

Incident ID	nAB1432552641
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	___ 639 ___ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Dale Woodall Title: Env. Professional

Signature: *Dale Woodall* Date: 10/3/2023

Email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Shelly Wells Date: 10/4/2023

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## Remediation Plan

**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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 Signature: Dale Woodall Date: 10/3/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Shelly Wells Date: 10/4/2023

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Env. Professional  
 Signature: *Dale Woodall* Date: 10-3-2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Shelly Wells Date: 10/4/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: *Ashley Maxwell* Date: 10/17/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist



402 E. Wood Avenue  
Carlsbad, New Mexico 88220  
Tel. 432.701.2159  
www.ntgenvironmental.com

September 15, 2023

Mike Bratcher  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, New Mexico 88210

**Re: Closure Report  
North Pure Gold 10 J Federal #010  
Unit J, S10, T23S, R31E  
Site Coordinates: 32.3175201, -103.7635574  
Eddy County, New Mexico  
Incident ID: nAB1432552641**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), NTG Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the North Pure Gold 10 J Federal #010 (Site). The Site is located approximately 19 miles east of Loving, New Mexico in Eddy County (Figures 1 and 2).

### **Background**

Based on the initial C-141 (attached) obtained from the New Mexico Oil Conservation Division (NMOCD), the release happened on November 18<sup>th</sup>, 2014. The release nAB1432552641 resulted from poly line being ran over causing it to rupture and release 600 barrels (bbls) of produced water, of which 0 bbls were recovered. Upon discovery, the well was shut-in, and the area was secured. The line was isolated and repaired. The release area is shown on Figure 3.

### **Site Characterization**

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 13 (NMAC 19.15.29.13).

Based on a review of the New Mexico Office of State Engineers and USGS databases, there no known water sources within a ½-mile radius of the Site, with the site located in a Low Karst area. The nearest identified well is located approximately 0.53 miles southwest of the Site in Sec 15 T23S R31E. The well was drilled in 2014 with a reported depth to groundwater of 639 feet below ground surface (ft bgs). A copy of the site characterization information and the associated NMOSE summary report is attached.

### **Regulatory Criteria**

In accordance with the NMOCD regulatory criteria established in NMAC 19.15.29.13, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).

Mr. Mike Bratcher  
 September 15, 2023  
 Page 2 of 3

- Chloride: 600 mg/kg

### **Site Assessment**

On August 17<sup>th</sup>, 2023, and August 29<sup>th</sup>, 2023, NTG Environmental, LLC (NTGE) conducted site assessment activities to determine the presence/extent of impacts at the Site. Upon arrival the site was discovered to be reclaimed. NTGE used the following secondary containment corner coordinates to determine the assessment area. The coordinates were provided by Devon and verified using Google Earth.

Secondary Containment Corner	Coordinates (WGS84)
Northwest	32.317957°, -103.763999°
Northeast	32.317949°, -103.763540°
Southeast	32.317436°, -103.763529°
Southwest	32.317430°, -103.763995°

Based on GPS coordinates the assessment area measured 144ft by 190ft (27,360 square feet). A total of six (6) vertical sample points (i.e., V-1 through V-6), as well as ten (10) horizontal sample points (i.e., H-1 through H-10) were installed within and adjacent to the release area to characterize the impacts. Soil samples were collected in half foot intervals from depths ranging from 0 to 4.5 ft below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol. Soil samples were collected and analyzed for the following:

- TPH (EPA method 8015 modified),
- BTEX (EPA Method 8021B), and
- Chloride (method SM4500Cl-B).

### **Analytical Results**

Analytical results indicated that all constituents of concern concentrations for all samples were below the Table I Closure Criteria across the release area. Laboratory reports containing analytical methods and chain-of-custody documents are attached. All analytical laboratory results are included in Table 1.

Mr. Mike Bratcher  
September 15, 2023  
Page 3 of 3

**Conclusions**

Based on the site assessment, the site is compliant with the regulatory limits and no further actions are required at the site. A copy of the final C- 141 is attached, and Devon formally request a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager

Attachments:

- Initial And Final C-141
- Site Characterization Information
- Tables
- Figures
- Photographic Log
- Laboratory Reports and Chain-of-Custody Documents

**INITIAL AND FINAL C-141**

---

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

**NM OIL CONSERVATION**

ARTESIA DISTRICT

Form C-141  
Revised August 8, 2011

NOV 21 2014

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

RECEIVED

**Release Notification and Corrective Action**

*NAB143252641*

**OPERATOR**

Initial Report  Final Report

Name of Company Devon Energy Production <i>10137</i>	Contact Daniel Suniga- Devon Production Foreman
Address 6488 Seven Rivers Hwy Artesia, NM 88220	Telephone No. 575-390-5850
Facility Name North Pure Gold 10J Fed 10	Facility Type: Oil

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-33386
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	10	23S	31E	2130	SOUTH	1980	EAST	EDDY

Latitude: 32.3175219530467 Longitude: -103.763586846606

**NATURE OF RELEASE**

Type of Release Spill: Produced Water	Volume of Release 600 bbls pw	Volume Recovered 0 bbls pw
Source of Release: Ruptured line	Date and Hour of Occurrence November 18, 2014 8:30 AM	Date and Hour of Discovery November 18, 2014 8:30 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jeff Robertson- BLM Mike Bratcher- OCD	
By Whom? Kevin Phillips- Devon Assistant Production Foreman	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse N/A	

If a Watercourse was Impacted, Describe Fully.\* N/A

**Describe Cause of Problem and Remedial Action Taken.\***  
A polyline was run over causing it to rupture and release produced water at the North Pure Gold 10J Fed 10. The line was isolated and repaired.

**Describe Area Affected and Cleanup Action Taken.\***  
A tract of approximately 4' x 1500' was affected by the produced water. Environmental cleanup is being coordinated with Talon to address the affected soil. No water was able to be recovered.

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Signature: <i>Yuri Fernandez</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Yuri Fernandez	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Admin Support	Approval Date: <i>10/21/14</i>	Expiration Date: <i>N/A</i>
E-mail Address: Yuri.Fernandez@dvn.com	Conditions of Approval: <b>Remediation per O.C.D. Rules &amp; Guidelines</b> Attached <input type="checkbox"/>	
Date: November 20, 2014 Phone: 575.748.1846	<b>SUBMIT REMEDIATION PROPOSAL NO</b>	

\* Attach Additional Sheets If Necessary

LATER THAN: 12/21/14

*2RP-2621*

Incident ID	nAB1432552641
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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release resulted in 600 bbls of produced water
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, immediate notice was given to the OCD by Kevin Phillips – Devon Assistant Production Foreman. Jeff Robertston of the BLM and Mike Bratcher of the OCD were given notice.	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:  
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.
Printed <u>Dale Woodall</u> Title: <u>Env. Professional</u> Signature: <u>Dale Woodall</u> Date: <u>10/3/2023</u> email: <u>dale.woodall@dvn.com</u> Telephone: <u>575-748-1838</u>
<b><u>OCD Only</u></b> Received by: _____ Date: _____

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Signature: *Dale Woodall* Date: 10/3/2023

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**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
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- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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 Signature: Dale Woodall Date: 10/3/2023  
 email: dale.woodall@dm.com Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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**Closure Report Attachment Checklist: Each of the following items must be included in the closure report.**

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Printed Name: Dale Woodall Title: Env. Professional  
 Signature: Dale Woodall Date: 10-3-2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**Patterson, Heather, EMNRD**

---

**From:** Fernandez, Yuri <Yuri.Fernandez@dvn.com>  
**Sent:** Friday, November 21, 2014 7:58 AM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Patterson, Heather, EMNRD  
**Subject:** 1/2 North Pure Gold 10J Fed 10 600 bbl Produced Water Spill 11-18-2014  
**Attachments:** C-141 North Pure Gold 10J Fed 10 600 bbl produced water spill 11-18-2014.doc; North Pure Gold 10J Fed 10 pic 1 of 2 600 bbl produced water spill 11-18-2014.jpg; North Pure Gold 10J Fed 10 pic 2 of 2 600 bbl produced water spill 11-18-2014.jpg

Good morning Everyone,

Please confirm receipt. The attached files are relating to the 600 bbl produced water spill that occurred at the North Pure Gold 10J Fed 10 on November 18, 2014.

*Yuri Fernández*

**Field Admin Support  
Production**

**Devon Energy Corporation  
P.O. Box 250  
Artesia, NM 88211  
575 748 1846  
[Yuri.Fernandez@dvn.com](mailto:Yuri.Fernandez@dvn.com)**

**devon**

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

### ENVIRONMENTAL RELEASE NOTIFICATION

#### Call-In Sheet

Date: 11/18/14

Notice received by: AB

Kevin w/ Devon 575-386-6618 North Pine Blvd 10 - J Fed #10  
Name of Company/Phone # Facility Name

015-33386 I-10 23s - 31e 11/18/14  
API # Sec. Township Range Date of Occurrence

PW 600 bbls cent  
Date/Hour of Discovery Type of Release Volume of Release Volume Recovered

Briefly Describe Cause of Problem and action taken: \_\_\_\_\_

Kevin / Devon 11/18/14 1:50 PM  
Notice given by: Name/ Company Date/Hour Immediate Notice given

Date C-141 received: \_\_\_\_\_ 2RP- \_\_\_\_\_

\*\*\*\*\*

### FLARE NOTIFICATION

#### Call-In Sheet

Date: \_\_\_\_\_

Notice received by: \_\_\_\_\_

\_\_\_\_\_  
Name of Company/Phone #

\_\_\_\_\_  
Facility Name

\_\_\_\_\_  
Date of Occurrence Date/Hour of Flare Type of Release

\_\_\_\_\_  
Flared MCF Volume Volume Recovered

Briefly Describe Cause of Problem and action taken: \_\_\_\_\_

\_\_\_\_\_  
Notice given by: Name/ Company

\_\_\_\_\_  
Date/Hour Immediate Notice given

Date C-141 received: \_\_\_\_\_ 2RP- \_\_\_\_\_

## **SITE CHARACTERIZATION INFORMATION**

---

**NMOCD Closure Criteria**

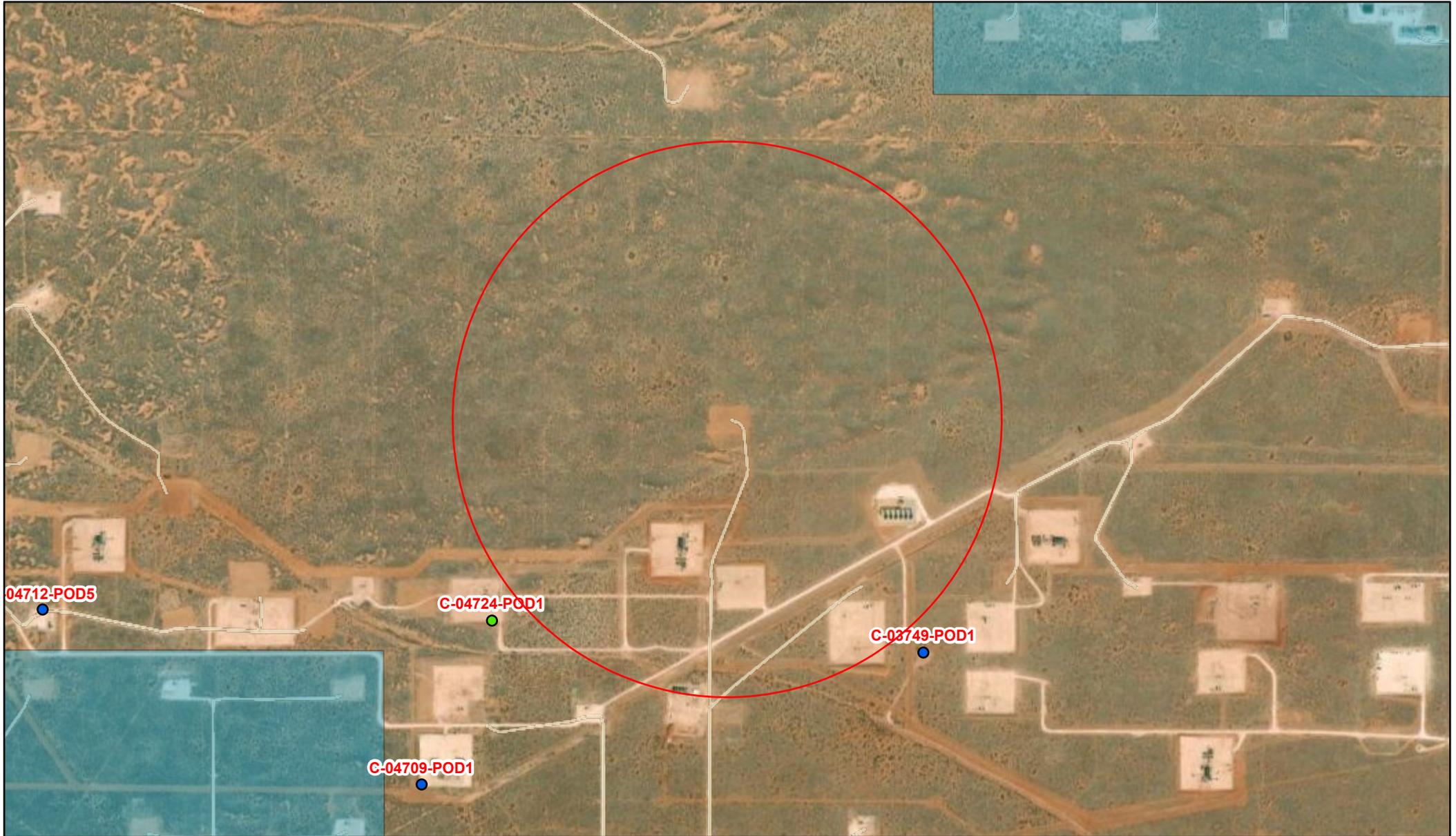
North Pure Gold 10 J Federal #010

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	639	Office of the State Engineer (OSE) - 0.53 miles from site
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	>2640	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	>2640	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50	X	600	100	--	50	10
51 - 100		10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water		in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh water well used by less than 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within an unstable area?	No					
Within a 100 yr floodplain?	No					

\* - numerical limit or background, whichever is greater

# OSE POD Locations Map



7/26/2023, 3:01:29 PM

GIS WATERS PODs ●

● Active

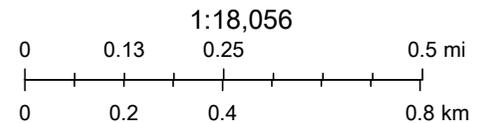
● Pending

□ OSE District Boundary

New Mexico State Trust Lands

□ Both Estates

▨ SiteBoundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

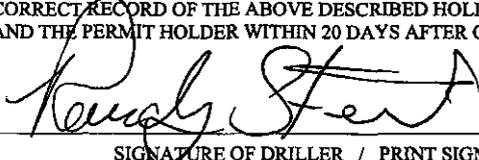
[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) <b>C-3749 POD 1 (H12R)</b>			OSE FILE NUMBER(S) <b>C-3749 POD 1</b>				
	WELL OWNER NAME(S) <b>US Dept of Energy</b>			PHONE (OPTIONAL) <b>575-234-7488</b>				
	WELL OWNER MAILING ADDRESS <b>POB 3090</b>			CITY <b>Carlsbad</b>		STATE ZIP <b>NM 88221-3090</b>		
	WELL LOCATION (FROM GPS)	DEGREES		MINUTES	SECONDS	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE		<b>32</b>	<b>18</b>			<b>42.0588</b>
	LONGITUDE		<b>-103</b>	<b>45</b>	<b>26.7078</b>	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE <b>From Jal Hwy take Redd Rd 3 miles north, head west 1 mile on dirt road to H12 Well site</b>								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER <b>NM 331</b>		NAME OF LICENSED DRILLER <b>Randy Stewart</b>			NAME OF WELL DRILLING COMPANY <b>Stewart Brothers</b>		
	DRILLING STARTED <b>7/10/14</b>	DRILLING ENDED <b>8/6/14</b>	DEPTH OF COMPLETED WELL (FT) <b>865</b>	BORE HOLE DEPTH (FT) <b>865</b>	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>639</b>		
	DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	40	17 1/2	13 3/8	Weld	12 1/4	.375	
	40	820	12 1/4	5" Fiberglass Blank	Threaded	4.5		
	820	846	12 1/4	5" Fiberglass Slotted	Threaded	4.5		.070
846	858	12 1/4	5" Fiberglass Blank	Threaded	4.5			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	857	865	12 1/4	8/12 Sand	2	Tremie		
	851	857	12 1/4	Gelacryl Superflex Seal	1	Tremie		
	816	851	12 1/4	8/16 Sand Pack	6	Tremie		
	811	816	12 1/4	Fine Sand	1	Tremie		
	806	811	12 1/4	Gelacryl Super Flex	1	Tremie		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

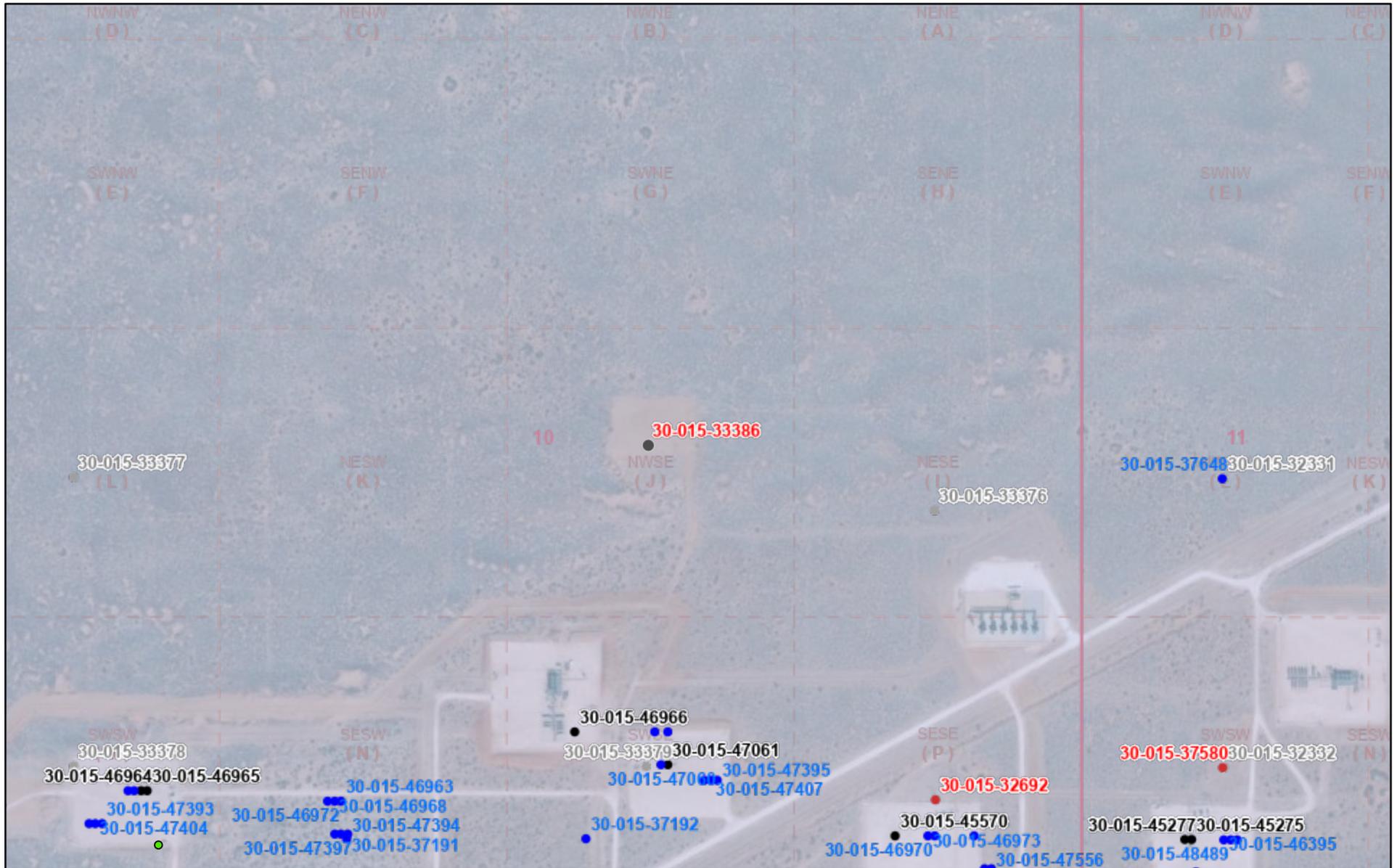
FILE NUMBER	<b>C-3749</b>	POD NUMBER	<b>1</b>	TRN NUMBER	<b>548076</b>
LOCATION	<b>4-4-3</b>	<b>235.32E.07</b>			PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	1	12	11	Dune sand and pad material	<input type="radio"/> Y <input checked="" type="radio"/> N	
	12	16	4	Mescalero Caliche	<input type="radio"/> Y <input checked="" type="radio"/> N	
	16	20	4	Gatuna (Sandstone)	<input type="radio"/> Y <input checked="" type="radio"/> N	
	20	70	50	Santa Rosa (Sandstone)	<input type="radio"/> Y <input checked="" type="radio"/> N	
	70	620	550	Dewy Lake Sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	620	648	28	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	648	663	15	Mudstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	663	678	15	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
	678	702	4	Magenta Dolomite	<input type="radio"/> Y <input type="radio"/> N	
	702	756	54	Anhydrite	<input type="radio"/> Y <input type="radio"/> N	
	756	772	16	Halite	<input type="radio"/> Y <input type="radio"/> N	
	772	820	48	Anhydrite	<input type="radio"/> Y <input type="radio"/> N	
	820	846	26	Culebra Dolomite	<input checked="" type="radio"/> Y <input type="radio"/> N	
	846	856	10	Mudstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	856	865	9	Anhydrite	<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED WELL YIELD (gpm): 5	
<input checked="" type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION:					
	Monitor Well					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:						
Don Ward						
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:					
			Randy Stewart		8/30/14	
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE				

STATE ENGINEER'S OFFICE  
 PERMITTING DIVISION  
 2014 SEP 11 10:4

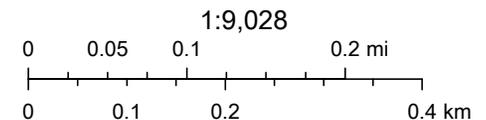
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	C-3749	POD NUMBER	1
LOCATION	4-4-3	TRN NUMBER	548076
	235.32E.07		PAGE 2 OF 2

# North Pure Gold 10 J Federal #010



9/15/2023, 12:09:31 PM

- |                                    |                |                            |
|------------------------------------|----------------|----------------------------|
| OSE Water PODs Wells - Large Scale | ● Oil, New     | Karst Occurrence Potential |
| ● Pending                          | ● Oil, Active  | ■ Low                      |
| ● Oil, Cancelled                   | ● Oil, Plugged | --- PLSS Second Division   |



BLM, OCD, New Mexico Tech, Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Oil Conservation

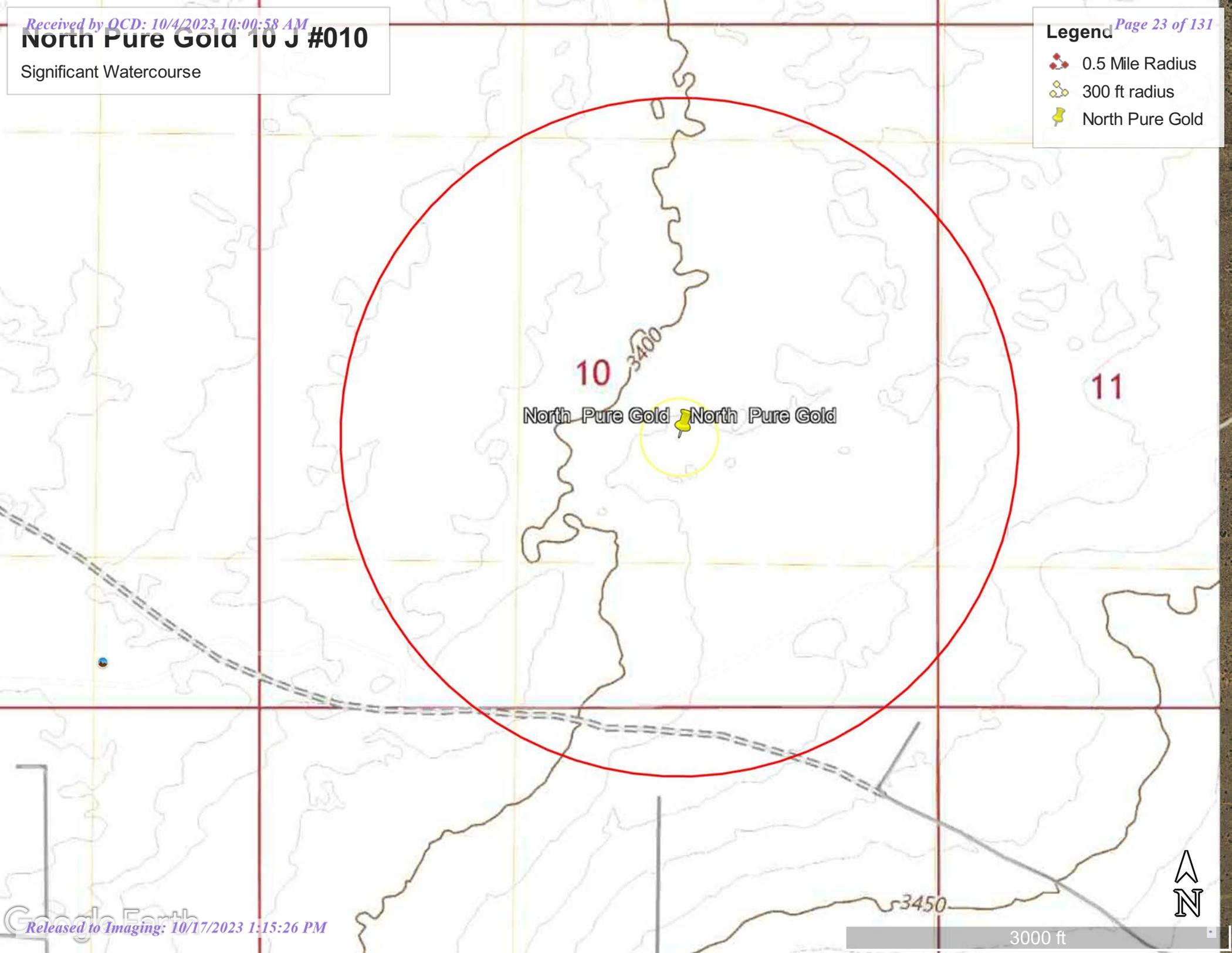
New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

# North Pure Gold 10 J #010

Significant Watercourse

-  0.5 Mile Radius
-  300 ft radius
-  North Pure Gold





# North pure gold wetland



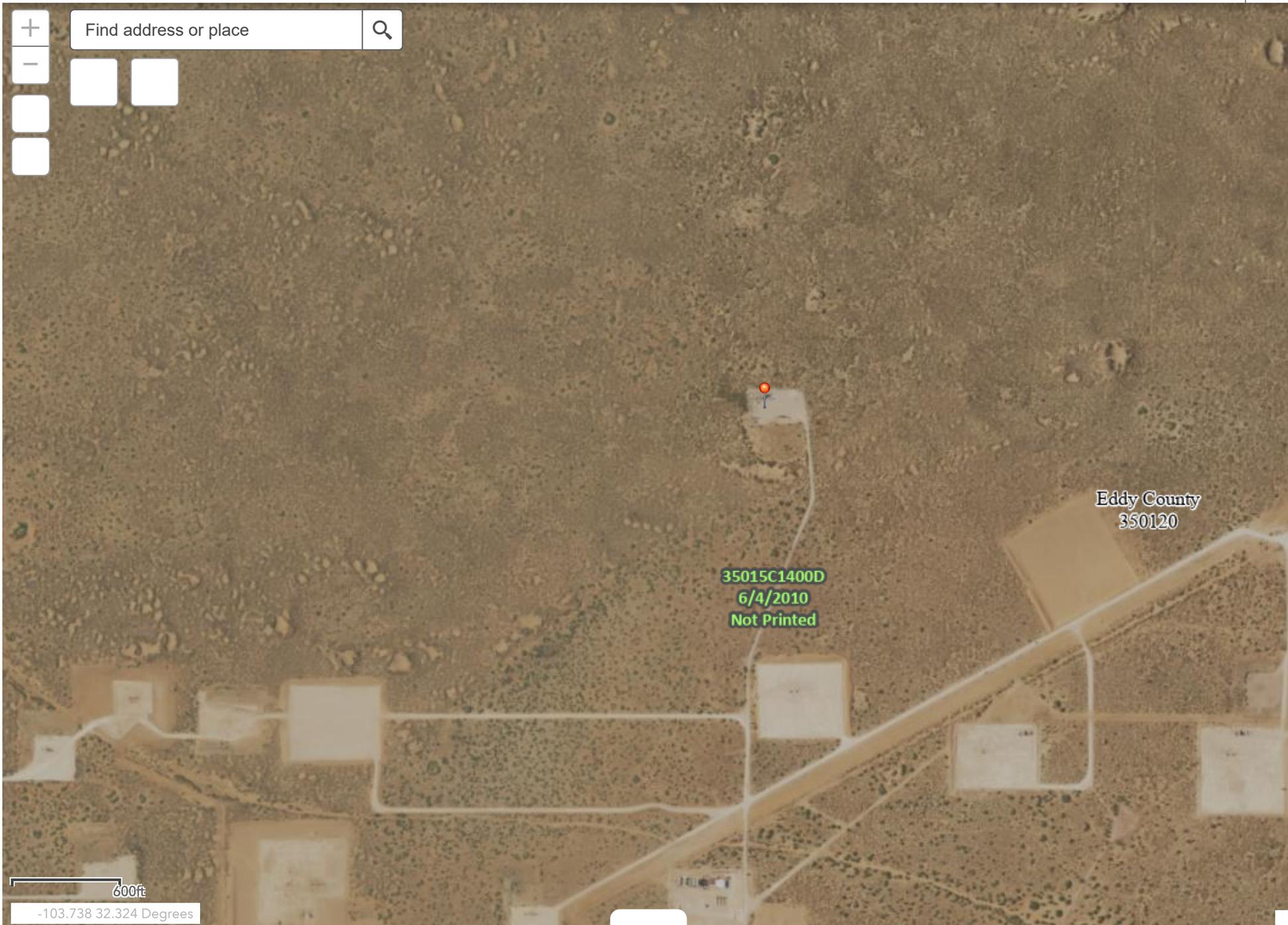
July 26, 2023

### Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Other
- Freshwater Pond
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

FEMA's National Flood Hazard Layer (NFHL) Viewer with Web AppBuilder for ArcGIS



## **TABLES**

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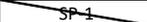
**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**North Pure Gold 10 J Federal #010**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Total GRO/DRO/MRO (mg/kg)	Chloride (mg/kg)
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (mg/kg)	MRO (C28-C35)		
			Table 1 Closure Criteria for Restoration, Reclamation and Re-Vegetation 19.15.29.13 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
<b>Vertical Delineation Samples</b>													
V-1	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-2	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
V-3	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/17/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/17/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
V-4	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/17/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/17/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
V-5	8/29/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-6	8/29/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
<b>Horizontal Delineation Samples</b>													
H-1	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-2	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**North Pure Gold 10 J Federal #010**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	(mg/kg)
			Table I Closure Criteria for Restoration, Reclamation and Re-Vegetation 19.15.29.13 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
<b>Vertical Delineation Samples</b>													
H-3	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
H-4	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
H-5	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
H-6	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
H-7	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16</b>
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
H-8	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
H-9	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16</b>
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
H-10	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16</b>
	8/29/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>10.1</b>	<b>10.1</b>	<10.0	<b>10.1</b>	<b>&lt;16.0</b>
	8/29/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>
	8/29/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>&lt;16.0</b>

Notes:

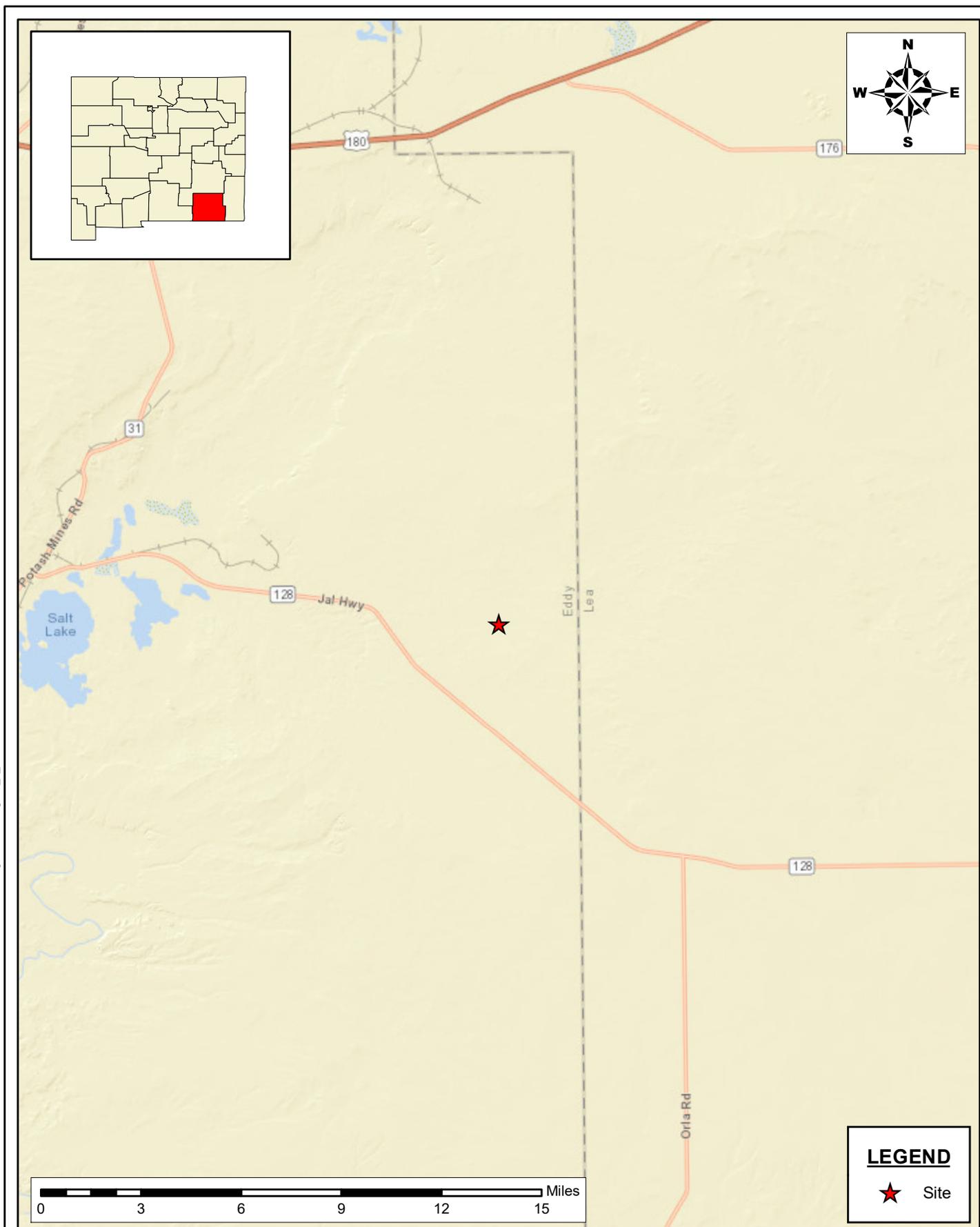
- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
-  Sample Point Excavated

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

## **FIGURES**

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Document Path: P:\2023 PROJECTS\DEVON\IRSC\237626- North Pure Gold 10 J Federal #0107- Figures\GIS\Figure\_1\_SL.mxd



**SITE LOCATION MAP**  
**SITE ASSESSMENT REPORT**  
 NORTH PURE GOLD 10 J FEDERAL #010  
 DEVON ENERGY PRODUCTION COMPANY  
 EDDY COUNTY, NEW MEXICO  
 32.3175201, -103.7635574

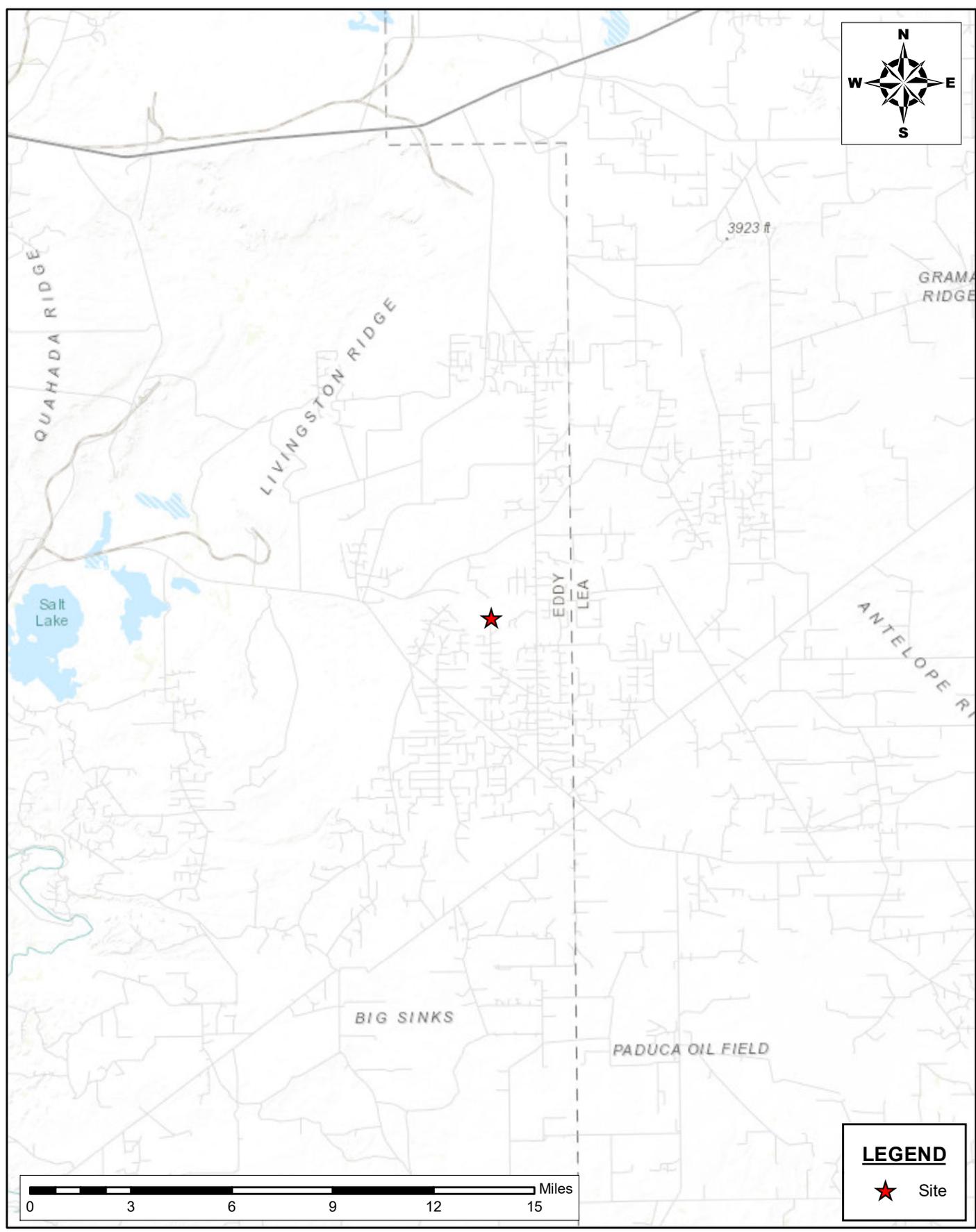
SCALE: As Shown    Date: 8/2/2023    PROJECT #: 237626

  
**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntgenviroinmental.com

**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 1**  
 SHEET NUMBER:  
**1 of 1**

Document Path: P:\2023 PROJECTS\DEVON\RSC\237626- North Pure Gold 10 J Federal #0107- Figures\GIS\Figure\_2\_TM.mxd



**LEGEND**

★ Site

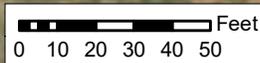
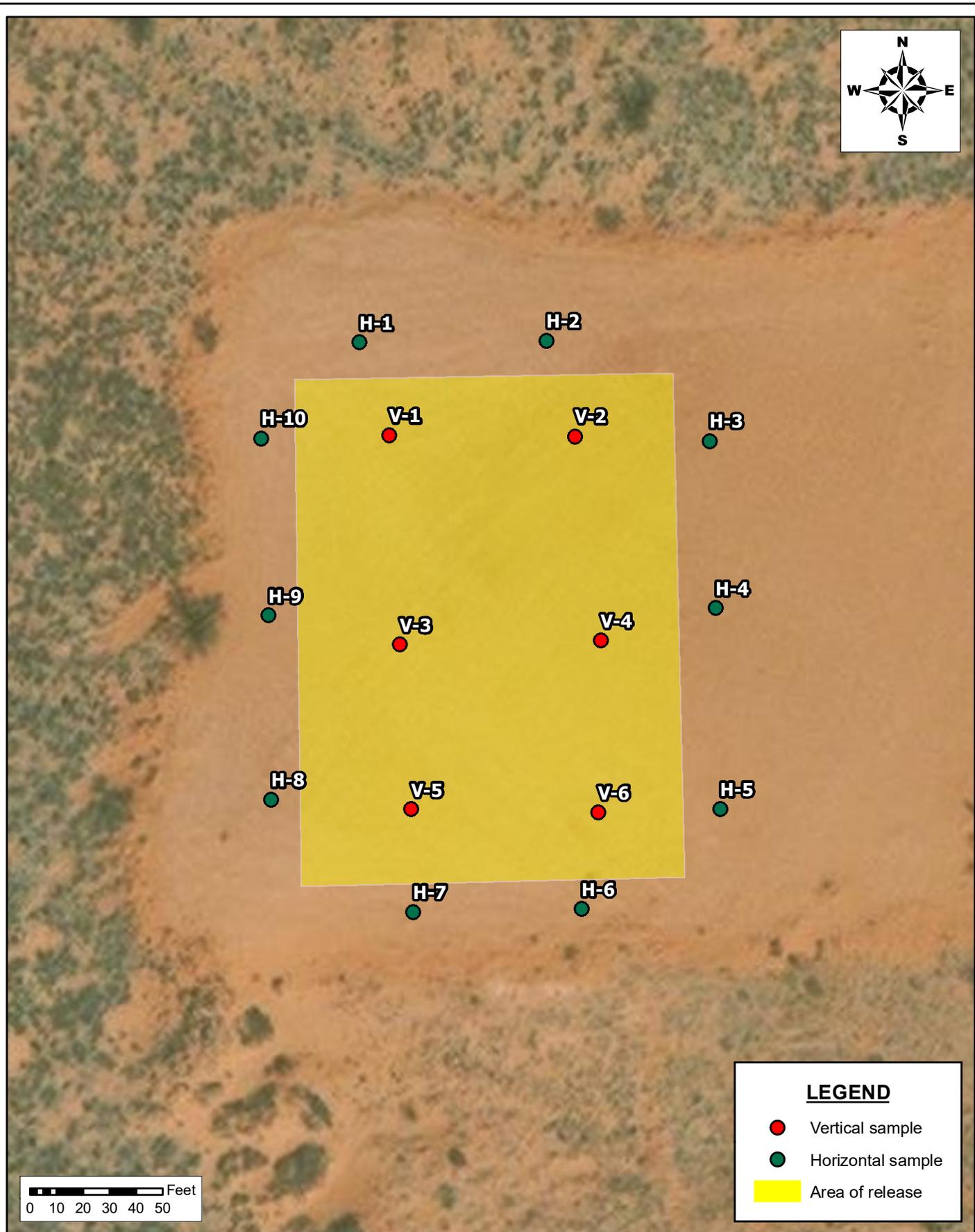
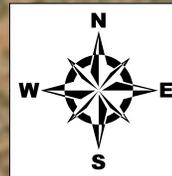
**TOPOGRAPHIC MAP  
SITE ASSESSMENT REPORT**  
 NORTH PURE GOLD 10 J FEDERAL #010  
 DEVON ENERGY PRODUCTION COMPANY  
 EDDY COUNTY, NEW MEXICO  
 32.3175201, -103.7635574

SCALE: As Shown    Date: 8/2/2023    PROJECT #: 237626

 **NTG ENVIRONMENTAL**  
 New Tech Global Environmental, LLC  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntgenviromental.com

**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 2**  
 SHEET NUMBER:  
**1 of 1**



**LEGEND**

- Vertical sample
- Horizontal sample
- Area of release

Document Path: P:\2023 PROJECTS\DEVON\IRSC\237626 - North Pure Gold 10 J Federal #0107- Figures\GIS\Figure\_3\_SA.mxd

**SAMPLE LOCATION MAP  
SITE ASSESSMENT REPORT**  
 NORTH PURE GOLD 10 J FEDERAL #010  
 DEVON ENERGY PRODUCTION COMPANY  
 EDDY COUNTY, NEW MEXICO



**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntgenviroanmental.com

**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:

**FIGURE 3**

SHEET NUMBER:

**1 of 1**

SCALE: As Shown      Date: 9/15/2023      PROJECT #: 237626

**PHOTOGRAPHIC LOG**

---

# PHOTOGRAPHIC LOG

## North Pure Gold 10 J Federal #010

### Photograph No. 1

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.

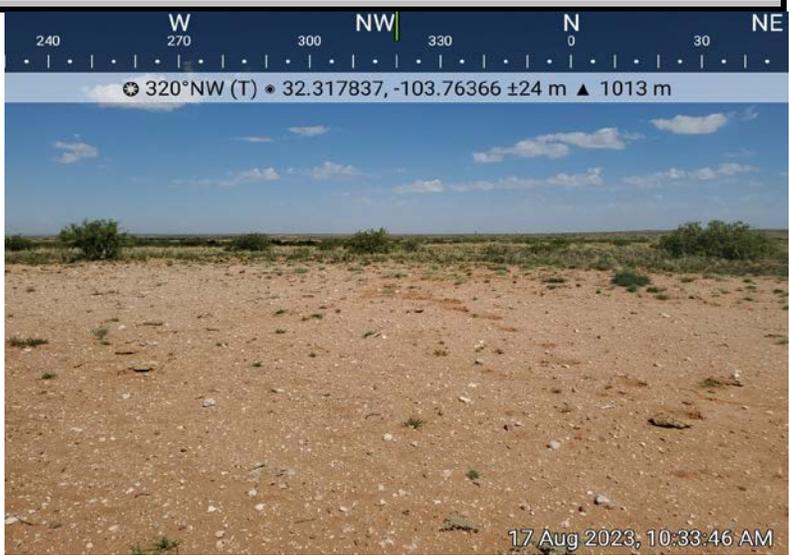


### Photograph No. 2

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.

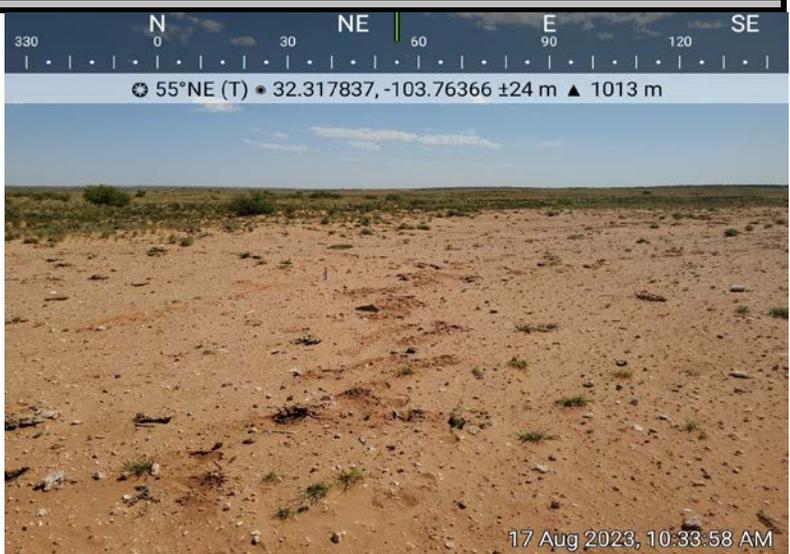


### Photograph No. 3

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.



# PHOTOGRAPHIC LOG

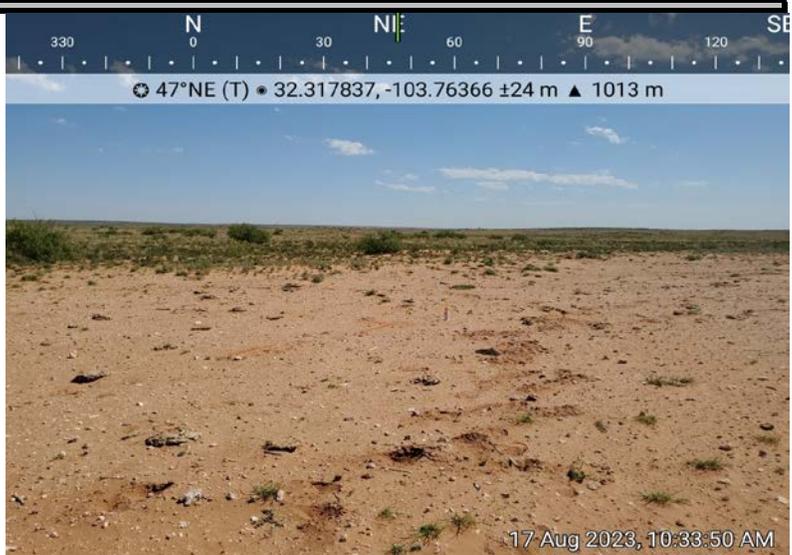
## North Pure Gold 10 J Federal #010

### Photograph No. 4

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.

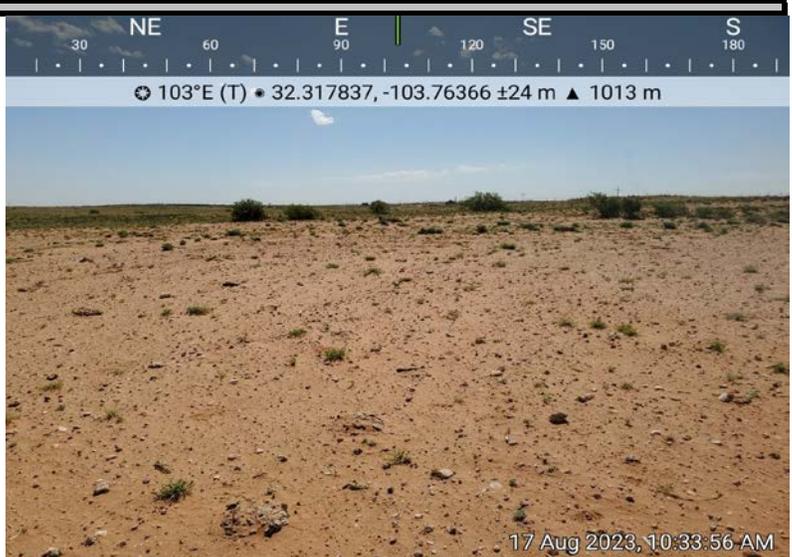


### Photograph No. 5

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.



### Photograph No. 6

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.



# PHOTOGRAPHIC LOG

## North Pure Gold 10 J Federal #010

### Photograph No. 7

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.



### Photograph No. 8

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.



### Photograph No. 9

**Facility:** North Pure Gold 10 J Federal #010

**County:** Eddy County, New Mexico

**Description:**  
Area of concern from spill.



**LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**



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

---

August 23, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH PURE GOLD 10 J FEDERAL #010

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 1 0-6" (H234473-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	1.95	97.7	2.00	0.871	
Toluene*	<0.050	0.050	08/19/2023	ND	1.86	93.1	2.00	0.465	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.1	2.00	0.514	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.70	95.0	6.00	0.559	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 1 1-1.5' (H234473-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	1.95	97.7	2.00	0.871	
Toluene*	<0.050	0.050	08/19/2023	ND	1.86	93.1	2.00	0.465	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.1	2.00	0.514	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.70	95.0	6.00	0.559	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 1 2-2.5' (H234473-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	1.95	97.7	2.00	0.871	
Toluene*	<0.050	0.050	08/19/2023	ND	1.86	93.1	2.00	0.465	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.1	2.00	0.514	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.70	95.0	6.00	0.559	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 1 3-3.5' (H234473-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	1.95	97.7	2.00	0.871	
Toluene*	<0.050	0.050	08/19/2023	ND	1.86	93.1	2.00	0.465	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.1	2.00	0.514	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.70	95.0	6.00	0.559	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 1 4-4.5' (H234473-05)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	QR-03
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	QR-03
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	QM-07, QR-03
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	QM-07, QR-03
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 2 0-6" (H234473-06)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 2 1-1.5' (H234473-07)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 2 2-2.5' (H234473-08)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 3 0-6" (H234473-09)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 3 1-1.5' (H234473-10)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 3 2-2.5' (H234473-11)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	176	88.0	200	2.64	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	175	87.3	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 3 3-3.5' (H234473-12)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 3 4-4.5' (H234473-13)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 4 0-6" (H234473-14)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 4 1-1.5' (H234473-15)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 4 2-2.5' (H234473-16)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 4 3-3.5' (H234473-17)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: V - 4 4-4.5' (H234473-18)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 1 0-6" (H234473-19)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 2 0-6" (H234473-20)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 3 0-6" (H234473-21)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 4 0-6" (H234473-22)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 5 0-6" (H234473-23)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 6 0-6" (H234473-24)**

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	08/21/2023	ND	1.99	99.3	2.00	3.63	
Toluene*	<0.050	0.050	08/21/2023	ND	1.97	98.6	2.00	4.01	
Ethylbenzene*	<0.050	0.050	08/21/2023	ND	2.02	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/21/2023	ND	6.09	102	6.00	3.64	
Total BTEX	<0.300	0.300	08/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 7 0-6" (H234473-25)**

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	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 8 0-6" (H234473-26)**

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	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 9 0-6" (H234473-27)**

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	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/17/2023	Sampling Date:	08/17/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: H - 10 0-6" (H234473-28)**

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	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>VTG-E</b>		P.O. #: <b>100 612 0601</b>	
Project Manager: <b>Ethan Sessums</b>		Company: <b>Duron</b>	
Address: <b>202 W. McKay Street</b>		Attn: <b>Wesley Matthews</b>	
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Address:	
Phone #: <b>254-266-5428</b> Fax #:		City:	
Project #: <b>237626</b> Project Owner: <b>Berry</b>		State: Zip:	
Project Name: <b>North Pure Gold 10 J Federal #01D</b>		Phone #:	
Project Location: <b>Eddy Co, NM</b>		Fax #:	
Sampler Name: <b>Kenny Hawn</b>		MATRIX:	
FOR LAB USE ONLY		PRESERV:	
Lab I.D. <b>H234473</b>		SAMPLING:	
Sample I.D.		DATE	
V-1		8/17/23	
V-2		TIME	
V-3		11:03	
V-4		11:06	
V-5		11:09	
V-6		11:12	
V-7		11:15	
V-8		11:18	
V-9		11:21	
V-10		11:24	
V-11		11:27	
V-12		11:30	
(G)RAB OR (C)OMP.		ANALYSIS REQUEST	
# CONTAINERS		BTEX	
GROUNDWATER		TPH	
WASTEWATER		Chloride	
SOIL		_____	
OIL		_____	
SLUDGE		_____	
OTHER:		_____	
ACID/BASE:		_____	
ICE / COOL		_____	
OTHER:		_____	





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>ATGE</b>		<b>BILL TO</b>	
Project Manager: <b>Ethan Jessums</b>		P.O. #: <b>1005120601</b>	
Address: <b>209 W. McKay Street</b>		Company: <b>Bevon</b>	
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn: <b>Nesley Matthews</b>	
Phone #: <b>254-266-5456</b> Fax #:		Address:	
Project #: <b>237626</b> Project Owner: <b>Bevon</b>		City:	
Project Name: <b>North Rue Gold 10 J Federal #010</b>		State: Zip:	
Project Location: <b>Eddy Co, NM</b>		Phone #:	
Sampler Name: <b>Kenny Hsu</b>		Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	ANALYSIS REQUEST
<b>H234473</b>							
21	H-3	G	1	X SOIL		8/17/23 11:03	BTEX
22	H-4					8/17/23 11:06	TPH
23	H-5					8/17/23 11:09	Chloride
24	H-6					8/17/23 11:12	
25	H-7					8/17/23 11:15	
26	H-8					8/17/23 11:18	
27	H-9					8/17/23 11:21	
28	H-10					8/17/23 11:24	

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Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date: <b>8/17/23</b>	Date: <b>8/17/23</b>
Time: <b>1455</b>	Time: <b>1455</b>

Delivered By: (Circle One)  Observed Temp. °C **-2.1**  Corrected Temp. °C

Sampler - UPS - Bus - Other:  Cool Intact  Sample Condition  Checked By: *[Signature]* (Initials)

Turnaround Time:  Standard  Rush

Bacteria (only)  Cool Intact  Sample Condition  Observed Temp. °C  Corrected Temp. °C

Thermometer ID #140 Correction Factor 0°C

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

All Results are emailed. Please provide Email address: \_\_\_\_\_

REMARKS:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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September 05, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH PURE GOLD 10 J FEDERAL #010

Enclosed are the results of analyses for samples received by the laboratory on 08/29/23 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 2 3-3.5' (H234696-01)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	172	86.1	200	2.96	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	175	87.3	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 2 4-4.5' (H234696-02)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 5 0-6" (H234696-03)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 5 1-1.5' (H234696-04)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 5 2-2.5' (H234696-05)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 5 3-3.5' (H234696-06)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 5 4-4.5' (H234696-07)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 6 0-6" (H234696-08)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 6 1-1.5' (H234696-09)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 6 2-2.5' (H234696-10)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 6 3-3.5' (H234696-11)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: V - 6 4-4.5' (H234696-12)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 1 1-1.5' (H234696-13)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 1 2-2.5' (H234696-14)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 1 3-3.5' (H234696-15)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 1 4-4.5' (H234696-16)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 2 1-1.5' (H234696-17)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 2 2-2.5' (H234696-18)**

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	08/31/2023	ND	1.78	89.1	2.00	1.01	
Toluene*	<0.050	0.050	08/31/2023	ND	1.80	90.2	2.00	1.48	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.91	95.4	2.00	0.415	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.77	96.1	6.00	0.382	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 2 3-3.5' (H234696-19)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 2 4-4.5' (H234696-20)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22		
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23		
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72		
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52		
Total BTEX	<0.300	0.300	08/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877		
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723		
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 3 1-1.5' (H234696-21)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	179	89.6	200	0.877	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	189	94.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 3 2-2.5' (H234696-22)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 3 3-3.5' (H234696-23)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 3 4-4.5' (H234696-24)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 4 1-1.5' (H234696-25)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 4 2-2.5' (H234696-26)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 4 3-3.5' (H234696-27)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 4 4-4.5' (H234696-28)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 5 1-1.5' (H234696-29)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 5 2-2.5' (H234696-30)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22		
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23		
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72		
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52		
Total BTEX	<0.300	0.300	08/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32		
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329		
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND						

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 5 3-3.5' (H234696-31)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22		
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23		
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72		
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52		
Total BTEX	<0.300	0.300	08/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32		
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329		
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 5 4-4.5' (H234696-32)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 6 1-1.5' (H234696-33)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 6 2-2.5' (H234696-34)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 6 3-3.5' (H234696-35)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 6 4-4.5' (H234696-36)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 7 1-1.5' (H234696-37)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 7 2-2.5' (H234696-38)**

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	08/31/2023	ND	1.87	93.6	2.00	3.22	
Toluene*	<0.050	0.050	08/31/2023	ND	1.82	91.1	2.00	3.23	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	1.88	94.1	2.00	3.72	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	5.61	93.5	6.00	4.52	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 7 3-3.5' (H234696-39)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	QR-03
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	QR-03
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 7 4-4.5' (H234696-40)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717		
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87		
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42		
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04		
Total BTEX	<0.300	0.300	08/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/30/2023	ND	167	83.4	200	1.32		
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	171	85.5	200	0.329		
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 8 1-1.5' (H234696-41)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/31/2023	ND	167	83.4	200	1.32	
DRO >C10-C28*	<10.0	10.0	08/31/2023	ND	171	85.5	200	0.329	
EXT DRO >C28-C36	<10.0	10.0	08/31/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 8 2-2.5' (H234696-42)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/31/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/31/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/31/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 8 3-3.5' (H234696-43)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	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*	<10.0	10.0	08/31/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/31/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/31/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 8 4-4.5' (H234696-44)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 9 1-1.5' (H234696-45)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 9 2-2.5' (H234696-46)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 9 3-3.5' (H234696-47)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 9 4-4.5' (H234696-48)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 10 1-1.5' (H234696-49)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
<b>DRO &gt;C10-C28*</b>	<b>10.1</b>	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 10 2-2.5' (H234696-50)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 10 3-3.5' (H234696-51)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/29/2023	Sampling Date:	08/29/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	NORTH PURE GOLD 10 J FEDERAL #010	Sampling Condition:	Cool & Intact
Project Number:	237626	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: H - 10 4-4.5' (H234696-52)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2023	ND	1.86	93.0	2.00	0.717	
Toluene*	<0.050	0.050	08/31/2023	ND	2.19	110	2.00	1.87	
Ethylbenzene*	<0.050	0.050	08/31/2023	ND	2.24	112	2.00	1.42	
Total Xylenes*	<0.150	0.150	08/31/2023	ND	6.67	111	6.00	1.04	
Total BTEX	<0.300	0.300	08/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2023	ND	180	89.9	200	0.420	
DRO >C10-C28*	<10.0	10.0	08/30/2023	ND	214	107	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	08/30/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Notes and Definitions

- 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.
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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>VTGE</b> Project Manager: <b>Ethan Segums</b> Address: <b>809 W. McKay Street</b> City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b> Phone #: <b>504-266-5456</b> Fax #: _____ Project #: <b>237626</b> Project Owner: <b>Bevon</b> Project Name: <b>North Pine field 165 Federal #010</b> Project Location: <b>See 6, µM</b> Sampler Name: <b>Kenny Han, Emily Nivanov</b>		<b>BILL TO</b> P.O. #: <b>1005120601</b> Company: <b>Bevon</b> Attn: <b>Wesley Matthews</b> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D.: <b>H234696</b> Sample I.D.: _____		<b>ANALYSIS REQUEST</b>	
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Probe #: All Results are emailed. Please provide Email address: _____	
Relinquished By: <b>W. Miller</b> Date: <b>8/29/23</b> Time: _____ Received By: _____ Date: <b>8/29/23</b> Time: _____		REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: <b>24</b> Corrected Temp. °C: _____		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) <b>W.D.</b> Thermometer ID #140 Correction Factor 0°C: _____ Sample Condition <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____	
Matrix: <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: <b>8/29/23</b> TIME: <b>11:30</b> ANALYSIS: <b>BTEX</b> <b>TPH</b> <b>Chloride</b>	
Matrix: <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		DATE: _____ TIME: _____ ANALYSIS: _____	
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Matrix: <input type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input type="checkbox"/> ACID			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>VTGE</b> Project Manager: <b>Ethan Sessoms</b>		P.O. #: <b>1005120601</b>		<b>BILL TO</b>	
Address: <b>209 W. Mickey Street - Carlsbad</b>		State: <b>NM</b> Zip: <b>88220</b>		Company: <b>Devon</b>	
Phone #: <b>854-266-5456</b> Fax #: <b>837626</b>		Project Owner: <b>Devon</b>		Attn: <b>Mickey Matthews</b>	
Project Name: <b>North Pine Gold 16 J Federal #10</b>		City: _____ State: _____ Zip: _____		Address: _____	
Project Location: <b>Lea Co, NM</b>		Phone #: _____ Fax #: _____		Other: _____	
Sampler Name: <b>Kenny Han, Emily Wilkerson</b>		Matrix: _____		Preservation: _____	
FOR LAB USE ONLY		SAMPLE ID		SAMPLING	
Lab I.D. <b>H234696</b>		Sample I.D.		DATE	
11 <b>U-6</b>		3-3.5'		8/24/23	
12 <b>H-1</b>		4-4.5'		11:50	
13 <b>H-1</b>		1-1.5'		11:52	
14 <b>H-2</b>		2-2.5'		11:54	
15 <b>H-2</b>		3-3.5'		11:56	
16 <b>H-2</b>		4-4.5'		12:00	
17 <b>H-2</b>		1-1.5'		12:02	
18 <b>H-2</b>		2-2.5'		12:04	
19 <b>H-2</b>		3-3.5'		12:06	
20 <b>H-2</b>		4-4.5'		12:08	

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: **8/24/23** Time: **1445**

Received By: *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_

Turnaround Time:  Standard  Rush

Thermometer ID #40 Correction Factor 0°C

Verbal Result:  Yes  No  Add'l Probe #:

All Results are emailed. Please provide Email address: \_\_\_\_\_

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

Delivered By: (Circle One)  UPS  Bus  Other

Observed Temp. °C: **24** Corrected Temp. °C: \_\_\_\_\_

Sample Condition:  Cool  Intact  Yes  No

Checked By: *[Signature]*

FOR CARDINAL USE ONLY:  Bacteria (only)  Sample Condition  Cool  Intact  Yes  No

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>HTGE</b> Project Manager: <b>Ethan Sessums</b>		P.O. #: <b>1005120601</b>		<b>BILL TO</b>	
Address: <b>209 W. McKay Street</b> City: <b>Carlsbad</b> State: <b>NM</b> zip: <b>88220</b>		Company: <b>Devon</b> Attn: <b>Wesley Matthews</b>		<b>ANALYSIS REQUEST</b>	
Phone #: <b>854-266-5456</b> Fax #: _____ Project #: <b>237626</b> Project Owner: <b>Devon</b>		Address: _____ City: _____ State: _____ Zip: _____			
Project Name: <b>North Pine field 165 Federal #010</b>		State: _____ Zip: _____			
Project Location: <b>Lee Co, NM</b>		Phone #: _____ Fax #: _____			
Sampler Name: <b>Lenny Hen, Emily Nikanov</b>					
FOR LAB USE ONLY					
Lab I.D. <b>H234194</b>		Sample I.D.			
H-3 21 22 23 24 25 26 27 28 29 30		H-3 H-4 H-4 H-4 H-4 H-4 H-4 H-4 H-4 H-4 H-5 H-5		1-1.5' 2-2.5' 3-3.5' 4-4.5' 1-1.5' 2-2.5' 3-3.5' 4-4.5' 1-1.5' 2-2.5'	
		(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		MATRIX			
		PRESERV			
		SAMPLING			
		Time DATE 8/24/23			
		Time DATE 8/24/23			
		BTEX			
		TPH			
		Chloride			

**PLEASE NOTE:** Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or for, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: **8/24/23** Time: **1445**  
 Received By: *[Signature]* Date: **8/24/23** Time: **1445**

Relinquished By: *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_  
 Observed Temp. °C: **2.4** Corrected Temp. °C: \_\_\_\_\_  
 Sample Condition:  Intact  Cool  Yes  No  Yes  No  
 CHECKED BY: (Initials) **AG**  
 Turnaround Time: \_\_\_\_\_ Standard Rush  Add'l P: \_\_\_\_\_  
 Thermometer ID #140 \_\_\_\_\_ Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  Yes  No  
 Correction Factor °C: \_\_\_\_\_ Observed Temp. °C: \_\_\_\_\_ Corrected Temp. °C: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com





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 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>HTGE</b> Project Manager: <b>Ethan Sessums</b> Address: <b>809 W. McKay Street</b> City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b> Phone #: <b>854-266-5456</b> Fax #: _____ Project #: <b>837626</b> Project Owner: <b>Devon</b> Project Name: <b>North Pine Gold to Federal #010</b> Project Location: <b>Lea Co, NM</b> Sampler Name: <b>Lenny Han, Penny Nikanov</b> FOR LAB USE ONLY		<b>BILL TO</b> P.O. #: <b>1005120601</b> Company: <b>Devon</b> Attn: <b>Wesley Matthews</b> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <b>H234196</b> Sample I.D.		MATRIX (G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
PREPARED BY: _____ DATE: _____ TIME: _____		SAMPLING DATE: <b>8/24/23</b> TIME: <b>12:50</b>	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		ANALYSIS REQUEST BTEX TPH Chloride	
Relinquished By: <b>WLS</b> Date: <b>8/24/23</b> Time: <b>1445</b> Received By: _____ Date: _____ Time: _____		Vertical Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l P. No. #: All Results are emailed. Please provide Email address: _____ REMARKS: _____	
Delivered By: (Circle One) UPS - Bus - Other: _____ Observed Temp. °C: <b>8.4</b> Corrected Temp. °C: _____ Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) <b>JS</b>		Turnaround Time: _____ Standard _____ Rush _____ Add'l P. No. #: Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>HTGE</b> Project Manager: <b>Ethan Sessums</b> Address: <b>809 W. Uteley Street</b> City: <b>Carlsbad</b> State: <b>NM</b> zip: <b>88220</b> Phone #: <b>854-266-5456</b> Fax #: _____ Project #: <b>837626</b> Project Owner: <b>Buron</b> Project Name: <b>North Pure Gold to Federal #610</b> Project Location: <b>Lee Co, NM</b> Sampler Name: <b>Leany Han, Emily Nikanov</b> FOR LAB USE ONLY		<b>BILL TO</b> P.O. #: <b>1005120601</b> Company: <b>Devon</b> Attn: <b>Uteley Matthews</b> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <b>H2341896</b> Sample I.D. <b>51</b> <b>52</b> H-10 3-3.5' H-10 4-4.5'		(G)RAB OR (C)OMP. <b>6 1</b> # CONTAINERS <b>6 1</b> GROUNDWATER _____ WASTEWATER _____ SOIL <b>X</b> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ DATE <b>8/24/23</b> TIME <b>1:10</b> <b>8:30a</b> <b>142</b>	
Matrix: _____ PRESERV: _____ SAMPLING: _____		ANALYSIS REQUEST <b>BTEX</b> <b>TPH</b> <b>Chloride</b>	

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Relinquished By: \_\_\_\_\_ Date: **8/24/23** Received By: \_\_\_\_\_  
 Date: **8/24/23** Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C **24** Sample Condition Cool  Intact   
 Sampler - UPS - Bus - Other: Corrected Temp. °C \_\_\_\_\_

Turnaround Time: \_\_\_\_\_ Standard \_\_\_\_\_ Rush \_\_\_\_\_  
 Thermometer ID #140 \_\_\_\_\_ Bacteria (only) Sample Condition Cool  Intact   
 Correction Factor 0°C \_\_\_\_\_ Yes  No  Observed Temp. °C \_\_\_\_\_  
 Yes  No  Corrected Temp. °C \_\_\_\_\_

Verbal Result:  Yes  No  Add'l P'note #:  
 All Results are emailed. Please provide Email address:  
 REMARKS:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 272319

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 272319
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	None	10/17/2023