08		
DRO >C10-C28	9040	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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 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 @ 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	
Ethylbenzene*	0.055	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
GRO C6-C10	12.3	10.0	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	635	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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Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 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*	0.067	0.050	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	0.156	0.050	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	0.518	0.150	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTX	0.740	0.300	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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
GRO C6-C10	19.8	10.0	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	391	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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 Received: 04/08/2016
 Reported: 04/15/2016
 Project Name: PURE GOLD FED #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 04/06/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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
Benzene*	2.70	2.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
Toluene*	21.6	2.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	18.2	2.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	58.4	6.00	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTEx	101	12.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4100	100	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	10600	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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Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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
Benzene*	5.45	5.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
Toluene*	39.5	5.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	27.8	5.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	87.8	15.0	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTEX	161	30.0	04/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	6250	200	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	12800	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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Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.64	5.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
Toluene*	41.8	5.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	26.2	5.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	83.3	15.0	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTX	158	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	
GRO C6-C10	6180	200	04/12/2016	ND	188	94.2	200	1.08		
DRO >C10-C28	10100	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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 Received: 04/08/2016
 Reported: 04/15/2016
 Project Name: PURE GOLD FED #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 04/06/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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
Benzene*	8.41	5.00	04/12/2016	ND	1.89	94.4	2.00	3.59	
Toluene*	24.3	5.00	04/12/2016	ND	1.79	89.3	2.00	5.11	
Ethylbenzene*	18.2	5.00	04/12/2016	ND	1.60	80.0	2.00	4.37	
Total Xylenes*	56.4	15.0	04/12/2016	ND	4.95	82.5	6.00	3.56	
Total BTEx	107	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
GRO C6-C10	5000	200	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	10800	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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Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 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	
Toluene*	0.397	0.100	04/13/2016	ND	1.81	90.5	2.00	0.391	
Ethylbenzene*	0.689	0.100	04/13/2016	ND	1.62	81.1	2.00	0.716	
Total Xylenes*	2.56	0.300	04/13/2016	ND	5.02	83.7	6.00	0.676	QM-07
Total BTX	3.65	0.600	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 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	32.0	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	237	10.0	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	1460	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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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)

BTX 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	
Toluene*	12.3	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
Ethylbenzene*	11.5	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
Total Xylenes*	40.2	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
Total BTX	63.9	12.0	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	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
GRO C6-C10	2890	200	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	13400	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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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
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

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

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	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
GRO C6-C10	4010	200	04/12/2016	ND	188	94.2	200	1.08	
DRO >C10-C28	8760	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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Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

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

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	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
GRO C6-C10	4720	200	04/12/2016	ND	192	96.0	200	3.77	QM-07
DRO >C10-C28	10700	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)

BTX 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*	0.083	0.050	04/13/2016	ND	1.62	81.1	2.00	0.716	
Total Xylenes*	0.303	0.150	04/13/2016	ND	5.02	83.7	6.00	0.676	
Total BTX	0.386	0.300	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	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	28.8	10.0	04/12/2016	ND	192	96.0	200	3.77	
DRO >C10-C28	357	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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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)

BTX 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*	0.124	0.050	04/13/2016	ND	1.81	90.5	2.00	0.391	
Ethylbenzene*	0.218	0.050	04/13/2016	ND	1.62	81.1	2.00	0.716	
Total Xylenes*	0.771	0.150	04/13/2016	ND	5.02	83.7	6.00	0.676	
Total BTX	1.11	0.300	04/13/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	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	42.5	10.0	04/12/2016	ND	192	96.0	200	3.77	
DRO >C10-C28	385	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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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 @ 1' (H600769-21)

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.23	2.00	04/13/2016	ND	1.91	95.7	2.00	1.34	
Toluene*	18.4	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
Ethylbenzene*	14.1	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
Total Xylenes*	45.1	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
Total BTEX	79.9	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
GRO C6-C10	2830	200	04/12/2016	ND	192	96.0	200	3.77	
DRO >C10-C28	9300	200	04/12/2016	ND	210	105	200	8.25	

Surrogate: 1-Chlorooctane 136 % 35-147

Surrogate: 1-Chlorooctadecane 221 % 28-171

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

Received: 04/08/2016
Reported: 04/15/2016
Project Name: PURE GOLD FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.28	2.00	04/13/2016	ND	1.91	95.7	2.00	1.34	
Toluene*	18.1	2.00	04/13/2016	ND	1.81	90.5	2.00	0.391	
Ethylbenzene*	14.8	2.00	04/13/2016	ND	1.62	81.1	2.00	0.716	
Total Xylenes*	45.5	6.00	04/13/2016	ND	5.02	83.7	6.00	0.676	
Total BTX	80.7	12.0	04/13/2016	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	
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
GRO C6-C10	3440	200	04/12/2016	ND	192	96.0	200	3.77	
DRO >C10-C28	8200	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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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)

BTX 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 BTX	<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
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	
DRO >C10-C28	64.4	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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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	
DRO >C10-C28	42.3	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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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
Chloride	64.0	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	
DRO >C10-C28	85.6	10.0	04/12/2016	ND	210	105	200	8.25	

Surrogate: 1-Chlorooctane 89.1 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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 of 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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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:																																																																																									
Project #:										Project Owner: CH										City:																																																																																									
Project Name: Pine Cold Fed 2										State:										Zip:																																																																																									
Project Location:										Phone #:																																																																																																			
Sampler Name: Pine Brunson										Fax #:																																																																																																			
FOR LAB USE ONLY										MATRIX										PRESERV										SAMPLING																																																																															
Lab I.D.										(G)RAB OR (C)OMP.										# CONTAINERS										DATE										TIME																																																																					
Sample I.D.										GROUNDWATER										WASTEWATER										SOIL										OIL										SLUDGE										OTHER :										ACID/BASE:										ICE / COOL										OTHER :																			
H1007169										1										2										3										4										5										6										7										8										9										10									
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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

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

Form C-141
Revised August 8, 2011

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	Date and Hour of Discovery	
		03/06/2016			
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.*

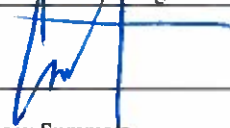
Describe Cause of Problem and Remedial Action Taken.*

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

* Attach Additional Sheets If Necessary