Incident Numbers: nJMW1321055692,
nAB1621055488

Release Assessment and Closure

North Pure Gold 9 Federal #001

Section 09, Township 23 South, Range 31 East

API: 30-015-27178

County: Eddy

Vertex File Number: 25A-01165

Prepared for:
Devon Energy Production Company, LP

Prepared by:
Vertex Resource Services Inc.

Date:
April 2026

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Release Assessment and Closure
North Pure Gold 9 Federal #001
Section 09, Township 23 South, Range 31 East
API: 30-015-27178
County: Eddy

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April 7, 2026
Date

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April 7, 2026
Date

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1.0 Introduction

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for two produced water and crude oil releases from 2013 and 2016 that occurred at North Pure Gold 9 Federal #001 API 30-015-27178 (hereafter referred to as the "site"). Devon submitted initial C-141 Release Notifications on July 26, 2013, and July 25, 2016 (Appendix A) to New Mexico Oil Conservation Division (NMOCD) District 2. Incident ID number nJMW1321055692 was assigned to the July 25, 2013, incident, and nAB1621055488 was assigned to the July 24, 2016, incident.

This report provides a description of the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for closure of the releases, with the understanding that restoration of the release site will be completed following remediation activities as per NMAC 19.15.29.13.

1.1 Prior Rejection

On February 12, 2026, the application 553500 was submitted to OCD for review. The report was rejected on February 27, 2026 with the following comments.

> *"The reclamation report is denied. The report says, "At time of facility decommissioning and deconstruction, the remediation depth of the remaining impact area is estimated to be 2 feet bgs to meet NMOCD requirements for reclamation. The remaining impact area includes BS25-06 and BS25-07 at 0.5 feet bgs and covers approximately 378 square feet. The estimated volume of soil remaining to be removed to meet reclamation standards is 30 cubic yards." For a reclamation report to be approved, the entire release must meet reclamation standards set forth in the OCD Spill Rule. If you are trying to get remediation closure approval only, don't answer "Yes" on the "Questions" section for "Reclamation Report." Additionally, please make sure all sample points are included on the sitemap. The OCD Spill Rule states, "The reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater." The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical. The work will need to be completed in 90 days after the report has been reviewed."*

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The figures have been reviewed to confirm all samples listed on the table are present on at least one of the figures. The report is being resubmitted to OCD as with "No" checked on the "Questions" section for "Reclamation Report". This report is seeking only a closure for incidents nJMW1321055692 and nAB1621055488.

2.0 Incident Description

NMOCD Incident nJMW1321055692 (2RP-1771) occurred on July 25, 2013, when the lease operator failed to open a valve on the header, causing high pressure and rupture when the North Pure Gold 8 Federal 6 was put back in production. The incident was reported on July 26, 2013, and involved the release of 5 barrels (bbl) of crude oil and 10 bbl of produced water into the pasture southwest of the production pad. Approximately 4 bbl of crude oil and 9 bbl of produced water were recovered during the initial clean-up.

The second release (nAB1621055488, 2RP-3805) occurred on July 24, 2016, due to a hole that had developed at the joint of a flowline. 2 bbl of crude oil and 3 bbl of produced water were released into the pasture, and no fluid was recovered. Immediate notice was given to the NMOCD and the Bureau of Land Management on July 24, 2016. Additional details relevant to both releases are presented in the C-141 Reports (Appendix A).

3.0 Site Characteristics

The site is located approximately 18 miles east of Loving, New Mexico. The legal location for the site is Section 09, Township 23 South and Range 31 East in Eddy County, New Mexico. The release area is located on Bureau of Land Management property. An aerial photograph and site schematic are presented on Figure 1. The location is typical of oil and gas exploration and production sites in the Permian Basin and is currently used for oil and gas production and storage. The following sections specifically describe the release area southwest of the constructed pad (Figure 1).

The surrounding landscape is associated with terraces, piedmonts, dune fields, and upland plains with elevations ranging between 2,842 and 4,500 feet. The climate is semiarid with average annual precipitation ranging between 8 and 13 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be Deep Sand. Dropseeds, threeawns, and bluegrasses dominate the historical plant community with shinnery oak and soapweed yucca (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Limited to no vegetation is allowed to grow on the compacted production pad and access road.
The Geological Map of New Mexico indicates the site's surface geology primarily comprises Qep - Eolian and piedmont deposits. Predominant soil texture on the site is fine sand (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Additional soil characteristics include a drainage class of very high with negligible runoff. The karst geology potential for the site is low (United States Department of the Interior, Bureau of Land Management, 2018).

4.0 Closure Criteria Determination

The most comprehensive depth to groundwater reference to the site is an exploratory borehole advanced 0.27 miles to the west on December 13, 2023. The borehole was terminated at 105 feet below ground surface (bgs) without encountering the water surface (New Mexico Office of the State Engineer, 2025). Information pertaining to the depth to ground water determination is included in Appendix B.

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The nearest active well to the site is a United States Department of Energy monitoring well located approximately 1.29 miles north of the site (New Mexico Office of the State Engineer, 2025). There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 1.13 miles north of the site (United States Fish and Wildlife Service, 2025). At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Further information supporting closure criteria determination is included in Appendix B and below in Table 1.C of 19.15.29.12 NMAC. Further information supporting closure criteria determination is included in Appendix B and below in Table 1.

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Table 1. Closure Criteria Determination			
Site Name: North Pure Gold 9 Federal #001			
Spill Coordinates: 32.3122812,-103.7852627		**X: 614352**	**Y: 3575699**
Site Specific Conditions		**Value**	**Unit**
1	Depth to Groundwater (nearest reference)	**>55**	feet
	Distance between release and nearest DTGW reference	**81**	feet
		0.02	miles
	Date of nearest DTGW reference measurement	**March 9, 2023**	
1	Depth to Groundwater (next nearest reference)	**>105**	feet
	Distance between release and nearest DTGW reference	**1,429**	feet
		0.27	miles
	Date of nearest DTGW reference measurement	**December 13, 2023**	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	5,965	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	5,916	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	9,145	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, **or**	7,199	feet
	ii) Within 1000 feet of any fresh water well or spring	6,821	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	5,881	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	34,074	feet
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
	Distance between release and nearest High Karst	13,768	feet
10	Within a 100-year Floodplain	>500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	39,500	feet
11	Soil Type	Fine sand	
12	Ecological Classification	Deep sand	
13	Geology	Eolian and piedmont deposits	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	>100'	<50' 51-100' >100'

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The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 2.

Table 2. Closure Criteria for Soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
> 100 feet	Chloride	20,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids
TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics
BTEX – benzene, toluene, ethylbenzene and xylenes

5.0 Remedial Actions Taken

5.1 Initial Characterization, Excavation, and Confirmation Sampling

An initial site inspection of the release area was completed on May 10, 2019, which identified the area of the release specified in the initial C-141 Report and sampled the release area in the pasture southwest of the production equipment. Initial characterization of the impacted area was executed by Vertex between May 12, 2019, and August 20, 2021, including vertical and horizontal delineation of the stained area and a background borehole. Laboratory results for samples collected from the interior of the release were below NMOCD strictest criteria for TPH and chloride. The staining observed in the field was used to map the release area in the absence of laboratory results exceeding closure criteria. The historical release area was originally determined to be approximately 1,384 square feet. Initial characterization sample locations and release area are presented on Figure 1 and laboratory results are summarized in Table 3. Daily field reports (DFRs) documenting characterization are included in Appendix C. Characterization and remediation of multiple incidents were executed at the same site at the same time. The DFRs and laboratory reports also contain information specific to other incidents that may be considered extraneous to this incident.

On April 9, 2020, Vertex personnel supervised excavation of the release area west of the production equipment and southwest into the pasture to 1 foot bgs. The historical excavation area is presented on Figure 2. Field screening results were used to identify areas requiring further remediation and consisted of analysis using a Photo Ionization Detector (volatile hydrocarbons), Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons), and Quantabs (chlorides). Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. The DFRs documenting various phases of the remediation are presented in Appendix C.

Notification that confirmation samples were being collected was provided to the NMOCD on April 6, 2020, and is included in Appendix E. On April 9, 2020, confirmation 5-point composite samples were collected from the base and walls of the excavation in increments no greater than 200 square feet. The areas of the excavation base and wall were

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approximately 1,835 and 257 square feet, respectively. Laboratory results for all confirmation samples collected are presented in Table 4, and the laboratory data reports are included in Appendix D. It was determined that that an insufficient number of confirmation samples were collected from the base of the excavation during the first confirmation sampling event given the square footage of 1,835 square feet.

Notifications that additional confirmation samples were being collected were provided to the NMOCD on April 29 and 30, 2025, and are included in Appendix E. Supplemental confirmation samples were staged and collected on May 1 and 2, 2025. The additional 5-point composite confirmation base samples were collected from the bioremediation treatment and historical impact areas by advancing five boreholes to 1 foot bgs, collecting discrete samples from the base of each borehole, and creating a composite from each set of five samples. Composite borehole samples and corresponding sets of five discrete samples were collected over intervals of 200 square feet and were placed to cover the areas not included by the first confirmation sampling event. This method was used to collect five additional confirmation base samples. Samples were submitted to the Eurofins Environment Testing in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Confirmation sample locations are shown on Figure 2. Laboratory results for all borehole-derived confirmation samples collected are presented in Table 4, and the laboratory data reports are included in Appendix D.

Laboratory results for retroactive confirmation base samples BS25-19 and BS25-20 were below NMOCD strictest criteria, which verifies that the southwest end of the historical excavation to 1 foot bgs remains within NMOCD reclamation criteria. The laboratory results for base samples BS25-21, BS25-22, BS25-23, and BS25-24 were in exceedance of closure thresholds for TPH at their respective locations and indicated the areas had been impacted from an unknown source between the 2020 and 2025 sampling events.

5.2 Site Reassessment and Remedial Actions

Vertex performed additional characterization between August 28 and 31, 2025, including horizontal and vertical delineation to update the boundaries of the areas in exceedance. The impacted area was determined to be approximately 1,461 square feet. The Daily Field Reports associated with the site visits are included in Appendix B. Characterization sample locations and impacted area are presented on Figure 3. Characterization field screening and laboratory results are summarized in Table 5.

Additional excavation was completed at the site between January 7 and 12, 2026. Vertex personnel supervised the excavation of impacted soils to closure criteria. Field screening consisted of analysis using a Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and an electroconductivity meter (chloride). Field screening results were used to identify areas requiring further remediation. Soils were removed to depths between 0.5 and 4.1 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Daily Field Reports documenting the results of the remediation are presented in Appendix B.

Notifications that confirmation samples were being collected were provided to the NMOCD and are included in Appendix E. Confirmation 5-point composite samples were collected from the base and walls of the excavation in increments no greater than 200 square feet. The areas of the excavation bases and walls were approximately 2,655 and

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827 square feet, respectively. The southwest end of the historical excavation area was not within the area of impact characterized during site reassessment. An additional retroactive confirmation sample was collected from the 547 square feet of remaining historical excavation area to verify and meet representative area requirements. A total of 16 excavation base samples and 12 excavation wall samples were collected for laboratory analysis following NMOCD soil sampling procedures. Composite samples of the backfill were collected on January 28, 2026. Samples were submitted to Eurofins Environment Testing in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 6, and the laboratory data reports are included in Appendix D. Confirmation sample locations are presented on Figure 4. Laboratory results for all final confirmation samples collected and analyzed within the facility pad were below closure criteria for the site. Laboratory results for all confirmation samples collected in the pasture were below reclamation criteria.

Upon completion of remedial actions, approximately 3,202 square feet and 172 cubic yards of the pad and pasture were remediated to closure criteria. All confirmation samples collected from the remediation area were below closure criteria. At time of facility decommissioning and deconstruction, the remediation depth of the remaining impact area is estimated to be 2 feet bgs to meet NMOCD requirements for reclamation. The remaining impact area includes BS25-06 and BS25-07 at 0.5 feet bgs and covers approximately 378 square feet. The estimated volume of soil remaining to be removed to meet reclamation standards is 30 cubic yards. The remediation areas and corresponding confirmation sampling locations are shown on Figure 4.

6.0 Closure Request

Vertex recommends no additional remediation action to address the release at North Pure Gold 9 Federal #001. Laboratory analyses of the confirmation samples showed constituent of concern concentration levels below NMOCD closure criteria for areas where depth to groundwater is greater than 100 feet bgs as shown in Table 2. There are no anticipated risks to human, ecological or hydrological receptors associated with the release site. The excavation was backfilled with non-waste-containing, uncontaminated, earthen material, sourced locally, and placed to meet the site's existing grade to prevent ponding of water and erosion.

Devon Energy Production Company, LP, requests that incidents nJMW1321055692 and nAB1621055488 be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Devon certifies that all information in this report and the attachments is correct, and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain closure on the July 25, 2013, and July 24, 2016, releases at North Pure Gold 9 Federal #001.

Should you have any questions or concerns, please do not hesitate to contact the Project Manager Kent Stallings at 346.814.1413 or kstallings@vertexresource.com

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7.0 References

Google Inc. (2025). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from https://earth.google.com

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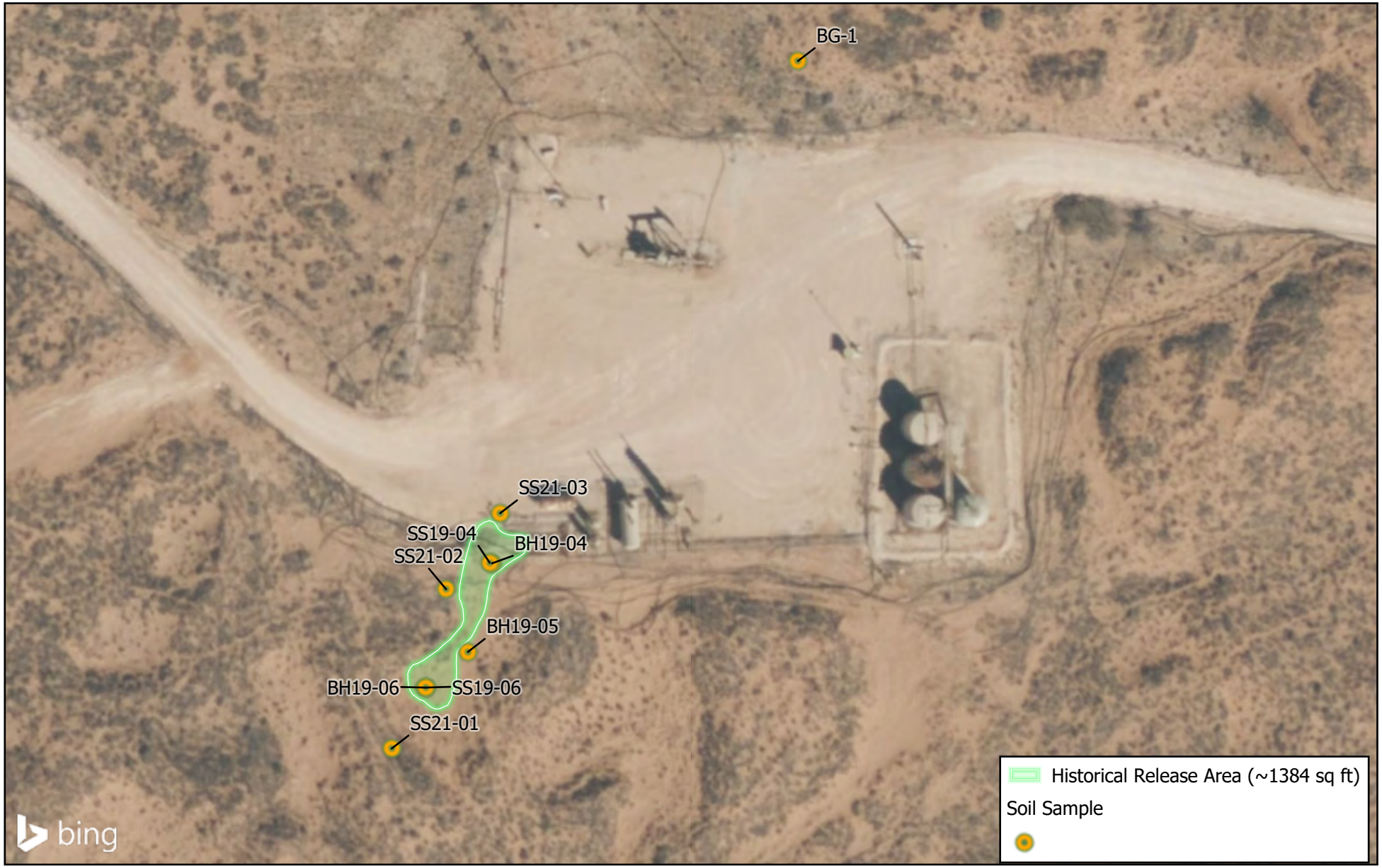
8.0 Limitations

This report has been prepared for the sole benefit of Devon Energy Production Company, LP. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and the Bureau of Land Management, without the express written consent of Vertex Resource Services Inc. (Vertex) Devon Energy Production Company, LP. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

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FIGURES



VERTEX

0 40 80 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.312407°N, 103.784958°W

Date: Apr 30/25

N

Initial Characterization Sample Site Schematic
Incident ID # nJMW1321055692; nAB1621055488
North Pure Gold 9 Federal #001

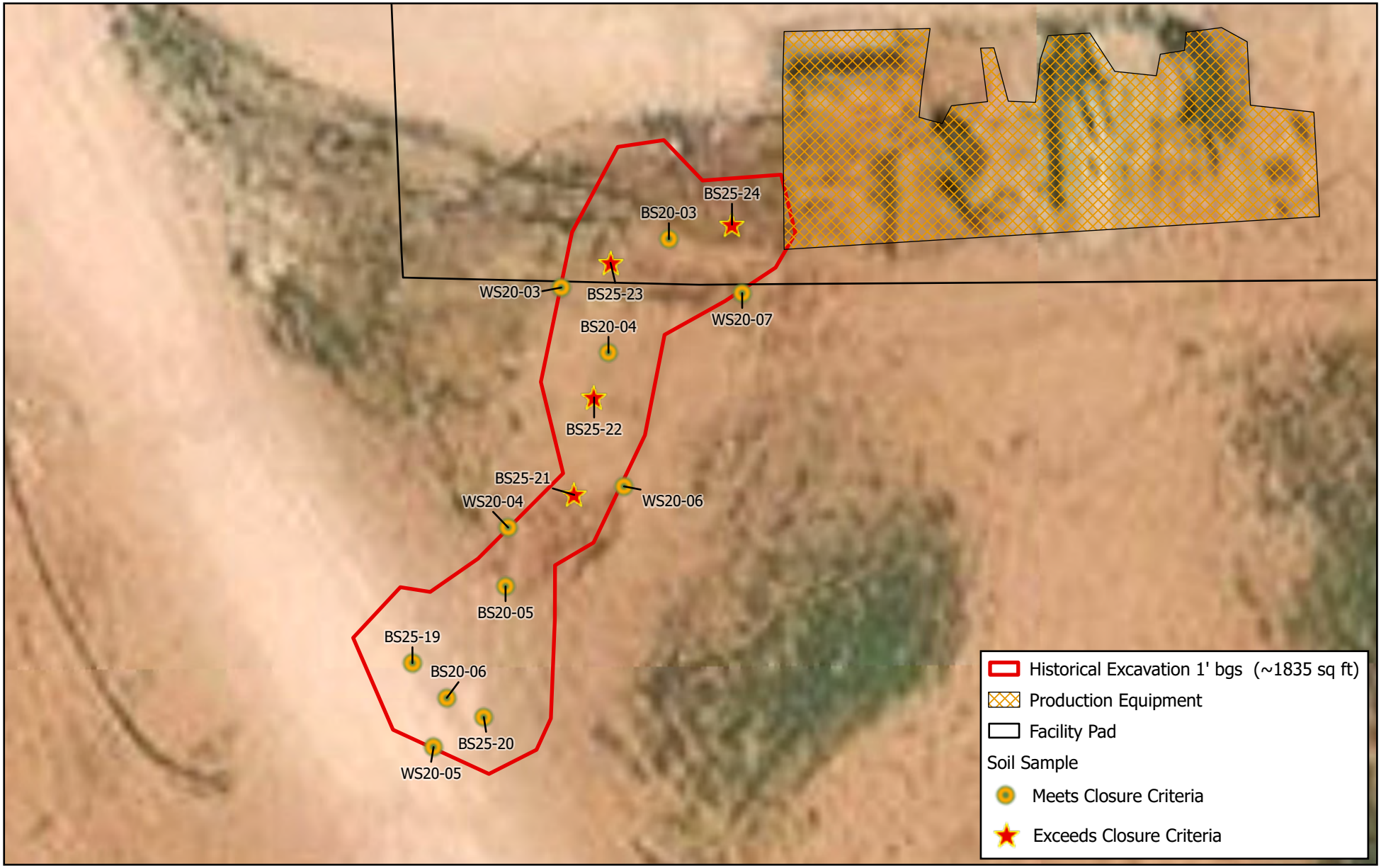
FIGURE: 1

devon

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.312178°N, 103.785251°W

Date: Jan 17/26

N

Initial Excavation Sample Locations
North Pure Gold 9 Federal #001

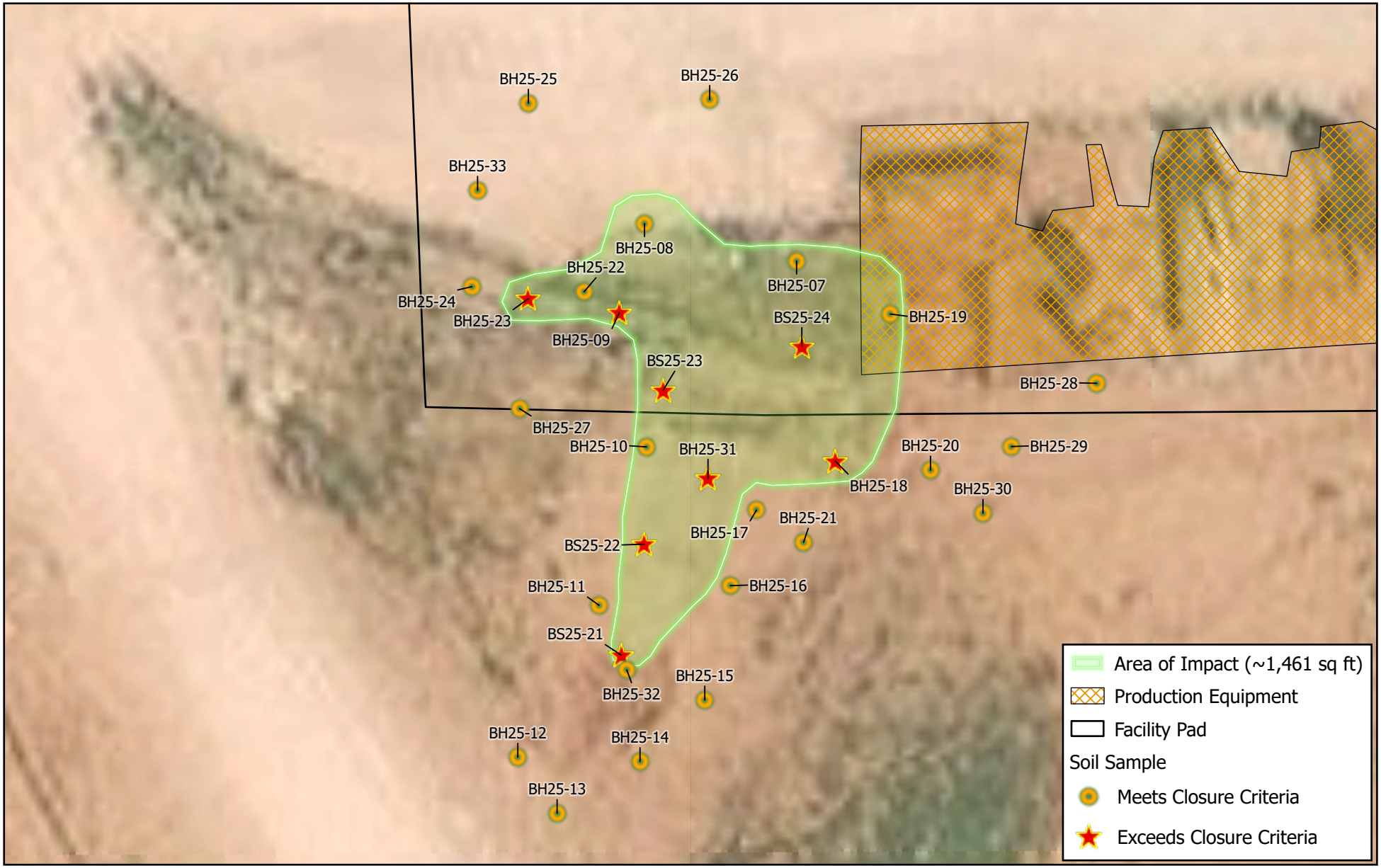
FIGURE:
2

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



VERTEX

0 10 20 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.312232°N, 103.785278°W

Date: Jan 17/26

N

Additional Characterization Sampling Site Schematic
North Pure Gold 9 Federal #001

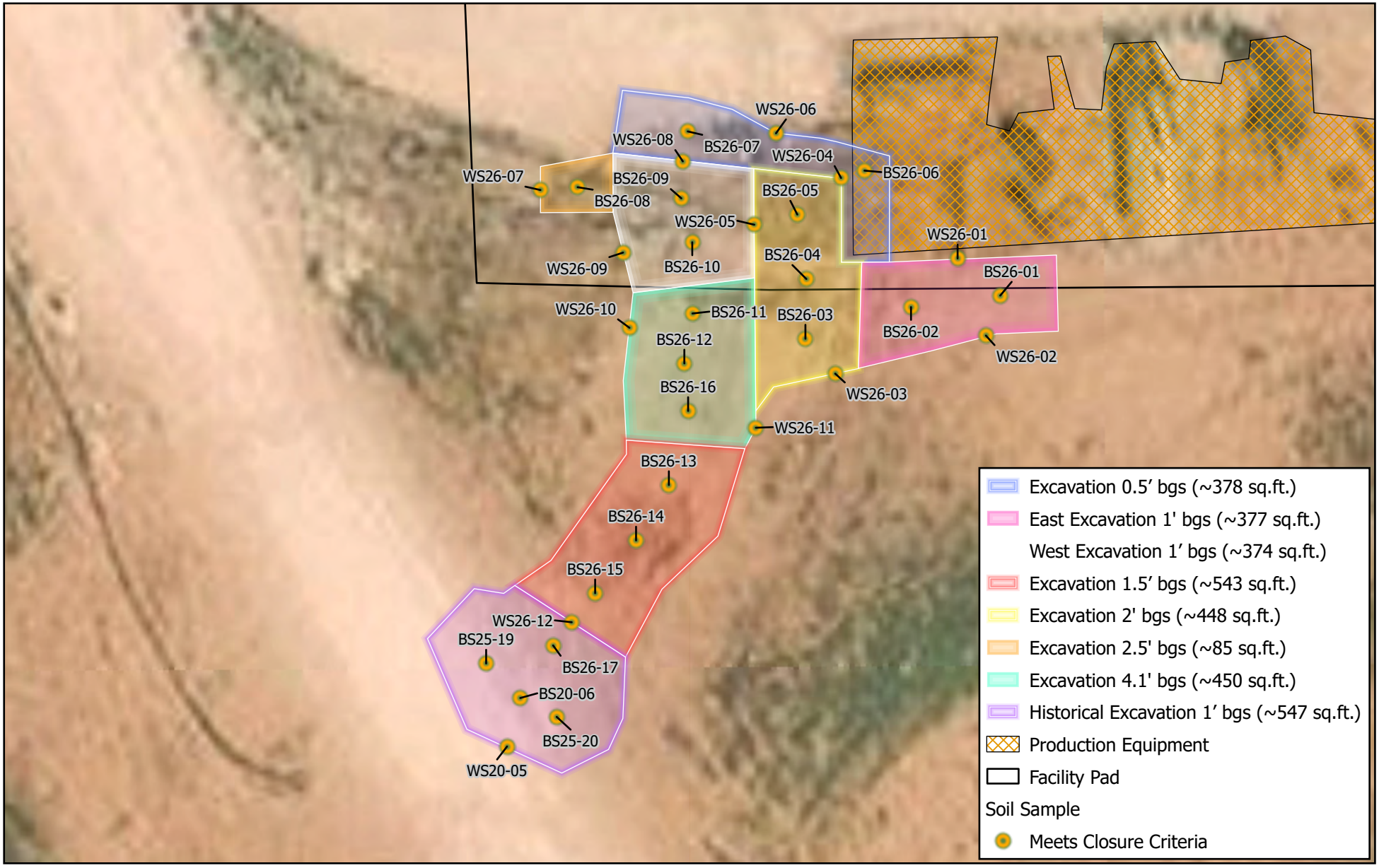
FIGURE:
3

devon

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



VERTEX

0 15 30 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.31218°N, 103.785286°W

Date: Jan 17/26

N

Additional Excavation Sample Locations
North Pure Gold 9 Federal #001

FIGURE: 4

devon

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.

TABLES

Client Name: Devon Energy Production Company, LP
Site Name: North Pure Gold 9 Federal #001
NMOCD Tracking #: nJMW1321055692, nAB1621055488
Project #: 25A-01165
Lab Reports: P905047, 1907D74, 2108C51, 2108C52

Table 3. Initial Characterization Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater >100 feet bgs							
SS19-04	0	July 24, 2019	ND	ND	ND	ND	ND	ND	ND	ND
BH19-04	2	May 12, 2019	ND	ND	ND	ND	66	ND	66	ND
BH19-05	0	May 12, 2019	ND	ND	ND	ND	ND	ND	ND	ND
SS19-06	0	July 24, 2019	ND	ND	ND	ND	ND	ND	ND	ND
BH19-06	2	May 12, 2019	ND	ND	ND	ND	ND	ND	ND	79
SS21-01	0	August 20, 2021	ND	ND	ND	ND	ND	ND	ND	ND
SS21-02	0	August 20, 2021	ND	ND	ND	ND	ND	ND	ND	ND
SS21-03	0	August 20, 2021	ND	ND	ND	ND	ND	ND	ND	ND
SS21-04	0	August 20, 2021	ND	ND	ND	ND	ND	ND	ND	ND
BG-1	0	July 24, 2019	ND	ND	ND	ND	ND	ND	ND	ND
	2	July 24, 2019	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Closure Criteria

Client Name: Devon Energy Production Company, LP
Site Name: North Pure Gold 9 Federal #001
NMOCD Tracking #: nJMW1321055692, nAB1621055488
Project #: 25A-01165
Lab Reports: 2004605 and 885-24275

Table 4. Initial Excavation Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater >100 feet bgs							
BS20-03	1	April 9, 2020	ND	ND	ND	ND	ND	ND	ND	ND
BS20-04	1	April 9, 2020	ND	ND	ND	ND	ND	ND	ND	ND
BS20-05	1	April 9, 2020	ND	ND	ND	20	ND	20	20	ND
BS20-06	1	April 9, 2020	ND	ND	ND	10	ND	10	10	ND
BS25-19	1	May 1, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-20	1	May 1, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-21	1	May 1, 2025	ND	ND	ND	1,900	1,100	**1,900**	**3,000**	75
BS25-22	1	May 1, 2025	ND	ND	ND	130	230	**130**	**360**	ND
BS25-23	1	May 1, 2025	ND	ND	ND	250	230	**250**	**480**	570
BS25-24	1	May 1, 2025	ND	ND	ND	2,000	2,400	**2,000**	**4,400**	13,000
WS20-03	0-1	April 9, 2020	ND	ND	ND	ND	ND	ND	ND	ND
WS20-04	0-1	April 9, 2020	ND	ND	ND	13	ND	13	13	ND
WS20-05	0-1	April 9, 2020	ND	ND	ND	17	ND	17	17	ND
WS20-06	0-1	April 9, 2020	ND	ND	ND	39	ND	39	39	ND
WS20-07	0-1	April 9, 2020	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Closure Criteria

Client Name: Devon Energy Production Company, LP
Site Name: North Pure Gold 9 Federal #001
NMOCD Tracking #: nJMW1321055692, nAB1621055488
Project #: 25A-01165
Lab Reports: 885-32504-1, 885-32508-1, 885-32491-1 and 885-32501-1

Table 5. Additional Characterization Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
			Depth to Groundwater >100 feet bgs							
BH25-07	0	August 28, 2025	ND	ND	ND	61	210	61	271	250
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	370
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	340
BH25-08	0	August 28, 2025	ND	ND	ND	240	640	240	880	3,500
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	2,500
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	790
	3	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	480
	4	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	760
BH25-09	0	August 28, 2025	ND	ND	ND	3,200	5,600	**3,200**	**8,800**	57
	1	August 28, 2025	ND	ND	ND	11	ND	11	11	3,200
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	790
	3	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	110
BH25-10	0	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-11	0	August 28, 2025	ND	ND	ND	13	ND	13	13	ND
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	65
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-12	0	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-13	0	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	88
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	79
	3	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-14	0	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	52
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-15	0	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-16	0	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-17	0	August 28, 2025	ND	ND	ND	13	ND	13	13	ND
	1	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-18	0	August 28, 2025	ND	ND	ND	15	ND	15	15	ND
	1	August 28, 2025	ND	ND	ND	64	150	64	**214**	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	54

Client Name: Devon Energy Production Company, LP
Site Name: North Pure Gold 9 Federal #001
NMOCD Tracking #: nJMW1321055692, nAB1621055488
Project #: 25A-01165
Lab Reports: 885-32504-1, 885-32508-1, 885-32491-1 and 885-32501-1

Table 5. Additional Characterization Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater >100 feet bgs							
BH25-19	0	August 28, 2025	ND	ND	ND	200	590	200	790	78
	1	August 28, 2025	ND	ND	ND	17	ND	17	17	ND
	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	80
BH25-20	0	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	140
	1	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-21	0	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-22	0	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 29, 2025	ND	ND	ND	17	ND	17	17	79
	2	August 29, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-23	0	August 30, 2025	ND	ND	ND	1,400	2,400	**1,400**	**3,800**	ND
	1	August 30, 2025	ND	ND	ND	990	2,100	990	**3,090**	52
	2	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-24	0	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-25	0	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	280
	1	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	100
	2	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	83
BH25-26	0	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	190
	1	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	54
	2	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	69
BH25-27	0	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 30, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-28	0	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-29	0	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	78
	1	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	100
BH25-30	0	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	57
	1	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	110
	2	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND

Client Name: Devon Energy Production Company, LP
Site Name: North Pure Gold 9 Federal #001
NMOCD Tracking #: nJMW1321055692, nAB1621055488
Project #: 25A-01165
Lab Reports: 885-32504-1, 885-32508-1, 885-32491-1 and 885-32501-1

Table 5. Additional Characterization Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater >100 feet bgs							
BH25-31	0	August 31, 2025	ND	ND	9	7,500	4,500	**7,509**	**12,009**	130
	1	August 31, 2025	ND	ND	57	6,100	3,500	**6,157**	**9,657**	57
	2	August 31, 2025	0.052	0.74	87	4,700	2,800	**4,787**	**7,587**	ND
	3	August 31, 2025	ND	ND	ND	230	130	**230**	**360**	58
	4	August 31, 2025	ND	ND	ND	110	87	**110**	**197**	77
	5	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	50
	6	August 31, 2025	ND	ND	ND	10	ND	10	10	ND
	7	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	8	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-32	0	August 31, 2025	ND	ND	ND	23	ND	23	23	ND
	1	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	3	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	4	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	5	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	6	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	7	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
	8	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-33	0	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	96
	1	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	94
	2	August 31, 2025	ND	ND	ND	ND	ND	ND	ND	130

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Closure Criteria

Client Name: Devon Energy Production Company, LP
Site Name: North Pure Gold 9 Federal #001
NMOCD Tracking #: nJMW1321055692, nAB1621055488
Project #: 25A-01165
Lab Reports: 2004605 , 885-24275, 885-41190, 885-41481, and 885-42240

Table 6. Additional Excavation Confirmation Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
			Volatile		Extractable					
Sample ID	Depth (ft)	Sample Date	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Depth to Groundwater >100 feet bgs							
BS20-06	1	April 9, 2020	ND	ND	ND	10	ND	10	10	ND
BS25-19	1	May 1, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-20	1	May 1, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS26-01	1	January 10, 2026	ND	ND	ND	16	ND	16	16	57
BS26-02	1	January 10, 2026	ND	ND	ND	32	ND	32	32	120
BS26-03	2	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-04	2	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	130
BS26-05	2	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-06	0.5	January 10, 2026	ND	ND	ND	100	73	100	173	360
BS26-07	0.5	January 10, 2026	ND	ND	ND	300	130	300	430	1,300
BS26-08	2.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-09	1	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-10	1	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	69
BS26-11	4.1	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	160
BS26-12	4.1	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-13	1.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-14	1.5	January 14, 2026	ND	ND	ND	12	ND	12	12	ND
BS26-15	1.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-16	4.1	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	130
BS26-17	1	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS20-05	0-1	April 9, 2020	ND	ND	ND	17	ND	17	17	ND
WS26-01	0-1	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	69
WS26-02	0-1	January 10, 2026	ND	ND	ND	13	ND	13	13	61
WS26-03	0-2	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS26-04	0.5-2	January 10, 2026	ND	ND	ND	96	ND	96	96	210
WS26-05	1-2	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	96
WS26-06	0-0.5	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	240
WS26-07	0-2.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS26-08	0.5-1	January 14, 2026	ND	ND	ND	26	53	26	79	370
WS26-09	0-1	January 14, 2026	ND	ND	ND	19	ND	19	19	ND
WS26-10	0-4.1	January 10, 2026	ND	ND	ND	ND	ND	ND	ND	170
WS26-11	0-4.1	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
WS26-12	0-1.5	January 14, 2026	ND	ND	ND	ND	ND	ND	ND	ND
Backfill-01	-	January 28, 2026	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit
"-" indicates not analyzed/assessed
Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Closure Criteria

APPENDIX A - NMOCD C-141 Reports

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

RECEIVED
JUL 29 2013
NMOCD ARTESIA

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

nJMW1324055692

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company **Devon Energy** 6137	Contact **Daniel Suniga**
Address **PO Box 250 Artesia, NM 88211**	Telephone No. **575-390-5850**
Facility Name **North Pure Gold 9 Fed 1**	Facility Type **Oil**

Surface Owner	Mineral Owner	API No. **30-015-27178**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	**9**	**23S**	**31E**	**330**	**South**	**1980**	**West**	**Eddy**

Latitude: 32.31266 **Longitude:** -103.7841

NATURE OF RELEASE

Type of Release **Spill**	Volume of Release: **5bbls Oil/10bbls PW**	Volume Recovered: **4bbls Oil/9bbls PW**
Source of Release **Failure to open closed valve**	Date and Hour of Occurrence: **July 25, 2013 12:00pm**	Date and Hour of Discovery: **July 25, 2013 12:00pm**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Wesley Ryan-Assistant Foreman Jerry Mathews-Superintendent Scott Poe-EHS NMOCD**	
By Whom? **Jerrike Cathey**	Date and Hour: **July 25, 2013 12:22pm; 1:00pm July 26, 2013 12:00pm-NMOCD**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Lease Operator failed to open a valve on the header when the North Pure Gold 8-6 well was put back in production. The failure to open the additional closed valve led to the high pressure and rupture of the flow line. The operator shut the well and flow line in and contacted a vacuum truck to recover the 4bbls of oil and 9bbls of produced water on location. Additionally 1bbl of oil and 1bbl of produced water left the edge of location into the pasture. The 2bbls of fluid off location was not recoverable.

Describe Area Affected and Cleanup Action Taken.*
A 10x20 area was affected on the caliche location and a small area off the side of location. Lease Op contacted contractor to remove contaminated soil and replace it.

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

Signature: Veronica Teel

Printed Name: **Veronica Teel**

Title: **Field Admin Support**

E-mail Address: **Veronica.Teel@dvn.com**

Date: **July 26, 2013** Phone: **575-748-9933**

OIL CONSERVATION DIVISION

Approved by Environmental Specialist: Signed By Mike Bratcher

Approval Date: JUL 29 2013 Expiration Date:

Conditions of Approval:
Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: August 29, 2013

Attached ☐

2RP-1771

* Attach Additional Sheets If Necessary

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
JUL 25 2016
RECEIVED

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

nAB1621055488

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Company 6137	**Contact** Matt Nettles, Production Foreman
Address 6488 Seven Rivers Hwy Artesia, NM 88210	**Telephone No.** 575.513-5767
Facility Name North Pure Gold 9 Federal 1	**Facility Type** Oil Well

Surface Owner Federal	**Mineral Owner** Federal	**API No** 30-015-27178

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	9	23S	31E	330	FSL	1980	FWL	Eddy

Latitude: 32.3125916 **Longitude:** -103.7849503

NATURE OF RELEASE

Type of Release Produced Water (PW) & Oil	**Volume of Release** 3BBLS PW & 2BBLS Oil	**Volume Recovered** 0BBLS
Source of Release Hole in the flowline	**Date and Hour of Occurrence** 7/24/2016 @ 9:20AM	**Date and Hour of Discovery** 7/24/2016 @ 9:20AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?** OCD-Mike Bratcher BLM-Shelly Tucker	
By Whom? Leonard Aguilar, Assistant Production Foreman	**Date and Hour** OCD-7/24/2016 @ 10:03AM BLM-7/24/2016 @ 10:00AM	
Was a Watercourse Reached? ☐ Yes ☒ 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.*
3BBLS PW and 2BBLS Oil was released due to a hole in the flowline located directly where the poly flowline transitions into metal pipe. The well was shut in and the valve at the heater was isolated to prevent further release. Repairs have been made.

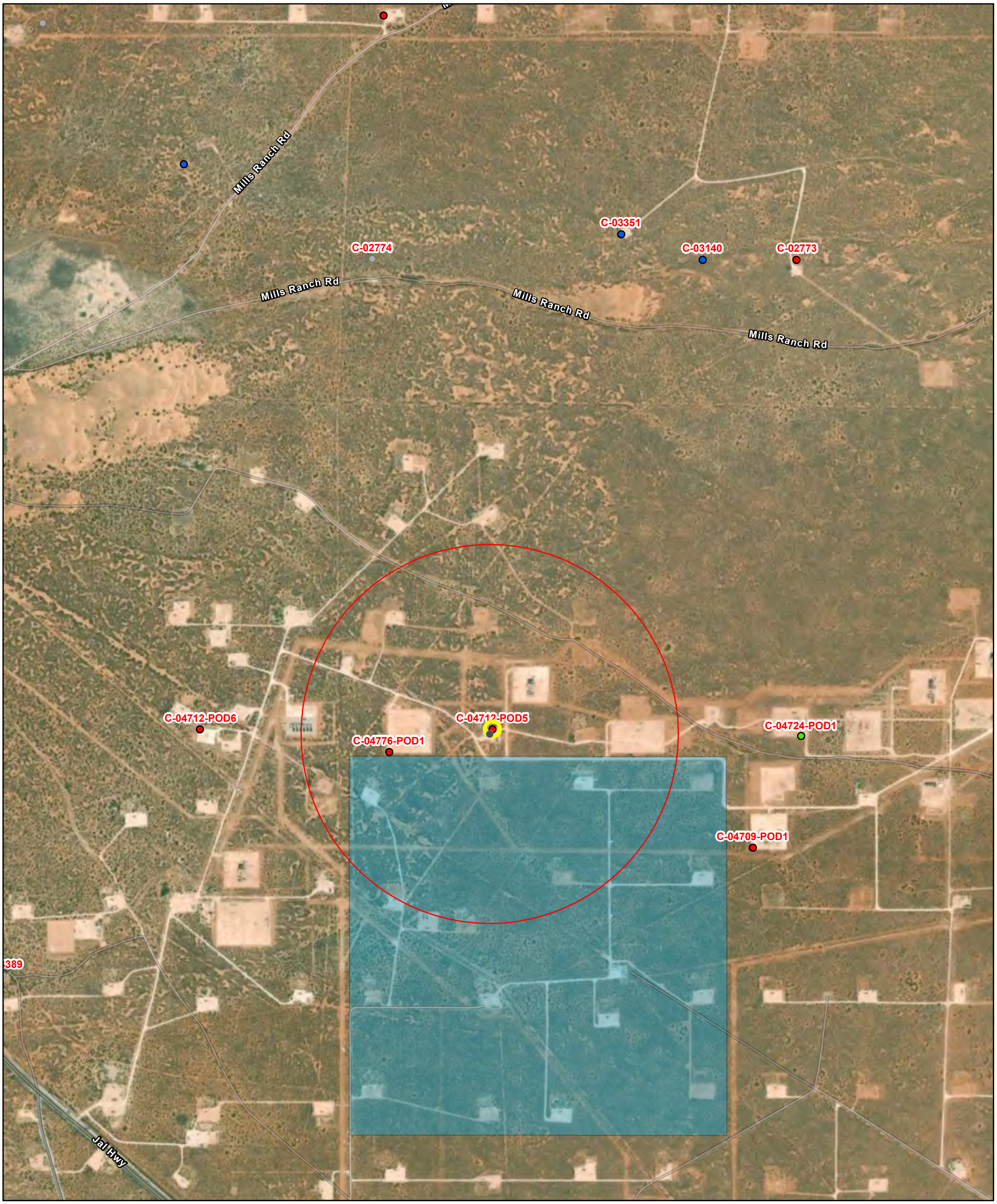
Describe Area Affected and Cleanup Action Taken.*
3BBLS PW and 2BBLS Oil were released with 0BBLS recovered. The release originated from the poly flowline near the header on location and flowed in a Southwestern direction leaving pad into pasture. The approximate size of the total are affected on pad was 15ft by 15ft. The total affected area off pad was 10ft by 65ft. An environmental agency will be contacted for remediation.

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

Signature: Dana DeLaRosa	OIL CONSERVATION DIVISION Signed By Mike Bratcher
Printed Name: Dana DeLaRosa	Approved by Environmental Specialist:
Title: **Field Admin Support**	Approval Date: 7/26/16 Expiration Date: N/A
E-mail Address: **dana.delarosa@dvn.com**	Conditions of Approval: **Remediation per O.C.D. Rules & Guidelines SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 9/1/16** Attached ☐ 2RP-3805
Date: 7/25/2016 Phone: **575.746.5594**	

APPENDIX B – Closure Criteria Research Documentation

OSE POD 0.5 miles



4/18/2025, 1:37:45 PM

GIS WATERS PODs

- Active
- Pending
- Plugged

OSE District Boundary

New Mexico State Trust Lands

Both Estates

1:18,056

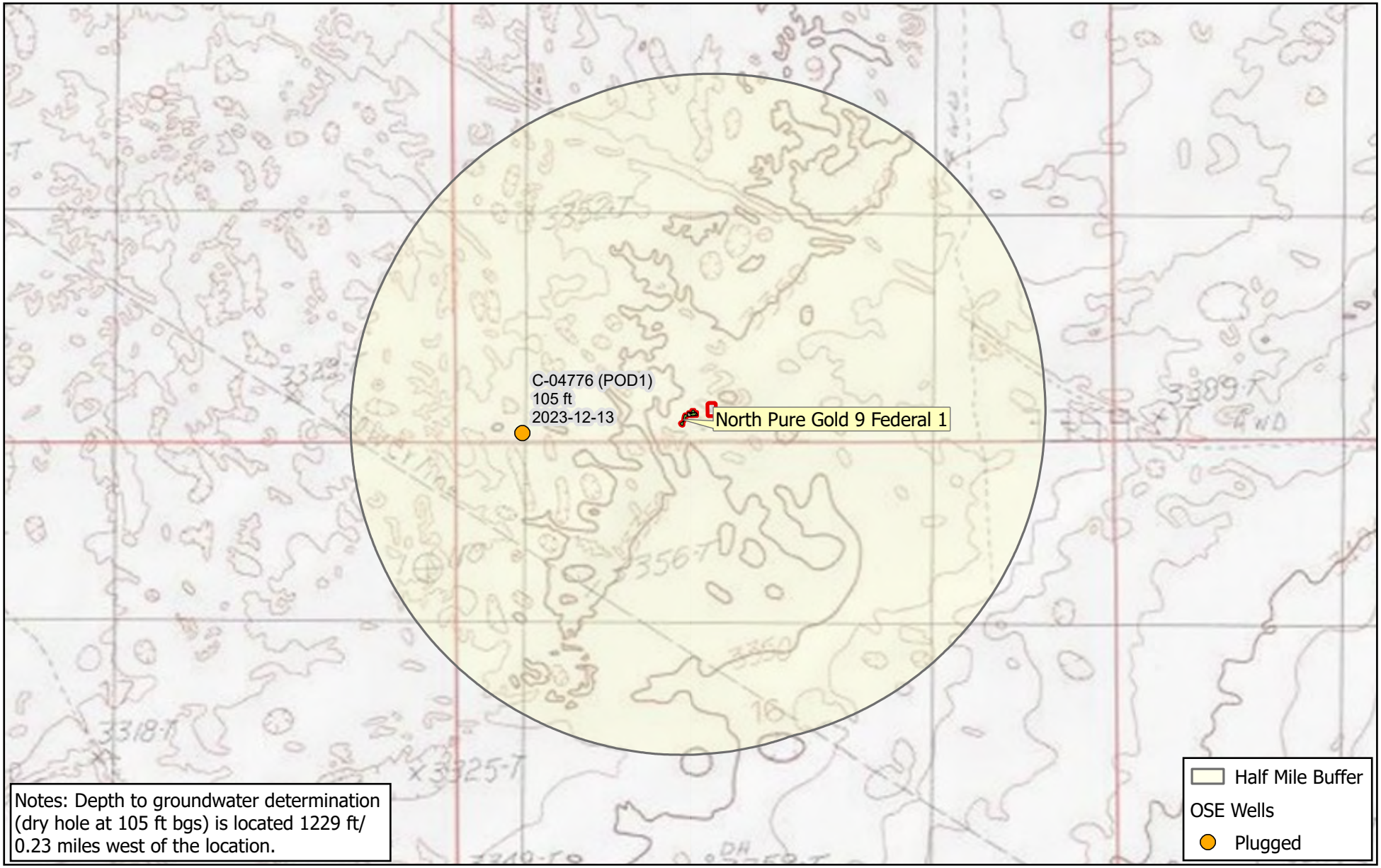
0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Online web user

This is an unofficial map from the OSE's online application.



VERTEX

0 500 1,000 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.311859°N, 103.785133°W

Date: May 02/25

N

Depth to Groundwater
North Pure Gold 9 Federal 1

PLATE: 2

devon

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)			(quarters are smallest to largest)						(NAD83 UTM in meters)				(In feet)	(In feet)	(In fee
POD Number	**Code**	**Sub basin**	**County**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Range**	**X**	**Y**	**Map**	**Distance**	**Well Depth**	**Depth Water**	**Water Columr**
C 04712 POD5		CUB	ED	SE	SE	SW	09	23S	31E	614392.9	3575754.4		24	55		
C 04776 POD1		CUB	ED	SW	SW	SW	09	23S	31E	613953.1	3575651.8		435		105	
C 04709 POD1		CUB	ED	SW	NW	NW	15	23S	31E	615508.8	3575262.4		1222			
C 04712 POD6		CUB	ED	SW	SW	SE	08	23S	31E	613146.6	3575740.1		1234	55		
C 02774		CUB	ED	SW	NW	SW	04	23S	31E	613857.0	3577745.0 *		2079	1660		
C 03351		C	ED	SE	NW	SE	04	23S	31E	614916.6	3577861.1		2194	320	168	152
C 03140		CUB	ED	SE	NE	SE	04	23S	31E	615266.0	3577758.0 *		2209	684		
C 02773		CUB	ED	SE	NW	SW	03	23S	31E	615668.0	3577762.0 *		2402	880		
C 02777		CUB	ED	SE	SE	SE	10	23S	31E	616973.8	3575662.1		2593	890		
C 03749 POD1		CUB	ED		NE	NE	15	23S	31E	616973.8	3575662.1		2593	865	639	226
C 02664		CUB	ED	SW	SW	NE	05	23S	31E	613049.0	3578138.0 *		2749	4291	354	3937
C 02492		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		2814	135	85	50
C 02865		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		2814	174		
C 02492 POD2		C	ED	SW	NE	NE	07	23S	31E	611767.4	3576996.6		2903	400	125	275
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		3043	105		
C 04772 POD1		CUB	ED	NW	NW	NW	04	23S	31E	613895.0	3578780.5		3086	55		
C 02954 EXPL		CUB	ED	SW	NW	SE	20	23S	31E	613114.0	3572906.0 *		3097	905		
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2		3457	55		
C 02776		CUB	ED	NE	NW	NW	05	23S	31E	612440.0	3578731.0 *		3571	661		
C 02767		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3656	785		
C 02768		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3656	787		
C 02725		CUB	ED	NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		3684	532		
C 02775		CUB	ED	NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		3684	529		
C 02769 POD2		CUB	ED	SE	NE	SE	33	22S	31E	615260.6	3579312.3		3685	753	428	325
C 02687		CUB	ED	SE	NE	SE	33	22S	31E	615246.0	3579364.0 *		3732	779		
C 03520 POD1		C	ED	SW	NW	NW	07	23S	31E	610732.6	3576905.8		3832	500		
C 02769		CUB	ED	NE	NE	SE	33	22S	31E	615246.0	3579564.0 *		3927	765		

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters) (In feet) (In feet) (In fee

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Columr
C 03139		CUB	ED	SE	NE	SE	01	23S	30E	610424.0	3577764.0 *		4447	425		
C 04774 POD1		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4		4486	105		
C 03222 EXPLORE		CUB	ED	NW	NW	SE	12	23S	30E	609833.0	3576349.0 *		4589	365		
C 02417		CUB	ED	SE	SE	SE	29	22S	31E	613623.0	3580554.0 *		4880	681		
C 02757		CUB	ED	SE	SE	SE	28	22S	31E	615232.0	3580571.0 *		4912	4057		

Average Depth to Water: **272 f**

Minimum Depth: **85 feet**

Maximum Depth: **639 feet**

Record Count: 32

UTM Filters (in meters):
Easting: 614381
Northing: 3575733
Radius: 005000

*** UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/18/25 12:40 PM MST **Water Column/Average Depth to Water**

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04712 POD5	SE	SE	SW	09	23S	31E	614392.9	3575754.4	

*** UTM location was derived from PLSS - see Help**

Driller License:	1833	**Driller Company:**	VISION RESOURCES, INC		
Driller Name:	JASON MALEY				
Drill Start Date:	2023-03-09	**Drill Finish Date:**	2023-03-09	**Plug Date:**	2023-03-14
Log File Date:	2023-04-04	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	6.00	**Depth Well:**	55	**Depth Water:**	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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Water Right Summary

get image list

WR File Number:	C 04712	**Subbasin:**	CUB	**Cross Reference:**	
Primary Purpose:	MON MONITORING WELL				
Primary Status:	PMT Permit				
Total Acres:		**Subfile:**		**Header:**	
Total Diversion:	0.000	**Cause/Case:**			
Owner:	VERTEX RESOURCES	**Owner Class:**	Owner		
Owner:	HARVARD PETROLEUM COMPANY LLC	**Owner Class:**	User		
Contact:	JUSTIN WARREN				

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
get images	743189	EXPL	2023-02-21	PMT	APR	C 04712 POD1-6	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 04712 POD1	NA		NW	SE	NW	31	23S	32E	620917.2	3570289.2		SDE
C 04712 POD2	NA		SE	SE	SE	17	23S	32E	623331.9	3574331.5		TOMCAT17
C 04712 POD3	NA		SE	NW	NE	24	23S	31E	619650.7	3573877.9		TODD24
C 04712 POD4	NA		NW	SE	SW	14	23S	31E	617535.4	3574316.2		TODD14
C 04712 POD5	NA		SE	SE	SW	09	23S	31E	614392.9	3575754.4		NPG9
C 04712 POD6	NA		SW	SW	SE	08	23S	31E	613146.6	3575740.1		NPG8

*** UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): ~~C-04712~~ POD5	WELL TAG ID NO.	OSE FILE NO(S.): C-4712
WELL OWNER NAME(S): Harvard Petroleum Company		PHONE (OPTIONAL)
WELL OWNER MAILING ADDRESS: PO Box 936		CITY: Roswell STATE: NM ZIP: 88202

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	18	46.0	N
	LONGITUDE	103	47	05.3	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
3-9-23	3-9-23	55	55	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): Dry

DATE STATIC MEASURED: Dry

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	45	6"	2" PVC Sch 40	Thread	2"	Sch 40	—
45	55	6"	2" PVC Sch 40 (Screen)	Thread	2"	Sch 40	102

OSE DIT APR 4 2023 PM 1:23

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			None Pulled & Plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4712-POD5	POD NO. 5	TRN NO. 743189	
LOCATION NOW 23.31.09.443		WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	20	20	White Caliche	Y (N)	
20	45	25	Brown Fine Sand	Y (N)	
45	55	10	Red Sandy Caliche	Y (N)	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): Dry

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:

OSE DIT APR 4 2023 PM1:23

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

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 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maloy / Jason Maloy — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

3/24/23 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4712-POD5	POD NO. 5	TRN NO. 743189	
LOCATION Mon 23.31.09.443		WELL TAG ID NO. —	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 743189
File Nbr: C 04712
Well File Nbr: C 04712 POD5

Apr. 04, 2023

VERTEX RESOURCES
P.O. BOX 936
ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Thompson
(575)622-6521

drywell

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04776 POD1	SW	SW	SW	09	23S	31E	613953.1	3575651.8	

*** UTM location was derived from PLSS - see Help**

Driller License:	1833	**Driller Company:**	VISION RESOURCES, INC		
Driller Name:	JASON MALEY				
Drill Start Date:	2023-12-13	**Drill Finish Date:**	2023-12-13	**Plug Date:**	2023-12-18
Log File Date:	2024-01-12	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**		**Depth Water:**	105

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/18/25 12:16 PM MST **Point of Diversion Summary**

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Water Right Summary

get image list

WR File Number:	C 04776	**Subbasin:**	CUB	**Cross Reference:**	
Primary Purpose:	MON MONITORING WELL				
Primary Status:	PMT Permit				
Total Acres:		**Subfile:**		**Header:**	
Total Diversion:	0.000	**Cause/Case:**			
Owner:	DEVON ENERGY RESOURCES	**Owner Class:**	Owner		
Contact:	DALE WOODALL				

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
get images	751180	EXPL	2023-09-19	PMT	APR	C-4776 POD1	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 04776 POD1	NA		SW	SW	SW	09	23S	31E	613953.1	3575651.8		

*** UTM location was derived from PLSS - see Help**

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0.000	0.000		MON		GW	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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WELL RECORD & LOG

Kolante 9 Fed

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
~~C-4776~~ Pod1		CO4776

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy Resources	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
205 E. Bender Road # 150	Hobbs	NM	88240

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	18	42.84	N
	LONGITUDE	-103	47	22.2	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
12-13-23	12-13-23	105'	105'	Dry hole

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 12-16-23

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	95'	6"	2" PVC SCH40	Thread	2"	SCH40	N/A
95'	105'	6"	2" PVC SCH40	Thread	2"	SCH40	.05

OSE DIT JAN 12 2024 PM 1:52

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			None Pulled and Plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4776-POD1	POD NO. 1	TRN NO. 751180	
LOCATION Expl 23.31.09.333		WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	5'	5'	Red Sand	Y ✓N	
5'	20'	15'	Tan Fine Sand	Y ✓N	
20'	40'	20'	Tan Fine sand with caliche rock	Y ✓N	
40'	105'	65'	Red sand with medium rock	Y ✓N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: Dry Hole

TOTAL ESTIMATED WELL YIELD (gpm): 0

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:

OSE DIT JAN 12 2024 PM 1:52

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

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 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maley — 1/10/24

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4776-POD 1	POD NO. 1	TRN NO. 751180	
LOCATION Expl 23.31.09.333		WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

well Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 751180
File Nbr: C 04776
Well File Nbr: C 04776 POD1

Jan. 12, 2024

DALE WOODALL
DEVON ENERGY RESOURCES
205 E BENDER ROAD #150
HOBBS, NM 88240

Greetings:

The above numbered permit was issued in your name on 09/19/2023.

The Well Record was received in this office on 01/12/2024, stating that it had been completed on 12/13/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/18/2024.

If you have any questions, please feel free to contact us.

Sincerely,

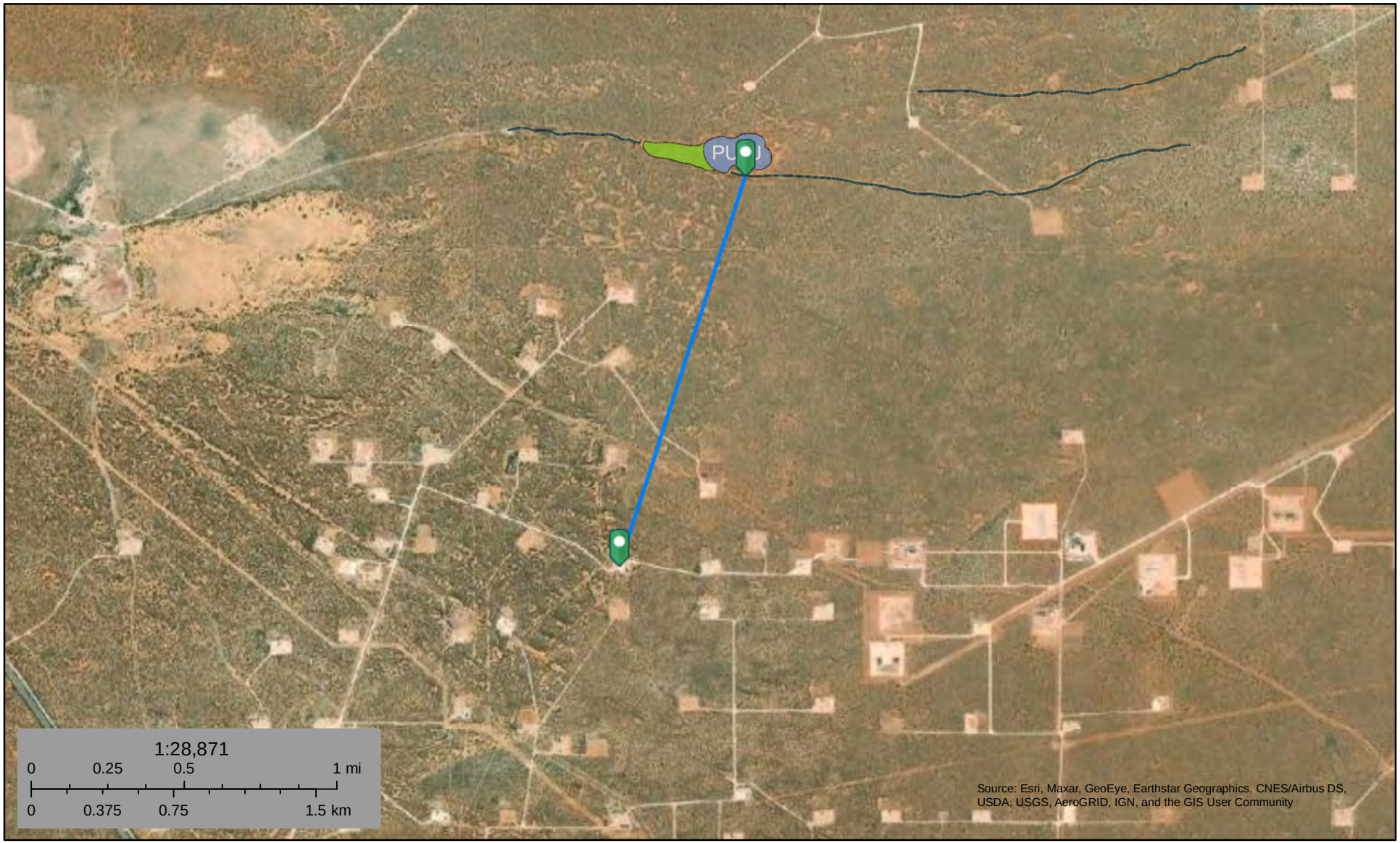
Maret Thompson
(575)622-6521

drywell

Received by OCD: 4/9/2026 10:56:52 AM

U.S. Fish and Wildlife Service
National Wetlands Inventory

NPG 9 Fed 1 - Watercourse 5965 ft



April 23, 2021

Wetlands

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

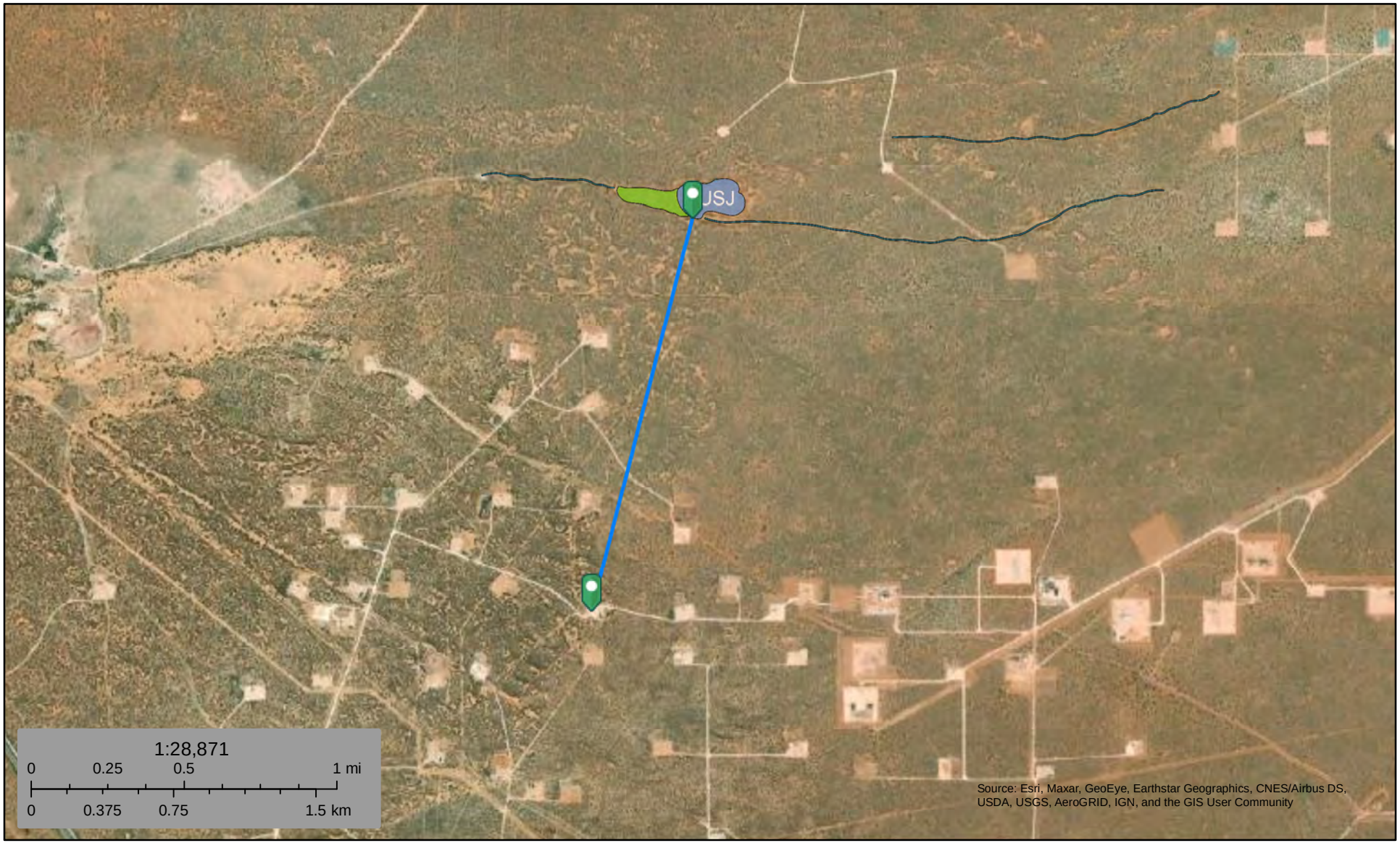
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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U.S. Fish and Wildlife Service
National Wetlands Inventory

NPG 9 Fed 1 - Pond 5916 ft



April 23, 2021

Wetlands

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 5/4/2026 3:49:54 PM

N Pure Gold 9 Fed 1

9,145 feet to nearest resident

Legend

Resident



Active & Inactive Points of Diversion

(with Ownership Information)

			(acre ft per annum)					(R=POD has been replaced and no longer serves this file, C=the file is closed)			(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)			(meters)
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X	Y	Map	Distance
C 04712	CUB	MON	0.000	HARVARD PETROLEUM COMPANY LLC	ED	C 04712 POD5	NA				SE	SE	SW	09	23S	31E	614392.9	3575754.4		24.5
C 04776	CUB	MON	0.000	DEVON ENERGY RESOURCES	ED	C 04776 POD1	NA				SW	SW	SW	09	23S	31E	613953.1	3575651.8		435.5
C 04709	CUB	MON	0.000	DEVON ENERGY	ED	C 04709 POD1	NA				SW	NW	NW	15	23S	31E	615508.8	3575262.4		1,222.0
C 04712	CUB	MON	0.000	HARVARD PETROLEUM COMPANY LLC	ED	C 04712 POD6	NA				SW	SW	SE	08	23S	31E	613146.6	3575740.1		1,234.4
C 04724	CUB	MON	0.000	DEVON ENERGY	ED	C 04724 POD1	NA				SE	SW	SW	10	23S	31E	615709.7	3575738.3		1,328.7
C 02774	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02774					SW	NW	SW	04	23S	31E	613857.0	3577745.0 *		2,079.1
C 03351	C	STK	3.000	BUREAU OF LAND MANAGEMENT	ED	C 03351				Shallow	SE	NW	SE	04	23S	31E	614916.6	3577861.1		2,194.5
C 03140	CUB	MON	0.000	US DEPT OF ENERGY	ED	C 03140				Shallow	SE	NE	SE	04	23S	31E	615266.0	3577758.0 *		2,209.9
C 03389	C	STK	3.000	JIMMY MILLS 2005 GST TRUST	ED	C 03389					NW	NW	SW	17	23S	31E	612316.0	3574683.0		2,316.6
C 03394	C	PUB	0.000	JAMES HAMILTON CONSTRUCTION CO	ED	C 03389					NW	NW	SW	17	23S	31E	612316.0	3574683.0		2,316.6
C 02773	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02773					SE	NW	SW	03	23S	31E	615668.0	3577762.0 *		2,402.8
C 02777	CUB	MON	0.000	US DEPT OF ENERGY WIPP	ED	C 02777					SE	SE	SE	10	23S	31E	616973.8	3575662.1		2,593.8
C 03749	CUB	MON	0.000	US DEPARTMENT OF ENERGY	ED	C 03749 POD1				Shallow		NE	NE	15	23S	31E	616973.8	3575662.1		2,593.8
C 04200	CUB	EXP	0.000	JIMMY MILLS GST TRUST	ED	C 04200 POD3	NA					NE	NE	07	23S	31E	612130.3	3577147.3		2,658.2
C 04897	CUB	MON	0.000	OXY USA INC.	ED	C 04897 POD1	NA				NW	NE	SW	21	23S	31E	614374.0	3573036.6		2,696.4
C 02664	CUB	MON	0.000	SANDIA NATIONAL LABORATORIES	ED	C 02664				Shallow	SW	SW	NE	05	23S	31E	613049.0	3578138.0 *		2,749.2
C 04200	CUB	EXP	0.000	JIMMY MILLS GST TRUST	ED	C 04200 POD5	NA					SE	SE	06	23S	31E	612138.8	3577393.1		2,789.9
C 02492	CUB	COM	105.000	THE JIMMY MILLS GST TRUST	ED	C 02492				Shallow	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		2,815.0
C 02865	CUB	EXP	0.000	STACY MILLS	ED	C 02865					SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		2,815.0
C 04200	CUB	EXP	0.000	JIMMY MILLS GST TRUST	ED	C 04200 POD2	NA					NE	NE	07	23S	31E	611893.1	3577123.1		2,849.9
					ED	C 04200 POD1	NA					NE	NE	07	23S	31E	611802.8	3577058.6		2,899.0
C 03668	C	STK	3.000	J T MILLS 2005 GST TRUST	ED	C 02492 POD2				Shallow	SW	NE	NE	07	23S	31E	611767.4	3576996.6		2,903.0
C 04200	CUB	EXP	0.000	JIMMY MILLS GST TRUST	ED	C 04200 POD4	NA					SE	SE	06	23S	31E	611996.2	3577521.8		2,981.1
C 04855	CUB	MON	0.000	DEVON ENERGY PRODUCTION	ED	C 04855 POD1	NA				NE	SW	SW	11	23S	31E	617417.6	3575936.7		3,043.4
C 04772	CUB	MON	0.000	DEVON ENERGY RESOURCES	ED	C 04772 POD1	NA				NW	NW	NW	04	23S	31E	613895.0	3578780.5		3,086.0
C 02954	CUB	EXP	0.000	U.S. DEPARTMENT OF ENERGYCARLSBAD FIELD OFFICE, WIPP	ED	C 02954 EXPL				Shallow	SW	NW	SE	20	23S	31E	613114.0	3572906.0 *		3,097.9
C 04712	CUB	MON	0.000	HARVARD PETROLEUM COMPANY LLC	ED	C 04712 POD4	NA				NW	SE	SW	14	23S	31E	617535.4	3574316.2		3,458.0
C 02776	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02776					NE	NW	NW	05	23S	31E	612440.0	3578731.0 *		3,571.5
C 02767	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02767					SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3,656.4
C 02768	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02768					SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3,656.4
C 02725	CUB	MON	0.000	U.S. DEPT. OF ENERGY, WIPP	ED	C 02725					NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		3,684.0
C 02775	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02775					NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		3,684.0

		(acre ft per annum)				(R=POD has been replaced and no longer serves this file, C=the file is closed)				(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)			(meters)
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X	Y	Map	Distance
C 02769	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02769 POD2				Artesian	SE	NE	SE	33	22S	31E	615260.6	3579312.3		3,685.8
C 02687	CUB	MON	0.000	SANDIA NATIONAL LABORATORIES	ED	C 02687					SE	NE	SE	33	22S	31E	615246.0	3579364.0 *		3,732.6
C 03520	C	STK	0.000	SLASH 46, INC.	ED	C 03520 POD1					SW	NW	NW	07	23S	31E	610732.6	3576905.8		3,832.3
C 02769	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02769					NE	NE	SE	33	22S	31E	615246.0	3579564.0 *		3,927.4
C 03139	CUB	MON	0.000	US DEPT OF ENERGY	ED	C 03139					SE	NE	SE	01	23S	30E	610424.0	3577764.0 *		4,447.8
C 04774	CUB	MON	0.000	DEVON ENGERGY RESOURCES	ED	C 04774 POD1	NA				SE	NE	NE	23	23S	31E	618456.0	3573856.4		4,486.3
C 04553	CUB	MON	0.000	OXY USA INC	ED	C 04553 POD1	NA				SE	NW	SE	29	23S	31E	613255.5	3571369.8		4,506.0
C 03222	CUB	MON	0.000	U.S. DEPART OF ENERGY	ED	C 03222 EXPLORE				Shallow	NW	NW	SE	12	23S	30E	609833.0	3576349.0 *		4,589.5
C 04325	CUB	POL	0.000	XTO ENERGY INC	ED	C 04325 POD5	NA				SE	SE	NE	01	23S	30E	610375.9	3578216.3		4,712.5
					ED	C 04325 POD13	NA				SE	SE	NE	01	23S	30E	610356.3	3578220.1		4,731.2
					ED	C 04325 POD3	NA				SE	SE	NE	01	23S	30E	610362.7	3578231.5		4,731.7
					ED	C 04325 POD16	NA				SE	SE	NE	01	23S	30E	610347.3	3578206.7		4,731.8
					ED	C 04325 POD14	NA				SE	SE	NE	01	23S	30E	610346.7	3578215.7		4,737.0
					ED	C 04325 POD4	NA				SE	SE	NE	01	23S	30E	610360.0	3578239.5		4,738.2
					ED	C 04325 POD6	NA				SE	SE	NE	01	23S	30E	610360.0	3578239.5		4,738.2
					ED	C 04325 POD10	NA				SE	SE	NE	01	23S	30E	610349.4	3578231.7		4,743.1
					ED	C 04325 POD7	NA				SE	SE	NE	01	23S	30E	610345.5	3578227.4		4,744.2
					ED	C 04325 POD12	NA				SE	SE	NE	01	23S	30E	610350.6	3578235.7		4,744.2
					ED	C 04325 POD2	NA				SE	SE	NE	01	23S	30E	610349.6	3578234.8		4,744.6
					ED	C 04325 POD1	NA				SE	SE	NE	01	23S	30E	610341.7	3578235.0		4,751.4
					ED	C 04325 POD9	NA				SE	SE	NE	01	23S	30E	610339.4	3578232.8		4,752.2
					ED	C 04325 POD15	NA				SE	SE	NE	01	23S	30E	610339.4	3578237.1		4,754.5
					ED	C 04325 POD8	NA				SE	SE	NE	01	23S	30E	610334.0	3578228.5		4,754.5
					ED	C 04325 POD11	NA				SE	SE	NE	01	23S	30E	610332.6	3578232.8		4,758.0
C 02417	CUB	MON	0.000	U.S. DEPT. OF ENERGY	ED	C 02417				Artesian	SE	SE	SE	29	22S	31E	613623.0	3580554.0 *		4,880.2
C 02757	CUB	MON	0.000	U.S. DEPT. OF ENERGY - WIPP	ED	C 02757					SE	SE	SE	28	22S	31E	615232.0	3580571.0 *		4,912.3
C 02960	CUB	EXP	0.000	US DEPT. OF ENERGY CARLSBAD FIELD OFFICE, WIPP	ED	C 02960 EXPL					SW	SW	SW	31	22S	31E	610620.0	3578915.0 *		4,926.5

Record Count: 59

Filters Applied:

UTM Filters (in meters):
Easting: 614381
Northing: 3575733
Radius: 005000

Sorted By: Distance

*** UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 02774	SW	NW	SW	04	23S	31E	613857.0	3577745.0 *	

*** UTM location was derived from PLSS - see Help**

Driller License:		**Driller Company:**			
Driller Name:	SANDIA NATIONAL LABS/USGS				
Drill Start Date:		**Drill Finish Date:**	1976-12-31	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	4.50	**Depth Well:**	1660	**Depth Water:**	

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4/18/25 12:50 PM MST **Point of Diversion Summary**

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Water Right Summary



get image list

WR File Number:	C 02774	**Subbasin:**	CUB	**Cross Reference:**
Primary Purpose:	MON MONITORING WELL			
Primary Status:	DCL Declaration			
Total Acres:	0.000	**Subfile:**		**Header:**
Total Diversion:	0.000	**Cause/Case:**		
Owner:	U.S. DEPT. OF ENERGY - WIPP	**Owner Class:**	Owner	
Contact:	D.C. LYNN			

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
	195794	DCL	2000-11-06	DCL	PRC	C 02774	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 02774			SW	NW	SW	04	23S	31E	613857.0	3577745.0 *		

*** UTM location was derived from PLSS - see Help**

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0.000	0.000		MON		GW	

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 03351	SE	NW	SE	04	23S	31E	614916.6	3577861.1	

*** UTM location was derived from PLSS - see Help**

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY" (LD)				
Drill Start Date:	2007-11-20	**Drill Finish Date:**	2007-11-20	**Plug Date:**	
Log File Date:	2007-12-04	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	25
Casing Size:	6.63	**Depth Well:**	320	**Depth Water:**	168

Water Bearing Stratifications:

Top	Bottom	Description
240	265	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
152	304

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Water Right Summary



get image list

WR File Number:	C 03351	**Subbasin:**	C	**Cross Reference:**	
Primary Purpose:	STK 72-12-1 LIVESTOCK WATERING				
Primary Status:	PMT Permit				
Total Acres:		**Subfile:**		**Header:**	
Total Diversion:	3.000	**Cause/Case:**			
Owner:	BUREAU OF LAND MANAGEMENT	**Owner Class:**	Owner		
Contact:	STEVE DALY				

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
get images	469289	72121	2007-11-15	PMT	LOG	C 03351	T		3.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 03351		Shallow	SE	NW	SE	04	23S	31E	614916.6	3577861.1		

*** UTM location was derived from PLSS - see Help**

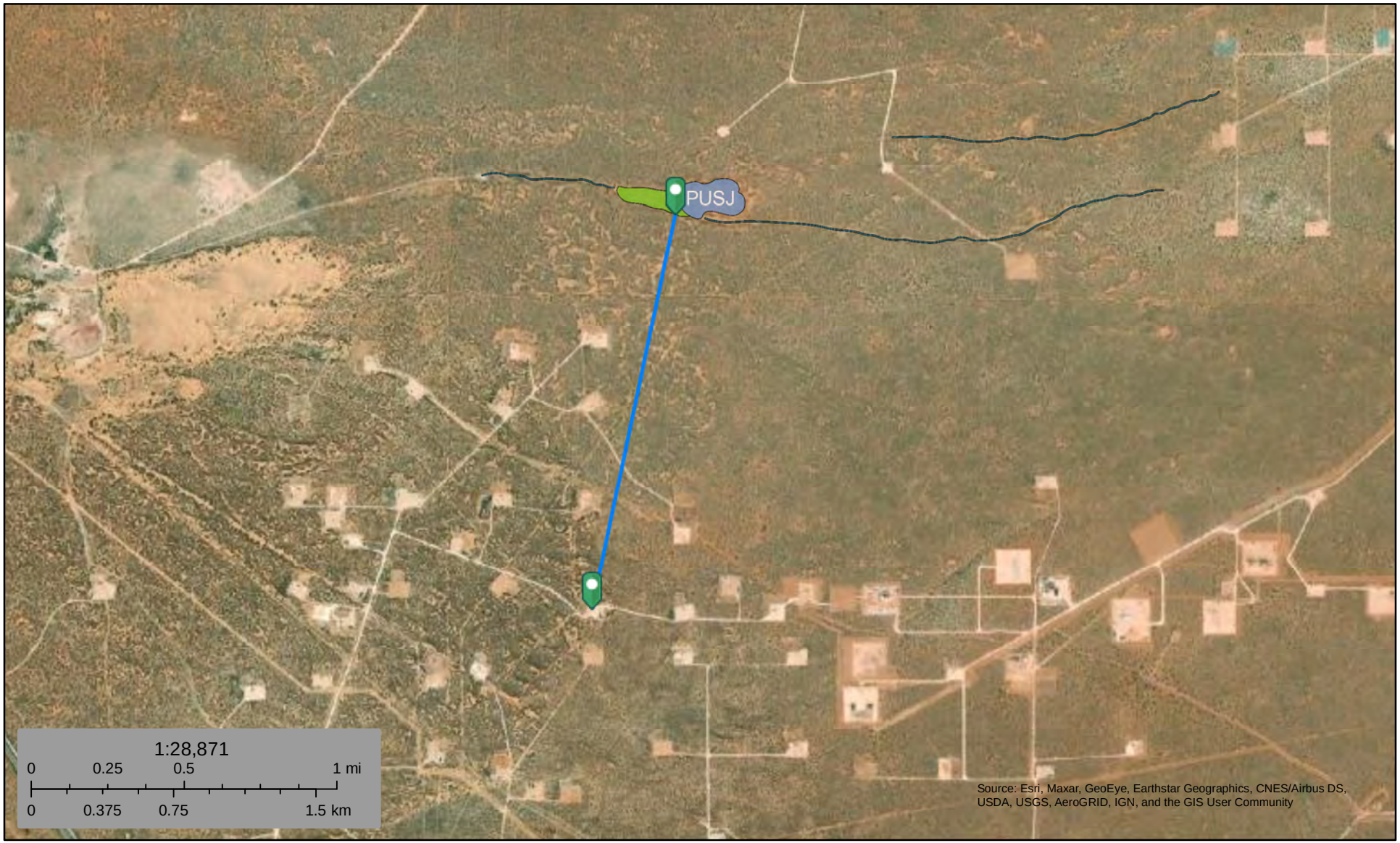
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U.S. Fish and Wildlife Service
National Wetlands Inventory

NPG 9 Fed 1 - Wetland 5881 ft



April 23, 2021

Wetlands

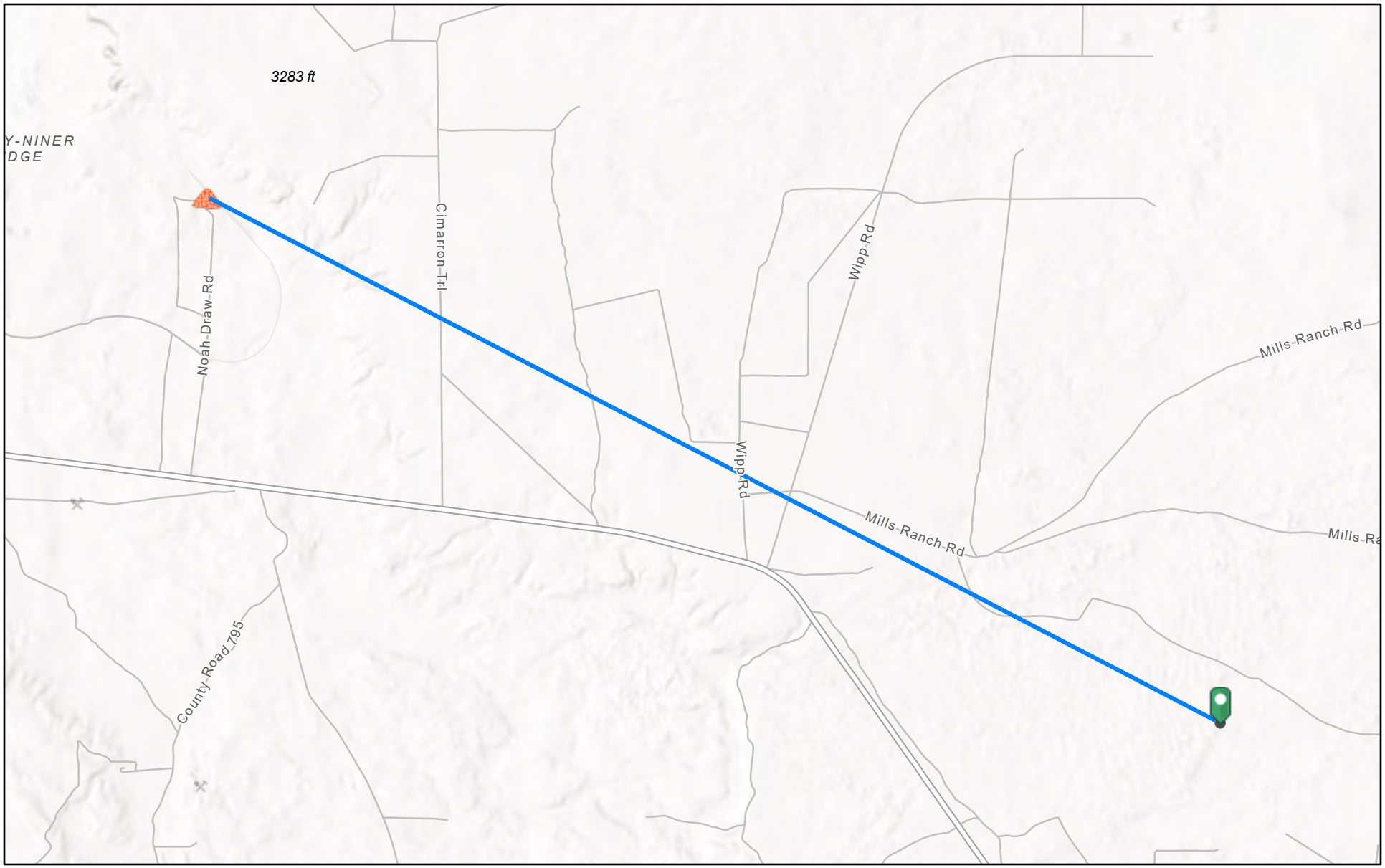
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 5/4/2026 3:49:54 PM

North Pure Gold 9 Federal #001 - 34,074 feet from mine



1/26/2024, 7:31:01 AM

Registered Mines

Potash

Aggregate, Stone etc.

1:58,494

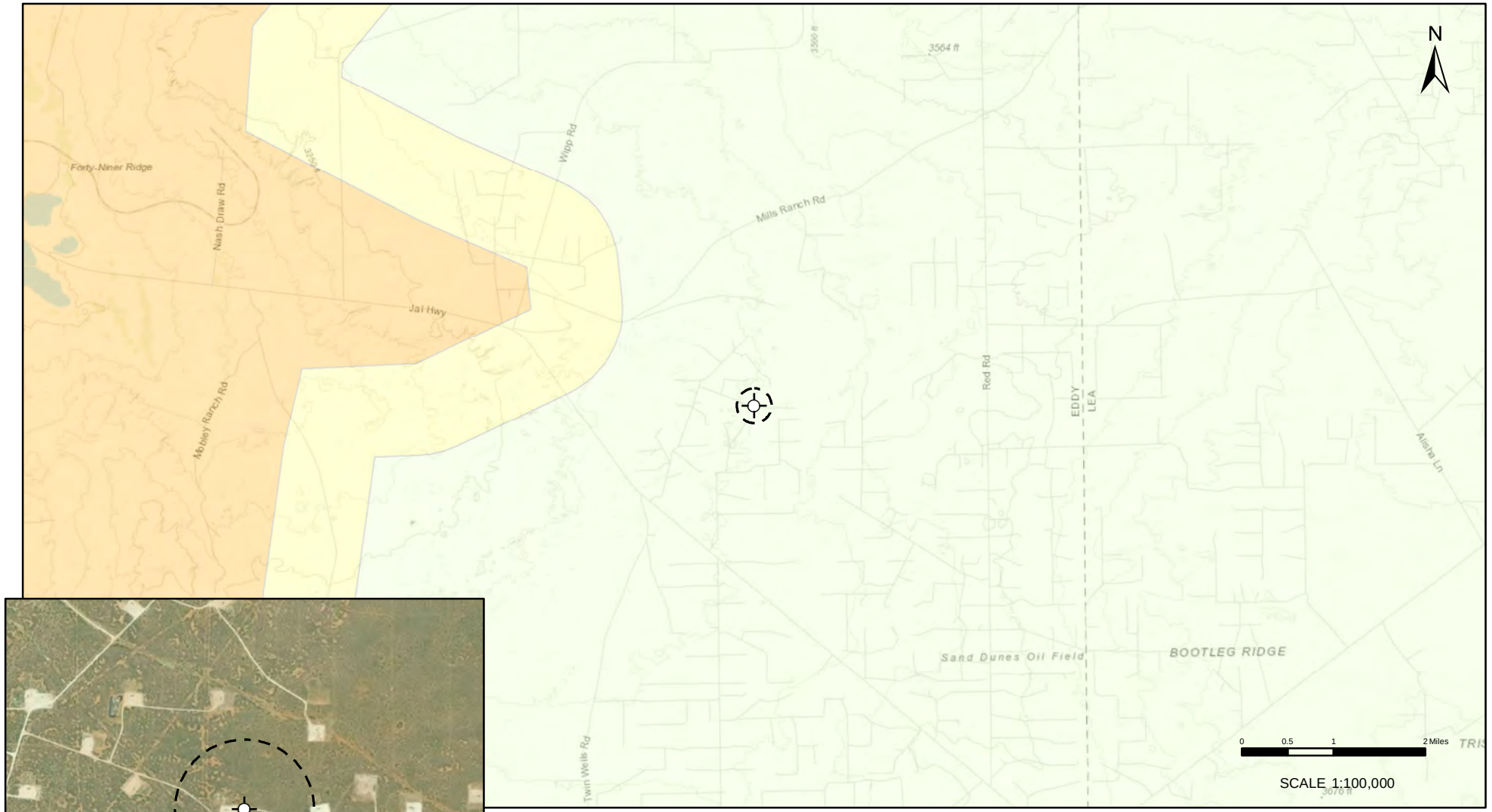
0 0.42 0.85 1.7 mi

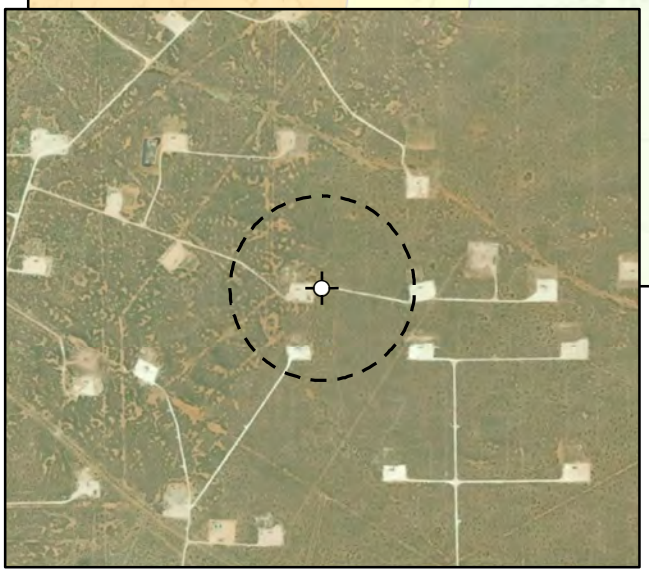
0 0.5 1 2 km

Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri,

EMNRD MMD GIS Coordinator

NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)





LEGEND

SITE

1000 FT BUFFER

KARST POTENTIAL

CRITICAL

HIGH

MEDIUM

LOW

Notes: Aerial Image from ESRI Digital Globe 2017

devon

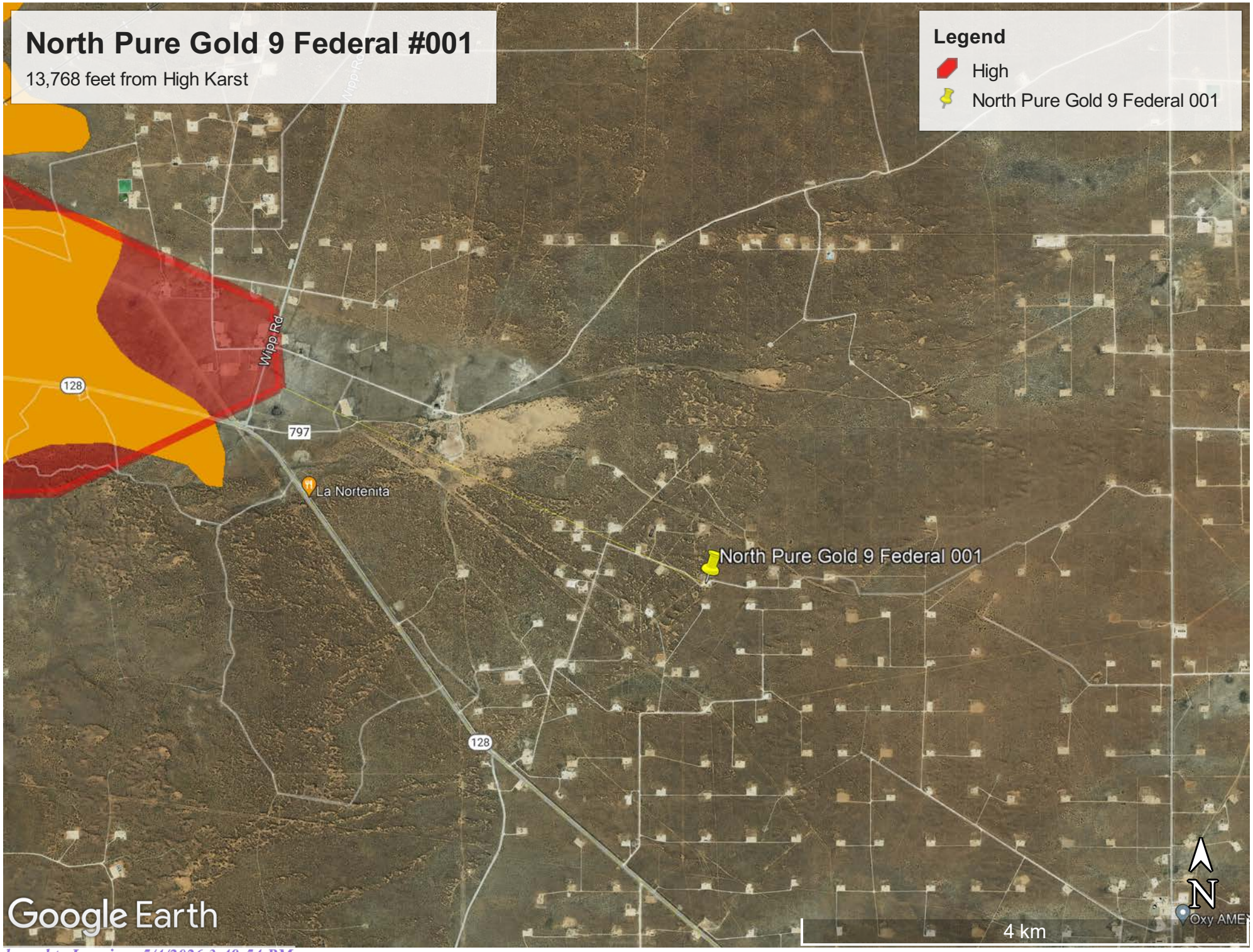
Karst Potential
North Pure Gold 9
Federal #001

VERTEX

DRAWN:	NM
APPROVED:	KM
DATE:	APR 15/19

FIGURE: 1

VERSATILITY. EXPERTISE.

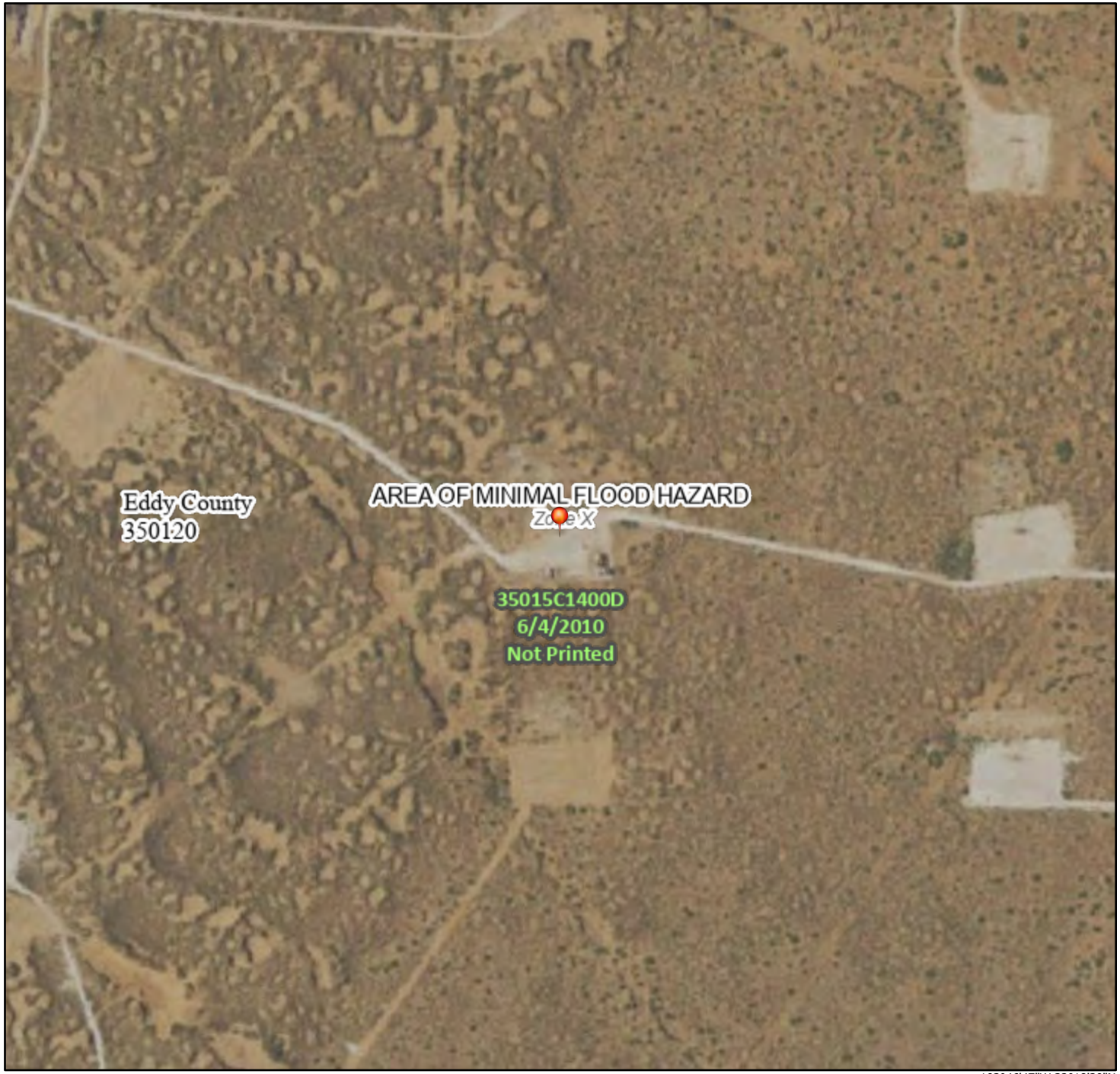

North Pure Gold 9 Federal #001
13,768 feet from High Karst
Legend
High
North Pure Gold 9 Federal 001
Wipp Rd
128
797
La Nortenita
North Pure Gold 9 Federal 001
128
Google Earth
4 km
N

Received by OCD: 4/2/2026 10:56:52 AM

National Flood Hazard Layer FIRMette

FEMA

103°47'25"W 32°19'1"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°46'47"W 32°18'30"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

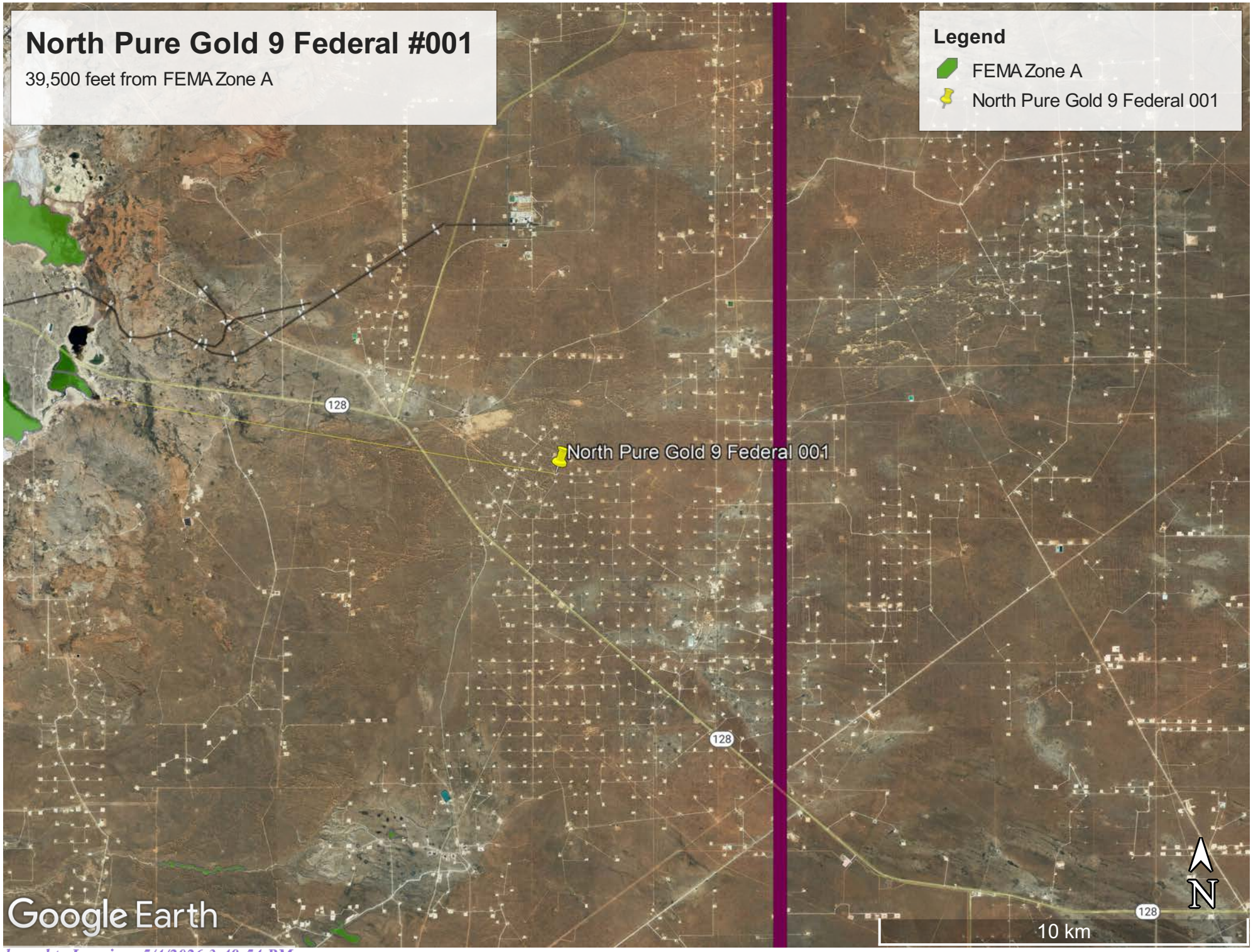
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/18/2025 at 8:13 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 5/4/2026 3:49:54 PM


North Pure Gold 9 Federal #001
39,500 feet from FEMA Zone A
Legend
FEMA Zone A
North Pure Gold 9 Federal 001
North Pure Gold 9 Federal 001
128
128
128
Google Earth
10 km
N

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Eddy Area, New Mexico



January 25, 2024

Custom Soil Resource Report
Soil Map



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q
Elevation: 3,100 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent
Berino and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand
H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser

Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

USDA Natural Resources Conservation Service

Ecological site R042XC005NM
Deep Sand

Accessed: 04/23/2021

General information

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.



Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site occurs on terraces, Piedmonts, dunes fields, or upland plains. Parent material consists of eolian deposits and alluvium derived from sandstone. Slopes range from 0 to 15 percent, usually less than 5 percent. Low, stabilized hummocks or dunes frequently occur. Elevations range from 2,842 to 4,500 feet.

Table 2. Representative physiographic features

Landforms	(1) Dune (2) Parna dune (3) Terrace
Flooding frequency	None
Ponding frequency	None
Elevation	2,842–4,500 ft

Slope	0–15%
Aspect	Aspect is not a significant factor

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.
Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer.
The average frost-free season is 207 to 220 days. The last killing frost is in late March or early April, and the first killing frost is in late October or early November.
Both temperature and moisture favor warm season perennial plant growth. During years of abundant winter and early spring moisture, cool season growth and annual forbs, make up an important component of this site. Strong winds blow from the west from January through June, which accelerates soil drying during a critical period for cool season plant growth.

Climate data was obtained from http://www.wrcc.sage.dri.edu/summary/climsmnm.html web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are deep or very deep. Surface textures are sand loam, fine sand or loamy fine sand, Underlying material textures are loamy fine sand, fine sand, sand or fine sandy loam. Because of the coarse textures and rapid drying of the surface, the soil, if unprotected by plant cover and organic residue, becomes windblown and low hummocks or dunes are formed around shrubs.

Characteristic soils are:
Anthony
Aguena
Kermit
Likes
Pintura
Bluepoint

Table 4. Representative soil features

Surface texture	(1) Sand (2) Fine sand (3) Loamy fine sand
Family particle size	(1) Sandy
Drainage class	Well drained to excessively drained

Permeability class	Moderate to very rapid
Soil depth	60–72 in
Surface fragment cover <=3"	0–5%
Surface fragment cover >3"	0%
Available water capacity (0-40in)	3–5 in
Calcium carbonate equivalent (0-40in)	5–15%
Electrical conductivity (0-40in)	0–4 mmhos/cm
Sodium adsorption ratio (0-40in)	0–2
Soil reaction (1:1 water) (0-40in)	6.6–7.8
Subsurface fragment volume <=3" (Depth not specified)	5–10%
Subsurface fragment volume >3" (Depth not specified)	0%

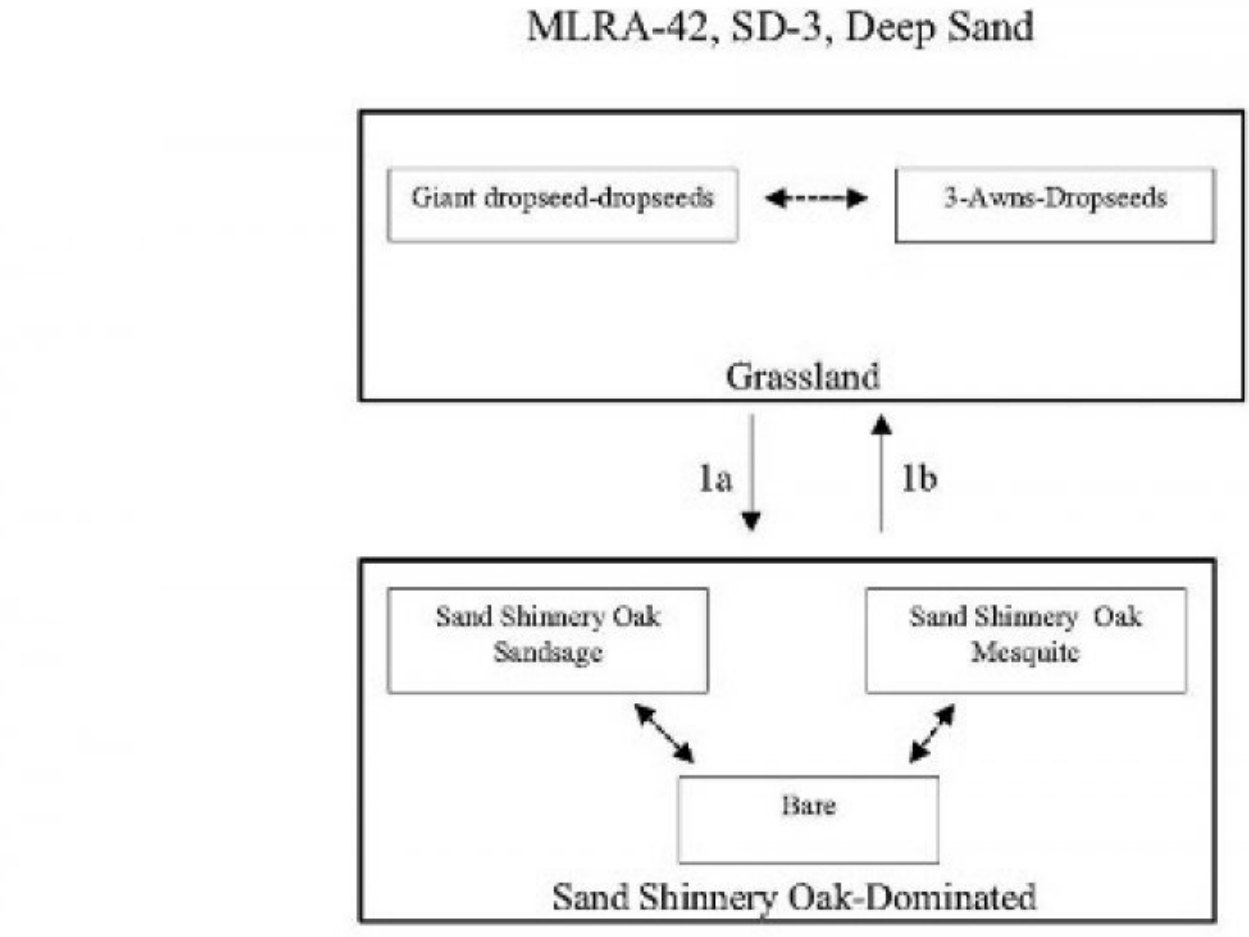
Ecological dynamics

Overview

The Deep Sand site occurs adjacent to and/or intergraded with the Sandhills and Sandy sites (SD-3). The Deep Sand site can be distinguished by slopes less than eight percent (approximately five percent) and textural changes at depths greater than 40 inches. The Deep Sand site has well drained soils with a surface texture of sand or loamy fine sand. The Sandhills site has slopes greater than eight percent and textural depths greater than 60 inches. Conversely, the Sandy site has slopes less than five percent and depths to textural change commonly around 20 inches. The historic plant community of the Deep Sand site is dominated primarily by giant dropseed (*Sporobolus giganteus*) and other dropseeds (*S. flexuosus*, *S. contractus*, *S. cryptandrus*), with scattered shinnery oak (*Quercus havardii*) and soapweed yucca (*Yucca glauca*). Other herbaceous species include threeawns (Aristida spp.), bluestems (*Schizachyrium scoparium* and *Andropogon hallii*), and annual and perennial forbs distributed relative to precipitation occurrences. Bare ground and litter compose a significant proportion of ground cover while grasses are the remainder. Shinnery oak will increase with an associated decrease in dropseed and bluestem abundance possibly due to climatic change, fire suppression, interspecific competition, and excessive grazing. Continued grass cover loss may result in a transition to a shinnery oak dominated state with increases in sand sage (*Artemisia filifolia*) and honey mesquite (*Prosopis glandulosa*). However, brush management may restore the grassland component and reverse the shinnery oak state back toward the historic plant community.

State and transition model

Plant Communities and Transitional Pathways (diagram)



1.a Climate, fire suppression, competition, over grazing

1.b Brush control, Prescribed grazing

Figure 4.

State 1

Historic Climax Plant Community

Community 1.1
Historic Climax Plant Community

State Containing Historic Plant Community

Grassland: The historic plant community is dominated by giant dropseed, other dropseeds, threeawns, and bluestems. Dominant woody plants include shinnery oak and soapweed yucca. Forb abundance and distribution varies and is dependent on annual rainfall. The Deep Sand site typically exists in sandy plains and dunes (Sosebee 1983). Grass dominance stabilizes the potentially erosive sandy soils. Historical fire suppression, however, may have contributed to increased woody plant abundance, which has reduced grass species. Further, drought conditions compounded with excessive grazing likely has driven most grass species out of competition with shrubs which has resulted in a shinnery oak dominated state with sand sage and mesquite (Young et al. 1948).

Diagnosis: Grassland dominated by dropseeds, threeawns, and bluestems. Small shrubs, such as shinnery oak and soapweed yucca, and subshrubs are dispersed throughout the grassland.

Other grasses that could appear on this site would include: flatsedge, almejita signalgrass, big bluestem, Indiangrass, fall witchgrass, hairy grama and red lovegrass

Other shrubs include: fourwing saltbush, mesquite, ephedra and broom snakeweed.

Other forbs include: wooly and scarlet gaura, wooly dalea, phlox heliotrope, scorpionweed, deerstongue, fleabane, nama, hoffmanseggia, lemon beebalm and stickleaf.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	396	858	1320
Shrub/Vine	108	234	360
Forb	96	208	320
Total	**600**	**1300**	**2000**

Table 6. Ground cover

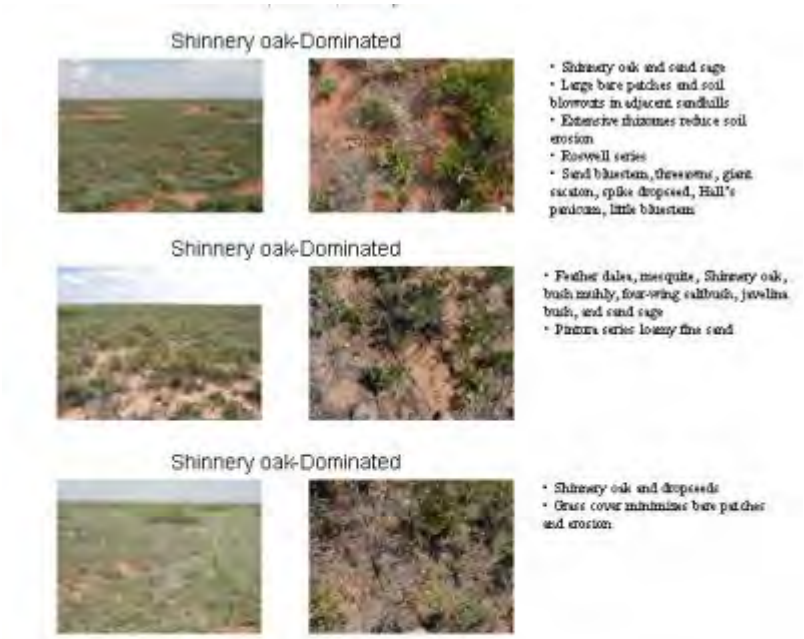
Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	15-20%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	35-40%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%
Bedrock	0%
Water	0%
Bare ground	35-40%

Figure 6. Plant community growth curve (percent production by month). NM2805, HCPC. SD-3 Deep Sand - Warm season plant community .

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	3	5	10	10	25	30	12	5	0	0

State 2
Shinnery Oak Dominated

Community 2.1
Shinnery Oak Dominated



Shinnery Oak Dominated: This state is dominated by shinnery oak with subdominants of sand sage or mesquite. Bare ground is a significant component in this state as well. shinnery oak is characterized by dense stands in sandy soils; however, as clay percentage increases, shinnery oak decreases. Shinnery oak abundance and distribution increase with disturbances, such as excessive grazing and fire, due to an aggressive rhizome system. As shinnery oak abundance increases, an associated increase of mesquite, sand sage, and soapweed yucca also occurs. Shinnery oak's extensive root system allows the oak to competitively exclude grasses and forbs. Sand sage, however, stabilizes light sandy soils from wind erosion and can co-exist with herbaceous species by protecting them in heavily grazed conditions (Davis and Bonham 1979). Shinnery oak has been found primarily in very deep, excessively drained, and rapidly permeable soils. Shinnery oak is associated with landforms which are gently undulating to rolling uplands, very gently sloping to moderately steep slopes, and upland plains, alluvial fans and valley sideslopes. Shinnery oak and sand sage can be controlled with herbicide if applied in the spring with a subsequent rest from grazing (Herbel et al. 1979, Pettit 1986). In addition, repetitive seasons of goat browsing can also reduce shinnery oak abundance. Patches should be maintained during brush control, however, to prevent erosion and to provide wildlife cover and forage. Further, as shinnery oak and other shrubs increase, bare patches and erosion will increase due to a lack of herbaceous ground cover.

Diagnosis: Shinnery oak dominated with subdominant sand sage, honey mesquite, and soapweed yucca with increasing frequency and size of bare patches.

Transition to Shinnery oak dominated state (1a): The historic plant community begins to shift toward the shinnery oak dominated state as drivers such as climate change, fire suppression, interspecific competition, and excessive grazing contribute to alterations in soil properties and herbaceous cover. Cover loss and surface soil erosion are initial indicators of transition followed by an increase of shrub species abundance and bare patch expansion.

Key indicators of approach to transition:
• Loss of grass and forb cover
• Surface soil erosion
• Bare patch expansion
• Increased shrub species abundance and composition

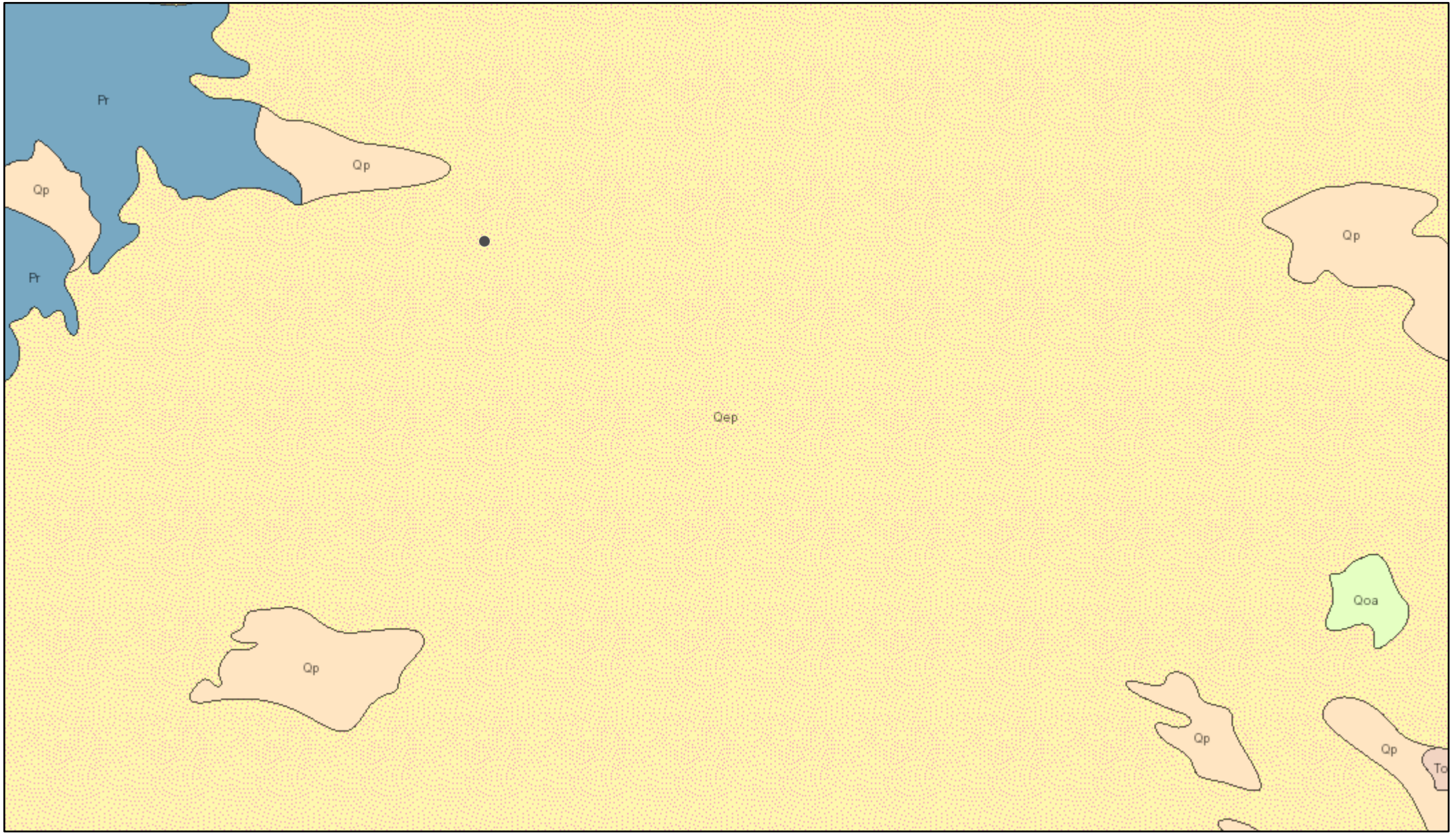
Transition to Historic Plant Community (1b): The shinnery oak dominated state may transition back toward the historic plant community as new drivers are introduced such as prescribed grazing, brush control, and discontinued drought conditions.

Additional community tables

Table 7. Community 1.1 plant community composition

Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cover (%)
Grass/Grasslike					
1	**Warm Season**			450–585	
	spike dropseed	SPCO4	*Sporobolus contractus*	450–585	–
	sand dropseed	SPCR	*Sporobolus cryptandrus*	450–585	–
	mesa dropseed	SPFL2	*Sporobolus flexuosus*	450–585	–
	giant dropseed	SPGI	*Sporobolus giganteus*	450–585	–
2	**Warm Season**			65–104	
	sand bluestem	ANHA	*Andropogon hallii*	65–104	–
	little bluestem	SCSC	*Schizachyrium scoparium*	65–104	–
3	**Warm Season**			39–91	
	threeawn	ARIST	*Aristida*	39–91	–
4	**Warm Season**			13–39	
	thin paspalum	PASE5	*Paspalum setaceum*	13–39	–
5	**Warm Season**			13–39	
	black grama	BOER4	*Bouteloua eriopoda*	13–39	–
6	**Warm Season**			13–39	
	mat sandbur	CELO3	*Cenchrus longispinus*	13–39	–
7	**Warm Season**			13–39	
	Havard's panicgrass	PAHA2	*Panicum havardii*	13–39	–
8	**Warm Season**			13–65	
	plains bristlegrass	SEVU2	*Setaria vulpiseta*	13–65	–
9	**Other Annual Grasses**			13–65	
	Grass, annual	2GA	*Grass, annual*	13–65	–
Shrub/Vine					
10	**Shrub**			65–130	
	Havard oak	QUHA3	*Quercus havardii*	65–130	–
11	**Shrub**			13–39	

ArcGIS Web Map



7/27/2021, 2:44:08 PM

Lithologic Contacts

- Contact, Exposed
- Contact, Gradational

Map Boundary

Faults

- Fault, Exposed
- Fault, Intermittent

Fault, Concealed

Shere Zone

Dikes

- <all other values>

Dike

Dike intruding fault

Volcanic Vents

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

NMBGMR, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S.

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ArcGIS Web AppBuilder

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census

APPENDIX C – Daily Field Reports

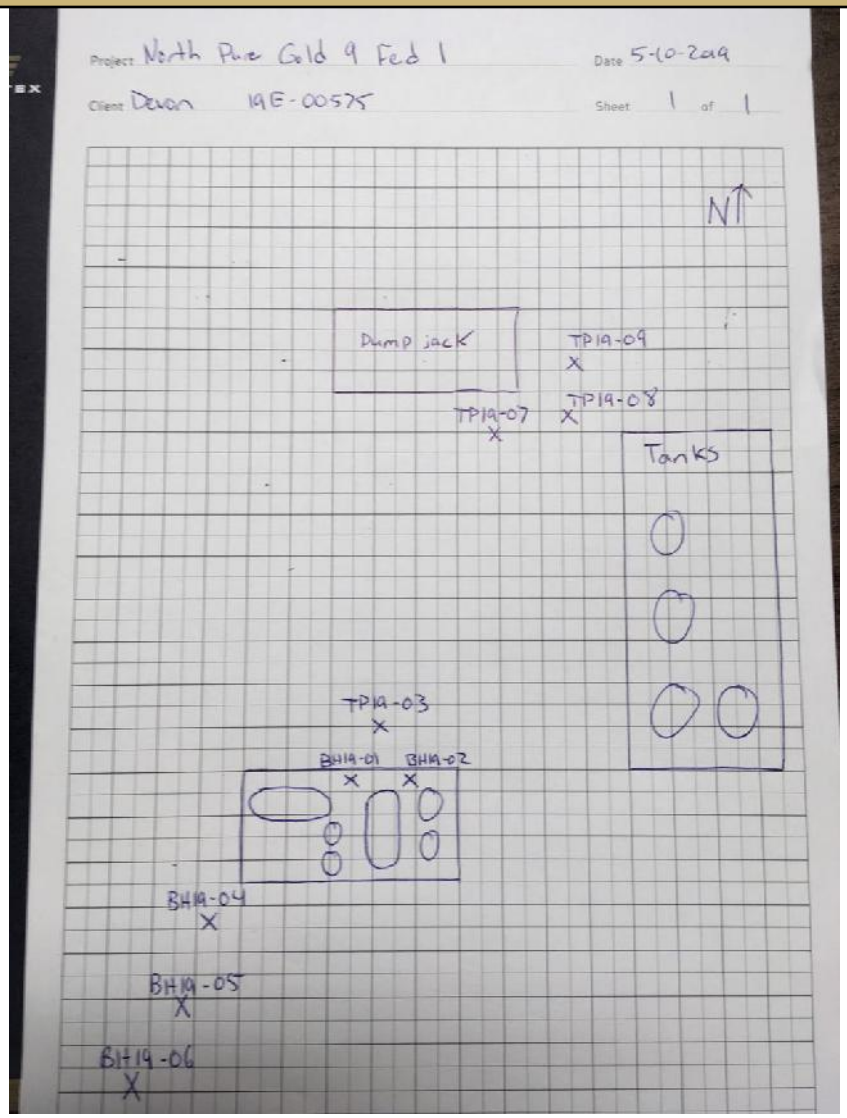
Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	5/10/2019
Site Location Name:	North Pure Gold 9 Fed 1H	Report Run Date:	5/11/2019 12:15 AM
Project Owner:	Amanda Davis	File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	30-015-27178
Client Contact Name:	Amanda Davis	Reference	Historic Spills
Client Contact Phone #:	(575) 748-0176		

Summary of Times	
Left Office	5/10/2019 7:45 AM
Arrived at Site	5/10/2019 8:45 AM
Departed Site	5/10/2019 3:30 PM
Returned to Office	5/10/2019 4:15 PM

Daily Site Visit Report

Site Sketch



Daily Site Visit Report

Summary of Daily Operations

12:17 Fill out arrival, safety, and ground disturbance forms
Tailgate safety meeting
Begin taking and field screening samples from each spill area
Take pictures
Fill out DFR
Return to office

Next Steps & Recommendations

1 Sample spill inside tank containment

Sampling

BH19-01

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
2 ft.	0 ppm	49 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31234057, -103.78510568	Yes

BH19-02

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
2 ft.	0 ppm	575 ppm	High (300-6000ppm)	309 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31234799, -103.78504484	Yes

Daily Site Visit Report

BH19-04

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
2 ft.	9 ppm	760 ppm	High (300-6000ppm)	3968 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31224441, -103.78527409	Yes

BH19-05

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	7 ppm	146 ppm	High (300-6000ppm)	1269 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31212367, -103.78531241	Yes

BH19-06

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
2 ft.	9 ppm	33 ppm	High (300-6000ppm)	424 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31208265, -103.78537964	Yes

TP19-03

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
2 ft.	2 ppm	169 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31237867, -103.78508475	Yes

Daily Site Visit Report

TP19-07

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
4 ft.	11 ppm	1600 ppm	High (300-6000ppm)	2061 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31260420, -103.78497668	Yes

TP19-08

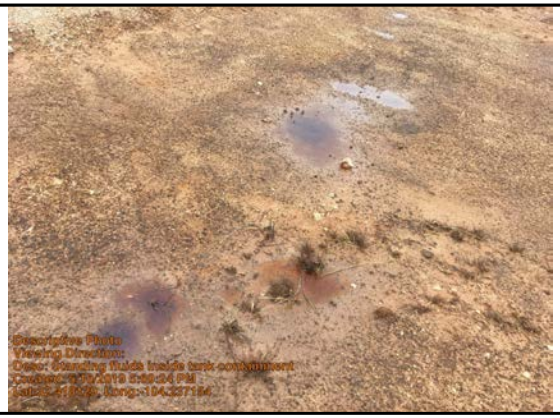
Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
4 ft.	7 ppm	1140 ppm	High (300-6000ppm)	1611 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31259804, -103.78490309	Yes

TP19-09

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
4 ft.	0 ppm	120 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31264502, -103.78489604	Yes

Daily Site Visit Report

Site Photos

Viewing Direction: Northwest	**Viewing Direction**: Southeast
	
Spill area around well head	Spill area inside tank containment
Viewing Direction:	**Viewing Direction**:
	
Standing fluids inside tank containment	Standing fluids inside tank containment

Daily Site Visit Report

Viewing Direction:	**Viewing Direction**: East
	
Standing fluids inside tank containment	Instructions to hand dig inside containment

Daily Site Visit Report

Depth Sample Photos

Sample Point ID: BH19-01



Depth: 2ft.

Sample Point ID: BH19-02



Depth: 2ft.

Sample Point ID: TP19-03



Depth: 2ft.

Sample Point ID: BH19-04



Depth: 2ft.

Daily Site Visit Report

Sample Point ID: BH19-05	**Sample Point ID**: BH19-06
	
Depth: 0ft.	**Depth:** 2ft.
Sample Point ID: TP19-07	**Sample Point ID**: TP19-08
	
Depth: 4ft.	**Depth:** 4ft.

Daily Site Visit Report

Sample Point ID: TP19-09



Depth: 4ft.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Jason Crabtree

Signature: 

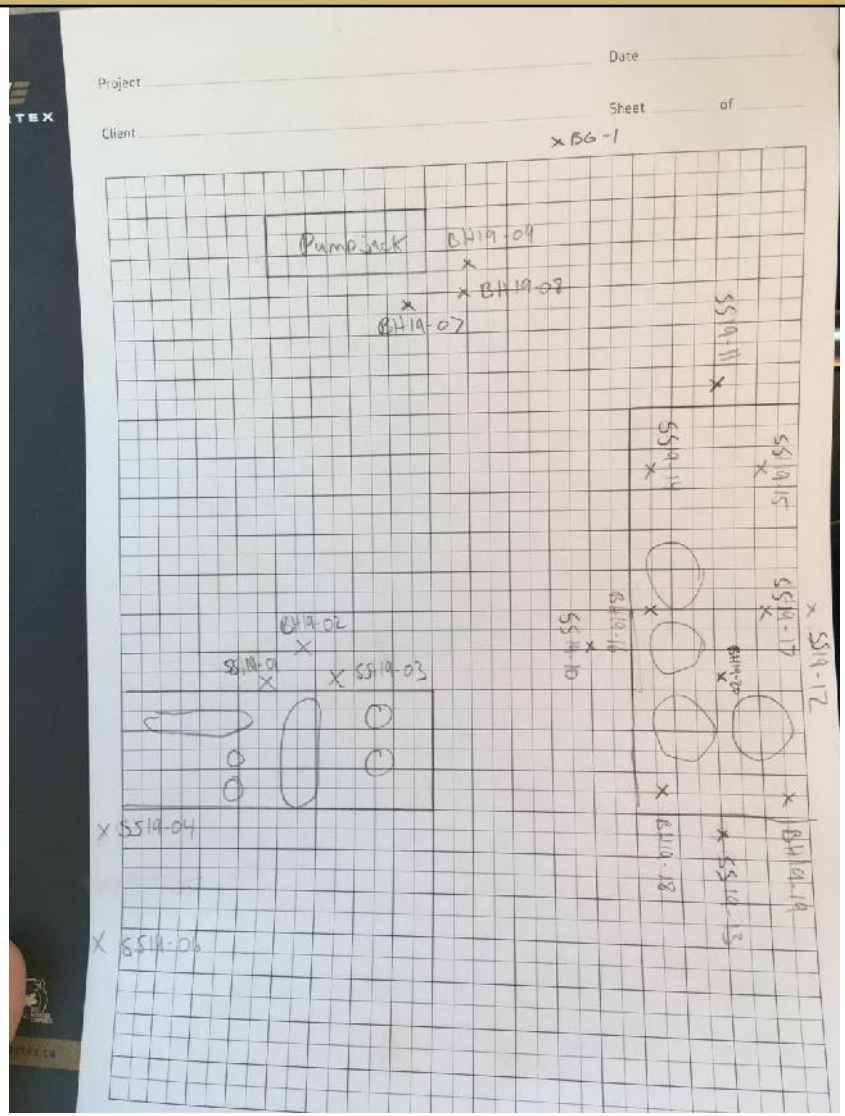
Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	7/24/2019
Site Location Name:	North Pure Gold 9 Fed 1H	Report Run Date:	8/5/2019 8:46 PM
Project Owner:	Amanda Davis	File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	30-015-27178
Client Contact Name:	Amanda Davis	Reference	Historic Spills
Client Contact Phone #:	(575) 748-0176		

Summary of Times	
Left Office	7/24/2019 7:45 AM
Arrived at Site	7/24/2019 8:39 AM
Departed Site	7/24/2019 7:23 PM
Returned to Office	7/24/2019 8:30 PM

Daily Site Visit Report

Site Sketch



Daily Site Visit Report

Summary of Daily Operations

10:54 Fill out arrival and safety forms
Tailgate safety meeting
Drill boreholes
Field screen and collect samples
Take pictures
Fill out DFR
Return to office

Next Steps & Recommendations

1 Ship samples

Sampling

Background19-01

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0 ppm		High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	32.31289798, -103.78480023	Yes
2 ft.	0 ppm		High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes

BH19-02

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0.2 ppm	2002 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	32.31234799, -103.78504484	Yes

Daily Site Visit Report

2 ft.	0 ppm	92 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

BH19-07

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	5.2 ppm	106 ppm	High (300-6000ppm)	3120 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31260420, -103.78497668	Yes
2 ft.	0 ppm	177 ppm	High (300-6000ppm)	1679 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

BH19-08

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	3.1 ppm	1646 ppm	High (300-6000ppm)	1679 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.312589804, -103.78490309	Yes
2 ft.	0 ppm	107 ppm	High (300-6000ppm)	1212 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

BH19-09

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0.9 ppm	351 ppm	High (300-6000ppm)	314 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31264502, -103.78489604	Yes

Daily Site Visit Report

	2 ft.	0 ppm	94 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

BH19-16

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	1458 ppm	24610 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31239502, -103.78465406	Yes
2 ft.	1710 ppm	25610 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes
4 ft.	337 ppm	14920 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

BH19-18

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	1652 ppm	16790 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31228304, -103.78464965	Yes
2 ft.	199 ppm	15310 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes
4 ft.	209 ppm	15470 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

Daily Site Visit Report

6 ft.	124 ppm	14870 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
8 ft.	212 ppm	18270 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
10 ft.	197 ppm	21050 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
12 ft.	241 ppm	20980 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
14 ft.	209 ppm	20060 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
16 ft.	200 ppm	18650 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
18 ft.	222 ppm	18940 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
20 ft.	4.7 ppm	730 ppm	High (300-6000ppm)	622 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes
22 ft.	2.3 ppm	558 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)	✓	,	Yes

Daily Site Visit Report

BH19-19

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	512 ppm	26000 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31230266, -103.78452152	Yes
2 ft.	398.2 ppm	20710 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes
4 ft.	120 ppm	17820 ppm	High (300-6000ppm)	4775 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes
6 ft.	22.3 ppm	500 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

BH19-20

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	891 ppm	21460 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31236661, -103.78458706	Yes
2 ft.	799 ppm	20540 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes
4 ft.	769 ppm	17770 ppm	High (300-6000ppm)	6143 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

Daily Site Visit Report

	6 ft.	512 ppm	469 ppm	High (300-6000ppm)	519 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		,	Yes

SS19-01

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0.7 ppm	1871 ppm	High (300-6000ppm)	314 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31234057, -103.78510568	Yes

SS19-03

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0.1 ppm	1408 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31237867, -103.78508475	Yes

SS19-04

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0.9 ppm	2181 ppm	High (300-6000ppm)	2584 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31224441, -103.78527409	Yes

SS19-06

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	2.1 ppm	701 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31208265, -103.78537694	Yes

Daily Site Visit Report

SS19-10

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0 ppm	87 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31241624, -103.78471199	Yes

SS19-11

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	0.2 ppm	63 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31255788, -103.78461560	Yes

SS19-12

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	1.1 ppm	99 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31240706, -103.78447305	Yes

SS19-13

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	1.7 ppm	131 ppm	High (300-6000ppm)	314 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31225989, -103.78459375	Yes

Daily Site Visit Report

SS19-14

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	3.6 ppm	2279 ppm	High (300-6000ppm)	274 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31249555, -103.78463563	Yes

SS19-15

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	2.1 ppm	1987 ppm	High (300-6000ppm)	314 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31250244, -103.78454630	Yes

SS19-17

Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
0 ft.	10.4 ppm	1143 ppm	High (300-6000ppm)	1030 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M)		32.31240271, -103.78464965	Yes

Daily Site Visit Report

Depth Sample Photos

Sample Point ID: BH19-02



Depth: 0 ft.

Sample Point ID: BH19-07



Depth: 0 ft.

Sample Point ID: BH19-08



Depth: 0 ft.

Sample Point ID: BH19-09



Depth: 0 ft.

Daily Site Visit Report

Sample Point ID: BH19-19	**Sample Point ID**: BH19-18
	
Depth: 0 ft.	**Depth:** 0 ft.

Sample Point ID: BH19-16	**Sample Point ID**: Background19-01
	
Depth: 0 ft.	**Depth:** 0 ft.

Daily Site Visit Report

Sample Point ID: BH19-20	**Sample Point ID**: SS19-17
	
Depth: 0 ft.	**Depth:** 0 ft.
Sample Point ID: SS19-15	**Sample Point ID**: SS19-14
	
Depth: 0 ft.	**Depth:** 0 ft.

Daily Site Visit Report

Sample Point ID: SS19-13	**Sample Point ID**: SS19-12
	
Depth: 0 ft.	**Depth:** 0 ft.
Sample Point ID: SS19-11	**Sample Point ID**: SS19-10
	
Depth: 0 ft.	**Depth:** 0 ft.

Daily Site Visit Report

Sample Point ID: SS19-06



Depth: 0 ft.

Sample Point ID: SS19-04



Depth: 0 ft.

Sample Point ID: SS19-03



Depth: 0 ft.

Sample Point ID: SS19-01



Depth: 0 ft.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Jason Crabtree

Signature: 

Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	4/9/2020
Site Location Name:	North Pure Gold 9 Fed 1H	Report Run Date:	4/10/2020 12:01 AM
Project Owner:	Amanda Davis	File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	30-015-27178
Client Contact Name:	Amanda Davis	Reference	Historic Spills
Client Contact Phone #:	(575) 748-0176		

Summary of Times

Left Office	4/9/2020 9:45 AM
Arrived at Site	4/9/2020 10:28 AM
Departed Site	4/9/2020 4:44 PM
Returned to Office	

Summary of Daily Operations

10:28 Complete hand excavation. Take confirmation samples of pasture area

16:36 Pasture excavation was at depth of 1 ft no signs of staining or odor

Next Steps & Recommendations

1 Send samples to lab for analysis

2 Start closure report

Daily Site Visit Report

Site Photos

Viewing Direction: East



Area hand excavated on pad in front of heater

Viewing Direction: North



Area of hand excavation under piping on south side of location

Viewing Direction: South



Pasture area where excavation occurred

Viewing Direction: Southwest



Pasture area where excavation occurred

Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: North
	
Area of excavation in pasture	Pasture excavation

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Monica Peppin

Signature:

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	North Pure Gold 9 Fed 1H	API #:	30-015-27178
Inspection Date:	8/31/2025		

Summary of Times

Arrived at Site	8/31/2025 7:33 AM
Departed Site	8/31/2025 4:40 PM

Field Notes

7:35 Completed JSA at previous location and updated on arrival. On site to complete delineation of historical excavation off southwest edge of pad that exceeds reclamation closure criteria.

7:50 Swept historical excavation and surrounding area with magnetic locator prior to ground disturbance.

16:37 Advanced boreholes BH25-28 BH25-29, BH25-30, and BH25-33 to 2 feet bgs for horizontal delineation. Samples were collected at 0, 1, and 2 feet from each borehole.

16:37 Advanced boreholes BH25-31 and BH25-32 to 8 feet bgs for vertical delineation. Samples were collected at 0, 1, 2, 3, 4, 5, 6, 7, and 8 feet from each borehole.

16:38 Field screening results for horizontal boreholes were below strictest criteria for TPH and chloride.

16:39 Delineation completed pending laboratory results.

Next Steps & Recommendations

1 Submit samples to laboratory for analyses.

Daily Site Visit Report

Site Photos

Viewing Direction: Northeast	**Viewing Direction**: West
	
At pad entrance facing northeast.	South of production equipment facing west. Advanced BH25-28 immediately east of potential staining.

Daily Site Visit Report

Viewing Direction: Northwest



South of production equipment facing northwest. Advanced BH25-29 east-northeast of BH25-20.

Viewing Direction: North



South of production equipment facing north. Advanced BH25-30 southeast of BH25-20.

Viewing Direction: North



Southwest of production equipment facing north. Advanced BH25-31 inside planned remediation area for vertical delineation.

Viewing Direction: North



South of pad facing north. Advanced BH25-32 inside planned remediation area for vertical delineation.

Daily Site Visit Report

Viewing Direction: Southeast



West of production equipment facing southeast. Advanced BH25-33 north of BH24-24.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Lakin Pullman

Signature: 

Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	
Site Location Name:	North Pure Gold 9 Fed 1H	API #:	30-015-27178
Inspection Date:	1/10/2026		

Summary of Times

Arrived at Site	1/10/2026 6:54 AM
Departed Site	1/10/2026 4:15 PM

Field Notes

7:09 Completed JSA on arrival. On site to mark areas for additional excavation. Also on site to collect confirmation samples from completed portions of excavation.

7:21 Swept excavation surfaces with magnetic locator prior to sample collection.

8:57 Refreshed proposed excavation markings for portions of excavation not yet completed. Refreshed excavation markings for north and south excavations to 1’ and excavation to 4.1’. Refreshed horizontal boundaries for former west excavation to 2’ and planned additional excavation to 2.5’ bgs per field screening results.

15:56 Collected confirmation samples from surfaces of completed excavations of pad and west/ south of production equipment. Confirmation samples collected from the excavation base and walls were 5-point composites representing areas no greater than 200 square feet

15:59 Collected base and wall samples BS26-01, BS26-02, WS26-01, and WS26-02 from east excavation to 1’ bgs.

16:02 Collected base and wall samples BS26-03, BS26-04, BS26-05, WS26-03, WS26-04, and WS26-05 from east excavation to to 2’ bgs.

16:04 Collected base and wall samples BS26-06, BS26-07, and WS26-06 from excavation to 0.5’ bgs.

16:06 Excavation to 4.1 bgs not completed on south end. Collected base and wall samples BS26-11 and WS26-10 from current excavation to 4.1 bgs.

16:08 Field screening results for confirmation samples on pad were within closure criteria for depth to groundwater between 51 and 100 feet bgs.

16:09 Field screening results for confirmation samples in pasture were below NMOCD strictest criteria.

Daily Site Visit Report

Next Steps & Recommendations

1. Submit soil samples to laboratory for analyses.
2. Complete excavation and collect remaining confirmation samples.

Daily Site Visit Report

Site Photos

Viewing Direction: North



South of pump jack facing north.

Viewing Direction: North



Southwest of production equipment facing north. Refreshed excavation markings.

Viewing Direction: East



Southwest of production equipment facing east. Refreshed excavation markings.

Viewing Direction: West



West of production equipment facing west. Refreshed excavation markings.

Daily Site Visit Report

Viewing Direction: East



West of production equipment facing east. Refreshed excavation markings.

Viewing Direction: West



South of production equipment facing west. Collected confirmation samples from east excavation to 1’ bgs.

Viewing Direction: Northeast



Southwest of production equipment facing northeast. Collected confirmation samples from east excavation to 1’ bgs.

Viewing Direction: North



Southwest of production equipment facing north. Collected confirmation samples from east excavation to 2’ bgs.

Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: West
	
West of production equipment facing south. Collected confirmation samples from east excavation to 2’ bgs.	West of production equipment facing west. Collected confirmation samples from excavation to 0.5’ bgs.
Viewing Direction: Northwest	**Viewing Direction**: East
	
West of production equipment facing northwest. Collected confirmation samples from excavation to 0.5’ bgs.	West of production equipment facing east. Collected confirmation samples from excavation to 0.5’ bgs.

Daily Site Visit Report

Viewing Direction: Northwest	**Viewing Direction**: North
	
Southwest of production equipment facing northwest. Collected confirmation samples from excavation to 4’ bgs.	Southwest of production equipment facing north. Collected confirmation samples from excavation to 4’ bgs.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	Pasture
Site Location Name:	North Pure Gold 9 Fed 1H	API #:	30-015-27178
Inspection Date:	1/14/2026		

Summary of Times

Arrived at Site	1/14/2026 6:40 AM
Departed Site	1/14/2026 12:29 PM

Field Notes

6:57 Completed JSA on arrival. On site to finalize excavation map and collect remaining confirmation samples.

7:46 Swept excavation surfaces with magnetic locator prior to ground disturbance. Updated final excavation boundaries in ArcGIS using Juniper Geode gps. Updated base and wall sampling point locations for current confirmation sampling event.

11:39 Collected confirmation samples from surfaces of excavation of pad west of production equipment and pasture south and southwest of production equipment. Confirmation samples collected from the excavation base and walls were 5-point composites representing areas no greater than 200 square feet.

11:32 Collected confirmation base and wall samples BS26-08 and WS26-07 from surfaces of excavation to 2.5 feet bgs.

11:36 Collected confirmation base and wall samples BS26-09, BS26-10, WS26-08, and WS26-09 from surfaces of west excavation to 1 feet bgs.

11:36 Collected confirmation base and wall samples BS26-12, BS26-16, and WS26-11 from surfaces of excavation to 4.1 feet bgs.

11:38 Collected confirmation base and wall samples BS26-13, BS26-14, BS26-15, and WS26-12 from surfaces of excavation to 1.5 feet bgs.

11:45 Collected retro-active confirmation base sample BS26-17 from remaining historical excavation to 1’ bgs. A hand auger was used to advance 5 boreholes to the relative depth of 1’ bgs between the new excavation to 1.5’ bgs and the lease road. Samples were collected from the base of each borehole and combined to mix a 5-point composite. Composite confirmation sample BS26-17 represented an area no greater than 200 square feet.

12:08 Field screening results for WS26-08 were within closure criteria. Field screening results for all other samples were below NMOCD strictest criteria.

Daily Site Visit Report

Next Steps & Recommendations

1 Submit samples to laboratory for analyses.

Daily Site Visit Report

Site Photos

Viewing Direction: North



South of pump jack facing north.

Viewing Direction: East



West of production equipment facing east over excavation to 0.5 feet bgs.

Viewing Direction: East



West of production equipment facing east over excavations to 0.5, 1, and 2.5 feet bgs.

Viewing Direction: West



West of production equipment facing west over excavations to 0.5, 1, 2, and 2.5 feet bgs.

Daily Site Visit Report

Viewing Direction: West	**Viewing Direction**: Southwest
	
West of production equipment facing west over excavations to 0.5, 1, 2, and 2.5 feet bgs.	West of production equipment facing southwest over excavations to 0.5, 1, 2, and 4.1 feet bgs.

Viewing Direction: South	**Viewing Direction**: Southeast
	
West of production equipment facing south over east excavation to 1’ bgs.	West of production equipment facing southwest over east excavation to 1’ bgs.

Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: South
	
West of production equipment facing south over excavations to 0.5, 1, 2, and 4.1 feet bgs.	West of production equipment facing south over excavations to 0.5, 1, 2, and 4.1 feet bgs.
Viewing Direction: Southeast	**Viewing Direction**: West
	
West of production equipment facing southeast over excavations to 0.5, 1, 2, and 4.1 feet bgs.	West of production equipment facing west over excavations to 0.5, 1, and 2.5 feet bgs.

Daily Site Visit Report

Viewing Direction: East



West of production equipment facing east over excavations to 0.5, 1, and 2.5 feet bgs.

Viewing Direction: Northwest



Southwest of production equipment facing northwest over excavations to 0.5, 1, and 2 feet bgs.

Viewing Direction: West



Southwest of production equipment facing west over excavations to 1, 2, and 4.1 feet bgs.

Viewing Direction: Southwest



Southwest of production equipment facing southwest over excavations to 1.5, 2, and 4.1 feet bgs.

Daily Site Visit Report

Viewing Direction: North	**Viewing Direction**: Northeast
	
Southwest of production equipment facing north over excavations to 0.5, 1, and 2.5 feet bgs.	Southwest of production equipment facing northeast over excavations to 0.5, 1, 2, and 4.1 feet bgs.
Viewing Direction: East	**Viewing Direction**: Southeast
	
Southwest of production equipment facing east over excavations to 0.5, 1, 2, and 4.1 feet bgs.	Southwest of production equipment facing southeast over excavations to 1.5, 2, and 4.1 feet bgs.

Daily Site Visit Report

Viewing Direction: South	**Viewing Direction**: Northeast
	
West-Southwest of production equipment facing south over excavations to 1.5, 2, and 4.1 feet bgs.	Southwest of production equipment facing northeast over excavations to 0.5, 1, 2, and 4.1 feet bgs.
Viewing Direction: North	**Viewing Direction**: Northwest
	
Southwest of production equipment facing north over excavations to 0.5, 1, 2, and 4.1 feet bgs.	Southwest of production equipment facing northwest over excavations to 1, 2, and 4.1 feet bgs.

Daily Site Visit Report

Viewing Direction: South



Southwest of production equipment facing south over excavations to 1.5 and 4.1 feet bgs.

Viewing Direction: Southwest



Southwest of production equipment facing southwest over excavations to 1.5 and 4.1 feet bgs.

Viewing Direction: Southwest



Southwest of production equipment facing southwest over excavations to 1.5 and 4.1 feet bgs.

Viewing Direction: West



South of production equipment facing west over east excavation to 1 feet bgs.

Daily Site Visit Report

Viewing Direction: Northwest	**Viewing Direction**: Northeast
	
South of production equipment facing northwest over east excavation to 1 feet bgs.	Southwest of production equipment facing northeast over east excavation to 1 feet bgs.
Viewing Direction: Southwest	**Viewing Direction**: Southeast
	
Southwest of production equipment facing southwest over excavation to 1.5 feet bgs.	Southwest of production equipment facing southeast over excavation to 1.5 feet bgs.

Daily Site Visit Report

Viewing Direction: Northeast	**Viewing Direction**: North
	
Southwest of production equipment facing northeast over excavation to 1.5 feet bgs.	Southwest of production equipment facing north over excavation to 1.5 feet bgs.
Viewing Direction: Northwest	**Viewing Direction**: Northeast
	
Southwest of production equipment facing northwest over historical excavation to 1’ bgs. Advanced boreholes to 1’ bgs for sample collection.	Southwest of production equipment facing northeast over historical excavation to 1’ bgs. Advanced boreholes to 1’ bgs for sample collection.

Daily Site Visit Report

Viewing Direction: Northeast

Southwest of production equipment facing northeast over historical excavation to 1’ bgs. Advanced boreholes to 1’ bgs for sample collection.

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:



VERTEX

Daily Field Log

Site: North Pure Gold 9 Federal 1

02/03/2026

Location: Default Site Location

By: Sharon Minnix

Weather	Clear|Chilly	Contractor	
Staff On-site	Sharon Minnix	Contractor Crew	
Staff From Time	09:50	Equipment On Site	
Tailgate meeting conducted	NA	Incident ID Number	NJMW1321055692

Work Summary:

On site to collect site photos of the excavation that has been backfilled.

Time	Observations
09:51:11	On site to conduct site images of the excavation that has been backfilled in the pasture.
09:51:35	Safety paperwork has been filled out
09:57:01	Area has been properly backfilled and matches contour

Inspector: Sharon Minnix

Pictures/Attachments

Date: 2/3/2026
Time: 09:53
Notes: Site view of area with backfill
Latitude: 32.312305555555554
Longitude: -103.78519444444444
Direction: NW



Powered by QNOPY

VERTEX

Daily Field Log

Site: North Pure Gold 9 Federal 1

Pictures/Attachments

Date: 2/3/2026 Time: 09:54 Notes: Site view of area with backfill Latitude: 32.31229722222222 Longitude: -103.78498055555555 Direction: N	
Date: 2/3/2026 Time: 09:54 Notes: Site view of area with backfill Latitude: 32.31228888888889 Longitude: -103.78500277777778 Direction: NW	

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VERTEX

Daily Field Log

Site: North Pure Gold 9 Federal 1

Pictures/Attachments

Date: 2/3/2026 Time: 09:55 Notes: Site view of area with backfill Latitude: 32.31228333333333 Longitude: -103.78502777777777 Direction: W	
Date: 2/3/2026 Time: 09:55 Notes: Site view of area with backfill Latitude: 32.312013888888885 Longitude: -103.78545277777778 Direction: W	

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VERTEX

Daily Field Log

Site: North Pure Gold 9 Federal 1

Pictures/Attachments

Date:	2/3/2026
Time:	09:56
Notes:	Site view of area with backfill
Latitude:	32.312013888888885
Longitude:	-103.78548611111111
Direction:	W



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APPENDIX D – Laboratory Data Reports and Chain of Custody Forms

Analytical Report

Report Summary

Client: Devon Energy - Carlsbad

Samples Received: 5/14/2019
Job Number: 19031-0001
Work Order: P905047
Project Name/Location: North Pure Gold 9 Fed #1

Report Reviewed By: Walter Hinchman, Laboratory Director

Date: 5/20/19

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

5796 Highway 64, Farmington, NM 87401
Ph (505) 632-0615 Fx (505) 632-1865
envirotech-inc.com
24 Hour Emergency Response Phone (800) 362-1879
Labadmin@envirotech-inc.com

Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH19-01 2'	P905047-01A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
BH19-02 2'	P905047-02A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-03 2'	P905047-03A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
BH19-04 2'	P905047-04A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
BH19-05 0'	P905047-05A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
BH19-06 2'	P905047-06A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-07 4'	P905047-07A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-08 4'	P905047-08A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-09 4'	P905047-09A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-10 1'	P905047-10A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-11 1'	P905047-11A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-12 1'	P905047-12A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-13 1'	P905047-13A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-14 2'	P905047-14A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-15 2'	P905047-15A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-16 6'	P905047-16A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-17 2'	P905047-17A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-18 8'	P905047-18A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.
TP19-19 8'	P905047-19A	Soil	05/12/19	05/14/19	Glass Jar, 4 oz.

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

BH19-01 2'

P905047-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*93.3 %*		*50-200*	*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

BH19-02 2'

P905047-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	**2030**	125	mg/kg	5	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	**1140**	250	mg/kg	5	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*119 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-03 2'

P905047-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	**27.8**	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*98.1 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

BH19-04 2'

P905047-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*50-150*		*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	**65.5**	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*50-150*		*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*100 %*	*50-200*		*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

BH19-05 0'

P905047-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*99.2 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

BH19-06 2'

P905047-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*94.9 %*		*50-200*	*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**78.6**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-07 4'

P905047-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*111 %*		*50-200*	*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**86.9**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-08 4'

P905047-08 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*95.7 %*		*50-200*	*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**202**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-09 4'

P905047-09 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*99.3 %*		*50-200*	*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-10 1'

P905047-10 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/17/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*		*50-150*	*1920021*	*05/14/19*	*05/17/19*	*EPA 8015D*	
Surrogate: n-Nonane		*93.3 %*		*50-200*	*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-11 1'

P905047-11 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*50-150*		*1920021*	*05/14/19*	*05/18/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/14/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*50-150*		*1920021*	*05/14/19*	*05/18/19*	*EPA 8015D*	
Surrogate: n-Nonane		*91.1 %*	*50-200*		*1920020*	*05/14/19*	*05/14/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-12 1'

P905047-12 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8015D*	
Surrogate: n-Nonane		*99.2 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-13 1'

P905047-13 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8015D*	
Surrogate: n-Nonane		*103 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-14 2'

P905047-14 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8015D*	
Surrogate: n-Nonane		*99.1 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**3100**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-15 2'

P905047-15 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8015D*	
Surrogate: n-Nonane		*94.0 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-16 6'

P905047-16 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Toluene	**0.0324**	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Ethylbenzene	**0.148**	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
p,m-Xylene	**0.611**	0.0500	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
o-Xylene	**0.221**	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Total Xylenes	**0.832**	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	**216**	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8015D*	
Surrogate: n-Nonane		*99.6 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**32.3**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-17 2'

P905047-17 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Ethylbenzene	**0.123**	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
p,m-Xylene	**0.505**	0.0500	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
o-Xylene	**0.104**	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Total Xylenes	**0.610**	0.0250	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	**22.2**	20.0	mg/kg	1	1920021	05/14/19	05/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	**926**	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	**199**	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*		*50-150*	*1920021*	*05/14/19*	*05/18/19*	*EPA 8015D*	
Surrogate: n-Nonane		*101 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**144**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-18 8'

P905047-18 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	**2.20**	0.250	mg/kg	10	1920021	05/14/19	05/20/19	EPA 8021B	
Toluene	**32.5**	0.250	mg/kg	10	1920021	05/14/19	05/20/19	EPA 8021B	
Ethylbenzene	**14.3**	0.250	mg/kg	10	1920021	05/14/19	05/20/19	EPA 8021B	
p,m-Xylene	**62.6**	0.500	mg/kg	10	1920021	05/14/19	05/20/19	EPA 8021B	
o-Xylene	**19.3**	0.250	mg/kg	10	1920021	05/14/19	05/20/19	EPA 8021B	
Total Xylenes	**81.9**	0.250	mg/kg	10	1920021	05/14/19	05/20/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*		*50-150*	*1920021*	*05/14/19*	*05/20/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	**1270**	200	mg/kg	10	1920021	05/14/19	05/20/19	EPA 8015D	
Diesel Range Organics (C10-C28)	**14800**	250	mg/kg	10	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	**2430**	500	mg/kg	10	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*		*50-150*	*1920021*	*05/14/19*	*05/20/19*	*EPA 8015D*	
Surrogate: n-Nonane		*472 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	*Surr2*
Anions by 300.0/9056A									
Chloride	**1170**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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envirotech Analytical Laboratory

Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

TP19-19 8'

P905047-19 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/20/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1920021	05/14/19	05/20/19	EPA 8021B	
Ethylbenzene	**0.134**	0.0250	mg/kg	1	1920021	05/14/19	05/20/19	EPA 8021B	
p,m-Xylene	**0.0622**	0.0500	mg/kg	1	1920021	05/14/19	05/20/19	EPA 8021B	
o-Xylene	**0.0383**	0.0250	mg/kg	1	1920021	05/14/19	05/20/19	EPA 8021B	
Total Xylenes	**0.100**	0.0250	mg/kg	1	1920021	05/14/19	05/20/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*		*50-150*	*1920021*	*05/14/19*	*05/20/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1920021	05/14/19	05/20/19	EPA 8015D	
Diesel Range Organics (C10-C28)	**1210**	25.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	**294**	50.0	mg/kg	1	1920020	05/14/19	05/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*		*50-150*	*1920021*	*05/14/19*	*05/20/19*	*EPA 8015D*	
Surrogate: n-Nonane		*120 %*		*50-200*	*1920020*	*05/14/19*	*05/15/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**259**	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	

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envirotech Analytical Laboratory

Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1920021 - Purge and Trap EPA 5030A										
Blank (1920021-BLK1)				Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*8.24*		"	*8.00*		*103*	*50-150*			
LCS (1920021-BS1)				Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Benzene	4.53	0.0250	mg/kg	5.00		90.7	70-130			
Toluene	4.93	0.0250	"	5.00		98.7	70-130			
Ethylbenzene	4.93	0.0250	"	5.00		98.6	70-130			
p,m-Xylene	10.2	0.0500	"	10.0		102	70-130			
o-Xylene	4.97	0.0250	"	5.00		99.3	70-130			
Total Xylenes	15.2	0.0250	"	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.23*		"	*8.00*		*103*	*50-150*			
Matrix Spike (1920021-MS1)		**Source: P905047-01**		Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Benzene	4.18	0.0250	mg/kg	5.00	ND	83.5	54.3-133			
Toluene	4.55	0.0250	"	5.00	ND	91.0	61.4-130			
Ethylbenzene	4.55	0.0250	"	5.00	ND	91.0	61.4-133			
p,m-Xylene	9.42	0.0500	"	10.0	ND	94.2	63.3-131			
o-Xylene	4.58	0.0250	"	5.00	ND	91.6	63.3-131			
Total Xylenes	14.0	0.0250	"	15.0	ND	93.3	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		"	*8.00*		*101*	*50-150*			
Matrix Spike Dup (1920021-MSD1)		**Source: P905047-01**		Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Benzene	4.36	0.0250	mg/kg	5.00	ND	87.3	54.3-133	4.37	20	
Toluene	4.75	0.0250	"	5.00	ND	95.1	61.4-130	4.38	20	
Ethylbenzene	4.76	0.0250	"	5.00	ND	95.3	61.4-133	4.63	20	
p,m-Xylene	9.85	0.0500	"	10.0	ND	98.5	63.3-131	4.49	20	
o-Xylene	4.79	0.0250	"	5.00	ND	95.8	63.3-131	4.48	20	
Total Xylenes	14.6	0.0250	"	15.0	ND	97.6	63.3-131	4.49	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.17*		"	*8.00*		*102*	*50-150*			

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1920020 - DRO Extraction EPA 3570										
Blank (1920020-BLK1)				Prepared & Analyzed: 05/14/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*47.3*		*"*	*50.0*		*94.7*	*50-200*			
LCS (1920020-BS1)				Prepared & Analyzed: 05/14/19 1						
Diesel Range Organics (C10-C28)	461	25.0	mg/kg	500		92.2	38-132			
Surrogate: n-Nonane	*46.9*		*"*	*50.0*		*93.8*	*50-200*			
Matrix Spike (1920020-MS1)	**Source: P905047-01**			Prepared & Analyzed: 05/14/19 1						
Diesel Range Organics (C10-C28)	492	25.0	mg/kg	500	ND	98.3	38-132			
Surrogate: n-Nonane	*48.5*		*"*	*50.0*		*97.1*	*50-200*			
Matrix Spike Dup (1920020-MSD1)	**Source: P905047-01**			Prepared: 05/14/19 1 Analyzed: 05/15/19 1						
Diesel Range Organics (C10-C28)	443	25.0	mg/kg	500	ND	88.5	38-132	10.5	20	
Surrogate: n-Nonane	*45.9*		*"*	*50.0*		*91.8*	*50-200*			

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1920021 - Purge and Trap EPA 5030A										
Blank (1920021-BLK1)				Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*"*	*8.00*		*92.1*	*50-150*			
LCS (1920021-BS2)				Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Gasoline Range Organics (C6-C10)	51.8	20.0	mg/kg	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*"*	*8.00*		*93.8*	*50-150*			
Matrix Spike (1920021-MS2)		**Source: P905047-01**		Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Gasoline Range Organics (C6-C10)	49.0	20.0	mg/kg	50.0	ND	97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*"*	*8.00*		*93.8*	*50-150*			
Matrix Spike Dup (1920021-MSD2)		**Source: P905047-01**		Prepared: 05/14/19 1 Analyzed: 05/17/19 1						
Gasoline Range Organics (C6-C10)	47.4	20.0	mg/kg	50.0	ND	94.7	70-130	3.35	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*"*	*8.00*		*93.7*	*50-150*			

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1920026 - Anion Extraction EPA 300.0/9056A										
Blank (1920026-BLK1)				Prepared: 05/15/19 0 Analyzed: 05/15/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1920026-BS1)				Prepared: 05/15/19 0 Analyzed: 05/15/19 1						
Chloride	251	20.0	mg/kg	250		100	90-110			
Matrix Spike (1920026-MS1)	**Source: P905047-01**			Prepared: 05/15/19 0 Analyzed: 05/15/19 1						
Chloride	272	20.0	mg/kg	250	ND	109	80-120			
Matrix Spike Dup (1920026-MSD1)	**Source: P905047-01**			Prepared: 05/15/19 0 Analyzed: 05/15/19 1						
Chloride	273	20.0	mg/kg	250	ND	109	80-120	0.400	20	

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Devon Energy - Carlsbad	Project Name:	North Pure Gold 9 Fed #1	
6488 7 Rivers Hwy	Project Number:	19031-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Amanda Davis	05/20/19 16:04

Notes and Definitions

Surr2	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

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Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Project Information — Chain of Custody — Page 1 of 2

Pure Gold 9 Fed #1

Client: Devon Energy
Project: ~~Carlsbad Field Office~~
Project Manager: Amanda Davis
Address: 6488 7 Rivers Highway
City, State, Zip Artesia, NM, 88210
Phone: 575 748 0176
Email: amanda.davis@dvn.com

Report Attention
Report due by: 7 days
Attention: Dennis Williams
Address: 213 S Mesa St
City, State, Zip Carlsbad, NM, 88220
Phone: 575-361-1137
Email: dwilliams@vertex.ca
Permian@vertex.ca

Lab Use Only
Lab WO# P905047
Job Number 19031-0001

TAT: 1D, 3D

EPA Program: RCRA, CWA, SDWA

State: NM ✓, CO, UT, AZ

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0; TPH 418.1

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	Remarks
1:05 PM	05-12-2019	Soil		BH19-01 2'	1	✓	✓	✓			✓		
1:15 PM	05-12-2019	Soil		BH19-02 2'	2	✓	✓	✓			✓		
1:25 PM	05-12-2019	Soil		TP19-03 2'	3	✓	✓	✓			✓		
1:35 PM	05-12-2019	Soil		BH19-04 2'	4	✓	✓	✓			✓		
1:45 PM	05-12-2019	Soil		BH19-05 0'	5	✓	✓	✓			✓		
1:55 PM	05-12-2019	Soil		BH19-06 2'	6	✓	✓	✓			✓		
2:05 PM	05-12-2019	Soil		TP19-07 4'	7	✓	✓	✓			✓		
2:15 PM	05-12-2019	Soil		TP19-08 4'	8	✓	✓	✓			✓		
2:25 PM	05-12-2019	Soil		TP19-09 4'	9	✓	✓	✓			✓		
2:35 PM	05-12-2019	Soil		TP19-10 1'	10	✓	✓	✓			✓		

Additional Instructions: Bill Vertex - Per Client 5/14/19

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jason Crabtree

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	5-12-2019	4:00 PM		5-12-2019	4:00 PM
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
FedEx 5/13/19	5-13-19	12:15	Courtney Stovall / Jessica Gallegos 5/14/19	5-13-19	12:15

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

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Released to Imaging: 5/14/2020 3:49:51 PM

Client:	Devon Energy
Project:	North Pure gold 9 Fed #1
Project Manager:	Amanda Davis
Address:	6488 7 Rivers Hwy
City, State, Zip	Artesia, NM, 88210
Phone:	575 748-0176
Email:	amanda.davis@dvn.com

Report Attention

Report due by:	7 days
Attention:	Dennis Williams
Address:	213 S mesa st
City, State, Zip	Carlsbad, NM, 88220
Phone:	575 361-1537
Email:	dwilliams@vertex.ca
	permian@vertex.ca

Lab Use Only

Lab WO# P905047 | Job Number 19031-0001

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM ✓ | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	Remarks
11:35 AM	05-12 2019	Soil		TP19-11 1'	11	✓	✓	✓			✓		
11:45 AM	05-12 2019	Soil		TP19-12 1'	12	✓	✓	✓			✓		
11:55 AM	05-12 2019	Soil		TP19-13 1'	13	✓	✓	✓			✓		
12:05 PM	05-12 2019	Soil		TP19-14 2'	14	✓	✓	✓			✓		
12:15 PM	05-12 2019	Soil		TP19-15 2'	15	✓	✓	✓			✓		
12:25 PM	05-12 2019	Soil		TP19-16 6'	16	✓	✓	✓			✓		
12:35 PM	05-12 2019	Soil		TP19-17 2'	17	✓	✓	✓			✓		
12:45 PM	05-12 2019	Soil		TP19-18 8'	18	✓	✓	✓			✓		
12:55 PM	05-12 2019	Soil		TP19-19 8'	19	✓	✓	✓			✓		

Additional Instructions: Bill Vertex - Perclnt 5/14/19 JAM

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jason Crabtree

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

	Date	Time		Date	Time
Relinquished by: (Signature)	5-12-2019	4:00 PM	Received by: (Signature)	5/12/2019	4:00 PM
Relinquished by: (Signature)	5-13-19	12:15	Received by: (Signature) Courtney Storall	5-13-19	12:15

Lab Use Only
Received on ice: Y / N
T1 ____ T2 ____ T3 ____
AVG Temp °C ____

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other ____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
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labadmin@envirotech-inc.com

Received by OCD: 4/9/2026 10:56:52 AM
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HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

August 05, 2019

Dennis Williams

Devon Energy
6488 Seven Rivers Highway
Artesia, NM 888210
TEL: (575) 748-0176
FAX

RE: North Pure Gold 9 Fed 1 OrderNo.: 1907D74

Dear Dennis Williams:

Hall Environmental Analysis Laboratory received 44 sample(s) on 7/26/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: SS19-01 0'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 9:30:00 AM
Lab ID: 1907D74-001 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	740	95		mg/Kg	10	7/29/2019 7:33:22 PM
Motor Oil Range Organics (MRO)	1200	470		mg/Kg	10	7/29/2019 7:33:22 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/29/2019 7:33:22 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	46	D	mg/Kg	10	7/30/2019 11:02:04 PM
Surr: BFB	102	73.8-119	D	%Rec	10	7/30/2019 11:02:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.23	D	mg/Kg	10	7/30/2019 11:02:04 PM
Toluene	1.1	0.46	D	mg/Kg	10	7/30/2019 11:02:04 PM
Ethylbenzene	ND	0.46	D	mg/Kg	10	7/30/2019 11:02:04 PM
Xylenes, Total	2.1	0.92	D	mg/Kg	10	7/30/2019 11:02:04 PM
Surr: 4-Bromofluorobenzene	98.9	80-120	D	%Rec	10	7/30/2019 11:02:04 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/30/2019 10:35:32 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BH19-02 0'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 9:35:00 AM
Lab ID: 1907D74-002 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	650	93		mg/Kg	10	7/29/2019 8:22:11 PM
Motor Oil Range Organics (MRO)	1100	460		mg/Kg	10	7/29/2019 8:22:11 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/29/2019 8:22:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	46	D	mg/Kg	10	7/30/2019 11:25:37 PM
Surr: BFB	105	73.8-119	D	%Rec	10	7/30/2019 11:25:37 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.23	D	mg/Kg	10	7/30/2019 11:25:37 PM
Toluene	0.70	0.46	D	mg/Kg	10	7/30/2019 11:25:37 PM
Ethylbenzene	ND	0.46	D	mg/Kg	10	7/30/2019 11:25:37 PM
Xylenes, Total	1.5	0.92	D	mg/Kg	10	7/30/2019 11:25:37 PM
Surr: 4-Bromofluorobenzene	104	80-120	D	%Rec	10	7/30/2019 11:25:37 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/30/2019 10:47:56 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-003 **Matrix:** SOIL

Client Sample ID: BH19-02 2'
Collection Date: 7/24/2019 9:40:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/29/2019 9:11:17 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2019 9:11:17 PM
Surr: DNOP	100	70-130		%Rec	1	7/29/2019 9:11:17 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/30/2019 11:49:09 PM
Surr: BFB	93.9	73.8-119		%Rec	1	7/30/2019 11:49:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/30/2019 11:49:09 PM
Toluene	ND	0.048		mg/Kg	1	7/30/2019 11:49:09 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/30/2019 11:49:09 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/30/2019 11:49:09 PM
Surr: 4-Bromofluorobenzene	94.3	80-120		%Rec	1	7/30/2019 11:49:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/30/2019 11:00:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-004 **Matrix:** SOIL

Client Sample ID: SS19-03 0'
Collection Date: 7/24/2019 9:45:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/29/2019 9:35:49 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/29/2019 9:35:49 PM
Surr: DNOP	101	70-130		%Rec	1	7/29/2019 9:35:49 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/31/2019 12:12:41 AM
Surr: BFB	93.7	73.8-119		%Rec	1	7/31/2019 12:12:41 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	7/31/2019 12:12:41 AM
Toluene	ND	0.046		mg/Kg	1	7/31/2019 12:12:41 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/31/2019 12:12:41 AM
Xylenes, Total	ND	0.092		mg/Kg	1	7/31/2019 12:12:41 AM
Surr: 4-Bromofluorobenzene	93.5	80-120		%Rec	1	7/31/2019 12:12:41 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/30/2019 11:12:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: SS19-04 0'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 9:50:00 AM
Lab ID: 1907D74-005 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/29/2019 10:00:32 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/29/2019 10:00:32 PM
Surr: DNOP	104	70-130		%Rec	1	7/29/2019 10:00:32 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/31/2019 12:36:12 AM
Surr: BFB	92.1	73.8-119		%Rec	1	7/31/2019 12:36:12 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	7/31/2019 12:36:12 AM
Toluene	ND	0.046		mg/Kg	1	7/31/2019 12:36:12 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/31/2019 12:36:12 AM
Xylenes, Total	ND	0.092		mg/Kg	1	7/31/2019 12:36:12 AM
Surr: 4-Bromofluorobenzene	91.7	80-120		%Rec	1	7/31/2019 12:36:12 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/30/2019 11:25:11 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-006 **Matrix:** SOIL

Client Sample ID: SS19-06 0'
Collection Date: 7/24/2019 9:55:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/29/2019 1:06:50 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/29/2019 1:06:50 PM
Surr: DNOP	89.9	70-130		%Rec	1	7/29/2019 1:06:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/31/2019 12:59:42 AM
Surr: BFB	94.3	73.8-119		%Rec	1	7/31/2019 12:59:42 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/31/2019 12:59:42 AM
Toluene	ND	0.047		mg/Kg	1	7/31/2019 12:59:42 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/31/2019 12:59:42 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/31/2019 12:59:42 AM
Surr: 4-Bromofluorobenzene	94.3	80-120		%Rec	1	7/31/2019 12:59:42 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/30/2019 11:37:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-007 **Matrix:** SOIL

Client Sample ID: BH19-07 0'
Collection Date: 7/24/2019 10:00:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/29/2019 2:13:20 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2019 2:13:20 PM
Surr: DNOP	96.1	70-130		%Rec	1	7/29/2019 2:13:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/31/2019 1:23:18 AM
Surr: BFB	92.9	73.8-119		%Rec	1	7/31/2019 1:23:18 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/31/2019 1:23:18 AM
Toluene	ND	0.047		mg/Kg	1	7/31/2019 1:23:18 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/31/2019 1:23:18 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/31/2019 1:23:18 AM
Surr: 4-Bromofluorobenzene	92.5	80-120		%Rec	1	7/31/2019 1:23:18 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/30/2019 11:50:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BH19-07 2'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 10:05:00 AM
Lab ID: 1907D74-008 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/29/2019 2:35:23 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2019 2:35:23 PM
Surr: DNOP	94.7	70-130		%Rec	1	7/29/2019 2:35:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/31/2019 1:46:55 AM
Surr: BFB	96.9	73.8-119		%Rec	1	7/31/2019 1:46:55 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/31/2019 1:46:55 AM
Toluene	ND	0.048		mg/Kg	1	7/31/2019 1:46:55 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/31/2019 1:46:55 AM
Xylenes, Total	ND	0.095		mg/Kg	1	7/31/2019 1:46:55 AM
Surr: 4-Bromofluorobenzene	96.0	80-120		%Rec	1	7/31/2019 1:46:55 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	170	61		mg/Kg	20	7/31/2019 12:02:24 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-009 **Matrix:** SOIL

Client Sample ID: BH19-08 0'
Collection Date: 7/24/2019 10:10:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/29/2019 3:19:39 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/29/2019 3:19:39 PM
Surr: DNOP	96.6	70-130		%Rec	1	7/29/2019 3:19:39 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/31/2019 2:10:31 AM
Surr: BFB	99.1	73.8-119		%Rec	1	7/31/2019 2:10:31 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	7/31/2019 2:10:31 AM
Toluene	ND	0.049		mg/Kg	1	7/31/2019 2:10:31 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/31/2019 2:10:31 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/31/2019 2:10:31 AM
Surr: 4-Bromofluorobenzene	98.7	80-120		%Rec	1	7/31/2019 2:10:31 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	61		mg/Kg	20	7/31/2019 12:14:48 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BH19-08 2'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 10:15:00 AM
Lab ID: 1907D74-010 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/29/2019 3:41:47 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2019 3:41:47 PM
Surr: DNOP	97.3	70-130		%Rec	1	7/29/2019 3:41:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/31/2019 2:34:07 AM
Surr: BFB	94.9	73.8-119		%Rec	1	7/31/2019 2:34:07 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	7/31/2019 2:34:07 AM
Toluene	ND	0.050		mg/Kg	1	7/31/2019 2:34:07 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/31/2019 2:34:07 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/31/2019 2:34:07 AM
Surr: 4-Bromofluorobenzene	94.7	80-120		%Rec	1	7/31/2019 2:34:07 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/31/2019 12:52:01 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-011 **Matrix:** SOIL

Client Sample ID: BH19-09 0'
Collection Date: 7/24/2019 10:20:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	7/30/2019 2:32:18 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	7/30/2019 2:32:18 PM
Surr: DNOP	98.8	70-130		%Rec	1	7/30/2019 2:32:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/31/2019 3:21:17 AM
Surr: BFB	105	73.8-119		%Rec	1	7/31/2019 3:21:17 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/31/2019 3:21:17 AM
Toluene	0.050	0.047		mg/Kg	1	7/31/2019 3:21:17 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/31/2019 3:21:17 AM
Xylenes, Total	0.23	0.095		mg/Kg	1	7/31/2019 3:21:17 AM
Surr: 4-Bromofluorobenzene	97.0	80-120		%Rec	1	7/31/2019 3:21:17 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/31/2019 1:04:26 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-012 **Matrix:** SOIL

Client Sample ID: BH19-09 2'
Collection Date: 7/24/2019 10:25:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/29/2019 4:26:07 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/29/2019 4:26:07 PM
Surr: DNOP	98.1	70-130		%Rec	1	7/29/2019 4:26:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/31/2019 3:44:58 AM
Surr: BFB	97.3	73.8-119		%Rec	1	7/31/2019 3:44:58 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	7/31/2019 3:44:58 AM
Toluene	ND	0.047		mg/Kg	1	7/31/2019 3:44:58 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/31/2019 3:44:58 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/31/2019 3:44:58 AM
Surr: 4-Bromofluorobenzene	96.8	80-120		%Rec	1	7/31/2019 3:44:58 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/31/2019 1:16:50 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-013 **Matrix:** SOIL

Client Sample ID: SS19-10 0'
Collection Date: 7/24/2019 10:30:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/29/2019 4:48:22 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/29/2019 4:48:22 PM
Surr: DNOP	104	70-130		%Rec	1	7/29/2019 4:48:22 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/31/2019 4:08:46 AM
Surr: BFB	97.0	73.8-119		%Rec	1	7/31/2019 4:08:46 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	7/31/2019 4:08:46 AM
Toluene	ND	0.047		mg/Kg	1	7/31/2019 4:08:46 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/31/2019 4:08:46 AM
Xylenes, Total	ND	0.093		mg/Kg	1	7/31/2019 4:08:46 AM
Surr: 4-Bromofluorobenzene	97.2	80-120		%Rec	1	7/31/2019 4:08:46 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/31/2019 1:29:15 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-014 **Matrix:** SOIL

Client Sample ID: SS19-11 0'
Collection Date: 7/24/2019 10:35:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	7/30/2019 3:22:35 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	7/30/2019 3:22:35 PM
Surr: DNOP	107	70-130		%Rec	1	7/30/2019 3:22:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/31/2019 4:32:24 AM
Surr: BFB	94.7	73.8-119		%Rec	1	7/31/2019 4:32:24 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/31/2019 4:32:24 AM
Toluene	ND	0.048		mg/Kg	1	7/31/2019 4:32:24 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/31/2019 4:32:24 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/31/2019 4:32:24 AM
Surr: 4-Bromofluorobenzene	94.0	80-120		%Rec	1	7/31/2019 4:32:24 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	59		mg/Kg	20	7/31/2019 2:06:29 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-015 **Matrix:** SOIL

Client Sample ID: SS19-12 0'
Collection Date: 7/24/2019 10:40:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	290	95		mg/Kg	10	7/29/2019 5:33:05 PM
Motor Oil Range Organics (MRO)	590	470		mg/Kg	10	7/29/2019 5:33:05 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/29/2019 5:33:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	24	D	mg/Kg	5	7/31/2019 4:55:59 AM
Surr: BFB	105	73.8-119	D	%Rec	5	7/31/2019 4:55:59 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.12	D	mg/Kg	5	7/31/2019 4:55:59 AM
Toluene	ND	0.24	D	mg/Kg	5	7/31/2019 4:55:59 AM
Ethylbenzene	ND	0.24	D	mg/Kg	5	7/31/2019 4:55:59 AM
Xylenes, Total	ND	0.48	D	mg/Kg	5	7/31/2019 4:55:59 AM
Surr: 4-Bromofluorobenzene	103	80-120	D	%Rec	5	7/31/2019 4:55:59 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	95	59		mg/Kg	20	7/31/2019 2:43:42 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-016 **Matrix:** SOIL

Client Sample ID: SS19-13 0'
Collection Date: 7/24/2019 10:45:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	240	99		mg/Kg	10	7/29/2019 5:55:41 PM
Motor Oil Range Organics (MRO)	500	490		mg/Kg	10	7/29/2019 5:55:41 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/29/2019 5:55:41 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	23	D	mg/Kg	5	7/30/2019 2:09:52 PM
Surr: BFB	113	73.8-119	D	%Rec	5	7/30/2019 2:09:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.12	D	mg/Kg	5	7/30/2019 2:09:52 PM
Toluene	ND	0.23	D	mg/Kg	5	7/30/2019 2:09:52 PM
Ethylbenzene	ND	0.23	D	mg/Kg	5	7/30/2019 2:09:52 PM
Xylenes, Total	ND	0.46	D	mg/Kg	5	7/30/2019 2:09:52 PM
Surr: 4-Bromofluorobenzene	100	80-120	D	%Rec	5	7/30/2019 2:09:52 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	110	59		mg/Kg	20	7/31/2019 3:45:44 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: SS19-14 0'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 10:50:00 AM
Lab ID: 1907D74-017 **Matrix:** SOIL
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	5100	890		mg/Kg	100	7/29/2019 6:18:11 PM
Motor Oil Range Organics (MRO)	7700	4400		mg/Kg	100	7/29/2019 6:18:11 PM
Surr: DNOP	0	70-130	S	%Rec	100	7/29/2019 6:18:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	230	D	mg/Kg	50	7/30/2019 2:32:44 PM
Surr: BFB	113	73.8-119	D	%Rec	50	7/30/2019 2:32:44 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.1	D	mg/Kg	50	7/30/2019 2:32:44 PM
Toluene	ND	2.3	D	mg/Kg	50	7/30/2019 2:32:44 PM
Ethylbenzene	ND	2.3	D	mg/Kg	50	7/30/2019 2:32:44 PM
Xylenes, Total	ND	4.6	D	mg/Kg	50	7/30/2019 2:32:44 PM
Surr: 4-Bromofluorobenzene	99.5	80-120	D	%Rec	50	7/30/2019 2:32:44 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	97	60		mg/Kg	20	7/31/2019 3:58:09 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: SS19-15 0'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 10:55:00 AM
Lab ID: 1907D74-018 **Matrix:** SOIL
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	170	8.6		mg/Kg	1	7/31/2019 8:15:31 PM
Motor Oil Range Organics (MRO)	280	43		mg/Kg	1	7/31/2019 8:15:31 PM
Surr: DNOP	110	70-130		%Rec	1	7/31/2019 8:15:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	9.7		mg/Kg	2	7/31/2019 6:03:14 PM
Surr: BFB	101	73.8-119		%Rec	2	7/31/2019 6:03:14 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.048		mg/Kg	2	7/31/2019 6:03:14 PM
Toluene	0.13	0.097		mg/Kg	2	7/31/2019 6:03:14 PM
Ethylbenzene	ND	0.097		mg/Kg	2	7/31/2019 6:03:14 PM
Xylenes, Total	0.25	0.19		mg/Kg	2	7/31/2019 6:03:14 PM
Surr: 4-Bromofluorobenzene	97.2	80-120		%Rec	2	7/31/2019 6:03:14 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	7/31/2019 4:10:34 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-019 **Matrix:** SOIL

Client Sample ID: BH19-16 0'
Collection Date: 7/24/2019 11:00:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	18000	940		mg/Kg	100	7/29/2019 7:03:22 PM
Motor Oil Range Organics (MRO)	13000	4700		mg/Kg	100	7/29/2019 7:03:22 PM
Surr: DNOP	0	70-130	S	%Rec	100	7/29/2019 7:03:22 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	480	D	mg/Kg	100	7/30/2019 3:18:31 PM
Surr: BFB	115	73.8-119	D	%Rec	100	7/30/2019 3:18:31 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.4	D	mg/Kg	100	7/30/2019 3:18:31 PM
Toluene	ND	4.8	D	mg/Kg	100	7/30/2019 3:18:31 PM
Ethylbenzene	ND	4.8	D	mg/Kg	100	7/30/2019 3:18:31 PM
Xylenes, Total	ND	9.7	D	mg/Kg	100	7/30/2019 3:18:31 PM
Surr: 4-Bromofluorobenzene	101	80-120	D	%Rec	100	7/30/2019 3:18:31 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	1600	60		mg/Kg	20	7/31/2019 4:22:58 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-020 **Matrix:** SOIL

Client Sample ID: BH19-16 '2
Collection Date: 7/24/2019 11:05:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	12000	1000		mg/Kg	100	7/29/2019 7:26:00 PM
Motor Oil Range Organics (MRO)	9600	5000		mg/Kg	100	7/29/2019 7:26:00 PM
Surr: DNOP	0	70-130	S	%Rec	100	7/29/2019 7:26:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	490	D	mg/Kg	100	7/30/2019 3:41:25 PM
Surr: BFB	126	73.8-119	SD	%Rec	100	7/30/2019 3:41:25 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.4	D	mg/Kg	100	7/30/2019 3:41:25 PM
Toluene	ND	4.9	D	mg/Kg	100	7/30/2019 3:41:25 PM
Ethylbenzene	ND	4.9	D	mg/Kg	100	7/30/2019 3:41:25 PM
Xylenes, Total	ND	9.8	D	mg/Kg	100	7/30/2019 3:41:25 PM
Surr: 4-Bromofluorobenzene	104	80-120	D	%Rec	100	7/30/2019 3:41:25 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	6800	300		mg/Kg	100	8/1/2019 5:33:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-021 **Matrix:** SOIL

Client Sample ID: BH19-16 4'
Collection Date: 7/24/2019 11:10:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	8300	96		mg/Kg	10	7/30/2019 4:12:49 PM
Motor Oil Range Organics (MRO)	2500	480		mg/Kg	10	7/30/2019 4:12:49 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/30/2019 4:12:49 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2000	230		mg/Kg	50	7/30/2019 4:04:17 PM
Surr: BFB	300	73.8-119	S	%Rec	50	7/30/2019 4:04:17 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2	D	mg/Kg	50	7/31/2019 6:26:58 PM
Toluene	16	2.3	D	mg/Kg	50	7/31/2019 6:26:58 PM
Ethylbenzene	7.5	2.3	D	mg/Kg	50	7/31/2019 6:26:58 PM
Xylenes, Total	68	4.7	D	mg/Kg	50	7/31/2019 6:26:58 PM
Surr: 4-Bromofluorobenzene	109	80-120	D	%Rec	50	7/31/2019 6:26:58 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	200	60		mg/Kg	20	7/31/2019 4:47:47 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-022 **Matrix:** SOIL

Client Sample ID: SS19-17 0'
Collection Date: 7/24/2019 11:15:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	3800	950		mg/Kg	100	7/29/2019 8:10:34 PM
Motor Oil Range Organics (MRO)	5100	4800		mg/Kg	100	7/29/2019 8:10:34 PM
Surr: DNOP	0	70-130	S	%Rec	100	7/29/2019 8:10:34 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	240	D	mg/Kg	50	7/30/2019 4:27:22 PM
Surr: BFB	114	73.8-119	D	%Rec	50	7/30/2019 4:27:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2	D	mg/Kg	50	7/30/2019 4:27:22 PM
Toluene	ND	2.4	D	mg/Kg	50	7/30/2019 4:27:22 PM
Ethylbenzene	ND	2.4	D	mg/Kg	50	7/30/2019 4:27:22 PM
Xylenes, Total	ND	4.7	D	mg/Kg	50	7/30/2019 4:27:22 PM
Surr: 4-Bromofluorobenzene	101	80-120	D	%Rec	50	7/30/2019 4:27:22 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	1400	60		mg/Kg	20	7/31/2019 5:00:11 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-023 **Matrix:** SOIL

Client Sample ID: BH19-18 0'
Collection Date: 7/24/2019 11:20:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	9400	910		mg/Kg	100	7/29/2019 8:32:44 PM
Motor Oil Range Organics (MRO)	6000	4600		mg/Kg	100	7/29/2019 8:32:44 PM
Surr: DNOP	0	70-130	S	%Rec	100	7/29/2019 8:32:44 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	460	D	mg/Kg	100	7/30/2019 4:50:17 PM
Surr: BFB	118	73.8-119	D	%Rec	100	7/30/2019 4:50:17 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.3	D	mg/Kg	100	7/30/2019 4:50:17 PM
Toluene	ND	4.6	D	mg/Kg	100	7/30/2019 4:50:17 PM
Ethylbenzene	ND	4.6	D	mg/Kg	100	7/30/2019 4:50:17 PM
Xylenes, Total	ND	9.2	D	mg/Kg	100	7/30/2019 4:50:17 PM
Surr: 4-Bromofluorobenzene	105	80-120	D	%Rec	100	7/30/2019 4:50:17 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	490	61		mg/Kg	20	7/31/2019 5:12:35 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-024 **Matrix:** SOIL

Client Sample ID: BH19-18 2'
Collection Date: 7/24/2019 11:25:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	8000	980		mg/Kg	100	7/29/2019 8:54:59 PM
Motor Oil Range Organics (MRO)	6000	4900		mg/Kg	100	7/29/2019 8:54:59 PM
Surr: DNOP	0	70-130	S	%Rec	100	7/29/2019 8:54:59 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	470	D	mg/Kg	100	7/30/2019 5:13:09 PM
Surr: BFB	127	73.8-119	SD	%Rec	100	7/30/2019 5:13:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.3	D	mg/Kg	100	7/30/2019 5:13:09 PM
Toluene	ND	4.7	D	mg/Kg	100	7/30/2019 5:13:09 PM
Ethylbenzene	ND	4.7	D	mg/Kg	100	7/30/2019 5:13:09 PM
Xylenes, Total	ND	9.4	D	mg/Kg	100	7/30/2019 5:13:09 PM
Surr: 4-Bromofluorobenzene	106	80-120	D	%Rec	100	7/30/2019 5:13:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	6500	300		mg/Kg	100	8/1/2019 5:46:11 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-025 **Matrix:** SOIL

Client Sample ID: BH19-18 4'
Collection Date: 7/24/2019 11:30:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	7700	99		mg/Kg	10	7/30/2019 5:03:05 PM
Motor Oil Range Organics (MRO)	2100	500		mg/Kg	10	7/30/2019 5:03:05 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/30/2019 5:03:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1900	470		mg/Kg	100	7/30/2019 5:36:07 PM
Surr: BFB	204	73.8-119	S	%Rec	100	7/30/2019 5:36:07 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.3	D	mg/Kg	100	7/31/2019 6:50:41 PM
Toluene	14	4.7	D	mg/Kg	100	7/31/2019 6:50:41 PM
Ethylbenzene	6.4	4.7	D	mg/Kg	100	7/31/2019 6:50:41 PM
Xylenes, Total	70	9.3	D	mg/Kg	100	7/31/2019 6:50:41 PM
Surr: 4-Bromofluorobenzene	101	80-120	D	%Rec	100	7/31/2019 6:50:41 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	130	60		mg/Kg	20	7/31/2019 6:02:13 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-026 **Matrix:** SOIL

Client Sample ID: BH19-18 6'
Collection Date: 7/24/2019 11:35:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	8300	98		mg/Kg	10	7/31/2019 9:00:14 PM
Motor Oil Range Organics (MRO)	2800	490		mg/Kg	10	7/31/2019 9:00:14 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/31/2019 9:00:14 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1900	480		mg/Kg	100	7/30/2019 7:30:28 PM
Surr: BFB	195	73.8-119	S	%Rec	100	7/30/2019 7:30:28 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.4	D	mg/Kg	100	7/31/2019 8:48:39 PM
Toluene	19	4.8	D	mg/Kg	100	7/31/2019 8:48:39 PM
Ethylbenzene	8.5	4.8	D	mg/Kg	100	7/31/2019 8:48:39 PM
Xylenes, Total	78	9.7	D	mg/Kg	100	7/31/2019 8:48:39 PM
Surr: 4-Bromofluorobenzene	100	80-120	D	%Rec	100	7/31/2019 8:48:39 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	210	60		mg/Kg	20	7/31/2019 6:14:37 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-027 **Matrix:** SOIL

Client Sample ID: BH19-18 8'
Collection Date: 7/24/2019 11:40:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	11000	470		mg/Kg	50	7/30/2019 7:09:13 PM
Motor Oil Range Organics (MRO)	3000	2400		mg/Kg	50	7/30/2019 7:09:13 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 7:09:13 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2400	480		mg/Kg	100	7/30/2019 7:53:18 PM
Surr: BFB	211	73.8-119	S	%Rec	100	7/30/2019 7:53:18 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	2.7	2.4	D	mg/Kg	100	7/31/2019 9:12:14 PM
Toluene	34	4.8	D	mg/Kg	100	7/31/2019 9:12:14 PM
Ethylbenzene	13	4.8	D	mg/Kg	100	7/31/2019 9:12:14 PM
Xylenes, Total	95	9.7	D	mg/Kg	100	7/31/2019 9:12:14 PM
Surr: 4-Bromofluorobenzene	103	80-120	D	%Rec	100	7/31/2019 9:12:14 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	250	61		mg/Kg	20	7/31/2019 6:27:01 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-028 **Matrix:** SOIL

Client Sample ID: BH19-18 10'
Collection Date: 7/24/2019 11:45:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	11000	470		mg/Kg	50	7/30/2019 7:34:16 PM
Motor Oil Range Organics (MRO)	3300	2400		mg/Kg	50	7/30/2019 7:34:16 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 7:34:16 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2300	490		mg/Kg	100	7/30/2019 8:16:04 PM
Surr: BFB	201	73.8-119	S	%Rec	100	7/30/2019 8:16:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	3.2	2.5	D	mg/Kg	100	7/31/2019 9:35:49 PM
Toluene	38	4.9	D	mg/Kg	100	7/31/2019 9:35:49 PM
Ethylbenzene	15	4.9	D	mg/Kg	100	7/31/2019 9:35:49 PM
Xylenes, Total	97	9.9	D	mg/Kg	100	7/31/2019 9:35:49 PM
Surr: 4-Bromofluorobenzene	105	80-120	D	%Rec	100	7/31/2019 9:35:49 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	410	59		mg/Kg	20	7/31/2019 6:39:26 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-029 **Matrix:** SOIL

Client Sample ID: BH19-18 12'
Collection Date: 7/24/2019 11:50:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	13000	470		mg/Kg	50	7/30/2019 7:59:26 PM
Motor Oil Range Organics (MRO)	4000	2300		mg/Kg	50	7/30/2019 7:59:26 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 7:59:26 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2100	480		mg/Kg	100	7/30/2019 8:38:52 PM
Surr: BFB	198	73.8-119	S	%Rec	100	7/30/2019 8:38:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.4	D	mg/Kg	100	7/31/2019 9:59:24 PM
Toluene	29	4.8	D	mg/Kg	100	7/31/2019 9:59:24 PM
Ethylbenzene	16	4.8	D	mg/Kg	100	7/31/2019 9:59:24 PM
Xylenes, Total	96	9.6	D	mg/Kg	100	7/31/2019 9:59:24 PM
Surr: 4-Bromofluorobenzene	110	80-120	D	%Rec	100	7/31/2019 9:59:24 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	720	60		mg/Kg	20	7/31/2019 6:51:50 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-030 **Matrix:** SOIL

Client Sample ID: BH19-18 14'
Collection Date: 7/24/2019 11:55:00 AM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	9400	470		mg/Kg	50	7/30/2019 8:24:34 PM
Motor Oil Range Organics (MRO)	2900	2400		mg/Kg	50	7/30/2019 8:24:34 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 8:24:34 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1700	490		mg/Kg	100	7/30/2019 9:01:40 PM
Surr: BFB	179	73.8-119	S	%Rec	100	7/30/2019 9:01:40 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.4	D	mg/Kg	100	7/31/2019 10:22:59 PM
Toluene	18	4.9	D	mg/Kg	100	7/31/2019 10:22:59 PM
Ethylbenzene	10	4.9	D	mg/Kg	100	7/31/2019 10:22:59 PM
Xylenes, Total	66	9.7	D	mg/Kg	100	7/31/2019 10:22:59 PM
Surr: 4-Bromofluorobenzene	99.5	80-120	D	%Rec	100	7/31/2019 10:22:59 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	800	60		mg/Kg	20	7/31/2019 7:04:14 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-031 **Matrix:** SOIL

Client Sample ID: BH19-18 16'
Collection Date: 7/24/2019 12:00:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	9500	490		mg/Kg	50	7/30/2019 8:49:41 PM
Motor Oil Range Organics (MRO)	2600	2400		mg/Kg	50	7/30/2019 8:49:41 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 8:49:41 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2200	480		mg/Kg	100	7/30/2019 9:24:21 PM
Surr: BFB	186	73.8-119	S	%Rec	100	7/30/2019 9:24:21 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	2.6	2.4	D	mg/Kg	100	7/31/2019 10:46:34 PM
Toluene	35	4.8	D	mg/Kg	100	7/31/2019 10:46:34 PM
Ethylbenzene	17	4.8	D	mg/Kg	100	7/31/2019 10:46:34 PM
Xylenes, Total	90	9.5	D	mg/Kg	100	7/31/2019 10:46:34 PM
Surr: 4-Bromofluorobenzene	101	80-120	D	%Rec	100	7/31/2019 10:46:34 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	580	61		mg/Kg	20	7/31/2019 7:16:38 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-032 **Matrix:** SOIL

Client Sample ID: BH19-18 18'
Collection Date: 7/24/2019 12:05:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	9900	470		mg/Kg	50	7/30/2019 9:39:24 PM
Motor Oil Range Organics (MRO)	2500	2400		mg/Kg	50	7/30/2019 9:39:24 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 9:39:24 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2000	490		mg/Kg	100	7/30/2019 9:47:09 PM
Surr: BFB	188	73.8-119	S	%Rec	100	7/30/2019 9:47:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.4	D	mg/Kg	100	7/31/2019 11:10:07 PM
Toluene	25	4.9	D	mg/Kg	100	7/31/2019 11:10:07 PM
Ethylbenzene	13	4.9	D	mg/Kg	100	7/31/2019 11:10:07 PM
Xylenes, Total	78	9.8	D	mg/Kg	100	7/31/2019 11:10:07 PM
Surr: 4-Bromofluorobenzene	99.4	80-120	D	%Rec	100	7/31/2019 11:10:07 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	560	60		mg/Kg	20	7/31/2019 7:29:02 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-033 **Matrix:** SOIL

Client Sample ID: BH19-18 20'
Collection Date: 7/24/2019 12:10:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	480	37		mg/Kg	4	8/2/2019 8:12:49 AM
Motor Oil Range Organics (MRO)	240	190		mg/Kg	4	8/2/2019 8:12:49 AM
Surr: DNOP	119	70-130		%Rec	4	8/2/2019 8:12:49 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	19	4.6		mg/Kg	1	7/30/2019 10:09:58 PM
Surr: BFB	260	73.8-119	S	%Rec	1	7/30/2019 10:09:58 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	2.3	D	mg/Kg	100	7/31/2019 11:33:40 PM
Toluene	ND	4.6	D	mg/Kg	100	7/31/2019 11:33:40 PM
Ethylbenzene	ND	4.6	D	mg/Kg	100	7/31/2019 11:33:40 PM
Xylenes, Total	ND	9.3	D	mg/Kg	100	7/31/2019 11:33:40 PM
Surr: 4-Bromofluorobenzene	93.5	80-120	D	%Rec	100	7/31/2019 11:33:40 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	580	59		mg/Kg	20	7/31/2019 7:41:27 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-034 **Matrix:** SOIL

Client Sample ID: BH19-18 22'
Collection Date: 7/24/2019 12:15:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	920	9.6		mg/Kg	1	7/31/2019 10:29:05 PM
Motor Oil Range Organics (MRO)	360	48		mg/Kg	1	7/31/2019 10:29:05 PM
Surr: DNOP	220	70-130	S	%Rec	1	7/31/2019 10:29:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	39	4.7		mg/Kg	1	7/30/2019 10:32:41 PM
Surr: BFB	339	73.8-119	S	%Rec	1	7/30/2019 10:32:41 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/31/2019 11:57:17 PM
Toluene	ND	0.047		mg/Kg	1	7/31/2019 11:57:17 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/31/2019 11:57:17 PM
Xylenes, Total	0.29	0.094		mg/Kg	1	7/31/2019 11:57:17 PM
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	7/31/2019 11:57:17 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	560	60		mg/Kg	20	7/31/2019 11:30:54 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-035 **Matrix:** SOIL

Client Sample ID: BH19-19 0'
Collection Date: 7/24/2019 12:20:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	5500	520		mg/Kg	50	7/30/2019 10:54:15 PM
Motor Oil Range Organics (MRO)	2800	2600		mg/Kg	50	7/30/2019 10:54:15 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 10:54:15 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	230		mg/Kg	50	7/30/2019 10:55:25 PM
Surr: BFB	124	73.8-119	S	%Rec	50	7/30/2019 10:55:25 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2		mg/Kg	50	7/30/2019 10:55:25 PM
Toluene	ND	2.3		mg/Kg	50	7/30/2019 10:55:25 PM
Ethylbenzene	ND	2.3		mg/Kg	50	7/30/2019 10:55:25 PM
Xylenes, Total	ND	4.6		mg/Kg	50	7/30/2019 10:55:25 PM
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	50	7/30/2019 10:55:25 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	9800	600		mg/Kg	200	8/1/2019 6:35:50 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-036 **Matrix:** SOIL

Client Sample ID: BH19-19 2'
Collection Date: 7/24/2019 12:25:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	7700	500		mg/Kg	50	7/30/2019 11:19:12 PM
Motor Oil Range Organics (MRO)	3300	2500		mg/Kg	50	7/30/2019 11:19:12 PM
Surr: DNOP	0	70-130	S	%Rec	50	7/30/2019 11:19:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	240	D	mg/Kg	50	7/31/2019 12:03:41 AM
Surr: BFB	131	73.8-119	SD	%Rec	50	7/31/2019 12:03:41 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2	D	mg/Kg	50	7/31/2019 12:03:41 AM
Toluene	2.5	2.4	D	mg/Kg	50	7/31/2019 12:03:41 AM
Ethylbenzene	ND	2.4	D	mg/Kg	50	7/31/2019 12:03:41 AM
Xylenes, Total	5.2	4.8	D	mg/Kg	50	7/31/2019 12:03:41 AM
Surr: 4-Bromofluorobenzene	106	80-120	D	%Rec	50	7/31/2019 12:03:41 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	81	60		mg/Kg	20	7/31/2019 12:45:20 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-037 **Matrix:** SOIL

Client Sample ID: BH19-19 4'
Collection Date: 7/24/2019 12:30:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	2400	94		mg/Kg	10	7/30/2019 11:44:05 PM
Motor Oil Range Organics (MRO)	1100	470		mg/Kg	10	7/30/2019 11:44:05 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/30/2019 11:44:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	230	D	mg/Kg	50	7/31/2019 12:26:28 AM
Surr: BFB	127	73.8-119	SD	%Rec	50	7/31/2019 12:26:28 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2	D	mg/Kg	50	7/31/2019 12:26:28 AM
Toluene	2.5	2.3	D	mg/Kg	50	7/31/2019 12:26:28 AM
Ethylbenzene	ND	2.3	D	mg/Kg	50	7/31/2019 12:26:28 AM
Xylenes, Total	6.1	4.6	D	mg/Kg	50	7/31/2019 12:26:28 AM
Surr: 4-Bromofluorobenzene	105	80-120	D	%Rec	50	7/31/2019 12:26:28 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	440	60		mg/Kg	20	7/31/2019 12:57:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BH19-19 6'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 12:35:00 PM
Lab ID: 1907D74-038 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/31/2019 12:08:57 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/31/2019 12:08:57 AM
Surr: DNOP	90.3	70-130		%Rec	1	7/31/2019 12:08:57 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/1/2019 12:20:56 AM
Surr: BFB	98.8	73.8-119		%Rec	1	8/1/2019 12:20:56 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/1/2019 12:20:56 AM
Toluene	ND	0.050		mg/Kg	1	8/1/2019 12:20:56 AM
Ethylbenzene	ND	0.050		mg/Kg	1	8/1/2019 12:20:56 AM
Xylenes, Total	ND	0.10		mg/Kg	1	8/1/2019 12:20:56 AM
Surr: 4-Bromofluorobenzene	91.7	80-120		%Rec	1	8/1/2019 12:20:56 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/31/2019 1:10:10 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-039 **Matrix:** SOIL

Client Sample ID: BH19-20 0'
Collection Date: 7/24/2019 12:40:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	8200	100		mg/Kg	10	7/31/2019 11:13:40 PM
Motor Oil Range Organics (MRO)	4200	510		mg/Kg	10	7/31/2019 11:13:40 PM
Surr: DNOP	0	70-130	S	%Rec	10	7/31/2019 11:13:40 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	250	240		mg/Kg	50	7/31/2019 1:11:58 AM
Surr: BFB	136	73.8-119	S	%Rec	50	7/31/2019 1:11:58 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2		mg/Kg	50	7/31/2019 1:11:58 AM
Toluene	ND	2.4		mg/Kg	50	7/31/2019 1:11:58 AM
Ethylbenzene	ND	2.4		mg/Kg	50	7/31/2019 1:11:58 AM
Xylenes, Total	6.4	4.8		mg/Kg	50	7/31/2019 1:11:58 AM
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	50	7/31/2019 1:11:58 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	4100	150		mg/Kg	50	8/1/2019 5:58:36 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-040 **Matrix:** SOIL

Client Sample ID: BH19-20 2'
Collection Date: 7/24/2019 12:45:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	7700	480		mg/Kg	50	7/31/2019 12:58:31 AM
Motor Oil Range Organics (MRO)	2700	2400		mg/Kg	50	7/31/2019 12:58:31 AM
Surr: DNOP	0	70-130	S	%Rec	50	7/31/2019 12:58:31 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	66	4.7		mg/Kg	1	7/29/2019 2:30:50 PM
Surr: BFB	478	73.8-119	S	%Rec	1	7/29/2019 2:30:50 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/29/2019 2:30:50 PM
Toluene	ND	0.047		mg/Kg	1	7/29/2019 2:30:50 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/29/2019 2:30:50 PM
Xylenes, Total	1.3	0.095		mg/Kg	1	7/29/2019 2:30:50 PM
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	7/29/2019 2:30:50 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	210	60		mg/Kg	20	7/31/2019 1:34:58 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-041 **Matrix:** SOIL

Client Sample ID: BH19-20 4'
Collection Date: 7/24/2019 12:50:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	600	47		mg/Kg	5	8/2/2019 8:56:54 AM
Motor Oil Range Organics (MRO)	330	240		mg/Kg	5	8/2/2019 8:56:54 AM
Surr: DNOP	104	70-130		%Rec	5	8/2/2019 8:56:54 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	7.4	4.6		mg/Kg	1	7/29/2019 3:18:10 PM
Surr: BFB	174	73.8-119	S	%Rec	1	7/29/2019 3:18:10 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	7/29/2019 3:18:10 PM
Toluene	ND	0.046		mg/Kg	1	7/29/2019 3:18:10 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/29/2019 3:18:10 PM
Xylenes, Total	ND	0.093		mg/Kg	1	7/29/2019 3:18:10 PM
Surr: 4-Bromofluorobenzene	98.7	80-120		%Rec	1	7/29/2019 3:18:10 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/31/2019 1:47:22 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BH19-20 6'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 12:55:00 PM
Lab ID: 1907D74-042 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	130	9.2		mg/Kg	1	7/31/2019 1:48:00 AM
Motor Oil Range Organics (MRO)	59	46		mg/Kg	1	7/31/2019 1:48:00 AM
Surr: DNOP	98.1	70-130		%Rec	1	7/31/2019 1:48:00 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/29/2019 4:29:08 PM
Surr: BFB	106	73.8-119		%Rec	1	7/29/2019 4:29:08 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/29/2019 4:29:08 PM
Toluene	ND	0.047		mg/Kg	1	7/29/2019 4:29:08 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/29/2019 4:29:08 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/29/2019 4:29:08 PM
Surr: 4-Bromofluorobenzene	92.3	80-120		%Rec	1	7/29/2019 4:29:08 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/31/2019 1:59:47 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Project: North Pure Gold 9 Fed 1
Lab ID: 1907D74-043 **Matrix:** SOIL

Client Sample ID: BG-1 0'
Collection Date: 7/24/2019 1:00:00 PM
Received Date: 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	7/31/2019 2:12:47 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/31/2019 2:12:47 AM
Surr: DNOP	91.0	70-130		%Rec	1	7/31/2019 2:12:47 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/29/2019 6:03:28 PM
Surr: BFB	92.4	73.8-119		%Rec	1	7/29/2019 6:03:28 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	7/29/2019 6:03:28 PM
Toluene	ND	0.049		mg/Kg	1	7/29/2019 6:03:28 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/29/2019 6:03:28 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/29/2019 6:03:28 PM
Surr: 4-Bromofluorobenzene	91.4	80-120		%Rec	1	7/29/2019 6:03:28 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/31/2019 2:12:11 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **1907D74**
Date Reported: **8/5/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BG-1 2'
Project: North Pure Gold 9 Fed 1
Collection Date: 7/24/2019 1:05:00 PM
Lab ID: 1907D74-044 **Matrix:** SOIL **Received Date:** 7/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/31/2019 2:37:43 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/31/2019 2:37:43 AM
Surr: DNOP	91.7	70-130		%Rec	1	7/31/2019 2:37:43 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/29/2019 6:27:04 PM
Surr: BFB	92.6	73.8-119		%Rec	1	7/29/2019 6:27:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	7/29/2019 6:27:04 PM
Toluene	ND	0.050		mg/Kg	1	7/29/2019 6:27:04 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/29/2019 6:27:04 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/29/2019 6:27:04 PM
Surr: 4-Bromofluorobenzene	92.2	80-120		%Rec	1	7/29/2019 6:27:04 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/31/2019 2:24:36 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **MB-46495** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **46495** RunNo: **61775**
Prep Date: **7/30/2019** Analysis Date: **7/30/2019** SeqNo: **2094150** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-46495** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **46495** RunNo: **61775**
Prep Date: **7/30/2019** Analysis Date: **7/30/2019** SeqNo: **2094151** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	90	110			

Sample ID: **MB-46498** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **46498** RunNo: **61775**
Prep Date: **7/30/2019** Analysis Date: **7/31/2019** SeqNo: **2094182** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-46498** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **46498** RunNo: **61775**
Prep Date: **7/30/2019** Analysis Date: **7/31/2019** SeqNo: **2094183** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.7	90	110			

Sample ID: **MB-46511** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **46511** RunNo: **61780**
Prep Date: **7/31/2019** Analysis Date: **7/31/2019** SeqNo: **2095324** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-46511** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **46511** RunNo: **61780**
Prep Date: **7/31/2019** Analysis Date: **7/31/2019** SeqNo: **2095326** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **1907D74-006AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **SS19-06 0'** Batch ID: **46426** RunNo: **61704**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2091850** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.4	47.17	0	102	57	142			
Surr: DNOP	4.2		4.717		88.7	70	130			

Sample ID: **1907D74-006AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **SS19-06 0'** Batch ID: **46426** RunNo: **61704**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2091851** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	9.7	48.36	0	105	57	142	4.57	20	
Surr: DNOP	4.3		4.836		88.0	70	130	0	0	

Sample ID: **LCS-46426** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **46426** RunNo: **61704**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2091854** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	107	63.9	124			
Surr: DNOP	4.5		5.000		90.3	70	130			

Sample ID: **MB-46426** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46426** RunNo: **61704**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2091855** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.2		10.00		92.4	70	130			

Sample ID: **MB-46412** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46412** RunNo: **61730**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092548** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		97.2	70	130			

Sample ID: **MB-46425** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46425** RunNo: **61730**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092549** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **MB-46425** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46425** RunNo: **61730**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092549** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.8		10.00		87.7	70	130			

Sample ID: **LCS-46412** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **46412** RunNo: **61730**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092550** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.8		5.000		76.9	70	130			

Sample ID: **LCS-46425** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **46425** RunNo: **61730**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092551** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	101	63.9	124			
Surr: DNOP	4.1		5.000		82.8	70	130			

Sample ID: **LCS-46434** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **46434** RunNo: **61732**
Prep Date: **7/29/2019** Analysis Date: **7/30/2019** SeqNo: **2093469** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.6	63.9	124			
Surr: DNOP	4.2		5.000		83.1	70	130			

Sample ID: **MB-46434** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46434** RunNo: **61732**
Prep Date: **7/29/2019** Analysis Date: **7/30/2019** SeqNo: **2093470** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		88.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **LCS-46481** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **46481** RunNo: **61770**
Prep Date: **7/30/2019** Analysis Date: **7/31/2019** SeqNo: **2094814** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.8		5.000		96.3	70	130			

Sample ID: **MB-46481** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46481** RunNo: **61770**
Prep Date: **7/30/2019** Analysis Date: **7/31/2019** SeqNo: **2094815** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.9		10.00		98.8	70	130			

Sample ID: **LCS-46512** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **46512** RunNo: **61831**
Prep Date: **7/31/2019** Analysis Date: **8/1/2019** SeqNo: **2096582** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.0		5.000		79.1	70	130			

Sample ID: **MB-46512** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46512** RunNo: **61831**
Prep Date: **7/31/2019** Analysis Date: **8/1/2019** SeqNo: **2096583** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.8		10.00		87.8	70	130			

Sample ID: **LCS-46536** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **46536** RunNo: **61831**
Prep Date: **8/1/2019** Analysis Date: **8/2/2019** SeqNo: **2097810** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.9		5.000		98.4	70	130			

Sample ID: **MB-46536** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **46536** RunNo: **61831**
Prep Date: **8/1/2019** Analysis Date: **8/2/2019** SeqNo: **2097812** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	13		10.00		133	70	130			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **MB-46422** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **46422** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092021** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.3	73.8	119			

Sample ID: **LCS-46422** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **46422** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092022** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.6	80.1	123			
Surr: BFB	1000		1000		104	73.8	119			

Sample ID: **1907D74-041AMS** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **BH19-20 4'** Batch ID: **46422** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092025** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	32	4.6	23.04	7.407	106	69.1	142			
Surr: BFB	1700		921.7		181	73.8	119			S

Sample ID: **1907D74-041AMSD** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **BH19-20 4'** Batch ID: **46422** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092026** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.8	23.83	7.407	101	69.1	142	0.959	20	
Surr: BFB	1600		953.3		167	73.8	119	0	0	S

Sample ID: **MB-46417** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **46417** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092033** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	920		1000		92.0	73.8	119			

Sample ID: **LCS-46417** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **46417** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092035** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		100	73.8	119			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **MB-46420** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **46420** RunNo: **61757**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093528** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	930		1000		93.0	73.8	119			

Sample ID: **LCS-46420** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **46420** RunNo: **61757**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093529** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.2	80.1	123			
Surr: BFB	1100		1000		110	73.8	119			

Sample ID: **MB-46421** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **46421** RunNo: **61758**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093613** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	500								
Surr: BFB	100000		100000		101	73.8	119			

Sample ID: **LCS-46421** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **46421** RunNo: **61758**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093614** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	80.1	123			
Surr: BFB	1200		1000		124	73.8	119			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **MB-46422** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **46422** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092074** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.8	80	120			

Sample ID: **LCS-46422** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **46422** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092075** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.2	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		95.7	80	120			

Sample ID: **MB-46417** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **46417** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092081** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91		1.000		91.2	80	120			

Sample ID: **LCS-46417** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **46417** RunNo: **61712**
Prep Date: **7/26/2019** Analysis Date: **7/29/2019** SeqNo: **2092082** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.9	80	120			

Sample ID: **MB-46420** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **46420** RunNo: **61757**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093575** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1907D74**
05-Aug-19

Client: Devon Energy
Project: North Pure Gold 9 Fed 1

Sample ID: **MB-46420** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **46420** RunNo: **61757**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093575** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.94		1.000		94.3	80	120			

Sample ID: **LCS-46420** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **46420** RunNo: **61757**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093576** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.6	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.9	80	120			

Sample ID: **MB-46421** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **46421** RunNo: **61758**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093643** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	2.5								
Toluene	ND	5.0								
Ethylbenzene	ND	5.0								
Xylenes, Total	ND	10								
Surr: 4-Bromofluorobenzene	86		100.0		86.3	80	120			

Sample ID: **LCS-46421** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **46421** RunNo: **61758**
Prep Date: **7/26/2019** Analysis Date: **7/30/2019** SeqNo: **2093644** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.0	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	95.0	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: DEVON ENERGY Work Order Number: 1907D74 RcptNo: 1

Received By: **Desiree Dominguez** 7/26/2019 8:45:00 AM

Completed By: **Michelle Garcia** 7/26/2019 11:05:28 AM

Reviewed By: Danny Terrazas 7/26/2019

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: DAD 7/26/19

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.0	Good	Yes			

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2020 10:56:52 AM

Chain-of-Custody Record

Client: Devon Energy

Mailing Address: 6488 7 Rivers HWY
Artesia, NM 88210

Phone #: 505-350-1336

email or Fax#: Amanda.Davis@DVN.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day
☐ Standard ☐ Rush

Project Name: North Pure Gold 9 Fed 1

Project #: 19E-00525

Project Manager: Dennis Williams
Permian@Vertex.ca; Amanda Davis
Amanda.Davis@DVN.com

Sampler: Jason Crabtree

On Ice: ☒ Yes ☐ No

# of Coolers: 3.9 - 1 (1) DAD 7/26/19

Cooler Temp(including CF): 3.9 +0.1 = 4.0°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 1907074	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7-24-19	9:30	S	SS19-01 0'	1 Jar	ice	001	X	X					X			
	9:35		BH19-02 0'			002										
	9:40		BH19-02 2'			003										
	9:45		SS19-03 0'			004										
	9:50		SS19-04 0'			005										
	9:55		SS19-06 0'			006										
	10:00		BH19-07 0'			007										
	10:05		BH19-07 2'			008										
	10:10		BH19-08 0'			009										
	10:15		BH19-08 2'			010										
	10:20		BH19-09 0'			011										
	10:25		BH19-09 2'			012										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7-25-19	1:20pm				7/25/19	1330
7/25/19	1900			courier	7/26/19	8:45

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2020 10:56:52 AM

Chain-of-Custody Record

Client: Devon Energy

Mailing Address: 6488) Rivers Hwy

Artesia, NM 88210

Phone #: 505-350-1336

email or Fax#: Amanda.Davis@DVN.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day

☐ Standard ☐ Rush

Project Name: North Pure Gold 9 Fed 1

Project #: 19E-00575

Project Manager: Dennis Williams Permian@Vertex.ca ; Amanda Davis Amanda.Davis@DVN.com

Sampler: Jason Crabtree

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.9+0.1=4.0c

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 1907D74	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7-24-19	10:30	S	SS19-10 0'	1 Jar	Ice	013	X	X					X			
	10:35		SS19-11 0'			014										
	10:40		SS19-12 0'			015										
	10:45		SS19-13 0'			016										
	10:50		SS19-14 0'			017										
	10:55		SS19-15 0'			018										
	11:00		BH19-16 0'			019										
	11:05		BH19-16 2'			020										
	11:10		BH19-16 4'			021										
	11:15		SS19-17 0'			022										
	11:20		BH19-18 0'			023										
	11:25		BH19-19 2'			024										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7-25-19	1:20PM				7/25/19	1330
7/25/19	1900			Courier	7/26/19	8:45

Remarks:

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Chain-of-Custody Record

Client: Devon Energy

Mailing Address: 6488 7 Rivers HWY

Artesia, NM

Phone #: 505-350-1336

email or Fax#: Amanda.Davis@DVN.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day

☐ Standard ☐ Rush

Project Name: North Pure Gold 9 Fed 1

Project #: 19E-00575

Project Manager: Dennis Williams permian@vertex.ca; Amanda Davis Amanda.Davis@DVN.com

Sampler: Jason Crabtree

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.9 +0.1 = 4.0°c

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No 1907D74	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7-24-19	11:30	S	BH19-18 4'	1 Jar	ice	025	X	X					X			
	11:35		BH19-18 6'			026										
	11:40		BH19-18 8'			027										
	11:45		BH19-18 10'			028										
	11:50		BH19-18 12'			029										
	11:55		BH19-18 14'			030										
	12:00		BH19-18 16'			031										
	12:05		BH19-18 18'			032										
	12:10		BH19-18 20'			033										
	12:15		BH19-18 22'			034										
	12:20		BH19-19 0'			035										
	12:25		BH19-19 2'			036										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7-25-19	1:00pm					
7/25/19	1900			Courier	7/26/19	8:45

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2020 10:56:52 AM

Chain-of-Custody Record

Client: Devon Energy

Mailing Address: 6488 7 Rivers HWY
Artesia, NM 88210

Phone #: 505-350-1336

email or Fax#: Amanda.Davis@DVN.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day
☐ Standard ☐ Rush

Project Name: North Pure Gold 9 Fed 1

Project #: 19E-00575

Project Manager: Dennis Williams
permian@Vertex.ca; Amanda Davis
Amanda.Davis@DVN.com

Sampler: Jason Crabtree

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(Including CF): 3.9+0.1=4.0°c

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 1907174	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7-24-19	12:30	S	BH19-19 4'	1 Jar	ice	037	X	X					X			
	12:35		BH19-19 6'			038										
	12:40		BH19-20 0'			039										
	12:45		BH19-20 2'			040										
	12:50		BH19-20 4'			041										
	12:55		BH19-20 6'			042										
	1:00		BG-1 0'			043										
	1:05		BG-1 2'			044										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7-25-19	1:20pm				7/25/19	1330
7/25/19	1900			Courier	7/26/19	8:45

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

August 27, 2021

Brandon Schafer

Vertex Resources Services, Inc.
3101 Boyd Drive
Carlsbad, NM 88220
TEL: (505) 506-0040
FAX

RE: North Pure Gold 9 Federal 1H OrderNo.: 2108C51

Dear Brandon Schafer:

Hall Environmental Analysis Laboratory received 3 sample(s) on 8/24/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2108C51**
Date Reported: **8/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.
Client Sample ID: SS21-01 0.0'
Project: North Pure Gold 9 Federal 1H
Collection Date: 8/20/2021 9:00:00 AM
Lab ID: 2108C51-001 **Matrix:** SOIL
Received Date: 8/24/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	8/25/2021 11:50:53 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/25/2021 11:50:53 AM
Surr: DNOP	117	70-130		%Rec	1	8/25/2021 11:50:53 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/25/2021 7:15:00 PM
Surr: BFB	88.0	70-130		%Rec	1	8/25/2021 7:15:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.024		mg/Kg	1	8/25/2021 7:15:00 PM
Toluene	ND	0.048		mg/Kg	1	8/25/2021 7:15:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	8/25/2021 7:15:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	8/25/2021 7:15:00 PM
Surr: 4-Bromofluorobenzene	78.9	70-130		%Rec	1	8/25/2021 7:15:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	8/25/2021 12:30:47 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2108C51**
Date Reported: **8/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.
Client Sample ID: SS21-02 0.0'
Project: North Pure Gold 9 Federal 1H
Collection Date: 8/20/2021 9:10:00 AM
Lab ID: 2108C51-002 **Matrix:** SOIL
Received Date: 8/24/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/25/2021 12:00:38 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/25/2021 12:00:38 PM
Surr: DNOP	120	70-130		%Rec	1	8/25/2021 12:00:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/25/2021 7:35:00 PM
Surr: BFB	88.4	70-130		%Rec	1	8/25/2021 7:35:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.024		mg/Kg	1	8/25/2021 7:35:00 PM
Toluene	ND	0.049		mg/Kg	1	8/25/2021 7:35:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/25/2021 7:35:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	8/25/2021 7:35:00 PM
Surr: 4-Bromofluorobenzene	80.9	70-130		%Rec	1	8/25/2021 7:35:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	8/25/2021 1:08:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2108C51**
Date Reported: **8/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.
Client Sample ID: SS21-03 0.0'
Project: North Pure Gold 9 Federal 1H
Collection Date: 8/20/2021 9:20:00 AM
Lab ID: 2108C51-003 **Matrix:** SOIL
Received Date: 8/24/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/25/2021 12:10:22 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/25/2021 12:10:22 PM
Surr: DNOP	148	70-130	S	%Rec	1	8/25/2021 12:10:22 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/25/2021 8:36:00 PM
Surr: BFB	90.4	70-130		%Rec	1	8/25/2021 8:36:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.025		mg/Kg	1	8/25/2021 8:36:00 PM
Toluene	ND	0.050		mg/Kg	1	8/25/2021 8:36:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	8/25/2021 8:36:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	8/25/2021 8:36:00 PM
Surr: 4-Bromofluorobenzene	78.6	70-130		%Rec	1	8/25/2021 8:36:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	59		mg/Kg	20	8/25/2021 1:20:25 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C51**

27-Aug-21

Client: Vertex Resources Services, Inc.

Project: North Pure Gold 9 Federal 1H

Sample ID: **MB-62175** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **62175** RunNo: **80774**

Prep Date: **8/25/2021** Analysis Date: **8/25/2021** SeqNo: **2850725** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-62175** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **62175** RunNo: **80774**

Prep Date: **8/25/2021** Analysis Date: **8/25/2021** SeqNo: **2850726** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.4	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C51**

27-Aug-21

Client: Vertex Resources Services, Inc.

Project: North Pure Gold 9 Federal 1H

Sample ID: **LCS-62161** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **62161** RunNo: **80792**

Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850637** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.9	68.9	141			
Surr: DNOP	5.6		5.000		112	70	130			

Sample ID: **MB-62161** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **62161** RunNo: **80792**

Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850638** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		114	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C51**

27-Aug-21

Client: Vertex Resources Services, Inc.

Project: North Pure Gold 9 Federal 1H

Sample ID: **mb-62156** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **62156** RunNo: **80776**

Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850947** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.1	70	130			

Sample ID: **lcs-62156** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **62156** RunNo: **80776**

Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850948** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	78.6	131			
Surr: BFB	1100		1000		112	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C51**
27-Aug-21

Client: Vertex Resources Services, Inc.
Project: North Pure Gold 9 Federal 1H

Sample ID: **mb-62156** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **62156** RunNo: **80776**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850971** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.81		1.000		80.8	70	130			

Sample ID: **lcs-62156** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **62156** RunNo: **80776**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850972** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	83.6	80	120			
Toluene	0.86	0.050	1.000	0	85.8	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.9	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		84.3	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Vertex Resources Services, Inc.

Work Order Number: 2108C51

RcptNo: 1

Received By: Cheyenne Cason 8/24/2021 7:15:00 AM

Completed By: Sean Livingston 8/24/2021 9:03:17 AM

Reviewed By: SPA 8.24.21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: KPG 8/24/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.3	Good				

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: VERTEX

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 5-DAY
☑ Standard ☐ Rush

Project Name: North Pure Gold 9 Federal 1H

Project #: 21E-02816-010

Project Manager: Brandon Schafer

Sampler: AH
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 3.3 - 0 = 3.3 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2108051	BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8-20-21	0900	Soil	SS21-01 0.0'	Glass Jar	ICE	001	X	X					X			
↓	0910	Soil	SS21-02 0.0'	↓	↓	002	↓	↓					↓			
↓	0920	Soil	SS21-03 0.0'	↓	↓	003	↓	↓					↓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
			[signature]		8/23/21	1430
Date: 8/23/21	Time: 1900	Relinquished by: [signature]	Received by: [signature]	Via: Courier	Date 8/24/21	Time 0715

Remarks: CC: Brandon Schafer bschafer@vertex.ca

2RP-1771 & 2RP-3805

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

August 27, 2021

Brandon Schafer

Vertex Resources Services, Inc.
3101 Boyd Drive
Carlsbad, NM 88220
TEL: (505) 506-0040
FAX

RE: North Pure Gold 9 Federal 1H OrderNo.: 2108C52

Dear Brandon Schafer:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/24/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2108C52**
Date Reported: **8/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.
Client Sample ID: SS21-04 0.0'
Project: North Pure Gold 9 Federal 1H
Collection Date: 8/20/2021 10:00:00 AM
Lab ID: 2108C52-001 **Matrix:** SOIL
Received Date: 8/24/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/25/2021 12:20:07 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/25/2021 12:20:07 PM
Surr: DNOP	125	70-130		%Rec	1	8/25/2021 12:20:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/25/2021 8:56:00 PM
Surr: BFB	84.5	70-130		%Rec	1	8/25/2021 8:56:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.023		mg/Kg	1	8/25/2021 8:56:00 PM
Toluene	ND	0.046		mg/Kg	1	8/25/2021 8:56:00 PM
Ethylbenzene	ND	0.046		mg/Kg	1	8/25/2021 8:56:00 PM
Xylenes, Total	ND	0.093		mg/Kg	1	8/25/2021 8:56:00 PM
Surr: 4-Bromofluorobenzene	77.7	70-130		%Rec	1	8/25/2021 8:56:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	8/25/2021 6:05:55 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2108C52**
Date Reported: **8/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.
Client Sample ID: SS21-05 0.0'
Project: North Pure Gold 9 Federal 1H
Collection Date: 8/20/2021 10:15:00 AM
Lab ID: 2108C52-002 **Matrix:** SOIL
Received Date: 8/24/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/25/2021 12:29:54 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/25/2021 12:29:54 PM
Surr: DNOP	123	70-130		%Rec	1	8/25/2021 12:29:54 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/25/2021 9:17:00 PM
Surr: BFB	86.5	70-130		%Rec	1	8/25/2021 9:17:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.024		mg/Kg	1	8/25/2021 9:17:00 PM
Toluene	ND	0.049		mg/Kg	1	8/25/2021 9:17:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/25/2021 9:17:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	8/25/2021 9:17:00 PM
Surr: 4-Bromofluorobenzene	79.0	70-130		%Rec	1	8/25/2021 9:17:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	8/25/2021 6:43:10 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2108C52**
Date Reported: **8/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.
Client Sample ID: SS21-06 0.0'
Project: North Pure Gold 9 Federal 1H
Collection Date: 8/20/2021 10:30:00 AM
Lab ID: 2108C52-003 **Matrix:** SOIL
Received Date: 8/24/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/25/2021 12:39:41 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/25/2021 12:39:41 PM
Surr: DNOP	123	70-130		%Rec	1	8/25/2021 12:39:41 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/25/2021 9:37:00 PM
Surr: BFB	89.1	70-130		%Rec	1	8/25/2021 9:37:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **mb**
Benzene	ND	0.024		mg/Kg	1	8/25/2021 9:37:00 PM
Toluene	ND	0.047		mg/Kg	1	8/25/2021 9:37:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	8/25/2021 9:37:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	8/25/2021 9:37:00 PM
Surr: 4-Bromofluorobenzene	79.7	70-130		%Rec	1	8/25/2021 9:37:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	8/25/2021 6:55:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2108C52**
Date Reported: **8/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.
Client Sample ID: SS21-07 0.0'
Project: North Pure Gold 9 Federal 1H
Collection Date: 8/20/2021 10:45:00 AM
Lab ID: 2108C52-004 **Matrix:** SOIL
Received Date: 8/24/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/25/2021 12:49:31 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/25/2021 12:49:31 PM
Surr: DNOP	126	70-130		%Rec	1	8/25/2021 12:49:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/25/2021 7:58:43 PM
Surr: BFB	111	70-130		%Rec	1	8/25/2021 7:58:43 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/25/2021 7:58:43 PM
Toluene	ND	0.048		mg/Kg	1	8/25/2021 7:58:43 PM
Ethylbenzene	ND	0.048		mg/Kg	1	8/25/2021 7:58:43 PM
Xylenes, Total	ND	0.096		mg/Kg	1	8/25/2021 7:58:43 PM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	8/25/2021 7:58:43 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	8/25/2021 7:08:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C52**

27-Aug-21

Client: Vertex Resources Services, Inc.

Project: North Pure Gold 9 Federal 1H

Sample ID: **MB-62179** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **62179** RunNo: **80774**

Prep Date: **8/25/2021** Analysis Date: **8/25/2021** SeqNo: **2850756** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-62179** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **62179** RunNo: **80774**

Prep Date: **8/25/2021** Analysis Date: **8/25/2021** SeqNo: **2850757** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C52**

27-Aug-21

Client: Vertex Resources Services, Inc.

Project: North Pure Gold 9 Federal 1H

Sample ID: **LCS-62161** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **62161** RunNo: **80792**

Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850637** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.9	68.9	141			
Surr: DNOP	5.6		5.000		112	70	130			

Sample ID: **MB-62161** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **62161** RunNo: **80792**

Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850638** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		114	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C52**
27-Aug-21

Client: Vertex Resources Services, Inc.
Project: North Pure Gold 9 Federal 1H

Sample ID: **mb-62158** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **62158** RunNo: **80778**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850793** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: **lcs-62158** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **62158** RunNo: **80778**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850794** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	111	78.6	131			
Surr: BFB	1200		1000		116	70	130			

Sample ID: **2108c52-004ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **SS21-07 0.0'** Batch ID: **62158** RunNo: **80778**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850796** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.9	24.37	0	112	61.3	114			
Surr: BFB	1200		974.7		121	70	130			

Sample ID: **2108c52-004amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **SS21-07 0.0'** Batch ID: **62158** RunNo: **80778**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850797** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.9	24.49	0	120	61.3	114	6.86	20	S
Surr: BFB	1200		979.4		123	70	130	0	0	

Sample ID: **mb-62156** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **62156** RunNo: **80776**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850947** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.1	70	130			

Sample ID: **lcs-62156** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **62156** RunNo: **80776**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850948** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C52**
27-Aug-21

Client: Vertex Resources Services, Inc.
Project: North Pure Gold 9 Federal 1H

Sample ID: **lcs-62156** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **62156** RunNo: **80776**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850948** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	78.6	131			
Surr: BFB	1100		1000		112	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2108C52**
27-Aug-21

Client: Vertex Resources Services, Inc.
Project: North Pure Gold 9 Federal 1H

Sample ID: **mb-62158** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **62158** RunNo: **80778**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850826** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.0	70	130			

Sample ID: **LCS-62158** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **62158** RunNo: **80778**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850827** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.0	80	120			
Toluene	0.90	0.050	1.000	0	89.7	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.7	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: **mb-62156** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **62156** RunNo: **80776**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850971** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.81		1.000		80.8	70	130			

Sample ID: **lcs-62156** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **62156** RunNo: **80776**
Prep Date: **8/24/2021** Analysis Date: **8/25/2021** SeqNo: **2850972** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	83.6	80	120			
Toluene	0.86	0.050	1.000	0	85.8	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.9	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		84.3	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Vertex Resources Services, Inc.

Work Order Number: 2108C52

RcptNo: 1

Received By: Cheyenne Cason 8/24/2021 7:15:00 AM

Completed By: Sean Livingston 8/24/2021 9:09:01 AM

Reviewed By: KPG 8/24/21

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: SPA 8.24.21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.3	Good				

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: Vertex

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-Day
☑ Standard ☐ Rush

Project Name: North Pure Gold 9 Federal 1H

Project #: 21E-02816-010

Project Manager: Brandon Schafer
bschafer@vertex.ca

Sampler: Alt

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.3-0=3.3 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2108052
8-20-21	1000	Soil	SS21-04 0.0'	Glass Jar	ICE	001
	1015		SS21-05 0.0'			002
	1030		SS21-06 0.0'			003
	1045		SS21-07 0.0'			004

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(Cl, F, Br, NO_3, NO_2, PO_4, SO_4)	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
			[illegible]		8/23/21	1430
8/23/21	PM	[illegible]	[illegible]		8/24/21	0715

Remarks: CC: Brandon Schafer

2RP-4491

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 20, 2020

Amanda Davis

Devon Energy
6488 Seven Rivers Highway
Artesia, NM 88210
TEL: (505) 350-1336
FAX:

RE: North Pure Gold 9 Federal 1 Pasture OrderNo.: 2004605

Dear Amanda Davis:

Hall Environmental Analysis Laboratory received 9 sample(s) on 4/14/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,



Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BS20-03 1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-001 **Matrix:** SOIL **Received Date:** 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/17/2020 9:00:54 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/17/2020 9:00:54 AM
Surr: DNOP	94.8	55.1-146		%Rec	1	4/17/2020 9:00:54 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/16/2020 9:14:48 PM
Surr: BFB	98.6	66.6-105		%Rec	1	4/16/2020 9:14:48 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	4/16/2020 9:14:48 PM
Toluene	ND	0.049		mg/Kg	1	4/16/2020 9:14:48 PM
Ethylbenzene	ND	0.049		mg/Kg	1	4/16/2020 9:14:48 PM
Xylenes, Total	ND	0.098		mg/Kg	1	4/16/2020 9:14:48 PM
Surr: 4-Bromofluorobenzene	98.4	80-120		%Rec	1	4/16/2020 9:14:48 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	4/16/2020 9:52:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BS20-04 1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-002 **Matrix:** SOIL **Received Date:** 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/17/2020 10:12:31 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/17/2020 10:12:31 AM
Surr: DNOP	95.3	55.1-146		%Rec	1	4/17/2020 10:12:31 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/16/2020 10:25:56 PM
Surr: BFB	99.7	66.6-105		%Rec	1	4/16/2020 10:25:56 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	4/16/2020 10:25:56 PM
Toluene	ND	0.049		mg/Kg	1	4/16/2020 10:25:56 PM
Ethylbenzene	ND	0.049		mg/Kg	1	4/16/2020 10:25:56 PM
Xylenes, Total	ND	0.097		mg/Kg	1	4/16/2020 10:25:56 PM
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	4/16/2020 10:25:56 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	4/16/2020 10:29:02 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BS20-05 1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-003 **Matrix:** SOIL **Received Date:** 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	20	9.9		mg/Kg	1	4/17/2020 10:36:29 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/17/2020 10:36:29 AM
Surr: DNOP	94.6	55.1-146		%Rec	1	4/17/2020 10:36:29 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/16/2020 11:37:15 PM
Surr: BFB	103	66.6-105		%Rec	1	4/16/2020 11:37:15 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	4/16/2020 11:37:15 PM
Toluene	ND	0.047		mg/Kg	1	4/16/2020 11:37:15 PM
Ethylbenzene	ND	0.047		mg/Kg	1	4/16/2020 11:37:15 PM
Xylenes, Total	ND	0.094		mg/Kg	1	4/16/2020 11:37:15 PM
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/16/2020 11:37:15 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	4/16/2020 10:41:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: BS20-06 1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-004 **Matrix:** SOIL **Received Date:** 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	10	9.7		mg/Kg	1	4/17/2020 11:00:26 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/17/2020 11:00:26 AM
Surr: DNOP	97.2	55.1-146		%Rec	1	4/17/2020 11:00:26 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/17/2020 12:01:05 AM
Surr: BFB	102	66.6-105		%Rec	1	4/17/2020 12:01:05 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	4/17/2020 12:01:05 AM
Toluene	ND	0.047		mg/Kg	1	4/17/2020 12:01:05 AM
Ethylbenzene	ND	0.047		mg/Kg	1	4/17/2020 12:01:05 AM
Xylenes, Total	ND	0.095		mg/Kg	1	4/17/2020 12:01:05 AM
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	4/17/2020 12:01:05 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	61		mg/Kg	20	4/16/2020 10:53:44 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: WS20-03 0-1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-005 **Matrix:** SOIL
Received Date: 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/17/2020 11:24:27 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/17/2020 11:24:27 AM
Surr: DNOP	98.1	55.1-146		%Rec	1	4/17/2020 11:24:27 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/17/2020 1:36:31 AM
Surr: BFB	107	66.6-105	S	%Rec	1	4/17/2020 1:36:31 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	4/17/2020 1:36:31 AM
Toluene	ND	0.049		mg/Kg	1	4/17/2020 1:36:31 AM
Ethylbenzene	ND	0.049		mg/Kg	1	4/17/2020 1:36:31 AM
Xylenes, Total	ND	0.099		mg/Kg	1	4/17/2020 1:36:31 AM
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	4/17/2020 1:36:31 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	4/16/2020 11:06:05 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: WS20-04 0-1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-006 **Matrix:** SOIL
Received Date: 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	13	9.7		mg/Kg	1	4/17/2020 11:48:26 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/17/2020 11:48:26 AM
Surr: DNOP	98.7	55.1-146		%Rec	1	4/17/2020 11:48:26 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/17/2020 2:00:18 AM
Surr: BFB	99.4	66.6-105		%Rec	1	4/17/2020 2:00:18 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	4/17/2020 2:00:18 AM
Toluene	ND	0.048		mg/Kg	1	4/17/2020 2:00:18 AM
Ethylbenzene	ND	0.048		mg/Kg	1	4/17/2020 2:00:18 AM
Xylenes, Total	ND	0.096		mg/Kg	1	4/17/2020 2:00:18 AM
Surr: 4-Bromofluorobenzene	98.2	80-120		%Rec	1	4/17/2020 2:00:18 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	4/16/2020 11:18:25 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: WS20-05 0-1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-007 **Matrix:** SOIL
Received Date: 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	17	9.6		mg/Kg	1	4/17/2020 12:12:23 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/17/2020 12:12:23 PM
Surr: DNOP	99.2	55.1-146		%Rec	1	4/17/2020 12:12:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/17/2020 2:24:09 AM
Surr: BFB	102	66.6-105		%Rec	1	4/17/2020 2:24:09 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	4/17/2020 2:24:09 AM
Toluene	ND	0.050		mg/Kg	1	4/17/2020 2:24:09 AM
Ethylbenzene	ND	0.050		mg/Kg	1	4/17/2020 2:24:09 AM
Xylenes, Total	ND	0.10		mg/Kg	1	4/17/2020 2:24:09 AM
Surr: 4-Bromofluorobenzene	99.8	80-120		%Rec	1	4/17/2020 2:24:09 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	4/16/2020 11:55:26 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: WS20-06 0-1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-008 **Matrix:** SOIL
Received Date: 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	39	9.7		mg/Kg	1	4/17/2020 12:36:21 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/17/2020 12:36:21 PM
Surr: DNOP	100	55.1-146		%Rec	1	4/17/2020 12:36:21 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/17/2020 2:48:00 AM
Surr: BFB	103	66.6-105		%Rec	1	4/17/2020 2:48:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	4/17/2020 2:48:00 AM
Toluene	ND	0.049		mg/Kg	1	4/17/2020 2:48:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	4/17/2020 2:48:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	4/17/2020 2:48:00 AM
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/17/2020 2:48:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	59		mg/Kg	20	4/17/2020 12:07:47 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2004605**
Date Reported: **4/20/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy
Client Sample ID: WS20-07 0-1'
Project: North Pure Gold 9 Federal 1 Pasture
Collection Date: 4/9/2020
Lab ID: 2004605-009 **Matrix:** SOIL
Received Date: 4/14/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/17/2020 1:00:26 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/17/2020 1:00:26 PM
Surr: DNOP	101	55.1-146		%Rec	1	4/17/2020 1:00:26 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/17/2020 3:11:55 AM
Surr: BFB	103	66.6-105		%Rec	1	4/17/2020 3:11:55 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	4/17/2020 3:11:55 AM
Toluene	ND	0.049		mg/Kg	1	4/17/2020 3:11:55 AM
Ethylbenzene	ND	0.049		mg/Kg	1	4/17/2020 3:11:55 AM
Xylenes, Total	ND	0.098		mg/Kg	1	4/17/2020 3:11:55 AM
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/17/2020 3:11:55 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	4/17/2020 12:20:08 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2004605**
20-Apr-20

Client: Devon Energy
Project: North Pure Gold 9 Federal 1 Pasture

Sample ID: **MB-51876**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **51876**	RunNo: **68197**							
Prep Date: **4/16/2020**	Analysis Date: **4/16/2020**	SeqNo: **2357951**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-51876**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **51876**	RunNo: **68197**							
Prep Date: **4/16/2020**	Analysis Date: **4/16/2020**	SeqNo: **2357952**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2004605**
20-Apr-20

Client: Devon Energy
Project: North Pure Gold 9 Federal 1 Pasture

Sample ID: **MB-51831** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **51831** RunNo: **68225**
Prep Date: **4/15/2020** Analysis Date: **4/17/2020** SeqNo: **2359466** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	6.0		10.00		60.1	55.1	146			

Sample ID: **LCS-51831** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **51831** RunNo: **68225**
Prep Date: **4/15/2020** Analysis Date: **4/17/2020** SeqNo: **2359468** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.9	70	130			
Surr: DNOP	4.2		5.000		84.9	55.1	146			

Sample ID: **2004605-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BS20-03 1'** Batch ID: **51831** RunNo: **68225**
Prep Date: **4/15/2020** Analysis Date: **4/17/2020** SeqNo: **2359469** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.1	45.58	0	97.5	47.4	136			
Surr: DNOP	4.3		4.558		93.6	55.1	146			

Sample ID: **2004605-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **BS20-03 1'** Batch ID: **51831** RunNo: **68225**
Prep Date: **4/15/2020** Analysis Date: **4/17/2020** SeqNo: **2359471** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	49.75	0	97.4	47.4	136	8.66	43.4	
Surr: DNOP	4.7		4.975		94.2	55.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2004605**
20-Apr-20

Client: Devon Energy
Project: North Pure Gold 9 Federal 1 Pasture

Sample ID: **2004605-002ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **BS20-04 1'** Batch ID: **51823** RunNo: **68175**
Prep Date: **4/15/2020** Analysis Date: **4/16/2020** SeqNo: **2357844** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	24.85	0	93.9	80	120			
Surr: BFB	1100		994.0		112	66.6	105			S

Sample ID: **2004605-002amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **BS20-04 1'** Batch ID: **51823** RunNo: **68175**
Prep Date: **4/15/2020** Analysis Date: **4/16/2020** SeqNo: **2357845** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	23.95	0	101	80	120	3.64	20	
Surr: BFB	1100		957.9		114	66.6	105	0	0	S

Sample ID: **lcs-51823** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **51823** RunNo: **68175**
Prep Date: **4/15/2020** Analysis Date: **4/16/2020** SeqNo: **2357869** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.4	80	120			
Surr: BFB	1100		1000		107	66.6	105			S

Sample ID: **mb-51823** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **51823** RunNo: **68175**
Prep Date: **4/15/2020** Analysis Date: **4/17/2020** SeqNo: **2357871** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	66.6	105			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2004605**

20-Apr-20

Client: Devon Energy

Project: North Pure Gold 9 Federal 1 Pasture

Sample ID: **100ng btex lcsb** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **R68175** RunNo: **68175**

Prep Date: Analysis Date: **4/16/2020** SeqNo: **2357876** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID: **2004605-001ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **BS20-03 1'** Batch ID: **51823** RunNo: **68175**

Prep Date: **4/15/2020** Analysis Date: **4/16/2020** SeqNo: **2357894** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	0.9814	0	97.2	78.5	119			
Toluene	0.98	0.049	0.9814	0	99.7	75.7	123			
Ethylbenzene	1.0	0.049	0.9814	0	103	74.3	126			
Xylenes, Total	3.1	0.098	2.944	0	104	72.9	130			
Surr: 4-Bromofluorobenzene	1.0		0.9814		105	80	120			

Sample ID: **2004605-001amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **BS20-03 1'** Batch ID: **51823** RunNo: **68175**

Prep Date: **4/15/2020** Analysis Date: **4/16/2020** SeqNo: **2357895** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9416	0	92.1	78.5	119	9.51	20	
Toluene	0.91	0.047	0.9416	0	96.2	75.7	123	7.69	20	
Ethylbenzene	0.95	0.047	0.9416	0	101	74.3	126	6.41	20	
Xylenes, Total	2.9	0.094	2.825	0	102	72.9	130	6.62	20	
Surr: 4-Bromofluorobenzene	0.98		0.9416		104	80	120	0	0	

Sample ID: **LCS-51823** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **51823** RunNo: **68175**

Prep Date: **4/15/2020** Analysis Date: **4/16/2020** SeqNo: **2357918** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.4	80	120			
Toluene	0.91	0.050	1.000	0	91.1	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.7	80	120			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	80	120			

Sample ID: **mb1** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **R68175** RunNo: **68175**

Prep Date: Analysis Date: **4/16/2020** SeqNo: **2357919** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2004605**
20-Apr-20

Client: Devon Energy
Project: North Pure Gold 9 Federal 1 Pasture

Sample ID: **mb1**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R68175**	RunNo: **68175**
Prep Date:	Analysis Date: **4/16/2020**	SeqNo: **2357919** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID: **mb-51823**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **51823**	RunNo: **68175**
Prep Date: **4/15/2020**	Analysis Date: **4/17/2020**	SeqNo: **2357920** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: DEVON ENERGY Work Order Number: 2004605 RcptNo: 1

Received By: **Isaiah Ortiz** 4/14/2020 I-OK

Completed By: **John Caldwell** 4/14/2020 8:43:33 AM John Caldwell

Reviewed By: JR 4/14/20

Chain of Custody

1. Is Chain of Custody sufficiently complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: DAD 4/14/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good				

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: Devon

A. Davis / W. Mathews

Mailing Address: 6488 Seven Rivers Hwy

Artesia NM 88210

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 Day

☑ Standard ☐ Rush

Project Name: North Pure Gold 9 Federal 1 Pasture

Project #: 19E-00575

Project Manager: Natalie Gordon

Sampler: MJP

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.3-0.1(CF)=4.3' (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204005	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/9		Soil	BS20-03 1'	4oz	ice	-001	✓	✓					✓			
			BS20-04 1'			-002	✓	✓					✓			
			BS20-05 1'			-003	✓	✓					✓			
			BS20-06 1'			-004	✓	✓					✓			
			WS20-03 0-1'			-005	✓	✓					✓			
			WS20-04 0-1'			-006	✓	✓					✓			
			WS20-05 0-1'			-007	✓	✓					✓			
			WS20-06 0-1'			-008	✓	✓					✓			
			WS20-07 0-1'			-009	✓	✓					✓			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/13/20	1300				4/13/20	1300
4/13/20	1900				4/14/20	0820

Remarks: Direct bill Devon CC: Natalie Gordon

W/O # 20713715

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Sally Carttar
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 5/13/2025 4:43:57 PM

JOB DESCRIPTION

North Pure Gold 9 Fed 1

JOB NUMBER

885-24275-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 5/4/2026 3:49:54 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
5/13/2025 4:43:57 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Laboratory Job ID: 885-24275-1

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Definitions/Glossary

Client: Vertex Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Qualifiers

GC VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex
Project: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Job ID: 885-24275-1 Eurofins Albuquerque

Job Narrative
885-24275-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/6/2025 7:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

Gasoline Range Organics
Method 8015D_GRO: Surrogate recovery for the following sample was outside control limits: BS25-53 (2') (885-24275-32). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D_GRO: Due to the high concentration of GRO, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 885-25670 and analytical batch 885-25791 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015D_GRO: Surrogate recovery for the following samples were outside control limits: (885-24275-A-32-B MS) and (885-24275-A-32-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D_GRO: Surrogate recovery for the following samples were outside control limits: BS25-39 (2') (885-24275-21), BS25-40 (2') (885-24275-22), BS25-41 (2') (885-24275-23), BS25-45 (2') (885-24275-25) and BS25-46 (2') (885-24275-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D_GRO: Surrogate recovery for the following samples were outside control limits: BS25-55 (2') (885-24275-34), BS25-56 (2') (885-24275-35) and BS25-60 (2') (885-24275-39). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D_GRO: Surrogate recovery for the following sample was outside control limits: BS25-54 (2') (885-24275-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: BS25-45 (2') (885-24275-25) and BS25-46 (2') (885-24275-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BS25-60 (2') (885-24275-39). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: Surrogate recovery for the following sample is outside the lower control limit: BS25-39 (2') (885-24275-21). Due to possible matrix effect, surrogate is outside lower control limit. MS/MSD have passing surrogate.

Method 8015D_DRO: The following samples required a dilution due to the nature of the sample matrix: BS25-24 (1') (885-24275-6), BS25-40 (2') (885-24275-22), BS25-41 (2') (885-24275-23), BS25-45 (2') (885-24275-25), BS25-46 (2')

Case Narrative

Client: Vertex Job ID: 885-24275-1
Project: North Pure Gold 9 Fed 1

Job ID: 885-24275-1 (Continued) Eurofins Albuquerque

(885-24275-26) and BS25-48 (2') (885-24275-27). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8015D_DRO: Surrogate recovery for the following samples is outside the upper control limit: BS25-53 (2') (885-24275-32), BS25-54 (2') (885-24275-33), BS25-55 (2') (885-24275-34), BS25-57 (2') (885-24275-36) and BS25-58 (2') (885-24275-37). These samples are diluted below calibration range for surrogate and matrix effect is also suspected. Therefore, these samples are reported.

Method 8015D_DRO: The following samples were diluted due to the nature of the sample matrix: BS25-56 (2') (885-24275-35) and BS25-60 (2') (885-24275-39)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-19 (1')

Date Collected: 05/02/25 10:10
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 11:52	05/07/25 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*05/06/25 11:52*	*05/07/25 17:25*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 11:52	05/07/25 17:25	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 17:25	1
Toluene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 17:25	1
Xylenes, Total	ND		0.096		mg/Kg		05/06/25 11:52	05/07/25 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*05/06/25 11:52*	*05/07/25 17:25*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		05/07/25 12:36	05/08/25 09:22	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		05/07/25 12:36	05/08/25 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*05/07/25 12:36*	*05/08/25 09:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 06:22	05/07/25 13:43	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-20 (1')
Lab Sample ID: 885-24275-2

Date Collected: 05/02/25 10:15
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		05/06/25 11:52	05/07/25 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*05/06/25 11:52*	*05/07/25 18:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 11:52	05/07/25 18:08	1
Ethylbenzene	ND		0.049		mg/Kg		05/06/25 11:52	05/07/25 18:08	1
Toluene	ND		0.049		mg/Kg		05/06/25 11:52	05/07/25 18:08	1
Xylenes, Total	ND		0.097		mg/Kg		05/06/25 11:52	05/07/25 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*05/06/25 11:52*	*05/07/25 18:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		05/07/25 12:36	05/08/25 09:54	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		05/07/25 12:36	05/08/25 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*05/07/25 12:36*	*05/08/25 09:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 08:40	05/07/25 10:55	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-21 (1')
Lab Sample ID: 885-24275-3
Date Collected: 05/02/25 10:20
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 11:52	05/07/25 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*05/06/25 11:52*	*05/07/25 18:30*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 11:52	05/07/25 18:30	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 18:30	1
Toluene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 18:30	1
Xylenes, Total	ND		0.096		mg/Kg		05/06/25 11:52	05/07/25 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*05/06/25 11:52*	*05/07/25 18:30*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1900**		50		mg/Kg		05/07/25 12:36	05/08/25 10:04	5
Motor Oil Range Organics [C28-C40]	**1100**		250		mg/Kg		05/07/25 12:36	05/08/25 10:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*130*		*62 - 134*	*05/07/25 12:36*	*05/08/25 10:04*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75**		60		mg/Kg		05/07/25 08:40	05/07/25 11:25	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-22 (1')
Lab Sample ID: 885-24275-4
Date Collected: 05/02/25 10:25
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 11:52	05/07/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*05/06/25 11:52*	*05/07/25 18:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 11:52	05/07/25 18:51	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 18:51	1
Toluene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 18:51	1
Xylenes, Total	ND		0.096		mg/Kg		05/06/25 11:52	05/07/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*05/06/25 11:52*	*05/07/25 18:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**130**		9.4		mg/Kg		05/07/25 12:36	05/09/25 09:28	1
Motor Oil Range Organics [C28-C40]	**230**		47		mg/Kg		05/07/25 12:36	05/09/25 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*123*		*62 - 134*	*05/07/25 12:36*	*05/09/25 09:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 08:40	05/07/25 12:14	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-23 (1')
Lab Sample ID: 885-24275-5

Date Collected: 05/02/25 10:30
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		05/06/25 11:52	05/07/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*35 - 166*	*05/06/25 11:52*	*05/07/25 19:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 11:52	05/07/25 19:13	1
Ethylbenzene	ND		0.049		mg/Kg		05/06/25 11:52	05/07/25 19:13	1
Toluene	ND		0.049		mg/Kg		05/06/25 11:52	05/07/25 19:13	1
Xylenes, Total	ND		0.099		mg/Kg		05/06/25 11:52	05/07/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*48 - 145*	*05/06/25 11:52*	*05/07/25 19:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**250**		9.5		mg/Kg		05/07/25 12:36	05/09/25 09:52	1
Motor Oil Range Organics [C28-C40]	**230**		47		mg/Kg		05/07/25 12:36	05/09/25 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*05/07/25 12:36*	*05/09/25 09:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**570**		60		mg/Kg		05/07/25 08:40	05/07/25 12:24	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-24 (1')
Lab Sample ID: 885-24275-6

Date Collected: 05/02/25 10:35
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 11:52	05/07/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*35 - 166*	*05/06/25 11:52*	*05/07/25 19:35*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 11:52	05/07/25 19:35	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 19:35	1
Toluene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 19:35	1
Xylenes, Total	ND		0.096		mg/Kg		05/06/25 11:52	05/07/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*05/06/25 11:52*	*05/07/25 19:35*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2000**		190		mg/Kg		05/07/25 12:36	05/09/25 10:15	20
Motor Oil Range Organics [C28-C40]	**2400**		970		mg/Kg		05/07/25 12:36	05/09/25 10:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/07/25 12:36*	*05/09/25 10:15*	*20*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13000**		150		mg/Kg		05/07/25 08:40	05/09/25 10:40	50

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-25 (0-2')

Date Collected: 05/02/25 10:40
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-7

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		05/06/25 11:52	05/07/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*35 - 166*	*05/06/25 11:52*	*05/07/25 19:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 11:52	05/07/25 19:56	1
Ethylbenzene	ND		0.049		mg/Kg		05/06/25 11:52	05/07/25 19:56	1
Toluene	ND		0.049		mg/Kg		05/06/25 11:52	05/07/25 19:56	1
Xylenes, Total	ND		0.099		mg/Kg		05/06/25 11:52	05/07/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*05/06/25 11:52*	*05/07/25 19:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**60**		9.6		mg/Kg		05/07/25 12:36	05/09/25 11:02	1
Motor Oil Range Organics [C28-C40]	**48**		48		mg/Kg		05/07/25 12:36	05/09/25 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*118*		*62 - 134*	*05/07/25 12:36*	*05/09/25 11:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3200**		60		mg/Kg		05/07/25 08:40	05/07/25 12:43	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-26 (0-2')
Lab Sample ID: 885-24275-8
Date Collected: 05/02/25 10:45
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		05/06/25 11:52	05/07/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*05/06/25 11:52*	*05/07/25 20:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 11:52	05/07/25 20:18	1
Ethylbenzene	ND		0.047		mg/Kg		05/06/25 11:52	05/07/25 20:18	1
Toluene	ND		0.047		mg/Kg		05/06/25 11:52	05/07/25 20:18	1
Xylenes, Total	ND		0.095		mg/Kg		05/06/25 11:52	05/07/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*05/06/25 11:52*	*05/07/25 20:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		05/07/25 12:36	05/09/25 11:25	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		05/07/25 12:36	05/09/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*120*		*62 - 134*	*05/07/25 12:36*	*05/09/25 11:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		60		mg/Kg		05/07/25 08:40	05/07/25 12:53	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-27 (0-2')
Lab Sample ID: 885-24275-9
Date Collected: 05/02/25 10:50
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		05/06/25 11:52	05/07/25 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*05/06/25 11:52*	*05/07/25 20:40*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 11:52	05/07/25 20:40	1
Ethylbenzene	ND		0.046		mg/Kg		05/06/25 11:52	05/07/25 20:40	1
Toluene	ND		0.046		mg/Kg		05/06/25 11:52	05/07/25 20:40	1
Xylenes, Total	ND		0.092		mg/Kg		05/06/25 11:52	05/07/25 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 11:52*	*05/07/25 20:40*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**250**		9.7		mg/Kg		05/07/25 12:36	05/08/25 11:18	1
Motor Oil Range Organics [C28-C40]	**200**		48		mg/Kg		05/07/25 12:36	05/08/25 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*	*05/07/25 12:36*	*05/08/25 11:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		60		mg/Kg		05/07/25 08:40	05/07/25 13:03	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-28 (0-2')
Lab Sample ID: 885-24275-10
Date Collected: 05/02/25 10:55
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 11:52	05/07/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*05/06/25 11:52*	*05/07/25 21:02*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 11:52	05/07/25 21:02	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 21:02	1
Toluene	ND		0.048		mg/Kg		05/06/25 11:52	05/07/25 21:02	1
Xylenes, Total	ND		0.096		mg/Kg		05/06/25 11:52	05/07/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 11:52*	*05/07/25 21:02*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		05/07/25 12:36	05/09/25 11:49	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/07/25 12:36	05/09/25 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*05/07/25 12:36*	*05/09/25 11:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 08:40	05/07/25 13:13	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-29 (0-2')
Lab Sample ID: 885-24275-11
Date Collected: 05/02/25 11:00
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		05/06/25 11:52	05/07/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*05/06/25 11:52*	*05/07/25 21:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 11:52	05/07/25 21:24	1
Ethylbenzene	ND		0.047		mg/Kg		05/06/25 11:52	05/07/25 21:24	1
Toluene	ND		0.047		mg/Kg		05/06/25 11:52	05/07/25 21:24	1
Xylenes, Total	ND		0.093		mg/Kg		05/06/25 11:52	05/07/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*05/06/25 11:52*	*05/07/25 21:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		05/07/25 12:36	05/08/25 11:40	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		05/07/25 12:36	05/08/25 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*05/07/25 12:36*	*05/08/25 11:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 08:40	05/07/25 13:23	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-30 (0-2')

Date Collected: 05/02/25 11:05
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-12

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 12:54	05/08/25 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*05/06/25 12:54*	*05/08/25 13:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 12:54	05/08/25 13:24	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 12:54	05/08/25 13:24	1
Toluene	ND		0.048		mg/Kg		05/06/25 12:54	05/08/25 13:24	1
Xylenes, Total	ND		0.097		mg/Kg		05/06/25 12:54	05/08/25 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 12:54*	*05/08/25 13:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**39**		9.3		mg/Kg		05/07/25 12:36	05/09/25 12:36	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		05/07/25 12:36	05/09/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*120*		*62 - 134*	*05/07/25 12:36*	*05/09/25 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 08:40	05/07/25 13:33	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-31 (0-2')
Lab Sample ID: 885-24275-13
Date Collected: 05/02/25 11:10
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		05/06/25 12:54	05/08/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*05/06/25 12:54*	*05/08/25 14:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 12:54	05/08/25 14:29	1
Ethylbenzene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 14:29	1
Toluene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 14:29	1
Xylenes, Total	ND		0.10		mg/Kg		05/06/25 12:54	05/08/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 12:54*	*05/08/25 14:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**12**		10		mg/Kg		05/07/25 12:36	05/08/25 12:01	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		05/07/25 12:36	05/08/25 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*05/07/25 12:36*	*05/08/25 12:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61**		60		mg/Kg		05/07/25 08:40	05/07/25 13:42	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-32 (2')
Lab Sample ID: 885-24275-14

Date Collected: 05/02/25 11:15
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		05/06/25 12:54	05/08/25 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*35 - 166*	*05/06/25 12:54*	*05/08/25 15:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 12:54	05/08/25 15:34	1
Ethylbenzene	ND		0.049		mg/Kg		05/06/25 12:54	05/08/25 15:34	1
Toluene	ND		0.049		mg/Kg		05/06/25 12:54	05/08/25 15:34	1
Xylenes, Total	ND		0.098		mg/Kg		05/06/25 12:54	05/08/25 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*05/06/25 12:54*	*05/08/25 15:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1100**		19		mg/Kg		05/07/25 12:36	05/08/25 12:12	2
Motor Oil Range Organics [C28-C40]	**1100**		95		mg/Kg		05/07/25 12:36	05/08/25 12:12	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*129*		*62 - 134*	*05/07/25 12:36*	*05/08/25 12:12*	*2*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		60		mg/Kg		05/07/25 08:40	05/07/25 14:12	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-33 (2')

Date Collected: 05/02/25 11:20
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-15

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		05/06/25 12:54	05/08/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*05/06/25 12:54*	*05/08/25 15:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 12:54	05/08/25 15:56	1
Ethylbenzene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 15:56	1
Toluene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 15:56	1
Xylenes, Total	ND		0.099		mg/Kg		05/06/25 12:54	05/08/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*05/06/25 12:54*	*05/08/25 15:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**230**		9.9		mg/Kg		05/07/25 12:36	05/09/25 12:59	1
Motor Oil Range Organics [C28-C40]	**350**		50		mg/Kg		05/07/25 12:36	05/09/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*119*		*62 - 134*	*05/07/25 12:36*	*05/09/25 12:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		05/07/25 08:40	05/07/25 14:22	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-34 (2')
Lab Sample ID: 885-24275-16

Date Collected: 05/02/25 11:25
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		05/06/25 12:54	05/08/25 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*05/06/25 12:54*	*05/08/25 16:17*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 12:54	05/08/25 16:17	1
Ethylbenzene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 16:17	1
Toluene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 16:17	1
Xylenes, Total	ND		0.093		mg/Kg		05/06/25 12:54	05/08/25 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*48 - 145*	*05/06/25 12:54*	*05/08/25 16:17*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**31**		9.8		mg/Kg		05/07/25 12:36	05/09/25 13:47	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		05/07/25 12:36	05/09/25 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*122*		*62 - 134*	*05/07/25 12:36*	*05/09/25 13:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		60		mg/Kg		05/07/25 08:40	05/07/25 14:32	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-35 (2')

Date Collected: 05/02/25 11:30
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-17

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		05/06/25 12:54	05/08/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*05/06/25 12:54*	*05/08/25 16:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 12:54	05/08/25 16:39	1
Ethylbenzene	ND		0.049		mg/Kg		05/06/25 12:54	05/08/25 16:39	1
Toluene	ND		0.049		mg/Kg		05/06/25 12:54	05/08/25 16:39	1
Xylenes, Total	ND		0.098		mg/Kg		05/06/25 12:54	05/08/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 12:54*	*05/08/25 16:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**110**		9.6		mg/Kg		05/07/25 12:36	05/09/25 18:56	1
Motor Oil Range Organics [C28-C40]	**190**		48		mg/Kg		05/07/25 12:36	05/09/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*127*		*62 - 134*	*05/07/25 12:36*	*05/09/25 18:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 08:40	05/07/25 14:41	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-36 (2')
Lab Sample ID: 885-24275-18
Date Collected: 05/02/25 11:35
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		05/06/25 12:54	05/08/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*35 - 166*	*05/06/25 12:54*	*05/08/25 17:01*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 12:54	05/08/25 17:01	1
Ethylbenzene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 17:01	1
Toluene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 17:01	1
Xylenes, Total	ND		0.099		mg/Kg		05/06/25 12:54	05/08/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*05/06/25 12:54*	*05/08/25 17:01*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**47**		19		mg/Kg		05/07/25 12:36	05/09/25 19:19	2
Motor Oil Range Organics [C28-C40]	**170**		94		mg/Kg		05/07/25 12:36	05/09/25 19:19	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*05/07/25 12:36*	*05/09/25 19:19*	*2*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 08:40	05/07/25 14:51	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-37 (2')
Lab Sample ID: 885-24275-19

Date Collected: 05/02/25 11:40
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 12:54	05/08/25 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*05/06/25 12:54*	*05/08/25 17:22*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 12:54	05/08/25 17:22	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 12:54	05/08/25 17:22	1
Toluene	ND		0.048		mg/Kg		05/06/25 12:54	05/08/25 17:22	1
Xylenes, Total	ND		0.095		mg/Kg		05/06/25 12:54	05/08/25 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 12:54*	*05/08/25 17:22*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		05/07/25 12:36	05/08/25 13:07	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		05/07/25 12:36	05/08/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*05/07/25 12:36*	*05/08/25 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		60		mg/Kg		05/07/25 08:40	05/07/25 15:01	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-38 (2')
Lab Sample ID: 885-24275-20

Date Collected: 05/02/25 11:45
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		05/06/25 12:54	05/08/25 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*35 - 166*	*05/06/25 12:54*	*05/08/25 17:44*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 12:54	05/08/25 17:44	1
Ethylbenzene	ND		0.048		mg/Kg		05/06/25 12:54	05/08/25 17:44	1
Toluene	ND		0.048		mg/Kg		05/06/25 12:54	05/08/25 17:44	1
Xylenes, Total	ND		0.097		mg/Kg		05/06/25 12:54	05/08/25 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*05/06/25 12:54*	*05/08/25 17:44*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1200**		19		mg/Kg		05/07/25 12:36	05/13/25 14:12	2
Motor Oil Range Organics [C28-C40]	**1200**		93		mg/Kg		05/07/25 12:36	05/13/25 14:12	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*05/07/25 12:36*	*05/13/25 14:12*	*2*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 09:48	05/07/25 15:20	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-39 (2')
Lab Sample ID: 885-24275-21

Date Collected: 05/02/25 11:50
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**75**		4.8		mg/Kg		05/06/25 12:54	05/08/25 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*218*	*S1+*	*35 - 166*	*05/06/25 12:54*	*05/08/25 18:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/06/25 12:54	05/08/25 18:06	1
Ethylbenzene	**0.13**		0.048		mg/Kg		05/06/25 12:54	05/08/25 18:06	1
Toluene	ND		0.048		mg/Kg		05/06/25 12:54	05/08/25 18:06	1
Xylenes, Total	**0.69**		0.096		mg/Kg		05/06/25 12:54	05/08/25 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*48 - 145*	*05/06/25 12:54*	*05/08/25 18:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2600**		47		mg/Kg		05/07/25 12:17	05/07/25 16:52	5
Motor Oil Range Organics [C28-C40]	**2400**		230		mg/Kg		05/07/25 12:17	05/07/25 16:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*58*	*S1- D*	*62 - 134*	*05/07/25 12:17*	*05/07/25 16:52*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		60		mg/Kg		05/07/25 09:48	05/07/25 15:51	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-40 (2')
Lab Sample ID: 885-24275-22

Date Collected: 05/02/25 11:55
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**360**		25		mg/Kg		05/06/25 12:54	05/08/25 18:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*242*	*S1+*	*35 - 166*	*05/06/25 12:54*	*05/08/25 18:49*	*5*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.12		mg/Kg		05/06/25 12:54	05/08/25 18:49	5
Ethylbenzene	**1.1**		0.25		mg/Kg		05/06/25 12:54	05/08/25 18:49	5
Toluene	ND		0.25		mg/Kg		05/06/25 12:54	05/08/25 18:49	5
Xylenes, Total	**5.3**		0.50		mg/Kg		05/06/25 12:54	05/08/25 18:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*		*48 - 145*	*05/06/25 12:54*	*05/08/25 18:49*	*5*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4100**		98		mg/Kg		05/07/25 12:17	05/09/25 05:37	10
Motor Oil Range Organics [C28-C40]	**2600**		490		mg/Kg		05/07/25 12:17	05/09/25 05:37	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/07/25 12:17*	*05/09/25 05:37*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**580**		60		mg/Kg		05/07/25 09:48	05/07/25 16:22	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-41 (2')
Lab Sample ID: 885-24275-23
Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**370**		24		mg/Kg		05/06/25 12:54	05/08/25 19:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*273*	*S1+*	*35 - 166*	*05/06/25 12:54*	*05/08/25 19:11*	*5*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.12		mg/Kg		05/06/25 12:54	05/08/25 19:11	5
Ethylbenzene	**0.86**		0.24		mg/Kg		05/06/25 12:54	05/08/25 19:11	5
Toluene	ND		0.24		mg/Kg		05/06/25 12:54	05/08/25 19:11	5
Xylenes, Total	**3.2**		0.48		mg/Kg		05/06/25 12:54	05/08/25 19:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*		*48 - 145*	*05/06/25 12:54*	*05/08/25 19:11*	*5*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4700**		95		mg/Kg		05/07/25 12:17	05/09/25 06:00	10
Motor Oil Range Organics [C28-C40]	**3300**		470		mg/Kg		05/07/25 12:17	05/09/25 06:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/07/25 12:17*	*05/09/25 06:00*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 09:48	05/07/25 16:33	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-43 (2')
Lab Sample ID: 885-24275-24
Date Collected: 05/02/25 12:05
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		05/06/25 12:54	05/08/25 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*35 - 166*	*05/06/25 12:54*	*05/08/25 19:32*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 12:54	05/08/25 19:32	1
Ethylbenzene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 19:32	1
Toluene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 19:32	1
Xylenes, Total	ND		0.099		mg/Kg		05/06/25 12:54	05/08/25 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*05/06/25 12:54*	*05/08/25 19:32*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**16**		9.9		mg/Kg		05/07/25 12:17	05/09/25 08:19	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		05/07/25 12:17	05/09/25 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*120*		*62 - 134*	*05/07/25 12:17*	*05/09/25 08:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 09:48	05/07/25 16:43	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-45 (2')
Lab Sample ID: 885-24275-25
Date Collected: 05/02/25 12:10
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**130**		4.6		mg/Kg		05/06/25 12:54	05/08/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*235*	*S1+*	*35 - 166*	*05/06/25 12:54*	*05/08/25 19:54*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 12:54	05/08/25 19:54	1
Ethylbenzene	**0.15**		0.046		mg/Kg		05/06/25 12:54	05/08/25 19:54	1
Toluene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 19:54	1
Xylenes, Total	**1.1**		0.092		mg/Kg		05/06/25 12:54	05/08/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*48 - 145*	*05/06/25 12:54*	*05/08/25 19:54*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4900**		97		mg/Kg		05/07/25 12:17	05/09/25 06:23	10
Motor Oil Range Organics [C28-C40]	**4000**		480		mg/Kg		05/07/25 12:17	05/09/25 06:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/07/25 12:17*	*05/09/25 06:23*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 09:48	05/07/25 16:53	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-46 (2')
Lab Sample ID: 885-24275-26
Date Collected: 05/02/25 12:15
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**60**		4.6		mg/Kg		05/06/25 12:54	05/08/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*275*	*S1+*	*35 - 166*	*05/06/25 12:54*	*05/08/25 20:16*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 12:54	05/08/25 20:16	1
Ethylbenzene	**0.16**		0.046		mg/Kg		05/06/25 12:54	05/08/25 20:16	1
Toluene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 20:16	1
Xylenes, Total	**0.84**		0.091		mg/Kg		05/06/25 12:54	05/08/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*48 - 145*	*05/06/25 12:54*	*05/08/25 20:16*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2800**		98		mg/Kg		05/07/25 12:17	05/09/25 06:46	10
Motor Oil Range Organics [C28-C40]	**2700**		490		mg/Kg		05/07/25 12:17	05/09/25 06:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/07/25 12:17*	*05/09/25 06:46*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		05/07/25 09:48	05/07/25 17:24	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-48 (2')
Lab Sample ID: 885-24275-27
Date Collected: 05/02/25 12:20
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24		4.9		mg/Kg		05/06/25 12:54	05/08/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*		*35 - 166*	*05/06/25 12:54*	*05/08/25 20:38*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 12:54	05/08/25 20:38	1
Ethylbenzene	ND		0.049		mg/Kg		05/06/25 12:54	05/08/25 20:38	1
Toluene	ND		0.049		mg/Kg		05/06/25 12:54	05/08/25 20:38	1
Xylenes, Total	0.12		0.099		mg/Kg		05/06/25 12:54	05/08/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*		*48 - 145*	*05/06/25 12:54*	*05/08/25 20:38*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3000		97		mg/Kg		05/07/25 12:17	05/09/25 07:09	10
Motor Oil Range Organics [C28-C40]	2800		490		mg/Kg		05/07/25 12:17	05/09/25 07:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*05/07/25 12:17*	*05/09/25 07:09*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79		60		mg/Kg		05/07/25 09:48	05/07/25 17:35	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-49 (2')
Lab Sample ID: 885-24275-28
Date Collected: 05/02/25 12:25
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		05/06/25 12:54	05/08/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*35 - 166*	*05/06/25 12:54*	*05/08/25 21:00*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 12:54	05/08/25 21:00	1
Ethylbenzene	ND		0.047		mg/Kg		05/06/25 12:54	05/08/25 21:00	1
Toluene	ND		0.047		mg/Kg		05/06/25 12:54	05/08/25 21:00	1
Xylenes, Total	ND		0.093		mg/Kg		05/06/25 12:54	05/08/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*05/06/25 12:54*	*05/08/25 21:00*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		05/07/25 12:17	05/09/25 07:32	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		05/07/25 12:17	05/09/25 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*118*		*62 - 134*	*05/07/25 12:17*	*05/09/25 07:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 09:48	05/07/25 17:45	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-50 (2')
Lab Sample ID: 885-24275-29
Date Collected: 05/02/25 12:30
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		05/06/25 12:54	05/08/25 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*05/06/25 12:54*	*05/08/25 21:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 12:54	05/08/25 21:21	1
Ethylbenzene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 21:21	1
Toluene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 21:21	1
Xylenes, Total	ND		0.093		mg/Kg		05/06/25 12:54	05/08/25 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*05/06/25 12:54*	*05/08/25 21:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**15**		9.6		mg/Kg		05/07/25 12:17	05/09/25 07:55	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/07/25 12:17	05/09/25 07:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*05/07/25 12:17*	*05/09/25 07:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76**		60		mg/Kg		05/07/25 09:48	05/07/25 17:55	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-51 (2')

Date Collected: 05/02/25 12:35
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-30

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		05/06/25 12:54	05/08/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*35 - 166*	*05/06/25 12:54*	*05/08/25 21:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 12:54	05/08/25 21:43	1
Ethylbenzene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 21:43	1
Toluene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 21:43	1
Xylenes, Total	ND		0.093		mg/Kg		05/06/25 12:54	05/08/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*05/06/25 12:54*	*05/08/25 21:43*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**18**		9.5		mg/Kg		05/07/25 12:17	05/07/25 20:39	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		05/07/25 12:17	05/07/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*05/07/25 12:17*	*05/07/25 20:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78**		60		mg/Kg		05/07/25 09:48	05/07/25 18:06	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-52 (2')
Lab Sample ID: 885-24275-31

Date Collected: 05/02/25 12:40
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		05/06/25 12:54	05/08/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*35 - 166*	*05/06/25 12:54*	*05/08/25 22:05*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/06/25 12:54	05/08/25 22:05	1
Ethylbenzene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 22:05	1
Toluene	ND		0.046		mg/Kg		05/06/25 12:54	05/08/25 22:05	1
Xylenes, Total	ND		0.092		mg/Kg		05/06/25 12:54	05/08/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 12:54*	*05/08/25 22:05*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**550**		9.7		mg/Kg		05/07/25 12:17	05/07/25 20:50	1
Motor Oil Range Organics [C28-C40]	**730**		48		mg/Kg		05/07/25 12:17	05/07/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*128*		*62 - 134*	*05/07/25 12:17*	*05/07/25 20:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		05/07/25 09:48	05/07/25 18:16	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-53 (2')

Date Collected: 05/02/25 12:45
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-32

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	160		4.8		mg/Kg		05/07/25 12:22	05/09/25 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*270*	*S1+*	*35 - 166*	*05/07/25 12:22*	*05/09/25 00:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/07/25 12:22	05/09/25 00:21	1
Ethylbenzene	0.37		0.048		mg/Kg		05/07/25 12:22	05/09/25 00:21	1
Toluene	0.064		0.048		mg/Kg		05/07/25 12:22	05/09/25 00:21	1
Xylenes, Total	2.6		0.096		mg/Kg		05/07/25 12:22	05/09/25 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*48 - 145*	*05/07/25 12:22*	*05/09/25 00:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3300		93		mg/Kg		05/08/25 09:39	05/08/25 22:23	10
Motor Oil Range Organics [C28-C40]	1200		460		mg/Kg		05/08/25 09:39	05/08/25 22:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*05/08/25 09:39*	*05/08/25 22:23*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60		mg/Kg		05/07/25 13:57	05/07/25 18:57	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-54 (2')

Date Collected: 05/02/25 12:50
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-33

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	240		9.4		mg/Kg		05/07/25 12:22	05/09/25 19:34	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*216*	*S1+*	*35 - 166*	*05/07/25 12:22*	*05/09/25 19:34*	*2*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.047		mg/Kg		05/07/25 12:22	05/09/25 19:34	2
Ethylbenzene	0.31		0.094		mg/Kg		05/07/25 12:22	05/09/25 19:34	2
Toluene	ND		0.094		mg/Kg		05/07/25 12:22	05/09/25 19:34	2
Xylenes, Total	2.0		0.19		mg/Kg		05/07/25 12:22	05/09/25 19:34	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*48 - 145*	*05/07/25 12:22*	*05/09/25 19:34*	*2*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3700		48		mg/Kg		05/08/25 09:39	05/08/25 22:34	5
Motor Oil Range Organics [C28-C40]	1500		240		mg/Kg		05/08/25 09:39	05/08/25 22:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*05/08/25 09:39*	*05/08/25 22:34*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	830		60		mg/Kg		05/07/25 13:57	05/07/25 19:49	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-55 (2')
Lab Sample ID: 885-24275-34
Date Collected: 05/02/25 12:55
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**71**		9.6		mg/Kg		05/07/25 12:22	05/09/25 03:07	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*175*	*S1+*	*35 - 166*	*05/07/25 12:22*	*05/09/25 03:07*	*2*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.048		mg/Kg		05/07/25 12:22	05/09/25 03:07	2
Ethylbenzene	ND		0.096		mg/Kg		05/07/25 12:22	05/09/25 03:07	2
Toluene	ND		0.096		mg/Kg		05/07/25 12:22	05/09/25 03:07	2
Xylenes, Total	**0.35**		0.19		mg/Kg		05/07/25 12:22	05/09/25 03:07	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*05/07/25 12:22*	*05/09/25 03:07*	*2*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2900**		97		mg/Kg		05/08/25 09:39	05/08/25 22:45	10
Motor Oil Range Organics [C28-C40]	**1300**		480		mg/Kg		05/08/25 09:39	05/08/25 22:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*05/08/25 09:39*	*05/08/25 22:45*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**410**		60		mg/Kg		05/07/25 13:57	05/07/25 20:20	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-56 (2')

Date Collected: 05/02/25 13:00
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-35

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	230		5.0		mg/Kg		05/07/25 12:22	05/09/25 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*435*	*S1+*	*35 - 166*	*05/07/25 12:22*	*05/09/25 03:31*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/07/25 12:22	05/09/25 03:31	1
Ethylbenzene	0.49		0.050		mg/Kg		05/07/25 12:22	05/09/25 03:31	1
Toluene	ND		0.050		mg/Kg		05/07/25 12:22	05/09/25 03:31	1
Xylenes, Total	2.4		0.10		mg/Kg		05/07/25 12:22	05/09/25 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*		*48 - 145*	*05/07/25 12:22*	*05/09/25 03:31*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	5100		97		mg/Kg		05/08/25 09:39	05/13/25 15:47	10
Motor Oil Range Organics [C28-C40]	2300		480		mg/Kg		05/08/25 09:39	05/13/25 15:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*05/08/25 09:39*	*05/13/25 15:47*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		60		mg/Kg		05/07/25 13:57	05/07/25 20:31	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-57 (2')
Lab Sample ID: 885-24275-36
Date Collected: 05/02/25 13:05
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	11		4.6		mg/Kg		05/07/25 12:22	05/09/25 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*		*35 - 166*	*05/07/25 12:22*	*05/09/25 19:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/07/25 12:22	05/09/25 19:10	1
Ethylbenzene	ND		0.046		mg/Kg		05/07/25 12:22	05/09/25 19:10	1
Toluene	ND		0.046		mg/Kg		05/07/25 12:22	05/09/25 19:10	1
Xylenes, Total	ND		0.092		mg/Kg		05/07/25 12:22	05/09/25 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*48 - 145*	*05/07/25 12:22*	*05/09/25 19:10*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	6600		200		mg/Kg		05/08/25 09:39	05/08/25 22:59	20
Motor Oil Range Organics [C28-C40]	3700		980		mg/Kg		05/08/25 09:39	05/08/25 22:59	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*05/08/25 09:39*	*05/08/25 22:59*	*20*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		60		mg/Kg		05/07/25 13:57	05/07/25 20:41	20

Client Sample Results

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-58 (2')
Lab Sample ID: 885-24275-37

Date Collected: 05/02/25 13:10
Matrix: Solid
Date Received: 05/06/25 07:40

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		05/07/25 12:22	05/09/25 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*35 - 166*	*05/07/25 12:22*	*05/09/25 04:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		05/07/25 12:22	05/09/25 04:18	1
Ethylbenzene	ND		0.047		mg/Kg		05/07/25 12:22	05/09/25 04:18	1
Toluene	ND		0.047		mg/Kg		05/07/25 12:22	05/09/25 04:18	1
Xylenes, Total	ND		0.094		mg/Kg		05/07/25 12:22	05/09/25 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*05/07/25 12:22*	*05/09/25 04:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**840**		20		mg/Kg		05/08/25 09:39	05/08/25 23:10	2
Motor Oil Range Organics [C28-C40]	**720**		98		mg/Kg		05/08/25 09:39	05/08/25 23:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*05/08/25 09:39*	*05/08/25 23:10*	*2*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		60		mg/Kg		05/07/25 13:57	05/07/25 20:51	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-59 (2')

Date Collected: 05/02/25 13:15
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-38

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		05/07/25 12:22	05/09/25 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*35 - 166*	*05/07/25 12:22*	*05/09/25 04:42*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		05/07/25 12:22	05/09/25 04:42	1
Ethylbenzene	ND		0.046		mg/Kg		05/07/25 12:22	05/09/25 04:42	1
Toluene	ND		0.046		mg/Kg		05/07/25 12:22	05/09/25 04:42	1
Xylenes, Total	ND		0.092		mg/Kg		05/07/25 12:22	05/09/25 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/07/25 12:22*	*05/09/25 04:42*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		05/08/25 09:39	05/13/25 14:59	1
Motor Oil Range Organics [C28-C40]	**59**		49		mg/Kg		05/08/25 09:39	05/13/25 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*05/08/25 09:39*	*05/13/25 14:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81**		60		mg/Kg		05/07/25 13:57	05/07/25 21:02	20

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Client Sample ID: BS25-60 (2')

Date Collected: 05/02/25 13:20
Date Received: 05/06/25 07:40

Lab Sample ID: 885-24275-39

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	260		5.0		mg/Kg		05/07/25 12:22	05/09/25 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*534*	*S1+*	*35 - 166*	*05/07/25 12:22*	*05/09/25 05:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/07/25 12:22	05/09/25 05:06	1
Ethylbenzene	1.1		0.050		mg/Kg		05/07/25 12:22	05/09/25 05:06	1
Toluene	0.23		0.050		mg/Kg		05/07/25 12:22	05/09/25 05:06	1
Xylenes, Total	8.4		0.099		mg/Kg		05/07/25 12:22	05/09/25 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*178*	*S1+*	*48 - 145*	*05/07/25 12:22*	*05/09/25 05:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4900		98		mg/Kg		05/08/25 09:39	05/13/25 14:35	10
Motor Oil Range Organics [C28-C40]	2300		490		mg/Kg		05/08/25 09:39	05/13/25 14:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*05/08/25 09:39*	*05/13/25 14:35*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67		60		mg/Kg		05/07/25 13:57	05/07/25 21:33	20

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-25569/1-A
Matrix: Solid
Analysis Batch: 25650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25569

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		05/06/25 11:52	05/07/25 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*05/06/25 11:52*	*05/07/25 12:21*	*1*

Lab Sample ID: LCS 885-25569/2-A
Matrix: Solid
Analysis Batch: 25650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25569

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	28.0		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*214*		*35 - 166*

Lab Sample ID: MB 885-25581/1-A
Matrix: Solid
Analysis Batch: 25730

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25581

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		05/06/25 12:54	05/08/25 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*05/06/25 12:54*	*05/08/25 13:02*	*1*

Lab Sample ID: LCS 885-25581/2-A
Matrix: Solid
Analysis Batch: 25730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25581

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	29.5		mg/Kg		118	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*231*		*35 - 166*

Lab Sample ID: 885-24275-12 MS
Matrix: Solid
Analysis Batch: 25730

Client Sample ID: BS25-30 (0-2')
Prep Type: Total/NA
Prep Batch: 25581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.4	28.8		mg/Kg		118	70 - 130		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-24275-12 MS
Matrix: Solid
Analysis Batch: 25730

Client Sample ID: BS25-30 (0-2')
Prep Type: Total/NA
Prep Batch: 25581

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	230		35 - 166

Lab Sample ID: 885-24275-12 MSD
Matrix: Solid
Analysis Batch: 25730

Client Sample ID: BS25-30 (0-2')
Prep Type: Total/NA
Prep Batch: 25581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.2	28.6		mg/Kg		118	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	225		35 - 166

Lab Sample ID: MB 885-25670/1-A
Matrix: Solid
Analysis Batch: 25791

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25670

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		05/07/25 12:22	05/08/25 23:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166	05/07/25 12:22	05/08/25 23:57	1

Lab Sample ID: LCS 885-25670/2-A
Matrix: Solid
Analysis Batch: 25791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25670

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	27.3		mg/Kg		109	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	211		35 - 166

Lab Sample ID: 885-24275-32 MS
Matrix: Solid
Analysis Batch: 25791

Client Sample ID: BS25-53 (2')
Prep Type: Total/NA
Prep Batch: 25670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	160		24.0	108	4	mg/Kg		-206	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	310	S1+	35 - 166

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-24275-32 MSD
Matrix: Solid
Analysis Batch: 25791

Client Sample ID: BS25-53 (2')
Prep Type: Total/NA
Prep Batch: 25670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	160		23.7	105	4	mg/Kg		-224	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*313*	*S1+*	*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-25569/1-A
Matrix: Solid
Analysis Batch: 25651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25569

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 11:52	05/07/25 12:21	1
Ethylbenzene	ND		0.050		mg/Kg		05/06/25 11:52	05/07/25 12:21	1
Toluene	ND		0.050		mg/Kg		05/06/25 11:52	05/07/25 12:21	1
Xylenes, Total	ND		0.10		mg/Kg		05/06/25 11:52	05/07/25 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*05/06/25 11:52*	*05/07/25 12:21*	*1*

Lab Sample ID: LCS 885-25569/3-A
Matrix: Solid
Analysis Batch: 25651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25569

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.985		mg/Kg		98	70 - 130		
Ethylbenzene			1.00	0.988		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene			2.00	2.00		mg/Kg		100	70 - 130		
o-Xylene			1.00	0.976		mg/Kg		98	70 - 130		
Toluene			1.00	0.973		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*

Lab Sample ID: MB 885-25581/1-A
Matrix: Solid
Analysis Batch: 25731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25581

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/06/25 12:54	05/08/25 13:02	1
Ethylbenzene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 13:02	1
Toluene	ND		0.050		mg/Kg		05/06/25 12:54	05/08/25 13:02	1
Xylenes, Total	ND		0.10		mg/Kg		05/06/25 12:54	05/08/25 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*05/06/25 12:54*	*05/08/25 13:02*	*1*

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-25581/3-A
Matrix: Solid
Analysis Batch: 25731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25581

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.995		mg/Kg		99	70 - 130		
Ethylbenzene			1.00	1.01		mg/Kg		101	70 - 130		
m-Xylene & p-Xylene			2.00	2.03		mg/Kg		102	70 - 130		
o-Xylene			1.00	1.02		mg/Kg		102	70 - 130		
Toluene			1.00	0.980		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*

Lab Sample ID: 885-24275-13 MS
Matrix: Solid
Analysis Batch: 25731

Client Sample ID: BS25-31 (0-2')
Prep Type: Total/NA
Prep Batch: 25581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.999	1.01		mg/Kg		101	70 - 130		
Ethylbenzene	ND		0.999	1.04		mg/Kg		104	70 - 130		
m-Xylene & p-Xylene	ND		2.00	2.07		mg/Kg		104	70 - 130		
o-Xylene	ND		0.999	1.05		mg/Kg		105	70 - 130		
Toluene	ND		0.999	0.993		mg/Kg		99	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*

Lab Sample ID: 885-24275-13 MSD
Matrix: Solid
Analysis Batch: 25731

Client Sample ID: BS25-31 (0-2')
Prep Type: Total/NA
Prep Batch: 25581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.993	1.00		mg/Kg		101	70 - 130	1	20
Ethylbenzene	ND		0.993	1.04		mg/Kg		104	70 - 130	0	20
m-Xylene & p-Xylene	ND		1.99	2.06		mg/Kg		104	70 - 130	0	20
o-Xylene	ND		0.993	1.04		mg/Kg		105	70 - 130	0	20
Toluene	ND		0.993	0.991		mg/Kg		100	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*48 - 145*

Lab Sample ID: MB 885-25670/1-A
Matrix: Solid
Analysis Batch: 25790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25670

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		05/07/25 12:22	05/08/25 23:57	1
Ethylbenzene	ND		0.050		mg/Kg		05/07/25 12:22	05/08/25 23:57	1
Toluene	ND		0.050		mg/Kg		05/07/25 12:22	05/08/25 23:57	1
Xylenes, Total	ND		0.10		mg/Kg		05/07/25 12:22	05/08/25 23:57	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-25670/1-A
Matrix: Solid
Analysis Batch: 25790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25670

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145	05/07/25 12:22	05/08/25 23:57	1

Lab Sample ID: LCS 885-25670/3-A
Matrix: Solid
Analysis Batch: 25790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.03		mg/Kg		103	70 - 130
Ethylbenzene	1.00	1.00		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	2.00	2.14		mg/Kg		107	70 - 130
o-Xylene	1.00	1.01		mg/Kg		101	70 - 130
Toluene	1.00	1.00		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		48 - 145

Lab Sample ID: 885-24275-33 MS
Matrix: Solid
Analysis Batch: 25865

Client Sample ID: BS25-54 (2')
Prep Type: Total/NA
Prep Batch: 25670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.936	0.913		mg/Kg		94	70 - 130
Ethylbenzene	0.31		0.936	1.28		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	2.0		1.87	4.03		mg/Kg		106	70 - 130
o-Xylene	ND		0.936	0.911		mg/Kg		97	70 - 130
Toluene	ND		0.936	0.926		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		48 - 145

Lab Sample ID: 885-24275-33 MSD
Matrix: Solid
Analysis Batch: 25865

Client Sample ID: BS25-54 (2')
Prep Type: Total/NA
Prep Batch: 25670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.942	0.873		mg/Kg		90	70 - 130	5	20
Ethylbenzene	0.31		0.942	1.24		mg/Kg		98	70 - 130	3	20
m-Xylene & p-Xylene	2.0		1.88	4.03		mg/Kg		106	70 - 130	0	20
o-Xylene	ND		0.942	0.874		mg/Kg		93	70 - 130	4	20
Toluene	ND		0.942	0.883		mg/Kg		89	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		48 - 145

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-25667/1-A
Matrix: Solid
Analysis Batch: 25662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25667

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		05/07/25 12:17	05/07/25 16:31	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		05/07/25 12:17	05/07/25 16:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*05/07/25 12:17*	*05/07/25 16:31*	*1*

Lab Sample ID: LCS 885-25667/2-A
Matrix: Solid
Analysis Batch: 25662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25667

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	53.9		mg/Kg		108	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*

Lab Sample ID: 885-24275-21 MS
Matrix: Solid
Analysis Batch: 25662

Client Sample ID: BS25-39 (2')
Prep Type: Total/NA
Prep Batch: 25667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	2600		49.0	2740	4	mg/Kg		204	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*

Lab Sample ID: 885-24275-21 MSD
Matrix: Solid
Analysis Batch: 25662

Client Sample ID: BS25-39 (2')
Prep Type: Total/NA
Prep Batch: 25667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2600		46.6	2760	4	mg/Kg		276	44 - 136	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*124*		*62 - 134*

Lab Sample ID: MB 885-25671/1-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25671

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		05/07/25 12:36	05/08/25 09:02	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		05/07/25 12:36	05/08/25 09:02	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-25671/1-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25671

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	125		62 - 134	05/07/25 12:36	05/08/25 09:02	1

Lab Sample ID: LCS 885-25671/2-A
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25671

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	54.5		mg/Kg		109	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	114		62 - 134

Lab Sample ID: 885-24275-1 MS
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: BS25-19 (1')
Prep Type: Total/NA
Prep Batch: 25671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		46.1	51.4		mg/Kg		111	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	123		62 - 134

Lab Sample ID: 885-24275-1 MSD
Matrix: Solid
Analysis Batch: 25717

Client Sample ID: BS25-19 (1')
Prep Type: Total/NA
Prep Batch: 25671

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.8	56.3		mg/Kg		113	44 - 136	9	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	126		62 - 134

Lab Sample ID: MB 885-25724/1-A
Matrix: Solid
Analysis Batch: 25716

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25724

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		05/08/25 09:39	05/08/25 15:12	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		05/08/25 09:39	05/08/25 15:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	113		62 - 134	05/08/25 09:39	05/08/25 15:12	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-25724/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25716 — **Prep Batch: 25724**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	42.9		mg/Kg		86	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-25616/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25616**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		05/07/25 06:22	05/07/25 08:28	1

Lab Sample ID: LCS 885-25616/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25616**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.2		mg/Kg		95	90 - 110		

Lab Sample ID: MB 885-25625/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25638 — **Prep Batch: 25625**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		05/07/25 08:40	05/07/25 10:12	1

Lab Sample ID: LCS 885-25625/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25638 — **Prep Batch: 25625**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.6		mg/Kg		97	90 - 110		

Lab Sample ID: 885-24275-3 MS — **Client Sample ID: BS25-21 (1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25638 — **Prep Batch: 25625**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	75		29.8	105		mg/Kg		100	50 - 150		

Lab Sample ID: 885-24275-3 MSD — **Client Sample ID: BS25-21 (1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25638 — **Prep Batch: 25625**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	75		30.2	104		mg/Kg		96	50 - 150	1	20

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-25639/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25639**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		05/07/25 09:48	05/07/25 13:53	1

Lab Sample ID: LCS 885-25639/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25639**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.5		mg/Kg		97	90 - 110		

Lab Sample ID: 885-24275-20 MS — **Client Sample ID: BS25-38 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		29.9	66.5		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-24275-20 MSD — **Client Sample ID: BS25-38 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		29.9	66.9		mg/Kg		NC	50 - 150	1	20

Lab Sample ID: 885-24275-21 MS — **Client Sample ID: BS25-39 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	180		30.2	201	4	mg/Kg		80	50 - 150		

Lab Sample ID: 885-24275-21 MSD — **Client Sample ID: BS25-39 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	180		30.1	212	4	mg/Kg		116	50 - 150	5	20

Lab Sample ID: MB 885-25679/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25679**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		05/07/25 13:57	05/07/25 14:25	1

Lab Sample ID: LCS 885-25679/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25622 — **Prep Batch: 25679**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.5		mg/Kg		97	90 - 110		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-24275-32 MS
Matrix: Solid
Analysis Batch: 25622

Client Sample ID: BS25-53 (2')
Prep Type: Total/NA
Prep Batch: 25679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300		29.9	1310	4	mg/Kg		61	50 - 150

Lab Sample ID: 885-24275-33 MS
Matrix: Solid
Analysis Batch: 25622

Client Sample ID: BS25-54 (2')
Prep Type: Total/NA
Prep Batch: 25679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	830		30.1	857	4	mg/Kg		98	50 - 150

QC Association Summary

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

GC VOA

Prep Batch: 25569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-1	BS25-19 (1')	Total/NA	Solid	5030C	
885-24275-2	BS25-20 (1')	Total/NA	Solid	5030C	
885-24275-3	BS25-21 (1')	Total/NA	Solid	5030C	
885-24275-4	BS25-22 (1')	Total/NA	Solid	5030C	
885-24275-5	BS25-23 (1')	Total/NA	Solid	5030C	
885-24275-6	BS25-24 (1')	Total/NA	Solid	5030C	
885-24275-7	BS25-25 (0-2')	Total/NA	Solid	5030C	
885-24275-8	BS25-26 (0-2')	Total/NA	Solid	5030C	
885-24275-9	BS25-27 (0-2')	Total/NA	Solid	5030C	
885-24275-10	BS25-28 (0-2')	Total/NA	Solid	5030C	
885-24275-11	BS25-29 (0-2')	Total/NA	Solid	5030C	
MB 885-25569/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-25569/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-25569/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 25581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-12	BS25-30 (0-2')	Total/NA	Solid	5030C	
885-24275-13	BS25-31 (0-2')	Total/NA	Solid	5030C	
885-24275-14	BS25-32 (2')	Total/NA	Solid	5030C	
885-24275-15	BS25-33 (2')	Total/NA	Solid	5030C	
885-24275-16	BS25-34 (2')	Total/NA	Solid	5030C	
885-24275-17	BS25-35 (2')	Total/NA	Solid	5030C	
885-24275-18	BS25-36 (2')	Total/NA	Solid	5030C	
885-24275-19	BS25-37 (2')	Total/NA	Solid	5030C	
885-24275-20	BS25-38 (2')	Total/NA	Solid	5030C	
885-24275-21	BS25-39 (2')	Total/NA	Solid	5030C	
885-24275-22	BS25-40 (2')	Total/NA	Solid	5030C	
885-24275-23	BS25-41 (2')	Total/NA	Solid	5030C	
885-24275-24	BS25-43 (2')	Total/NA	Solid	5030C	
885-24275-25	BS25-45 (2')	Total/NA	Solid	5030C	
885-24275-26	BS25-46 (2')	Total/NA	Solid	5030C	
885-24275-27	BS25-48 (2')	Total/NA	Solid	5030C	
885-24275-28	BS25-49 (2')	Total/NA	Solid	5030C	
885-24275-29	BS25-50 (2')	Total/NA	Solid	5030C	
885-24275-30	BS25-51 (2')	Total/NA	Solid	5030C	
885-24275-31	BS25-52 (2')	Total/NA	Solid	5030C	
MB 885-25581/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-25581/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-25581/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-24275-12 MS	BS25-30 (0-2')	Total/NA	Solid	5030C	
885-24275-12 MSD	BS25-30 (0-2')	Total/NA	Solid	5030C	
885-24275-13 MS	BS25-31 (0-2')	Total/NA	Solid	5030C	
885-24275-13 MSD	BS25-31 (0-2')	Total/NA	Solid	5030C	

Analysis Batch: 25650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-1	BS25-19 (1')	Total/NA	Solid	8015M/D	25569
885-24275-2	BS25-20 (1')	Total/NA	Solid	8015M/D	25569
885-24275-3	BS25-21 (1')	Total/NA	Solid	8015M/D	25569
885-24275-4	BS25-22 (1')	Total/NA	Solid	8015M/D	25569

QC Association Summary

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

GC VOA (Continued)

Analysis Batch: 25650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-5	BS25-23 (1')	Total/NA	Solid	8015M/D	25569
885-24275-6	BS25-24 (1')	Total/NA	Solid	8015M/D	25569
885-24275-7	BS25-25 (0-2')	Total/NA	Solid	8015M/D	25569
885-24275-8	BS25-26 (0-2')	Total/NA	Solid	8015M/D	25569
885-24275-9	BS25-27 (0-2')	Total/NA	Solid	8015M/D	25569
885-24275-10	BS25-28 (0-2')	Total/NA	Solid	8015M/D	25569
885-24275-11	BS25-29 (0-2')	Total/NA	Solid	8015M/D	25569
MB 885-25569/1-A	Method Blank	Total/NA	Solid	8015M/D	25569
LCS 885-25569/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	25569

Analysis Batch: 25651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-1	BS25-19 (1')	Total/NA	Solid	8021B	25569
885-24275-2	BS25-20 (1')	Total/NA	Solid	8021B	25569
885-24275-3	BS25-21 (1')	Total/NA	Solid	8021B	25569
885-24275-4	BS25-22 (1')	Total/NA	Solid	8021B	25569
885-24275-5	BS25-23 (1')	Total/NA	Solid	8021B	25569
885-24275-6	BS25-24 (1')	Total/NA	Solid	8021B	25569
885-24275-7	BS25-25 (0-2')	Total/NA	Solid	8021B	25569
885-24275-8	BS25-26 (0-2')	Total/NA	Solid	8021B	25569
885-24275-9	BS25-27 (0-2')	Total/NA	Solid	8021B	25569
885-24275-10	BS25-28 (0-2')	Total/NA	Solid	8021B	25569
885-24275-11	BS25-29 (0-2')	Total/NA	Solid	8021B	25569
MB 885-25569/1-A	Method Blank	Total/NA	Solid	8021B	25569
LCS 885-25569/3-A	Lab Control Sample	Total/NA	Solid	8021B	25569

Prep Batch: 25670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-32	BS25-53 (2')	Total/NA	Solid	5030C	
885-24275-33	BS25-54 (2')	Total/NA	Solid	5030C	
885-24275-34	BS25-55 (2')	Total/NA	Solid	5030C	
885-24275-35	BS25-56 (2')	Total/NA	Solid	5030C	
885-24275-36	BS25-57 (2')	Total/NA	Solid	5030C	
885-24275-37	BS25-58 (2')	Total/NA	Solid	5030C	
885-24275-38	BS25-59 (2')	Total/NA	Solid	5030C	
885-24275-39	BS25-60 (2')	Total/NA	Solid	5030C	
MB 885-25670/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-25670/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-25670/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-24275-32 MS	BS25-53 (2')	Total/NA	Solid	5030C	
885-24275-32 MSD	BS25-53 (2')	Total/NA	Solid	5030C	
885-24275-33 MS	BS25-54 (2')	Total/NA	Solid	5030C	
885-24275-33 MSD	BS25-54 (2')	Total/NA	Solid	5030C	

Analysis Batch: 25730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-12	BS25-30 (0-2')	Total/NA	Solid	8015M/D	25581
885-24275-13	BS25-31 (0-2')	Total/NA	Solid	8015M/D	25581
885-24275-14	BS25-32 (2')	Total/NA	Solid	8015M/D	25581
885-24275-15	BS25-33 (2')	Total/NA	Solid	8015M/D	25581
885-24275-16	BS25-34 (2')	Total/NA	Solid	8015M/D	25581

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

GC VOA (Continued)

Analysis Batch: 25730 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-17	BS25-35 (2')	Total/NA	Solid	8015M/D	25581
885-24275-18	BS25-36 (2')	Total/NA	Solid	8015M/D	25581
885-24275-19	BS25-37 (2')	Total/NA	Solid	8015M/D	25581
885-24275-20	BS25-38 (2')	Total/NA	Solid	8015M/D	25581
885-24275-21	BS25-39 (2')	Total/NA	Solid	8015M/D	25581
885-24275-22	BS25-40 (2')	Total/NA	Solid	8015M/D	25581
885-24275-23	BS25-41 (2')	Total/NA	Solid	8015M/D	25581
885-24275-24	BS25-43 (2')	Total/NA	Solid	8015M/D	25581
885-24275-25	BS25-45 (2')	Total/NA	Solid	8015M/D	25581
885-24275-26	BS25-46 (2')	Total/NA	Solid	8015M/D	25581
885-24275-27	BS25-48 (2')	Total/NA	Solid	8015M/D	25581
885-24275-28	BS25-49 (2')	Total/NA	Solid	8015M/D	25581
885-24275-29	BS25-50 (2')	Total/NA	Solid	8015M/D	25581
885-24275-30	BS25-51 (2')	Total/NA	Solid	8015M/D	25581
885-24275-31	BS25-52 (2')	Total/NA	Solid	8015M/D	25581
MB 885-25581/1-A	Method Blank	Total/NA	Solid	8015M/D	25581
LCS 885-25581/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	25581
885-24275-12 MS	BS25-30 (0-2')	Total/NA	Solid	8015M/D	25581
885-24275-12 MSD	BS25-30 (0-2')	Total/NA	Solid	8015M/D	25581

Analysis Batch: 25731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-12	BS25-30 (0-2')	Total/NA	Solid	8021B	25581
885-24275-13	BS25-31 (0-2')	Total/NA	Solid	8021B	25581
885-24275-14	BS25-32 (2')	Total/NA	Solid	8021B	25581
885-24275-15	BS25-33 (2')	Total/NA	Solid	8021B	25581
885-24275-16	BS25-34 (2')	Total/NA	Solid	8021B	25581
885-24275-17	BS25-35 (2')	Total/NA	Solid	8021B	25581
885-24275-18	BS25-36 (2')	Total/NA	Solid	8021B	25581
885-24275-19	BS25-37 (2')	Total/NA	Solid	8021B	25581
885-24275-20	BS25-38 (2')	Total/NA	Solid	8021B	25581
885-24275-21	BS25-39 (2')	Total/NA	Solid	8021B	25581
885-24275-22	BS25-40 (2')	Total/NA	Solid	8021B	25581
885-24275-23	BS25-41 (2')	Total/NA	Solid	8021B	25581
885-24275-24	BS25-43 (2')	Total/NA	Solid	8021B	25581
885-24275-25	BS25-45 (2')	Total/NA	Solid	8021B	25581
885-24275-26	BS25-46 (2')	Total/NA	Solid	8021B	25581
885-24275-27	BS25-48 (2')	Total/NA	Solid	8021B	25581
885-24275-28	BS25-49 (2')	Total/NA	Solid	8021B	25581
885-24275-29	BS25-50 (2')	Total/NA	Solid	8021B	25581
885-24275-30	BS25-51 (2')	Total/NA	Solid	8021B	25581
885-24275-31	BS25-52 (2')	Total/NA	Solid	8021B	25581
MB 885-25581/1-A	Method Blank	Total/NA	Solid	8021B	25581
LCS 885-25581/3-A	Lab Control Sample	Total/NA	Solid	8021B	25581
885-24275-13 MS	BS25-31 (0-2')	Total/NA	Solid	8021B	25581
885-24275-13 MSD	BS25-31 (0-2')	Total/NA	Solid	8021B	25581

Analysis Batch: 25790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-32	BS25-53 (2')	Total/NA	Solid	8021B	25670
885-24275-34	BS25-55 (2')	Total/NA	Solid	8021B	25670

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

GC VOA (Continued)

Analysis Batch: 25790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-35	BS25-56 (2')	Total/NA	Solid	8021B	25670
885-24275-37	BS25-58 (2')	Total/NA	Solid	8021B	25670
885-24275-38	BS25-59 (2')	Total/NA	Solid	8021B	25670
885-24275-39	BS25-60 (2')	Total/NA	Solid	8021B	25670
MB 885-25670/1-A	Method Blank	Total/NA	Solid	8021B	25670
LCS 885-25670/3-A	Lab Control Sample	Total/NA	Solid	8021B	25670

Analysis Batch: 25791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-32	BS25-53 (2')	Total/NA	Solid	8015M/D	25670
885-24275-34	BS25-55 (2')	Total/NA	Solid	8015M/D	25670
885-24275-35	BS25-56 (2')	Total/NA	Solid	8015M/D	25670
885-24275-37	BS25-58 (2')	Total/NA	Solid	8015M/D	25670
885-24275-38	BS25-59 (2')	Total/NA	Solid	8015M/D	25670
885-24275-39	BS25-60 (2')	Total/NA	Solid	8015M/D	25670
MB 885-25670/1-A	Method Blank	Total/NA	Solid	8015M/D	25670
LCS 885-25670/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	25670
885-24275-32 MS	BS25-53 (2')	Total/NA	Solid	8015M/D	25670
885-24275-32 MSD	BS25-53 (2')	Total/NA	Solid	8015M/D	25670

Analysis Batch: 25865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-33	BS25-54 (2')	Total/NA	Solid	8021B	25670
885-24275-36	BS25-57 (2')	Total/NA	Solid	8021B	25670
885-24275-33 MS	BS25-54 (2')	Total/NA	Solid	8021B	25670
885-24275-33 MSD	BS25-54 (2')	Total/NA	Solid	8021B	25670

Analysis Batch: 25866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-33	BS25-54 (2')	Total/NA	Solid	8015M/D	25670
885-24275-36	BS25-57 (2')	Total/NA	Solid	8015M/D	25670

GC Semi VOA

Analysis Batch: 25662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-21	BS25-39 (2')	Total/NA	Solid	8015M/D	25667
885-24275-30	BS25-51 (2')	Total/NA	Solid	8015M/D	25667
885-24275-31	BS25-52 (2')	Total/NA	Solid	8015M/D	25667
MB 885-25667/1-A	Method Blank	Total/NA	Solid	8015M/D	25667
LCS 885-25667/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	25667
885-24275-21 MS	BS25-39 (2')	Total/NA	Solid	8015M/D	25667
885-24275-21 MSD	BS25-39 (2')	Total/NA	Solid	8015M/D	25667

Prep Batch: 25667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-21	BS25-39 (2')	Total/NA	Solid	SHAKE	
885-24275-22	BS25-40 (2')	Total/NA	Solid	SHAKE	
885-24275-23	BS25-41 (2')	Total/NA	Solid	SHAKE	
885-24275-24	BS25-43 (2')	Total/NA	Solid	SHAKE	
885-24275-25	BS25-45 (2')	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

GC Semi VOA (Continued)

Prep Batch: 25667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-26	BS25-46 (2')	Total/NA	Solid	SHAKE	
885-24275-27	BS25-48 (2')	Total/NA	Solid	SHAKE	
885-24275-28	BS25-49 (2')	Total/NA	Solid	SHAKE	
885-24275-29	BS25-50 (2')	Total/NA	Solid	SHAKE	
885-24275-30	BS25-51 (2')	Total/NA	Solid	SHAKE	
885-24275-31	BS25-52 (2')	Total/NA	Solid	SHAKE	
MB 885-25667/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-25667/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-24275-21 MS	BS25-39 (2')	Total/NA	Solid	SHAKE	
885-24275-21 MSD	BS25-39 (2')	Total/NA	Solid	SHAKE	

Prep Batch: 25671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-1	BS25-19 (1')	Total/NA	Solid	SHAKE	
885-24275-2	BS25-20 (1')	Total/NA	Solid	SHAKE	
885-24275-3	BS25-21 (1')	Total/NA	Solid	SHAKE	
885-24275-4	BS25-22 (1')	Total/NA	Solid	SHAKE	
885-24275-5	BS25-23 (1')	Total/NA	Solid	SHAKE	
885-24275-6	BS25-24 (1')	Total/NA	Solid	SHAKE	
885-24275-7	BS25-25 (0-2')	Total/NA	Solid	SHAKE	
885-24275-8	BS25-26 (0-2')	Total/NA	Solid	SHAKE	
885-24275-9	BS25-27 (0-2')	Total/NA	Solid	SHAKE	
885-24275-10	BS25-28 (0-2')	Total/NA	Solid	SHAKE	
885-24275-11	BS25-29 (0-2')	Total/NA	Solid	SHAKE	
885-24275-12	BS25-30 (0-2')	Total/NA	Solid	SHAKE	
885-24275-13	BS25-31 (0-2')	Total/NA	Solid	SHAKE	
885-24275-14	BS25-32 (2')	Total/NA	Solid	SHAKE	
885-24275-15	BS25-33 (2')	Total/NA	Solid	SHAKE	
885-24275-16	BS25-34 (2')	Total/NA	Solid	SHAKE	
885-24275-17	BS25-35 (2')	Total/NA	Solid	SHAKE	
885-24275-18	BS25-36 (2')	Total/NA	Solid	SHAKE	
885-24275-19	BS25-37 (2')	Total/NA	Solid	SHAKE	
885-24275-20	BS25-38 (2')	Total/NA	Solid	SHAKE	
MB 885-25671/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-25671/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-24275-1 MS	BS25-19 (1')	Total/NA	Solid	SHAKE	
885-24275-1 MSD	BS25-19 (1')	Total/NA	Solid	SHAKE	

Analysis Batch: 25716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-4	BS25-22 (1')	Total/NA	Solid	8015M/D	25671
885-24275-5	BS25-23 (1')	Total/NA	Solid	8015M/D	25671
885-24275-6	BS25-24 (1')	Total/NA	Solid	8015M/D	25671
885-24275-7	BS25-25 (0-2')	Total/NA	Solid	8015M/D	25671
885-24275-8	BS25-26 (0-2')	Total/NA	Solid	8015M/D	25671
885-24275-10	BS25-28 (0-2')	Total/NA	Solid	8015M/D	25671
885-24275-12	BS25-30 (0-2')	Total/NA	Solid	8015M/D	25671
885-24275-15	BS25-33 (2')	Total/NA	Solid	8015M/D	25671
885-24275-16	BS25-34 (2')	Total/NA	Solid	8015M/D	25671
885-24275-17	BS25-35 (2')	Total/NA	Solid	8015M/D	25671
885-24275-18	BS25-36 (2')	Total/NA	Solid	8015M/D	25671

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-24275-1

GC Semi VOA (Continued)

Analysis Batch: 25716 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-22	BS25-40 (2')	Total/NA	Solid	8015M/D	25667
885-24275-23	BS25-41 (2')	Total/NA	Solid	8015M/D	25667
885-24275-24	BS25-43 (2')	Total/NA	Solid	8015M/D	25667
885-24275-25	BS25-45 (2')	Total/NA	Solid	8015M/D	25667
885-24275-26	BS25-46 (2')	Total/NA	Solid	8015M/D	25667
885-24275-27	BS25-48 (2')	Total/NA	Solid	8015M/D	25667
885-24275-28	BS25-49 (2')	Total/NA	Solid	8015M/D	25667
885-24275-29	BS25-50 (2')	Total/NA	Solid	8015M/D	25667
MB 885-25724/1-A	Method Blank	Total/NA	Solid	8015M/D	25724
LCS 885-25724/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	25724

Analysis Batch: 25717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-1	BS25-19 (1')	Total/NA	Solid	8015M/D	25671
885-24275-2	BS25-20 (1')	Total/NA	Solid	8015M/D	25671
885-24275-3	BS25-21 (1')	Total/NA	Solid	8015M/D	25671
885-24275-9	BS25-27 (0-2')	Total/NA	Solid	8015M/D	25671
885-24275-11	BS25-29 (0-2')	Total/NA	Solid	8015M/D	25671
885-24275-13	BS25-31 (0-2')	Total/NA	Solid	8015M/D	25671
885-24275-14	BS25-32 (2')	Total/NA	Solid	8015M/D	25671
885-24275-19	BS25-37 (2')	Total/NA	Solid	8015M/D	25671
885-24275-32	BS25-53 (2')	Total/NA	Solid	8015M/D	25724
885-24275-33	BS25-54 (2')	Total/NA	Solid	8015M/D	25724
885-24275-34	BS25-55 (2')	Total/NA	Solid	8015M/D	25724
885-24275-36	BS25-57 (2')	Total/NA	Solid	8015M/D	25724
885-24275-37	BS25-58 (2')	Total/NA	Solid	8015M/D	25724
MB 885-25671/1-A	Method Blank	Total/NA	Solid	8015M/D	25671
LCS 885-25671/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	25671
885-24275-1 MS	BS25-19 (1')	Total/NA	Solid	8015M/D	25671
885-24275-1 MSD	BS25-19 (1')	Total/NA	Solid	8015M/D	25671

Prep Batch: 25724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-32	BS25-53 (2')	Total/NA	Solid	SHAKE	
885-24275-33	BS25-54 (2')	Total/NA	Solid	SHAKE	
885-24275-34	BS25-55 (2')	Total/NA	Solid	SHAKE	
885-24275-35	BS25-56 (2')	Total/NA	Solid	SHAKE	
885-24275-36	BS25-57 (2')	Total/NA	Solid	SHAKE	
885-24275-37	BS25-58 (2')	Total/NA	Solid	SHAKE	
885-24275-38	BS25-59 (2')	Total/NA	Solid	SHAKE	
885-24275-39	BS25-60 (2')	Total/NA	Solid	SHAKE	
MB 885-25724/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-25724/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 25990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-20	BS25-38 (2')	Total/NA	Solid	8015M/D	25671
885-24275-35	BS25-56 (2')	Total/NA	Solid	8015M/D	25724
885-24275-38	BS25-59 (2')	Total/NA	Solid	8015M/D	25724
885-24275-39	BS25-60 (2')	Total/NA	Solid	8015M/D	25724

QC Association Summary

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

HPLC/IC

Prep Batch: 25616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-1	BS25-19 (1')	Total/NA	Solid	300_Prep	
MB 885-25616/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-25616/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 25622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-1	BS25-19 (1')	Total/NA	Solid	300.0	25616
885-24275-20	BS25-38 (2')	Total/NA	Solid	300.0	25639
885-24275-21	BS25-39 (2')	Total/NA	Solid	300.0	25639
885-24275-22	BS25-40 (2')	Total/NA	Solid	300.0	25639
885-24275-23	BS25-41 (2')	Total/NA	Solid	300.0	25639
885-24275-24	BS25-43 (2')	Total/NA	Solid	300.0	25639
885-24275-25	BS25-45 (2')	Total/NA	Solid	300.0	25639
885-24275-26	BS25-46 (2')	Total/NA	Solid	300.0	25639
885-24275-27	BS25-48 (2')	Total/NA	Solid	300.0	25639
885-24275-28	BS25-49 (2')	Total/NA	Solid	300.0	25639
885-24275-29	BS25-50 (2')	Total/NA	Solid	300.0	25639
885-24275-30	BS25-51 (2')	Total/NA	Solid	300.0	25639
885-24275-31	BS25-52 (2')	Total/NA	Solid	300.0	25639
885-24275-32	BS25-53 (2')	Total/NA	Solid	300.0	25679
885-24275-33	BS25-54 (2')	Total/NA	Solid	300.0	25679
885-24275-34	BS25-55 (2')	Total/NA	Solid	300.0	25679
885-24275-35	BS25-56 (2')	Total/NA	Solid	300.0	25679
885-24275-36	BS25-57 (2')	Total/NA	Solid	300.0	25679
885-24275-37	BS25-58 (2')	Total/NA	Solid	300.0	25679
885-24275-38	BS25-59 (2')	Total/NA	Solid	300.0	25679
885-24275-39	BS25-60 (2')	Total/NA	Solid	300.0	25679
MB 885-25616/1-A	Method Blank	Total/NA	Solid	300.0	25616
MB 885-25639/1-A	Method Blank	Total/NA	Solid	300.0	25639
MB 885-25679/1-A	Method Blank	Total/NA	Solid	300.0	25679
LCS 885-25616/2-A	Lab Control Sample	Total/NA	Solid	300.0	25616
LCS 885-25639/2-A	Lab Control Sample	Total/NA	Solid	300.0	25639
LCS 885-25679/2-A	Lab Control Sample	Total/NA	Solid	300.0	25679
885-24275-20 MS	BS25-38 (2')	Total/NA	Solid	300.0	25639
885-24275-20 MSD	BS25-38 (2')	Total/NA	Solid	300.0	25639
885-24275-21 MS	BS25-39 (2')	Total/NA	Solid	300.0	25639
885-24275-21 MSD	BS25-39 (2')	Total/NA	Solid	300.0	25639
885-24275-32 MS	BS25-53 (2')	Total/NA	Solid	300.0	25679
885-24275-33 MS	BS25-54 (2')	Total/NA	Solid	300.0	25679

Prep Batch: 25625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-2	BS25-20 (1')	Total/NA	Solid	300_Prep	
885-24275-3	BS25-21 (1')	Total/NA	Solid	300_Prep	
885-24275-4	BS25-22 (1')	Total/NA	Solid	300_Prep	
885-24275-5	BS25-23 (1')	Total/NA	Solid	300_Prep	
885-24275-6	BS25-24 (1')	Total/NA	Solid	300_Prep	
885-24275-7	BS25-25 (0-2')	Total/NA	Solid	300_Prep	
885-24275-8	BS25-26 (0-2')	Total/NA	Solid	300_Prep	
885-24275-9	BS25-27 (0-2')	Total/NA	Solid	300_Prep	
885-24275-10	BS25-28 (0-2')	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

HPLC/IC (Continued)

Prep Batch: 25625 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-11	BS25-29 (0-2')	Total/NA	Solid	300_Prep	
885-24275-12	BS25-30 (0-2')	Total/NA	Solid	300_Prep	
885-24275-13	BS25-31 (0-2')	Total/NA	Solid	300_Prep	
885-24275-14	BS25-32 (2')	Total/NA	Solid	300_Prep	
885-24275-15	BS25-33 (2')	Total/NA	Solid	300_Prep	
885-24275-16	BS25-34 (2')	Total/NA	Solid	300_Prep	
885-24275-17	BS25-35 (2')	Total/NA	Solid	300_Prep	
885-24275-18	BS25-36 (2')	Total/NA	Solid	300_Prep	
885-24275-19	BS25-37 (2')	Total/NA	Solid	300_Prep	
MB 885-25625/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-25625/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-24275-3 MS	BS25-21 (1')	Total/NA	Solid	300_Prep	
885-24275-3 MSD	BS25-21 (1')	Total/NA	Solid	300_Prep	

Analysis Batch: 25638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-2	BS25-20 (1')	Total/NA	Solid	300.0	25625
885-24275-3	BS25-21 (1')	Total/NA	Solid	300.0	25625
885-24275-4	BS25-22 (1')	Total/NA	Solid	300.0	25625
885-24275-5	BS25-23 (1')	Total/NA	Solid	300.0	25625
885-24275-7	BS25-25 (0-2')	Total/NA	Solid	300.0	25625
885-24275-8	BS25-26 (0-2')	Total/NA	Solid	300.0	25625
885-24275-9	BS25-27 (0-2')	Total/NA	Solid	300.0	25625
885-24275-10	BS25-28 (0-2')	Total/NA	Solid	300.0	25625
885-24275-11	BS25-29 (0-2')	Total/NA	Solid	300.0	25625
885-24275-12	BS25-30 (0-2')	Total/NA	Solid	300.0	25625
885-24275-13	BS25-31 (0-2')	Total/NA	Solid	300.0	25625
885-24275-14	BS25-32 (2')	Total/NA	Solid	300.0	25625
885-24275-15	BS25-33 (2')	Total/NA	Solid	300.0	25625
885-24275-16	BS25-34 (2')	Total/NA	Solid	300.0	25625
885-24275-17	BS25-35 (2')	Total/NA	Solid	300.0	25625
885-24275-18	BS25-36 (2')	Total/NA	Solid	300.0	25625
885-24275-19	BS25-37 (2')	Total/NA	Solid	300.0	25625
MB 885-25625/1-A	Method Blank	Total/NA	Solid	300.0	25625
LCS 885-25625/2-A	Lab Control Sample	Total/NA	Solid	300.0	25625
885-24275-3 MS	BS25-21 (1')	Total/NA	Solid	300.0	25625
885-24275-3 MSD	BS25-21 (1')	Total/NA	Solid	300.0	25625

Prep Batch: 25639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-20	BS25-38 (2')	Total/NA	Solid	300_Prep	
885-24275-21	BS25-39 (2')	Total/NA	Solid	300_Prep	
885-24275-22	BS25-40 (2')	Total/NA	Solid	300_Prep	
885-24275-23	BS25-41 (2')	Total/NA	Solid	300_Prep	
885-24275-24	BS25-43 (2')	Total/NA	Solid	300_Prep	
885-24275-25	BS25-45 (2')	Total/NA	Solid	300_Prep	
885-24275-26	BS25-46 (2')	Total/NA	Solid	300_Prep	
885-24275-27	BS25-48 (2')	Total/NA	Solid	300_Prep	
885-24275-28	BS25-49 (2')	Total/NA	Solid	300_Prep	
885-24275-29	BS25-50 (2')	Total/NA	Solid	300_Prep	
885-24275-30	BS25-51 (2')	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

HPLC/IC (Continued)

Prep Batch: 25639 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-31	BS25-52 (2')	Total/NA	Solid	300_Prep	
MB 885-25639/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-25639/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-24275-20 MS	BS25-38 (2')	Total/NA	Solid	300_Prep	
885-24275-20 MSD	BS25-38 (2')	Total/NA	Solid	300_Prep	
885-24275-21 MS	BS25-39 (2')	Total/NA	Solid	300_Prep	
885-24275-21 MSD	BS25-39 (2')	Total/NA	Solid	300_Prep	

Prep Batch: 25679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-32	BS25-53 (2')	Total/NA	Solid	300_Prep	
885-24275-33	BS25-54 (2')	Total/NA	Solid	300_Prep	
885-24275-34	BS25-55 (2')	Total/NA	Solid	300_Prep	
885-24275-35	BS25-56 (2')	Total/NA	Solid	300_Prep	
885-24275-36	BS25-57 (2')	Total/NA	Solid	300_Prep	
885-24275-37	BS25-58 (2')	Total/NA	Solid	300_Prep	
885-24275-38	BS25-59 (2')	Total/NA	Solid	300_Prep	
885-24275-39	BS25-60 (2')	Total/NA	Solid	300_Prep	
MB 885-25679/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-25679/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-24275-32 MS	BS25-53 (2')	Total/NA	Solid	300_Prep	
885-24275-33 MS	BS25-54 (2')	Total/NA	Solid	300_Prep	

Analysis Batch: 25799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-24275-6	BS25-24 (1')	Total/NA	Solid	300.0	25625

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-19 (1')
Lab Sample ID: 885-24275-1
Date Collected: 05/02/25 10:10
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 17:25
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 17:25
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25717	EM	EET ALB	05/08/25 09:22
Total/NA	Prep	300_Prep			25616	JT	EET ALB	05/07/25 06:22
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 13:43

Client Sample ID: BS25-20 (1')
Lab Sample ID: 885-24275-2
Date Collected: 05/02/25 10:15
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 18:08
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 18:08
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25717	EM	EET ALB	05/08/25 09:54
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 10:55

Client Sample ID: BS25-21 (1')
Lab Sample ID: 885-24275-3
Date Collected: 05/02/25 10:20
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 18:30
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 18:30
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		5	25717	EM	EET ALB	05/08/25 10:04
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 11:25

Client Sample ID: BS25-22 (1')
Lab Sample ID: 885-24275-4
Date Collected: 05/02/25 10:25
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 18:51

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-22 (1')
Lab Sample ID: 885-24275-4
Date Collected: 05/02/25 10:25
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 18:51
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 09:28
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 12:14

Client Sample ID: BS25-23 (1')
Lab Sample ID: 885-24275-5
Date Collected: 05/02/25 10:30
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 19:13
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 19:13
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 09:52
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 12:24

Client Sample ID: BS25-24 (1')
Lab Sample ID: 885-24275-6
Date Collected: 05/02/25 10:35
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 19:35
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 19:35
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		20	25716	MI	EET ALB	05/09/25 10:15
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		50	25799	RC	EET ALB	05/09/25 10:40

Client Sample ID: BS25-25 (0-2')
Lab Sample ID: 885-24275-7
Date Collected: 05/02/25 10:40
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 19:56
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 19:56

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-25 (0-2')
Lab Sample ID: 885-24275-7
Date Collected: 05/02/25 10:40
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 11:02
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 12:43

Client Sample ID: BS25-26 (0-2')
Lab Sample ID: 885-24275-8
Date Collected: 05/02/25 10:45
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 20:18
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 20:18
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 11:25
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 12:53

Client Sample ID: BS25-27 (0-2')
Lab Sample ID: 885-24275-9
Date Collected: 05/02/25 10:50
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 20:40
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 20:40
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25717	EM	EET ALB	05/08/25 11:18
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 13:03

Client Sample ID: BS25-28 (0-2')
Lab Sample ID: 885-24275-10
Date Collected: 05/02/25 10:55
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 21:02
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 21:02
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 11:49

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-28 (0-2')
Lab Sample ID: 885-24275-10
Date Collected: 05/02/25 10:55
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 13:13

Client Sample ID: BS25-29 (0-2')
Lab Sample ID: 885-24275-11
Date Collected: 05/02/25 11:00
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8015M/D		1	25650	AT	EET ALB	05/07/25 21:24
Total/NA	Prep	5030C			25569	AT	EET ALB	05/06/25 11:52
Total/NA	Analysis	8021B		1	25651	AT	EET ALB	05/07/25 21:24
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25717	EM	EET ALB	05/08/25 11:40
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 13:23

Client Sample ID: BS25-30 (0-2')
Lab Sample ID: 885-24275-12
Date Collected: 05/02/25 11:05
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 13:24
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 13:24
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 12:36
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 13:33

Client Sample ID: BS25-31 (0-2')
Lab Sample ID: 885-24275-13
Date Collected: 05/02/25 11:10
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 14:29
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 14:29
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25717	EM	EET ALB	05/08/25 12:01
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 13:42

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-32 (2')
Lab Sample ID: 885-24275-14
Date Collected: 05/02/25 11:15
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 15:34
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 15:34
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		2	25717	EM	EET ALB	05/08/25 12:12
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 14:12

Client Sample ID: BS25-33 (2')
Lab Sample ID: 885-24275-15
Date Collected: 05/02/25 11:20
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 15:56
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 15:56
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 12:59
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 14:22

Client Sample ID: BS25-34 (2')
Lab Sample ID: 885-24275-16
Date Collected: 05/02/25 11:25
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 16:17
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 16:17
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 13:47
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 14:32

Client Sample ID: BS25-35 (2')
Lab Sample ID: 885-24275-17
Date Collected: 05/02/25 11:30
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 16:39

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-35 (2')
Lab Sample ID: 885-24275-17
Date Collected: 05/02/25 11:30
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 16:39
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 18:56
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 14:41

Client Sample ID: BS25-36 (2')
Lab Sample ID: 885-24275-18
Date Collected: 05/02/25 11:35
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 17:01
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 17:01
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		2	25716	MI	EET ALB	05/09/25 19:19
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 14:51

Client Sample ID: BS25-37 (2')
Lab Sample ID: 885-24275-19
Date Collected: 05/02/25 11:40
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 17:22
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 17:22
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		1	25717	EM	EET ALB	05/08/25 13:07
Total/NA	Prep	300_Prep			25625	RC	EET ALB	05/07/25 08:40
Total/NA	Analysis	300.0		20	25638	RC	EET ALB	05/07/25 15:01

Client Sample ID: BS25-38 (2')
Lab Sample ID: 885-24275-20
Date Collected: 05/02/25 11:45
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 17:44
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 17:44

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-38 (2')
Lab Sample ID: 885-24275-20
Date Collected: 05/02/25 11:45
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			25671	MI	EET ALB	05/07/25 12:36
Total/NA	Analysis	8015M/D		2	25990	MI	EET ALB	05/13/25 14:12
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 15:20

Client Sample ID: BS25-39 (2')
Lab Sample ID: 885-24275-21
Date Collected: 05/02/25 11:50
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 18:06
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 18:06
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		5	25662	EM	EET ALB	05/07/25 16:52
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 15:51

Client Sample ID: BS25-40 (2')
Lab Sample ID: 885-24275-22
Date Collected: 05/02/25 11:55
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		5	25730	AT	EET ALB	05/08/25 18:49
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		5	25731	AT	EET ALB	05/08/25 18:49
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		10	25716	MI	EET ALB	05/09/25 05:37
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 16:22

Client Sample ID: BS25-41 (2')
Lab Sample ID: 885-24275-23
Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		5	25730	AT	EET ALB	05/08/25 19:11
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		5	25731	AT	EET ALB	05/08/25 19:11
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		10	25716	MI	EET ALB	05/09/25 06:00

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-41 (2')
Lab Sample ID: 885-24275-23
Date Collected: 05/02/25 12:00
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 16:33

Client Sample ID: BS25-43 (2')
Lab Sample ID: 885-24275-24
Date Collected: 05/02/25 12:05
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 19:32
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 19:32
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 08:19
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 16:43

Client Sample ID: BS25-45 (2')
Lab Sample ID: 885-24275-25
Date Collected: 05/02/25 12:10
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 19:54
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 19:54
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		10	25716	MI	EET ALB	05/09/25 06:23
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 16:53

Client Sample ID: BS25-46 (2')
Lab Sample ID: 885-24275-26
Date Collected: 05/02/25 12:15
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 20:16
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 20:16
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		10	25716	MI	EET ALB	05/09/25 06:46
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 17:24

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-48 (2')
Lab Sample ID: 885-24275-27
Date Collected: 05/02/25 12:20
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 20:38
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 20:38
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		10	25716	MI	EET ALB	05/09/25 07:09
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 17:35

Client Sample ID: BS25-49 (2')
Lab Sample ID: 885-24275-28
Date Collected: 05/02/25 12:25
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 21:00
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 21:00
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 07:32
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 17:45

Client Sample ID: BS25-50 (2')
Lab Sample ID: 885-24275-29
Date Collected: 05/02/25 12:30
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 21:21
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 21:21
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		1	25716	MI	EET ALB	05/09/25 07:55
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 17:55

Client Sample ID: BS25-51 (2')
Lab Sample ID: 885-24275-30
Date Collected: 05/02/25 12:35
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 21:43

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-51 (2')
Lab Sample ID: 885-24275-30
Date Collected: 05/02/25 12:35
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 21:43
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		1	25662	EM	EET ALB	05/07/25 20:39
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 18:06

Client Sample ID: BS25-52 (2')
Lab Sample ID: 885-24275-31
Date Collected: 05/02/25 12:40
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8015M/D		1	25730	AT	EET ALB	05/08/25 22:05
Total/NA	Prep	5030C			25581	JP	EET ALB	05/06/25 12:54
Total/NA	Analysis	8021B		1	25731	AT	EET ALB	05/08/25 22:05
Total/NA	Prep	SHAKE			25667	MI	EET ALB	05/07/25 12:17
Total/NA	Analysis	8015M/D		1	25662	EM	EET ALB	05/07/25 20:50
Total/NA	Prep	300_Prep			25639	RC	EET ALB	05/07/25 09:48
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 18:16

Client Sample ID: BS25-53 (2')
Lab Sample ID: 885-24275-32
Date Collected: 05/02/25 12:45
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		1	25791	JP	EET ALB	05/09/25 00:21
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		1	25790	JP	EET ALB	05/09/25 00:21
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		10	25717	EM	EET ALB	05/08/25 22:23
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 18:57

Client Sample ID: BS25-54 (2')
Lab Sample ID: 885-24275-33
Date Collected: 05/02/25 12:50
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		2	25866	JP	EET ALB	05/09/25 19:34
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		2	25865	JP	EET ALB	05/09/25 19:34

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-54 (2')
Lab Sample ID: 885-24275-33
Date Collected: 05/02/25 12:50
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		5	25717	EM	EET ALB	05/08/25 22:34
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 19:49

Client Sample ID: BS25-55 (2')
Lab Sample ID: 885-24275-34
Date Collected: 05/02/25 12:55
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		2	25791	JP	EET ALB	05/09/25 03:07
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		2	25790	JP	EET ALB	05/09/25 03:07
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		10	25717	EM	EET ALB	05/08/25 22:45
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 20:20

Client Sample ID: BS25-56 (2')
Lab Sample ID: 885-24275-35
Date Collected: 05/02/25 13:00
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		1	25791	JP	EET ALB	05/09/25 03:31
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		1	25790	JP	EET ALB	05/09/25 03:31
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		10	25990	MI	EET ALB	05/13/25 15:47
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 20:31

Client Sample ID: BS25-57 (2')
Lab Sample ID: 885-24275-36
Date Collected: 05/02/25 13:05
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		1	25866	JP	EET ALB	05/09/25 19:10
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		1	25865	JP	EET ALB	05/09/25 19:10
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		20	25717	EM	EET ALB	05/08/25 22:59

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: BS25-57 (2')
Lab Sample ID: 885-24275-36
Date Collected: 05/02/25 13:05
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 20:41

Client Sample ID: BS25-58 (2')
Lab Sample ID: 885-24275-37
Date Collected: 05/02/25 13:10
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		1	25791	JP	EET ALB	05/09/25 04:18
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		1	25790	JP	EET ALB	05/09/25 04:18
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		2	25717	EM	EET ALB	05/08/25 23:10
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 20:51

Client Sample ID: BS25-59 (2')
Lab Sample ID: 885-24275-38
Date Collected: 05/02/25 13:15
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		1	25791	JP	EET ALB	05/09/25 04:42
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		1	25790	JP	EET ALB	05/09/25 04:42
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		1	25990	MI	EET ALB	05/13/25 14:59
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 21:02

Client Sample ID: BS25-60 (2')
Lab Sample ID: 885-24275-39
Date Collected: 05/02/25 13:20
Matrix: Solid
Date Received: 05/06/25 07:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8015M/D		1	25791	JP	EET ALB	05/09/25 05:06
Total/NA	Prep	5030C			25670	JP	EET ALB	05/07/25 12:22
Total/NA	Analysis	8021B		1	25790	JP	EET ALB	05/09/25 05:06
Total/NA	Prep	SHAKE			25724	MI	EET ALB	05/08/25 09:39
Total/NA	Analysis	8015M/D		10	25990	MI	EET ALB	05/13/25 14:35
Total/NA	Prep	300_Prep			25679	RC	EET ALB	05/07/25 13:57
Total/NA	Analysis	300.0		20	25622	RC	EET ALB	05/07/25 21:33

Lab Chronicle

Client: Vertex
Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-24275-1
Project/Site: North Pure Gold 9 Fed 1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

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Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex (bill to Devon Energy, Jim Raley)**

X Standard X Rush 5 Day

Mailing Address: (On File)

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Project Name: **North Pure Gold 9 Fed 1**

Project #: **25A-01165**

Project Manager: **Sally Carttar**

SCarttar@vertexresource.com

Sampler: Sharon Minnix

On Ice: ☑ Yes ☐ No mgo

# of Coolers: 1

Cooler Temp(including CF): 2.6+0.2=2.8c

HALL ENVIRONMENTAL ANALYSIS LABORA
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-24275 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
05.02.25	10:10	Soil	BS25-19 (1')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:15	Soil	BS25-20 (1')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:20	Soil	BS25-21 (1')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:25	Soil	BS25-22 (1')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:30	Soil	BS25-23 (1')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:35	Soil	BS25-24 (1')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:40	Soil	BS25-25 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:45	Soil	BS25-26 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:50	Soil	BS25-27 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	10:55	Soil	BS25-28 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	11:00	Soil	BS25-29 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	11:05	Soil	BS25-30 (0-2')	1, 4oz jar	ICE		X	X					X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
		Sharon Minnix			5/5/25	1300
Date: 5/5/25	Time: 1900	Relinquished by:	Received by:	Via:	Date	Time
				courier	5/6/25	7:40

Remarks: Direct Bill to Devon Energy ATTN: Jim Raley
CC.Sally Carttar (SCarttar@vertexresource.com), Kent Stallings (kstallings@vertexresource.com), Andrew Ludvik (ALudvik@vertexresource.com), and Sharon Minnix (SMinnix@vertexresource.com) for Final Report.

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Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex (bill to Devon Energy, Jim Raley)**

Mailing Address: (On File)

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

X Standard X Rush 5 Day

Project Name: **North Pure Gold 9 Fed 1**

Project #: **25A-01165**

Project Manager: **Sally Carttar**

SCarttar@vertexresource.com

Sampler: Sharon Minnix

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 2.6+0.2 = 2.8°C

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www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)					
05.02.25	11:10	Soil	BS25-31 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:15	Soil	BS25-32 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:20	Soil	BS25-33 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:25	Soil	BS25-34 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:30	Soil	BS25-35 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:35	Soil	BS25-36 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:40	Soil	BS25-37 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:45	Soil	BS25-38 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:50	Soil	BS25-39 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	11:55	Soil	BS25-40 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	12:00	Soil	BS25-41 (0-2')	1, 4oz jar	ICE		X	X					X								
05.02.25	12:05	Soil	BS25-43 (0-2')	1, 4oz jar	ICE		X	X					X								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
		Sharon Minnix			5/5/25	1300
Date: 5/5/25	Time: 1900	Relinquished by:	Received by:	Via: Courier	Date 5/6/25	Time 7:40

Remarks: Direct Bill to Devon Energy ATTN: Jim Raley
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Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex (bill to Devon Energy, Jim Raley)**

Mailing Address: (On File)

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

X Standard X Rush 5 Day

Project Name: **North Pure Gold 9 Fed 1**

Project #: **25A-01165**

Project Manager: **Sally Carttar**

SCarttar@vertexresource.com

Sampler: Sharon Minnix

On Ice: ☒ Yes ☐ No mgw

# of Coolers: 1

Cooler Temp(including CF): 2.6+0.2=2.8°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
05.02.25	12:10	Soil	BS25-45 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:15	Soil	BS25-46 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:20	Soil	BS25-48 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:25	Soil	BS25-49 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:30	Soil	BS25-50 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:35	Soil	BS25-51 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:40	Soil	BS25-52 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:45	Soil	BS25-53 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:50	Soil	BS25-54 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	12:55	Soil	BS25-55 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	13:00	Soil	BS25-56 (0-2')	1, 4oz jar	ICE		X	X					X									
05.02.25	13:05	Soil	BS25-57 (0-2')	1, 4oz jar	ICE		X	X					X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
		Sharon Minnix	C		5/5/25	1300
Date: 5/5/25	Time: 1900	Relinquished by: C	Received by:	Via: courier	Date 5/6/25	Time 7:40

Remarks: Direct Bill to Devon Energy ATTN: Jim Raley CC.Sally Carttar (SCarttar@vertexresource.com), Kent Stallings (kstallings@vertexresource.com), Andrew Ludvik (ALudvik@vertexresource.com), and Sharon Minnix (SMinnix@vertexresource.com) for Final Report.

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5/13/2025

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Chain-of-Custody Record

Client: **Vertex (bill to Devon Energy, Jim Raley)**

Mailing Address: (On File)

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

X Standard

Project Name: **North Pure Gold 9 Fed 1**

Project #: **25A-01165**

Project Manager: **Sally Carttar**

SCarttar@vertexresource.com

Sampler: Sharon Minnix

On Ice: ☑ Yes ☐ No mej

# of Coolers: 1

Cooler Temp(including CF): 2.6+0.2=2.8

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
05.02.25	13:10	Soil	BS25-58 (2')	1, 4oz jar	ICE		X	X					X									
05.02.25	13:15	Soil	BS25-59 (2')	1, 4oz jar	ICE		X	X					X									
05.02.25	13:20	Soil	BS25-60 (2')	1, 4oz jar	ICE		X	X					X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
		Sharon Minnix			5/5/25	1300
Date: 5/5/25	Time: 1900	Relinquished by:	Received by:	Via: Courier	5/6/25	7:40

Remarks: Direct Bill to Devon Energy ATTN: Jim Raley
CC.Sally Carttar (SCarttar@vertexresource.com), Kent Stallings (kstallings@vertexresource.com), Andrew Ludvik (ALudvik@vertexresource.com), and Sharon Minnix (SMinnix@vertexresource.com) for Final Report.

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Login Sample Receipt Checklist

Client: Vertex Job Number: 885-24275-1

Login Number: 24275 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 9/15/2025 12:59:52 PM Revision 1

JOB DESCRIPTION

North Pure Gold 9 Federal #001

JOB NUMBER

885-32504-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Revision 1

Authorized for release by
Jackie Bolte, Project Manager
jackie.bolte@et.eurofinsus.com
Designee for
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Laboratory Job ID: 885-32504-1

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Receipt Checklists 88

Definitions/Glossary

Client: Vertex Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex Job ID: 885-32504-1
Project: North Pure Gold 9 Federal #001

Job ID: 885-32504-1 Eurofins Albuquerque

Job Narrative
885-32504-1

REVISION

The report being provided is a revision of the original report sent on 9/12/2025. The report (revision 1) is being revised due to Updating Sample ID for BH25-19 to BH25-09..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/4/2025 8:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

Gasoline Range Organics
Method 8015D_GRO: MS and MSD recovery % low, LCS is within range. Analyst spiking error

(885-32504-A-31-B MS) and (885-32504-A-31-C MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The following samples required a dilution due to the nature of the sample matrix: BH25-08 0' (885-32504-4) and BH25-09 0' (885-32504-9). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8015D_DRO: The following sample required a dilution due to the nature of the sample matrix: BH25-19 0' (885-32504-41). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_OF_28D_PREC: The matrix spike duplicate (MSD) recoveries for preparation batch 885-34141 and analytical batch 885-34176 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-07 0'

Date Collected: 08/28/25 09:30
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 15:58	09/06/25 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 15:58*	*09/06/25 08:31*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 08:31	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 08:31	1
Toluene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 08:31	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 15:58	09/06/25 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*09/04/25 15:58*	*09/06/25 08:31*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**61**		9.5		mg/Kg		09/08/25 10:58	09/09/25 11:31	1
Motor Oil Range Organics [C28-C40]	**210**		47		mg/Kg		09/08/25 10:58	09/09/25 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/08/25 10:58*	*09/09/25 11:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		50		mg/Kg		09/05/25 08:07	09/05/25 18:16	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-07 1'

Date Collected: 08/28/25 09:35
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 15:58	09/06/25 08:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 08:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 08:53	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 08:53	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 08:53	1
Xylenes, Total	ND		0.094		mg/Kg		09/04/25 15:58	09/06/25 08:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 08:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/08/25 10:58	09/08/25 16:59	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 10:58	09/08/25 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*09/08/25 10:58*	*09/08/25 16:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**370**		50		mg/Kg		09/05/25 08:07	09/05/25 18:27	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-07 2'

Date Collected: 08/28/25 09:40
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-3

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 15:58	09/06/25 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 09:15*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 15:58	09/06/25 09:15	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 09:15	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 09:15	1
Xylenes, Total	ND		0.093		mg/Kg		09/04/25 15:58	09/06/25 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 09:15*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 10:58	09/08/25 17:11	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 10:58	09/08/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/08/25 10:58*	*09/08/25 17:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**340**		50		mg/Kg		09/05/25 08:07	09/05/25 18:38	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-08 0'

Date Collected: 08/28/25 09:50
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-4

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 15:58	09/06/25 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 15:58*	*09/06/25 09:37*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 09:37	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 09:37	1
Toluene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 09:37	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 15:58	09/06/25 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 15:58*	*09/06/25 09:37*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**240**		91		mg/Kg		09/08/25 10:58	09/08/25 17:23	10
Motor Oil Range Organics [C28-C40]	**640**		460		mg/Kg		09/08/25 10:58	09/08/25 17:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*09/08/25 10:58*	*09/08/25 17:23*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3500**		50		mg/Kg		09/05/25 08:07	09/05/25 19:10	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-08 1'
Lab Sample ID: 885-32504-5
Date Collected: 08/28/25 09:55
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 15:58	09/06/25 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/04/25 15:58*	*09/06/25 09:59*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 09:59	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 09:59	1
Toluene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 09:59	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 15:58	09/06/25 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 09:59*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		09/08/25 10:58	09/08/25 18:01	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/08/25 10:58	09/08/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/08/25 10:58*	*09/08/25 18:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2500**		50		mg/Kg		09/05/25 08:07	09/05/25 19:21	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-08 2'
Lab Sample ID: 885-32504-6
Date Collected: 08/28/25 10:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/04/25 15:58	09/06/25 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 10:20*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 15:58	09/06/25 10:20	1
Ethylbenzene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 10:20	1
Toluene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 10:20	1
Xylenes, Total	ND		0.098		mg/Kg		09/04/25 15:58	09/06/25 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 10:20*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		09/08/25 10:58	09/08/25 18:14	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 10:58	09/08/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*09/08/25 10:58*	*09/08/25 18:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**790**		50		mg/Kg		09/05/25 08:07	09/05/25 19:32	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-08 3'
Lab Sample ID: 885-32504-7
Date Collected: 08/28/25 10:05
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 15:58	09/06/25 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 10:42*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 10:42	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 10:42	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 10:42	1
Xylenes, Total	ND		0.094		mg/Kg		09/04/25 15:58	09/06/25 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 10:42*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		09/08/25 10:58	09/08/25 18:26	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/08/25 10:58	09/08/25 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*09/08/25 10:58*	*09/08/25 18:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		50		mg/Kg		09/05/25 08:07	09/05/25 19:43	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-08 4'
Lab Sample ID: 885-32504-8
Date Collected: 08/28/25 10:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 15:58	09/06/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 11:04*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 15:58	09/06/25 11:04	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 11:04	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 11:04	1
Xylenes, Total	ND		0.093		mg/Kg		09/04/25 15:58	09/06/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 11:04*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/08/25 10:58	09/08/25 18:39	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 10:58	09/08/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*09/08/25 10:58*	*09/08/25 18:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**760**		50		mg/Kg		09/05/25 08:07	09/05/25 19:53	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-09 0'
Lab Sample ID: 885-32504-9
Date Collected: 08/28/25 10:20
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 15:58	09/06/25 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 15:58*	*09/06/25 11:26*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 11:26	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 11:26	1
Toluene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 11:26	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 15:58	09/06/25 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 15:58*	*09/06/25 11:26*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3200**		99		mg/Kg		09/08/25 10:58	09/08/25 18:51	10
Motor Oil Range Organics [C28-C40]	**5600**		490		mg/Kg		09/08/25 10:58	09/08/25 18:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*09/08/25 10:58*	*09/08/25 18:51*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57**		50		mg/Kg		09/05/25 08:07	09/05/25 20:04	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-09 1'
Lab Sample ID: 885-32504-10
Date Collected: 08/28/25 10:25
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		09/04/25 15:58	09/06/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 11:48*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 15:58	09/06/25 11:48	1
Ethylbenzene	ND		0.046		mg/Kg		09/04/25 15:58	09/06/25 11:48	1
Toluene	ND		0.046		mg/Kg		09/04/25 15:58	09/06/25 11:48	1
Xylenes, Total	ND		0.093		mg/Kg		09/04/25 15:58	09/06/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 11:48*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**11**		9.5		mg/Kg		09/08/25 10:58	09/09/25 12:08	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 10:58	09/09/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*09/08/25 10:58*	*09/09/25 12:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3200**		50		mg/Kg		09/05/25 08:07	09/05/25 20:15	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-09 2'
Lab Sample ID: 885-32504-11
Date Collected: 08/28/25 10:30
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 10:19	09/10/25 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 10:19*	*09/10/25 05:07*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 05:07	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 05:07	1
Toluene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 05:07	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*09/05/25 10:19*	*09/10/25 05:07*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/08/25 10:58	09/08/25 19:54	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 10:58	09/08/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*09/08/25 10:58*	*09/08/25 19:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**790**		50		mg/Kg		09/05/25 12:46	09/05/25 20:48	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-10 0'
Lab Sample ID: 885-32504-12
Date Collected: 08/28/25 10:40
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 10:19	09/10/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 10:19*	*09/10/25 06:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 06:18	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 06:18	1
Toluene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 06:18	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*09/05/25 10:19*	*09/10/25 06:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 10:58	09/08/25 20:06	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 10:58	09/08/25 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*	*09/08/25 10:58*	*09/08/25 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		09/05/25 12:46	09/05/25 21:42	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-10 1'
Lab Sample ID: 885-32504-13
Date Collected: 08/28/25 10:45
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 10:19	09/10/25 07:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/05/25 10:19*	*09/10/25 07:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 07:28	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 07:28	1
Toluene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 07:28	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 10:19	09/10/25 07:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*09/05/25 10:19*	*09/10/25 07:28*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		09/08/25 12:02	09/08/25 21:20	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 12:02	09/08/25 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*09/08/25 12:02*	*09/08/25 21:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/05/25 22:14	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-10 2'
Date Collected: 08/28/25 10:50
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-14
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 10:19	09/10/25 07:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*09/05/25 10:19*	*09/10/25 07:52*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 07:52	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 07:52	1
Toluene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 07:52	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 07:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*09/05/25 10:19*	*09/10/25 07:52*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		09/08/25 12:02	09/08/25 21:57	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/08/25 12:02	09/08/25 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/08/25 12:02*	*09/08/25 21:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/05/25 22:25	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-11 0'
Lab Sample ID: 885-32504-15
Date Collected: 08/28/25 11:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 10:19	09/10/25 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*09/05/25 10:19*	*09/10/25 08:15*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 08:15	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 08:15	1
Toluene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 08:15	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*09/05/25 10:19*	*09/10/25 08:15*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**13**		9.5		mg/Kg		09/08/25 12:02	09/08/25 22:10	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/08/25 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*09/08/25 12:02*	*09/08/25 22:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/05/25 22:36	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-11 1'

Date Collected: 08/28/25 11:05
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-16

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 10:19	09/10/25 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/05/25 10:19*	*09/10/25 08:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 08:39	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 08:39	1
Toluene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 08:39	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*09/05/25 10:19*	*09/10/25 08:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/08/25 12:02	09/08/25 22:22	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/08/25 12:02	09/08/25 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*09/08/25 12:02*	*09/08/25 22:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65**		50		mg/Kg		09/05/25 12:46	09/05/25 22:47	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-11 2'

Date Collected: 08/28/25 11:10
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-17

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 10:19	09/10/25 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/05/25 10:19*	*09/10/25 09:02*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 09:02	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 09:02	1
Toluene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 09:02	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 10:19	09/10/25 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 10:19*	*09/10/25 09:02*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 12:02	09/08/25 22:35	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/08/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/08/25 12:02*	*09/08/25 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		09/05/25 12:46	09/05/25 22:58	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-12 0'
Lab Sample ID: 885-32504-18
Date Collected: 08/28/25 11:20
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 10:19	09/10/25 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*09/05/25 10:19*	*09/10/25 09:26*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 09:26	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 09:26	1
Toluene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 09:26	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 10:19*	*09/10/25 09:26*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 12:02	09/08/25 22:47	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/08/25 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*09/08/25 12:02*	*09/08/25 22:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/05/25 23:30	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-12 1'
Lab Sample ID: 885-32504-19
Date Collected: 08/28/25 11:25
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 10:19	09/10/25 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*09/05/25 10:19*	*09/10/25 09:49*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 09:49	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 09:49	1
Toluene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 09:49	1
Xylenes, Total	ND		0.098		mg/Kg		09/05/25 10:19	09/10/25 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*09/05/25 10:19*	*09/10/25 09:49*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/08/25 12:02	09/08/25 23:13	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 12:02	09/08/25 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/08/25 12:02*	*09/08/25 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/05/25 23:41	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-12 2'
Lab Sample ID: 885-32504-20
Date Collected: 08/28/25 11:30
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 10:19	09/10/25 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/05/25 10:19*	*09/10/25 10:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 10:13	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 10:13	1
Toluene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 10:13	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 10:19*	*09/10/25 10:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		09/08/25 12:02	09/08/25 23:25	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/08/25 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*09/08/25 12:02*	*09/08/25 23:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/05/25 23:52	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-13 0'
Lab Sample ID: 885-32504-21
Date Collected: 08/28/25 11:40
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 10:19	09/10/25 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*09/05/25 10:19*	*09/10/25 15:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 15:28	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 15:28	1
Toluene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 15:28	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*	*09/05/25 10:19*	*09/10/25 15:28*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/08/25 12:02	09/08/25 23:37	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 12:02	09/08/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*09/08/25 12:02*	*09/08/25 23:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/06/25 00:03	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-13 1'

Date Collected: 08/28/25 11:45
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-22

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 10:19	09/10/25 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*09/05/25 10:19*	*09/10/25 15:52*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 15:52	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 15:52	1
Toluene	ND		0.049		mg/Kg		09/05/25 10:19	09/10/25 15:52	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 10:19	09/10/25 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*09/05/25 10:19*	*09/10/25 15:52*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 12:02	09/08/25 23:50	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/08/25 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*09/08/25 12:02*	*09/08/25 23:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88**		50		mg/Kg		09/05/25 12:46	09/06/25 00:14	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-13 2'
Lab Sample ID: 885-32504-23
Date Collected: 08/28/25 11:50
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 10:19	09/10/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 10:19*	*09/10/25 16:16*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 16:16	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 16:16	1
Toluene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 16:16	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 10:19	09/10/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*09/05/25 10:19*	*09/10/25 16:16*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 12:02	09/09/25 00:02	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/09/25 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*09/08/25 12:02*	*09/09/25 00:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79**		50		mg/Kg		09/05/25 12:46	09/06/25 00:25	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-13 3'

Date Collected: 08/28/25 11:55
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-24

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 11:57	09/10/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*09/05/25 11:57*	*09/10/25 16:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 11:57	09/10/25 16:39	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 11:57	09/10/25 16:39	1
Toluene	ND		0.050		mg/Kg		09/05/25 11:57	09/10/25 16:39	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 11:57	09/10/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*09/05/25 11:57*	*09/10/25 16:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/08/25 12:02	09/09/25 00:15	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 12:02	09/09/25 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*09/08/25 12:02*	*09/09/25 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/06/25 00:35	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-13 4'
Lab Sample ID: 885-32504-25
Date Collected: 08/28/25 12:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 11:57	09/10/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*09/05/25 11:57*	*09/10/25 17:03*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 11:57	09/10/25 17:03	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 17:03	1
Toluene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 17:03	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 11:57	09/10/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 150*	*09/05/25 11:57*	*09/10/25 17:03*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 12:02	09/09/25 00:27	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/09/25 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*09/08/25 12:02*	*09/09/25 00:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/06/25 00:46	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-14 0'

Date Collected: 08/28/25 12:10
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-26

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 11:57	09/10/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*09/05/25 11:57*	*09/10/25 17:27*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 11:57	09/10/25 17:27	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 11:57	09/10/25 17:27	1
Toluene	ND		0.050		mg/Kg		09/05/25 11:57	09/10/25 17:27	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 11:57	09/10/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*09/05/25 11:57*	*09/10/25 17:27*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		09/08/25 12:02	09/09/25 00:40	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/09/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*09/08/25 12:02*	*09/09/25 00:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52**		50		mg/Kg		09/05/25 12:46	09/06/25 00:57	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-14 1'
Lab Sample ID: 885-32504-27
Date Collected: 08/28/25 12:15
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 11:57	09/10/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*09/05/25 11:57*	*09/10/25 17:50*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 11:57	09/10/25 17:50	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 17:50	1
Toluene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 17:50	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 11:57	09/10/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*09/05/25 11:57*	*09/10/25 17:50*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		09/08/25 12:02	09/09/25 00:52	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 12:02	09/09/25 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/08/25 12:02*	*09/09/25 00:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 12:46	09/06/25 01:08	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-14 2'
Lab Sample ID: 885-32504-28
Date Collected: 08/28/25 12:20
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 11:57	09/10/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*09/05/25 11:57*	*09/10/25 18:14*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 11:57	09/10/25 18:14	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 18:14	1
Toluene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 18:14	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 11:57	09/10/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*09/05/25 11:57*	*09/10/25 18:14*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/08/25 12:02	09/09/25 01:05	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 12:02	09/09/25 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*09/08/25 12:02*	*09/09/25 01:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND	F1	50		mg/Kg		09/08/25 11:27	09/08/25 13:51	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-15 0'

Date Collected: 08/28/25 12:30
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-29

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 11:57	09/10/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 11:57*	*09/10/25 18:37*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 11:57	09/10/25 18:37	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 18:37	1
Toluene	ND		0.049		mg/Kg		09/05/25 11:57	09/10/25 18:37	1
Xylenes, Total	ND		0.098		mg/Kg		09/05/25 11:57	09/10/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*09/05/25 11:57*	*09/10/25 18:37*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/08/25 12:02	09/09/25 01:29	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 12:02	09/09/25 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*09/08/25 12:02*	*09/09/25 01:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 14:22	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-15 1'
Lab Sample ID: 885-32504-30
Date Collected: 08/28/25 12:35
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 11:57	09/10/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*09/05/25 11:57*	*09/10/25 19:01*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 11:57	09/10/25 19:01	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 11:57	09/10/25 19:01	1
Toluene	ND		0.050		mg/Kg		09/05/25 11:57	09/10/25 19:01	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 11:57	09/10/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*09/05/25 11:57*	*09/10/25 19:01*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/08/25 12:02	09/09/25 01:42	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 12:02	09/09/25 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*09/08/25 12:02*	*09/09/25 01:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 14:53	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-15 2'
Lab Sample ID: 885-32504-31
Date Collected: 08/28/25 12:40
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	F1	4.9		mg/Kg		09/05/25 12:58	09/10/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/10/25 19:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 19:24	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 19:24	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 19:24	1
Xylenes, Total	ND		0.098		mg/Kg		09/05/25 12:58	09/10/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 12:58*	*09/10/25 19:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		09/08/25 14:41	09/09/25 13:09	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 14:41	09/09/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/08/25 14:41*	*09/09/25 13:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 15:25	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-16 0'

Date Collected: 08/28/25 12:50
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-32

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/10/25 19:45*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 19:45	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 19:45	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 19:45	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/10/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 12:58*	*09/10/25 19:45*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/08/25 14:41	09/09/25 13:46	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 14:41	09/09/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/08/25 14:41*	*09/09/25 13:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 15:35	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-16 1'
Lab Sample ID: 885-32504-33
Date Collected: 08/28/25 12:55
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/05/25 12:58*	*09/10/25 20:07*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 20:07	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 20:07	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 20:07	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/10/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 12:58*	*09/10/25 20:07*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/08/25 14:41	09/09/25 13:58	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 14:41	09/09/25 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/08/25 14:41*	*09/09/25 13:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 15:45	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-16 2'

Date Collected: 08/28/25 13:00
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-34

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/10/25 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/10/25 20:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 20:29	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 20:29	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 20:29	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/10/25 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 12:58*	*09/10/25 20:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/08/25 14:41	09/09/25 14:11	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 14:41	09/09/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/08/25 14:41*	*09/09/25 14:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 15:56	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-17 0'
Lab Sample ID: 885-32504-35
Date Collected: 08/28/25 13:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/05/25 12:58*	*09/10/25 20:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 20:51	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 20:51	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 20:51	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/10/25 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 20:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**13**		9.8		mg/Kg		09/08/25 14:41	09/09/25 14:23	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 14:41	09/09/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*09/08/25 14:41*	*09/09/25 14:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 16:06	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-17 1'
Lab Sample ID: 885-32504-36
Date Collected: 08/28/25 13:15
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 21:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 21:12	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 21:12	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 21:12	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/10/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 21:12*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/08/25 14:41	09/09/25 14:35	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/08/25 14:41	09/09/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*112*		*62 - 134*	*09/08/25 14:41*	*09/09/25 14:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 16:16	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-17 2'
Lab Sample ID: 885-32504-37
Date Collected: 08/28/25 13:20
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 21:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 21:34	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 21:34	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 21:34	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/10/25 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*09/05/25 12:58*	*09/10/25 21:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		09/08/25 14:41	09/09/25 15:00	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 14:41	09/09/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*09/08/25 14:41*	*09/09/25 15:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 16:27	10

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Client Sample ID: BH25-18 0'

Date Collected: 08/28/25 13:35
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32504-38

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/10/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 21:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 21:56	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 21:56	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 21:56	1
Xylenes, Total	ND		0.098		mg/Kg		09/05/25 12:58	09/10/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/05/25 12:58*	*09/10/25 21:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**15**		9.7		mg/Kg		09/08/25 14:41	09/09/25 15:13	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/08/25 14:41	09/09/25 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*09/08/25 14:41*	*09/09/25 15:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		09/08/25 11:27	09/08/25 16:37	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-18 1'
Lab Sample ID: 885-32504-39
Date Collected: 08/28/25 13:35
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/10/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 22:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 22:18	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 22:18	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 22:18	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/10/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 22:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**64**		9.3		mg/Kg		09/08/25 14:41	09/09/25 15:25	1
Motor Oil Range Organics [C28-C40]	**150**		47		mg/Kg		09/08/25 14:41	09/09/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*09/08/25 14:41*	*09/09/25 15:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		09/08/25 11:27	09/08/25 16:47	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-18 2'
Lab Sample ID: 885-32504-40
Date Collected: 08/28/25 13:40
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/10/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/10/25 22:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 22:39	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 22:39	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 22:39	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/10/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/10/25 22:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		09/08/25 14:41	09/09/25 15:38	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/08/25 14:41	09/09/25 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*09/08/25 14:41*	*09/09/25 15:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54**		51		mg/Kg		09/08/25 11:27	09/08/25 16:58	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-19 0'
Lab Sample ID: 885-32504-41
Date Collected: 08/28/25 13:50
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 23:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 23:23	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 23:23	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 23:23	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/10/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/05/25 12:58*	*09/10/25 23:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**200**		92		mg/Kg		09/08/25 14:41	09/09/25 15:50	10
Motor Oil Range Organics [C28-C40]	**590**		460		mg/Kg		09/08/25 14:41	09/09/25 15:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*09/08/25 14:41*	*09/09/25 15:50*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78**		50		mg/Kg		09/08/25 11:27	09/08/25 17:29	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-19 1'
Lab Sample ID: 885-32504-42
Date Collected: 08/28/25 13:55
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/10/25 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/05/25 12:58*	*09/10/25 23:45*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 23:45	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 23:45	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/10/25 23:45	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/10/25 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 23:45*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**17**		9.5		mg/Kg		09/08/25 14:41	09/09/25 16:03	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 14:41	09/09/25 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*	*09/08/25 14:41*	*09/09/25 16:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 17:39	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-19 2'
Lab Sample ID: 885-32504-43
Date Collected: 08/28/25 14:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/11/25 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/05/25 12:58*	*09/11/25 00:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 00:06	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 00:06	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 00:06	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/11/25 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/11/25 00:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		09/08/25 14:41	09/09/25 16:15	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/08/25 14:41	09/09/25 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*120*		*62 - 134*	*09/08/25 14:41*	*09/09/25 16:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80**		50		mg/Kg		09/08/25 11:27	09/08/25 17:49	10

Client Sample Results

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-09 3'
Lab Sample ID: 885-32504-44
Date Collected: 08/28/25 14:15
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/11/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/05/25 12:58*	*09/11/25 00:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 00:28	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/11/25 00:28	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/11/25 00:28	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/11/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/05/25 12:58*	*09/11/25 00:28*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/08/25 14:41	09/09/25 16:28	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/08/25 14:41	09/09/25 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*09/08/25 14:41*	*09/09/25 16:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		50		mg/Kg		09/08/25 11:27	09/08/25 18:00	10

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-33903/1-A
Matrix: Solid
Analysis Batch: 34029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33903

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/04/25 15:58	09/06/25 02:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 15:58*	*09/06/25 02:20*	*1*

Lab Sample ID: MB 885-33960/1-A
Matrix: Solid
Analysis Batch: 34291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33960

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 10:19	09/10/25 04:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/05/25 10:19*	*09/10/25 04:43*	*1*

Lab Sample ID: LCS 885-33960/2-A
Matrix: Solid
Analysis Batch: 34291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33960

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	21.2		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*215*		*15 - 150*

Lab Sample ID: 885-32504-11 MS
Matrix: Solid
Analysis Batch: 34291

Client Sample ID: BH25-09 2'
Prep Type: Total/NA
Prep Batch: 33960

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	18.9		mg/Kg		76	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*		*15 - 150*

Lab Sample ID: 885-32504-11 MSD
Matrix: Solid
Analysis Batch: 34291

Client Sample ID: BH25-09 2'
Prep Type: Total/NA
Prep Batch: 33960

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	18.3		mg/Kg		74	70 - 130	3	20

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-32504-11 MSD
Matrix: Solid
Analysis Batch: 34291

Client Sample ID: BH25-09 2'
Prep Type: Total/NA
Prep Batch: 33960

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	200		15 - 150

Lab Sample ID: MB 885-33977/1-A
Matrix: Solid
Analysis Batch: 34388

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33977

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 19:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150	09/05/25 12:58	09/10/25 19:02	1

Lab Sample ID: LCS 885-33977/2-A
Matrix: Solid
Analysis Batch: 34388

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33977

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	19.7		mg/Kg		79	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	196		15 - 150

Lab Sample ID: 885-32504-31 MS
Matrix: Solid
Analysis Batch: 34388

Client Sample ID: BH25-15 2'
Prep Type: Total/NA
Prep Batch: 33977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND	F1	24.9	15.8	F1	mg/Kg		64	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	179		15 - 150

Lab Sample ID: 885-32504-31 MSD
Matrix: Solid
Analysis Batch: 34388

Client Sample ID: BH25-15 2'
Prep Type: Total/NA
Prep Batch: 33977

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND	F1	24.7	17.6		mg/Kg		71	70 - 130	11	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	190		15 - 150

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-33903/1-A
Matrix: Solid
Analysis Batch: 34028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33903

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 15:58	09/06/25 02:20	1
Ethylbenzene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 02:20	1
Toluene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 02:20	1
Xylenes, Total	ND		0.10		mg/Kg		09/04/25 15:58	09/06/25 02:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 02:20*	*1*

Lab Sample ID: LCS 885-33903/3-A
Matrix: Solid
Analysis Batch: 34028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.04		mg/Kg		104	70 - 130
Ethylbenzene	1.00	1.02		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	2.00	2.04		mg/Kg		102	70 - 130
o-Xylene	1.00	1.01		mg/Kg		101	70 - 130
Toluene	1.00	1.02		mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*

Lab Sample ID: MB 885-33960/1-A
Matrix: Solid
Analysis Batch: 34292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33960

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 10:19	09/10/25 04:43	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 04:43	1
Toluene	ND		0.050		mg/Kg		09/05/25 10:19	09/10/25 04:43	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 10:19	09/10/25 04:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*09/05/25 10:19*	*09/10/25 04:43*	*1*

Lab Sample ID: LCS 885-33960/3-A
Matrix: Solid
Analysis Batch: 34292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33960

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.01		mg/Kg		101	70 - 130
Ethylbenzene	1.00	1.00		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	2.00	2.04		mg/Kg		102	70 - 130
o-Xylene	1.00	1.00		mg/Kg		100	70 - 130
Toluene	1.00	1.01		mg/Kg		101	70 - 130

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-33960/3-A
Matrix: Solid
Analysis Batch: 34292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33960

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		15 - 150

Lab Sample ID: 885-32504-12 MS
Matrix: Solid
Analysis Batch: 34292

Client Sample ID: BH25-10 0'
Prep Type: Total/NA
Prep Batch: 33960

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.994	1.01		mg/Kg		101	70 - 130
Ethylbenzene	ND		0.994	0.979		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	ND		1.99	1.95		mg/Kg		97	70 - 130
o-Xylene	ND		0.994	0.980		mg/Kg		97	70 - 130
Toluene	ND		0.994	0.996		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		15 - 150

Lab Sample ID: 885-32504-12 MSD
Matrix: Solid
Analysis Batch: 34292

Client Sample ID: BH25-10 0'
Prep Type: Total/NA
Prep Batch: 33960

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.991	0.960		mg/Kg		97	70 - 130	5	20
Ethylbenzene	ND		0.991	0.947		mg/Kg		94	70 - 130	3	20
m-Xylene & p-Xylene	ND		1.98	1.91		mg/Kg		95	70 - 130	2	20
o-Xylene	ND		0.991	0.937		mg/Kg		93	70 - 130	4	20
Toluene	ND		0.991	0.965		mg/Kg		97	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		15 - 150

Lab Sample ID: MB 885-33977/1-A
Matrix: Solid
Analysis Batch: 34387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33977

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 19:02	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 19:02	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 19:02	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/10/25 19:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150	09/05/25 12:58	09/10/25 19:02	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-33977/3-A
Matrix: Solid
Analysis Batch: 34387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33977

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.01		mg/Kg		101	70 - 130		
Ethylbenzene			1.00	0.987		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene			2.00	1.97		mg/Kg		98	70 - 130		
o-Xylene			1.00	0.981		mg/Kg		98	70 - 130		
Toluene			1.00	0.984		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*

Lab Sample ID: 885-32504-32 MS
Matrix: Solid
Analysis Batch: 34387

Client Sample ID: BH25-16 0'
Prep Type: Total/NA
Prep Batch: 33977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.987	0.967		mg/Kg		98	70 - 130		
Ethylbenzene	ND		0.987	0.966		mg/Kg		98	70 - 130		
m-Xylene & p-Xylene	ND		1.97	1.92		mg/Kg		97	70 - 130		
o-Xylene	ND		0.987	0.954		mg/Kg		97	70 - 130		
Toluene	ND		0.987	0.951		mg/Kg		96	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*

Lab Sample ID: 885-32504-32 MSD
Matrix: Solid
Analysis Batch: 34387

Client Sample ID: BH25-16 0'
Prep Type: Total/NA
Prep Batch: 33977

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.992	0.987		mg/Kg		99	70 - 130	2	20
Ethylbenzene	ND		0.992	0.972		mg/Kg		98	70 - 130	1	20
m-Xylene & p-Xylene	ND		1.98	1.93		mg/Kg		97	70 - 130	1	20
o-Xylene	ND		0.992	0.978		mg/Kg		99	70 - 130	2	20
Toluene	ND		0.992	0.957		mg/Kg		97	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-34133/1-A
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34133

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/08/25 10:58	09/08/25 14:05	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/08/25 10:58	09/08/25 14:05	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-34133/1-A
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34133

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134	09/08/25 10:58	09/08/25 14:05	1

Lab Sample ID: LCS 885-34133/2-A
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34133

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	57.3		mg/Kg		115	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	109		62 - 134

Lab Sample ID: 885-32504-12 MS
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: BH25-10 0'
Prep Type: Total/NA
Prep Batch: 34133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		50.0	34.1		mg/Kg		68	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	113		62 - 134

Lab Sample ID: 885-32504-12 MSD
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: BH25-10 0'
Prep Type: Total/NA
Prep Batch: 34133

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.6	38.4		mg/Kg		82	44 - 136	12	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	114		62 - 134

Lab Sample ID: MB 885-34160/1-A
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34160

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/08/25 12:01	09/08/25 20:56	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/08/25 12:01	09/08/25 20:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134	09/08/25 12:01	09/08/25 20:56	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-34160/2-A
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34160

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	48.0		mg/Kg		96	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*

Lab Sample ID: 885-32504-13 MS
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: BH25-10 1'
Prep Type: Total/NA
Prep Batch: 34160

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.7	50.8		mg/Kg		104	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*

Lab Sample ID: 885-32504-13 MSD
Matrix: Solid
Analysis Batch: 34058

Client Sample ID: BH25-10 1'
Prep Type: Total/NA
Prep Batch: 34160

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.0	51.0		mg/Kg		104	44 - 136	0	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*

Lab Sample ID: MB 885-34191/1-A
Matrix: Solid
Analysis Batch: 34226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34191

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/08/25 14:40	09/09/25 12:45	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/08/25 14:40	09/09/25 12:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*09/08/25 14:40*	*09/09/25 12:45*	*1*

Lab Sample ID: LCS 885-34191/2-A
Matrix: Solid
Analysis Batch: 34226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34191

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	55.3		mg/Kg		111	51 - 148		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-34191/2-A
Matrix: Solid
Analysis Batch: 34226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34191

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	111		62 - 134

Lab Sample ID: 885-32504-31 MS
Matrix: Solid
Analysis Batch: 34226

Client Sample ID: BH25-15 2'
Prep Type: Total/NA
Prep Batch: 34191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		47.4	57.3		mg/Kg		121	44 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	115		62 - 134

Lab Sample ID: 885-32504-31 MSD
Matrix: Solid
Analysis Batch: 34226

Client Sample ID: BH25-15 2'
Prep Type: Total/NA
Prep Batch: 34191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		47.1	53.1		mg/Kg		113	44 - 136	8	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	115		62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-33901/3-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33901

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.92	5.27		mg/L		107	50 - 150

Lab Sample ID: MB 885-33940/1-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33940

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		09/05/25 08:07	09/05/25 09:27	1

Lab Sample ID: LCS 885-33940/2-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	49.4		mg/Kg		99	90 - 110

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-33976/1-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33976

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/05/25 12:46	09/05/25 20:26	1

Lab Sample ID: LCS 885-33976/2-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33976

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	50.0		mg/Kg		100	90 - 110		

Lab Sample ID: 885-32504-12 MS
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-10 0'
Prep Type: Total/NA
Prep Batch: 33976

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		50.3	56.8		mg/Kg		113	50 - 150		

Lab Sample ID: 885-32504-12 MSD
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-10 0'
Prep Type: Total/NA
Prep Batch: 33976

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.5	58.3		mg/Kg		NC	50 - 150	3	20

Lab Sample ID: MB 885-34141/1-A
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34141

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/08/25 11:27	09/08/25 13:31	1

Lab Sample ID: LCS 885-34141/2-A
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34141

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.2	48.3		mg/Kg		96	90 - 110		

Lab Sample ID: 885-32504-28 MS
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: BH25-14 2'
Prep Type: Total/NA
Prep Batch: 34141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND	F1	50.7	81.0		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-32504-29 MS
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: BH25-15 0'
Prep Type: Total/NA
Prep Batch: 34141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		49.7	58.5		mg/Kg		NC	50 - 150		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-32504-29 MSD
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: BH25-15 0'
Prep Type: Total/NA
Prep Batch: 34141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		49.5	57.3		mg/Kg		NC	50 - 150	2	20

QC Association Summary

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA

Prep Batch: 33903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-1	BH25-07 0'	Total/NA	Solid	5030C	
885-32504-2	BH25-07 1'	Total/NA	Solid	5030C	
885-32504-3	BH25-07 2'	Total/NA	Solid	5030C	
885-32504-4	BH25-08 0'	Total/NA	Solid	5030C	
885-32504-5	BH25-08 1'	Total/NA	Solid	5030C	
885-32504-6	BH25-08 2'	Total/NA	Solid	5030C	
885-32504-7	BH25-08 3'	Total/NA	Solid	5030C	
885-32504-8	BH25-08 4'	Total/NA	Solid	5030C	
885-32504-9	BH25-09 0'	Total/NA	Solid	5030C	
885-32504-10	BH25-09 1'	Total/NA	Solid	5030C	
MB 885-33903/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-33903/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 33960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-11	BH25-09 2'	Total/NA	Solid	5030C	
885-32504-12	BH25-10 0'	Total/NA	Solid	5030C	
885-32504-13	BH25-10 1'	Total/NA	Solid	5030C	
885-32504-14	BH25-10 2'	Total/NA	Solid	5030C	
885-32504-15	BH25-11 0'	Total/NA	Solid	5030C	
885-32504-16	BH25-11 1'	Total/NA	Solid	5030C	
885-32504-17	BH25-11 2'	Total/NA	Solid	5030C	
885-32504-18	BH25-12 0'	Total/NA	Solid	5030C	
885-32504-19	BH25-12 1'	Total/NA	Solid	5030C	
885-32504-20	BH25-12 2'	Total/NA	Solid	5030C	
885-32504-21	BH25-13 0'	Total/NA	Solid	5030C	
885-32504-22	BH25-13 1'	Total/NA	Solid	5030C	
885-32504-23	BH25-13 2'	Total/NA	Solid	5030C	
885-32504-24	BH25-13 3'	Total/NA	Solid	5030C	
885-32504-25	BH25-13 4'	Total/NA	Solid	5030C	
885-32504-26	BH25-14 0'	Total/NA	Solid	5030C	
885-32504-27	BH25-14 1'	Total/NA	Solid	5030C	
885-32504-28	BH25-14 2'	Total/NA	Solid	5030C	
885-32504-29	BH25-15 0'	Total/NA	Solid	5030C	
885-32504-30	BH25-15 1'	Total/NA	Solid	5030C	
MB 885-33960/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-33960/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-33960/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-32504-11 MS	BH25-09 2'	Total/NA	Solid	5030C	
885-32504-11 MSD	BH25-09 2'	Total/NA	Solid	5030C	
885-32504-12 MS	BH25-10 0'	Total/NA	Solid	5030C	
885-32504-12 MSD	BH25-10 0'	Total/NA	Solid	5030C	

Prep Batch: 33977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-31	BH25-15 2'	Total/NA	Solid	5030C	
885-32504-32	BH25-16 0'	Total/NA	Solid	5030C	
885-32504-33	BH25-16 1'	Total/NA	Solid	5030C	
885-32504-34	BH25-16 2'	Total/NA	Solid	5030C	
885-32504-35	BH25-17 0'	Total/NA	Solid	5030C	
885-32504-36	BH25-17 1'	Total/NA	Solid	5030C	

QC Association Summary

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Prep Batch: 33977 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-37	BH25-17 2'	Total/NA	Solid	5030C	
885-32504-38	BH25-18 0'	Total/NA	Solid	5030C	
885-32504-39	BH25-18 1'	Total/NA	Solid	5030C	
885-32504-40	BH25-18 2'	Total/NA	Solid	5030C	
885-32504-41	BH25-19 0'	Total/NA	Solid	5030C	
885-32504-42	BH25-19 1'	Total/NA	Solid	5030C	
885-32504-43	BH25-19 2'	Total/NA	Solid	5030C	
885-32504-44	BH25-09 3'	Total/NA	Solid	5030C	
MB 885-33977/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-33977/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-33977/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-32504-31 MS	BH25-15 2'	Total/NA	Solid	5030C	
885-32504-31 MSD	BH25-15 2'	Total/NA	Solid	5030C	
885-32504-32 MS	BH25-16 0'	Total/NA	Solid	5030C	
885-32504-32 MSD	BH25-16 0'	Total/NA	Solid	5030C	

Analysis Batch: 34028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-1	BH25-07 0'	Total/NA	Solid	8021B	33903
885-32504-2	BH25-07 1'	Total/NA	Solid	8021B	33903
885-32504-3	BH25-07 2'	Total/NA	Solid	8021B	33903
885-32504-4	BH25-08 0'	Total/NA	Solid	8021B	33903
885-32504-5	BH25-08 1'	Total/NA	Solid	8021B	33903
885-32504-6	BH25-08 2'	Total/NA	Solid	8021B	33903
885-32504-7	BH25-08 3'	Total/NA	Solid	8021B	33903
885-32504-8	BH25-08 4'	Total/NA	Solid	8021B	33903
885-32504-9	BH25-09 0'	Total/NA	Solid	8021B	33903
885-32504-10	BH25-09 1'	Total/NA	Solid	8021B	33903
MB 885-33903/1-A	Method Blank	Total/NA	Solid	8021B	33903
LCS 885-33903/3-A	Lab Control Sample	Total/NA	Solid	8021B	33903

Analysis Batch: 34029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-1	BH25-07 0'	Total/NA	Solid	8015M/D	33903
885-32504-2	BH25-07 1'	Total/NA	Solid	8015M/D	33903
885-32504-3	BH25-07 2'	Total/NA	Solid	8015M/D	33903
885-32504-4	BH25-08 0'	Total/NA	Solid	8015M/D	33903
885-32504-5	BH25-08 1'	Total/NA	Solid	8015M/D	33903
885-32504-6	BH25-08 2'	Total/NA	Solid	8015M/D	33903
885-32504-7	BH25-08 3'	Total/NA	Solid	8015M/D	33903
885-32504-8	BH25-08 4'	Total/NA	Solid	8015M/D	33903
885-32504-9	BH25-09 0'	Total/NA	Solid	8015M/D	33903
885-32504-10	BH25-09 1'	Total/NA	Solid	8015M/D	33903
MB 885-33903/1-A	Method Blank	Total/NA	Solid	8015M/D	33903

Analysis Batch: 34291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-11	BH25-09 2'	Total/NA	Solid	8015M/D	33960
885-32504-12	BH25-10 0'	Total/NA	Solid	8015M/D	33960
885-32504-13	BH25-10 1'	Total/NA	Solid	8015M/D	33960
885-32504-14	BH25-10 2'	Total/NA	Solid	8015M/D	33960

QC Association Summary

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Analysis Batch: 34291 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-15	BH25-11 0'	Total/NA	Solid	8015M/D	33960
885-32504-16	BH25-11 1'	Total/NA	Solid	8015M/D	33960
885-32504-17	BH25-11 2'	Total/NA	Solid	8015M/D	33960
885-32504-18	BH25-12 0'	Total/NA	Solid	8015M/D	33960
885-32504-19	BH25-12 1'	Total/NA	Solid	8015M/D	33960
885-32504-20	BH25-12 2'	Total/NA	Solid	8015M/D	33960
MB 885-33960/1-A	Method Blank	Total/NA	Solid	8015M/D	33960
LCS 885-33960/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	33960
885-32504-11 MS	BH25-09 2'	Total/NA	Solid	8015M/D	33960
885-32504-11 MSD	BH25-09 2'	Total/NA	Solid	8015M/D	33960

Analysis Batch: 34292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-11	BH25-09 2'	Total/NA	Solid	8021B	33960
885-32504-12	BH25-10 0'	Total/NA	Solid	8021B	33960
885-32504-13	BH25-10 1'	Total/NA	Solid	8021B	33960
885-32504-14	BH25-10 2'	Total/NA	Solid	8021B	33960
885-32504-15	BH25-11 0'	Total/NA	Solid	8021B	33960
885-32504-16	BH25-11 1'	Total/NA	Solid	8021B	33960
885-32504-17	BH25-11 2'	Total/NA	Solid	8021B	33960
885-32504-18	BH25-12 0'	Total/NA	Solid	8021B	33960
885-32504-19	BH25-12 1'	Total/NA	Solid	8021B	33960
885-32504-20	BH25-12 2'	Total/NA	Solid	8021B	33960
MB 885-33960/1-A	Method Blank	Total/NA	Solid	8021B	33960
LCS 885-33960/3-A	Lab Control Sample	Total/NA	Solid	8021B	33960
885-32504-12 MS	BH25-10 0'	Total/NA	Solid	8021B	33960
885-32504-12 MSD	BH25-10 0'	Total/NA	Solid	8021B	33960

Analysis Batch: 34387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-31	BH25-15 2'	Total/NA	Solid	8021B	33977
885-32504-32	BH25-16 0'	Total/NA	Solid	8021B	33977
885-32504-33	BH25-16 1'	Total/NA	Solid	8021B	33977
885-32504-34	BH25-16 2'	Total/NA	Solid	8021B	33977
885-32504-35	BH25-17 0'	Total/NA	Solid	8021B	33977
885-32504-36	BH25-17 1'	Total/NA	Solid	8021B	33977
885-32504-37	BH25-17 2'	Total/NA	Solid	8021B	33977
885-32504-38	BH25-18 0'	Total/NA	Solid	8021B	33977
885-32504-39	BH25-18 1'	Total/NA	Solid	8021B	33977
885-32504-40	BH25-18 2'	Total/NA	Solid	8021B	33977
885-32504-41	BH25-19 0'	Total/NA	Solid	8021B	33977
885-32504-42	BH25-19 1'	Total/NA	Solid	8021B	33977
885-32504-43	BH25-19 2'	Total/NA	Solid	8021B	33977
885-32504-44	BH25-09 3'	Total/NA	Solid	8021B	33977
MB 885-33977/1-A	Method Blank	Total/NA	Solid	8021B	33977
LCS 885-33977/3-A	Lab Control Sample	Total/NA	Solid	8021B	33977
885-32504-32 MS	BH25-16 0'	Total/NA	Solid	8021B	33977
885-32504-32 MSD	BH25-16 0'	Total/NA	Solid	8021B	33977

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

GC VOA

Analysis Batch: 34388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-31	BH25-15 2'	Total/NA	Solid	8015M/D	33977
885-32504-32	BH25-16 0'	Total/NA	Solid	8015M/D	33977
885-32504-33	BH25-16 1'	Total/NA	Solid	8015M/D	33977
885-32504-34	BH25-16 2'	Total/NA	Solid	8015M/D	33977
885-32504-35	BH25-17 0'	Total/NA	Solid	8015M/D	33977
885-32504-36	BH25-17 1'	Total/NA	Solid	8015M/D	33977
885-32504-37	BH25-17 2'	Total/NA	Solid	8015M/D	33977
885-32504-38	BH25-18 0'	Total/NA	Solid	8015M/D	33977
885-32504-39	BH25-18 1'	Total/NA	Solid	8015M/D	33977
885-32504-40	BH25-18 2'	Total/NA	Solid	8015M/D	33977
885-32504-41	BH25-19 0'	Total/NA	Solid	8015M/D	33977
885-32504-42	BH25-19 1'	Total/NA	Solid	8015M/D	33977
885-32504-43	BH25-19 2'	Total/NA	Solid	8015M/D	33977
885-32504-44	BH25-09 3'	Total/NA	Solid	8015M/D	33977
MB 885-33977/1-A	Method Blank	Total/NA	Solid	8015M/D	33977
LCS 885-33977/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	33977
885-32504-31 MS	BH25-15 2'	Total/NA	Solid	8015M/D	33977
885-32504-31 MSD	BH25-15 2'	Total/NA	Solid	8015M/D	33977

Analysis Batch: 34397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-21	BH25-13 0'	Total/NA	Solid	8021B	33960
885-32504-22	BH25-13 1'	Total/NA	Solid	8021B	33960
885-32504-23	BH25-13 2'	Total/NA	Solid	8021B	33960
885-32504-24	BH25-13 3'	Total/NA	Solid	8021B	33960
885-32504-25	BH25-13 4'	Total/NA	Solid	8021B	33960
885-32504-26	BH25-14 0'	Total/NA	Solid	8021B	33960
885-32504-27	BH25-14 1'	Total/NA	Solid	8021B	33960
885-32504-28	BH25-14 2'	Total/NA	Solid	8021B	33960
885-32504-29	BH25-15 0'	Total/NA	Solid	8021B	33960
885-32504-30	BH25-15 1'	Total/NA	Solid	8021B	33960

Analysis Batch: 34398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-21	BH25-13 0'	Total/NA	Solid	8015M/D	33960
885-32504-22	BH25-13 1'	Total/NA	Solid	8015M/D	33960
885-32504-23	BH25-13 2'	Total/NA	Solid	8015M/D	33960
885-32504-24	BH25-13 3'	Total/NA	Solid	8015M/D	33960
885-32504-25	BH25-13 4'	Total/NA	Solid	8015M/D	33960
885-32504-26	BH25-14 0'	Total/NA	Solid	8015M/D	33960
885-32504-27	BH25-14 1'	Total/NA	Solid	8015M/D	33960
885-32504-28	BH25-14 2'	Total/NA	Solid	8015M/D	33960
885-32504-29	BH25-15 0'	Total/NA	Solid	8015M/D	33960
885-32504-30	BH25-15 1'	Total/NA	Solid	8015M/D	33960

GC Semi VOA

Analysis Batch: 34058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-2	BH25-07 1'	Total/NA	Solid	8015M/D	34133
885-32504-3	BH25-07 2'	Total/NA	Solid	8015M/D	34133

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

GC Semi VOA (Continued)

Analysis Batch: 34058 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-4	BH25-08 0'	Total/NA	Solid	8015M/D	34133
885-32504-5	BH25-08 1'	Total/NA	Solid	8015M/D	34133
885-32504-6	BH25-08 2'	Total/NA	Solid	8015M/D	34133
885-32504-7	BH25-08 3'	Total/NA	Solid	8015M/D	34133
885-32504-8	BH25-08 4'	Total/NA	Solid	8015M/D	34133
885-32504-9	BH25-09 0'	Total/NA	Solid	8015M/D	34133
885-32504-11	BH25-09 2'	Total/NA	Solid	8015M/D	34133
885-32504-12	BH25-10 0'	Total/NA	Solid	8015M/D	34133
885-32504-13	BH25-10 1'	Total/NA	Solid	8015M/D	34160
885-32504-14	BH25-10 2'	Total/NA	Solid	8015M/D	34160
885-32504-15	BH25-11 0'	Total/NA	Solid	8015M/D	34160
885-32504-16	BH25-11 1'	Total/NA	Solid	8015M/D	34160
885-32504-17	BH25-11 2'	Total/NA	Solid	8015M/D	34160
885-32504-18	BH25-12 0'	Total/NA	Solid	8015M/D	34160
885-32504-19	BH25-12 1'	Total/NA	Solid	8015M/D	34160
885-32504-20	BH25-12 2'	Total/NA	Solid	8015M/D	34160
885-32504-21	BH25-13 0'	Total/NA	Solid	8015M/D	34160
885-32504-22	BH25-13 1'	Total/NA	Solid	8015M/D	34160
885-32504-23	BH25-13 2'	Total/NA	Solid	8015M/D	34160
885-32504-24	BH25-13 3'	Total/NA	Solid	8015M/D	34160
885-32504-25	BH25-13 4'	Total/NA	Solid	8015M/D	34160
885-32504-26	BH25-14 0'	Total/NA	Solid	8015M/D	34160
885-32504-27	BH25-14 1'	Total/NA	Solid	8015M/D	34160
885-32504-28	BH25-14 2'	Total/NA	Solid	8015M/D	34160
885-32504-29	BH25-15 0'	Total/NA	Solid	8015M/D	34160
885-32504-30	BH25-15 1'	Total/NA	Solid	8015M/D	34160
MB 885-34133/1-A	Method Blank	Total/NA	Solid	8015M/D	34133
MB 885-34160/1-A	Method Blank	Total/NA	Solid	8015M/D	34160
LCS 885-34133/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34133
LCS 885-34160/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34160
885-32504-12 MS	BH25-10 0'	Total/NA	Solid	8015M/D	34133
885-32504-12 MSD	BH25-10 0'	Total/NA	Solid	8015M/D	34133
885-32504-13 MS	BH25-10 1'	Total/NA	Solid	8015M/D	34160
885-32504-13 MSD	BH25-10 1'	Total/NA	Solid	8015M/D	34160

Prep Batch: 34133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-1	BH25-07 0'	Total/NA	Solid	SHAKE	
885-32504-2	BH25-07 1'	Total/NA	Solid	SHAKE	
885-32504-3	BH25-07 2'	Total/NA	Solid	SHAKE	
885-32504-4	BH25-08 0'	Total/NA	Solid	SHAKE	
885-32504-5	BH25-08 1'	Total/NA	Solid	SHAKE	
885-32504-6	BH25-08 2'	Total/NA	Solid	SHAKE	
885-32504-7	BH25-08 3'	Total/NA	Solid	SHAKE	
885-32504-8	BH25-08 4'	Total/NA	Solid	SHAKE	
885-32504-9	BH25-09 0'	Total/NA	Solid	SHAKE	
885-32504-10	BH25-09 1'	Total/NA	Solid	SHAKE	
885-32504-11	BH25-09 2'	Total/NA	Solid	SHAKE	
885-32504-12	BH25-10 0'	Total/NA	Solid	SHAKE	
MB 885-34133/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34133/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

GC Semi VOA (Continued)

Prep Batch: 34133 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-12 MS	BH25-10 0'	Total/NA	Solid	SHAKE	
885-32504-12 MSD	BH25-10 0'	Total/NA	Solid	SHAKE	

Prep Batch: 34160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-13	BH25-10 1'	Total/NA	Solid	SHAKE	
885-32504-14	BH25-10 2'	Total/NA	Solid	SHAKE	
885-32504-15	BH25-11 0'	Total/NA	Solid	SHAKE	
885-32504-16	BH25-11 1'	Total/NA	Solid	SHAKE	
885-32504-17	BH25-11 2'	Total/NA	Solid	SHAKE	
885-32504-18	BH25-12 0'	Total/NA	Solid	SHAKE	
885-32504-19	BH25-12 1'	Total/NA	Solid	SHAKE	
885-32504-20	BH25-12 2'	Total/NA	Solid	SHAKE	
885-32504-21	BH25-13 0'	Total/NA	Solid	SHAKE	
885-32504-22	BH25-13 1'	Total/NA	Solid	SHAKE	
885-32504-23	BH25-13 2'	Total/NA	Solid	SHAKE	
885-32504-24	BH25-13 3'	Total/NA	Solid	SHAKE	
885-32504-25	BH25-13 4'	Total/NA	Solid	SHAKE	
885-32504-26	BH25-14 0'	Total/NA	Solid	SHAKE	
885-32504-27	BH25-14 1'	Total/NA	Solid	SHAKE	
885-32504-28	BH25-14 2'	Total/NA	Solid	SHAKE	
885-32504-29	BH25-15 0'	Total/NA	Solid	SHAKE	
885-32504-30	BH25-15 1'	Total/NA	Solid	SHAKE	
MB 885-34160/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34160/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-32504-13 MS	BH25-10 1'	Total/NA	Solid	SHAKE	
885-32504-13 MSD	BH25-10 1'	Total/NA	Solid	SHAKE	

Prep Batch: 34191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-31	BH25-15 2'	Total/NA	Solid	SHAKE	
885-32504-32	BH25-16 0'	Total/NA	Solid	SHAKE	
885-32504-33	BH25-16 1'	Total/NA	Solid	SHAKE	
885-32504-34	BH25-16 2'	Total/NA	Solid	SHAKE	
885-32504-35	BH25-17 0'	Total/NA	Solid	SHAKE	
885-32504-36	BH25-17 1'	Total/NA	Solid	SHAKE	
885-32504-37	BH25-17 2'	Total/NA	Solid	SHAKE	
885-32504-38	BH25-18 0'	Total/NA	Solid	SHAKE	
885-32504-39	BH25-18 1'	Total/NA	Solid	SHAKE	
885-32504-40	BH25-18 2'	Total/NA	Solid	SHAKE	
885-32504-41	BH25-19 0'	Total/NA	Solid	SHAKE	
885-32504-42	BH25-19 1'	Total/NA	Solid	SHAKE	
885-32504-43	BH25-19 2'	Total/NA	Solid	SHAKE	
885-32504-44	BH25-09 3'	Total/NA	Solid	SHAKE	
MB 885-34191/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34191/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-32504-31 MS	BH25-15 2'	Total/NA	Solid	SHAKE	
885-32504-31 MSD	BH25-15 2'	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

GC Semi VOA

Analysis Batch: 34226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-1	BH25-07 0'	Total/NA	Solid	8015M/D	34133
885-32504-10	BH25-09 1'	Total/NA	Solid	8015M/D	34133
885-32504-31	BH25-15 2'	Total/NA	Solid	8015M/D	34191
885-32504-32	BH25-16 0'	Total/NA	Solid	8015M/D	34191
885-32504-33	BH25-16 1'	Total/NA	Solid	8015M/D	34191
885-32504-34	BH25-16 2'	Total/NA	Solid	8015M/D	34191
885-32504-35	BH25-17 0'	Total/NA	Solid	8015M/D	34191
885-32504-36	BH25-17 1'	Total/NA	Solid	8015M/D	34191
885-32504-37	BH25-17 2'	Total/NA	Solid	8015M/D	34191
885-32504-38	BH25-18 0'	Total/NA	Solid	8015M/D	34191
885-32504-39	BH25-18 1'	Total/NA	Solid	8015M/D	34191
885-32504-40	BH25-18 2'	Total/NA	Solid	8015M/D	34191
885-32504-41	BH25-19 0'	Total/NA	Solid	8015M/D	34191
885-32504-42	BH25-19 1'	Total/NA	Solid	8015M/D	34191
885-32504-43	BH25-19 2'	Total/NA	Solid	8015M/D	34191
885-32504-44	BH25-09 3'	Total/NA	Solid	8015M/D	34191
MB 885-34191/1-A	Method Blank	Total/NA	Solid	8015M/D	34191
LCS 885-34191/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34191
885-32504-31 MS	BH25-15 2'	Total/NA	Solid	8015M/D	34191
885-32504-31 MSD	BH25-15 2'	Total/NA	Solid	8015M/D	34191

HPLC/IC

Prep Batch: 33901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-33901/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 33936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-1	BH25-07 0'	Total/NA	Solid	300.0	33940
885-32504-2	BH25-07 1'	Total/NA	Solid	300.0	33940
885-32504-3	BH25-07 2'	Total/NA	Solid	300.0	33940
885-32504-4	BH25-08 0'	Total/NA	Solid	300.0	33940
885-32504-5	BH25-08 1'	Total/NA	Solid	300.0	33940
885-32504-6	BH25-08 2'	Total/NA	Solid	300.0	33940
885-32504-7	BH25-08 3'	Total/NA	Solid	300.0	33940
885-32504-8	BH25-08 4'	Total/NA	Solid	300.0	33940
885-32504-9	BH25-09 0'	Total/NA	Solid	300.0	33940
885-32504-10	BH25-09 1'	Total/NA	Solid	300.0	33940
885-32504-11	BH25-09 2'	Total/NA	Solid	300.0	33976
885-32504-12	BH25-10 0'	Total/NA	Solid	300.0	33976
885-32504-13	BH25-10 1'	Total/NA	Solid	300.0	33976
885-32504-14	BH25-10 2'	Total/NA	Solid	300.0	33976
885-32504-15	BH25-11 0'	Total/NA	Solid	300.0	33976
885-32504-16	BH25-11 1'	Total/NA	Solid	300.0	33976
885-32504-17	BH25-11 2'	Total/NA	Solid	300.0	33976
885-32504-18	BH25-12 0'	Total/NA	Solid	300.0	33976
885-32504-19	BH25-12 1'	Total/NA	Solid	300.0	33976
885-32504-20	BH25-12 2'	Total/NA	Solid	300.0	33976
885-32504-21	BH25-13 0'	Total/NA	Solid	300.0	33976
885-32504-22	BH25-13 1'	Total/NA	Solid	300.0	33976

QC Association Summary

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

HPLC/IC (Continued)

Analysis Batch: 33936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-23	BH25-13 2'	Total/NA	Solid	300.0	33976
885-32504-24	BH25-13 3'	Total/NA	Solid	300.0	33976
885-32504-25	BH25-13 4'	Total/NA	Solid	300.0	33976
885-32504-26	BH25-14 0'	Total/NA	Solid	300.0	33976
885-32504-27	BH25-14 1'	Total/NA	Solid	300.0	33976
MB 885-33940/1-A	Method Blank	Total/NA	Solid	300.0	33940
MB 885-33976/1-A	Method Blank	Total/NA	Solid	300.0	33976
LCS 885-33940/2-A	Lab Control Sample	Total/NA	Solid	300.0	33940
LCS 885-33976/2-A	Lab Control Sample	Total/NA	Solid	300.0	33976
MRL 885-33901/3-A	Lab Control Sample	Total/NA	Solid	300.0	33901
885-32504-12 MS	BH25-10 0'	Total/NA	Solid	300.0	33976
885-32504-12 MSD	BH25-10 0'	Total/NA	Solid	300.0	33976

Prep Batch: 33940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-1	BH25-07 0'	Total/NA	Solid	300_Prep	
885-32504-2	BH25-07 1'	Total/NA	Solid	300_Prep	
885-32504-3	BH25-07 2'	Total/NA	Solid	300_Prep	
885-32504-4	BH25-08 0'	Total/NA	Solid	300_Prep	
885-32504-5	BH25-08 1'	Total/NA	Solid	300_Prep	
885-32504-6	BH25-08 2'	Total/NA	Solid	300_Prep	
885-32504-7	BH25-08 3'	Total/NA	Solid	300_Prep	
885-32504-8	BH25-08 4'	Total/NA	Solid	300_Prep	
885-32504-9	BH25-09 0'	Total/NA	Solid	300_Prep	
885-32504-10	BH25-09 1'	Total/NA	Solid	300_Prep	
MB 885-33940/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-33940/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 33976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-11	BH25-09 2'	Total/NA	Solid	300_Prep	
885-32504-12	BH25-10 0'	Total/NA	Solid	300_Prep	
885-32504-13	BH25-10 1'	Total/NA	Solid	300_Prep	
885-32504-14	BH25-10 2'	Total/NA	Solid	300_Prep	
885-32504-15	BH25-11 0'	Total/NA	Solid	300_Prep	
885-32504-16	BH25-11 1'	Total/NA	Solid	300_Prep	
885-32504-17	BH25-11 2'	Total/NA	Solid	300_Prep	
885-32504-18	BH25-12 0'	Total/NA	Solid	300_Prep	
885-32504-19	BH25-12 1'	Total/NA	Solid	300_Prep	
885-32504-20	BH25-12 2'	Total/NA	Solid	300_Prep	
885-32504-21	BH25-13 0'	Total/NA	Solid	300_Prep	
885-32504-22	BH25-13 1'	Total/NA	Solid	300_Prep	
885-32504-23	BH25-13 2'	Total/NA	Solid	300_Prep	
885-32504-24	BH25-13 3'	Total/NA	Solid	300_Prep	
885-32504-25	BH25-13 4'	Total/NA	Solid	300_Prep	
885-32504-26	BH25-14 0'	Total/NA	Solid	300_Prep	
885-32504-27	BH25-14 1'	Total/NA	Solid	300_Prep	
MB 885-33976/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-33976/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-32504-12 MS	BH25-10 0'	Total/NA	Solid	300_Prep	
885-32504-12 MSD	BH25-10 0'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

HPLC/IC

Prep Batch: 34141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-28	BH25-14 2'	Total/NA	Solid	300_Prep	
885-32504-29	BH25-15 0'	Total/NA	Solid	300_Prep	
885-32504-30	BH25-15 1'	Total/NA	Solid	300_Prep	
885-32504-31	BH25-15 2'	Total/NA	Solid	300_Prep	
885-32504-32	BH25-16 0'	Total/NA	Solid	300_Prep	
885-32504-33	BH25-16 1'	Total/NA	Solid	300_Prep	
885-32504-34	BH25-16 2'	Total/NA	Solid	300_Prep	
885-32504-35	BH25-17 0'	Total/NA	Solid	300_Prep	
885-32504-36	BH25-17 1'	Total/NA	Solid	300_Prep	
885-32504-37	BH25-17 2'	Total/NA	Solid	300_Prep	
885-32504-38	BH25-18 0'	Total/NA	Solid	300_Prep	
885-32504-39	BH25-18 1'	Total/NA	Solid	300_Prep	
885-32504-40	BH25-18 2'	Total/NA	Solid	300_Prep	
885-32504-41	BH25-19 0'	Total/NA	Solid	300_Prep	
885-32504-42	BH25-19 1'	Total/NA	Solid	300_Prep	
885-32504-43	BH25-19 2'	Total/NA	Solid	300_Prep	
885-32504-44	BH25-09 3'	Total/NA	Solid	300_Prep	
MB 885-34141/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-34141/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-32504-28 MS	BH25-14 2'	Total/NA	Solid	300_Prep	
885-32504-29 MS	BH25-15 0'	Total/NA	Solid	300_Prep	
885-32504-29 MSD	BH25-15 0'	Total/NA	Solid	300_Prep	

Analysis Batch: 34176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32504-28	BH25-14 2'	Total/NA	Solid	300.0	34141
885-32504-29	BH25-15 0'	Total/NA	Solid	300.0	34141
885-32504-30	BH25-15 1'	Total/NA	Solid	300.0	34141
885-32504-31	BH25-15 2'	Total/NA	Solid	300.0	34141
885-32504-32	BH25-16 0'	Total/NA	Solid	300.0	34141
885-32504-33	BH25-16 1'	Total/NA	Solid	300.0	34141
885-32504-34	BH25-16 2'	Total/NA	Solid	300.0	34141
885-32504-35	BH25-17 0'	Total/NA	Solid	300.0	34141
885-32504-36	BH25-17 1'	Total/NA	Solid	300.0	34141
885-32504-37	BH25-17 2'	Total/NA	Solid	300.0	34141
885-32504-38	BH25-18 0'	Total/NA	Solid	300.0	34141
885-32504-39	BH25-18 1'	Total/NA	Solid	300.0	34141
885-32504-40	BH25-18 2'	Total/NA	Solid	300.0	34141
885-32504-41	BH25-19 0'	Total/NA	Solid	300.0	34141
885-32504-42	BH25-19 1'	Total/NA	Solid	300.0	34141
885-32504-43	BH25-19 2'	Total/NA	Solid	300.0	34141
885-32504-44	BH25-09 3'	Total/NA	Solid	300.0	34141
MB 885-34141/1-A	Method Blank	Total/NA	Solid	300.0	34141
LCS 885-34141/2-A	Lab Control Sample	Total/NA	Solid	300.0	34141
885-32504-28 MS	BH25-14 2'	Total/NA	Solid	300.0	34141
885-32504-29 MS	BH25-15 0'	Total/NA	Solid	300.0	34141
885-32504-29 MSD	BH25-15 0'	Total/NA	Solid	300.0	34141

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-07 0'
Lab Sample ID: 885-32504-1
Date Collected: 08/28/25 09:30
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 08:31
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 08:31
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 11:31
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 18:16

Client Sample ID: BH25-07 1'
Lab Sample ID: 885-32504-2
Date Collected: 08/28/25 09:35
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 08:53
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 08:53
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 16:59
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 18:27

Client Sample ID: BH25-07 2'
Lab Sample ID: 885-32504-3
Date Collected: 08/28/25 09:40
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 09:15
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 09:15
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 17:11
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 18:38

Client Sample ID: BH25-08 0'
Lab Sample ID: 885-32504-4
Date Collected: 08/28/25 09:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 09:37

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-08 0'
Lab Sample ID: 885-32504-4
Date Collected: 08/28/25 09:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 09:37
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		10	34058	EM	EET ALB	09/08/25 17:23
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 19:10

Client Sample ID: BH25-08 1'
Lab Sample ID: 885-32504-5
Date Collected: 08/28/25 09:55
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 09:59
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 09:59
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 18:01
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 19:21

Client Sample ID: BH25-08 2'
Lab Sample ID: 885-32504-6
Date Collected: 08/28/25 10:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 10:20
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 10:20
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 18:14
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 19:32

Client Sample ID: BH25-08 3'
Lab Sample ID: 885-32504-7
Date Collected: 08/28/25 10:05
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 10:42
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 10:42

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-08 3'
Lab Sample ID: 885-32504-7
Date Collected: 08/28/25 10:05
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 18:26
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 19:43

Client Sample ID: BH25-08 4'
Lab Sample ID: 885-32504-8
Date Collected: 08/28/25 10:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 11:04
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 11:04
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 18:39
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 19:53

Client Sample ID: BH25-09 0'
Lab Sample ID: 885-32504-9
Date Collected: 08/28/25 10:20
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 11:26
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 11:26
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		10	34058	EM	EET ALB	09/08/25 18:51
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 20:04

Client Sample ID: BH25-09 1'
Lab Sample ID: 885-32504-10
Date Collected: 08/28/25 10:25
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 11:48
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 11:48
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 12:08

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-09 1'
Lab Sample ID: 885-32504-10
Date Collected: 08/28/25 10:25
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 20:15

Client Sample ID: BH25-09 2'
Lab Sample ID: 885-32504-11
Date Collected: 08/28/25 10:30
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 05:07
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 05:07
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 19:54
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 20:48

Client Sample ID: BH25-10 0'
Lab Sample ID: 885-32504-12
Date Collected: 08/28/25 10:40
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 06:18
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 06:18
Total/NA	Prep	SHAKE			34133	EM	EET ALB	09/08/25 10:58
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 20:06
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 21:42

Client Sample ID: BH25-10 1'
Lab Sample ID: 885-32504-13
Date Collected: 08/28/25 10:45
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 07:28
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 07:28
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 21:20
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 22:14

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-10 2'
Lab Sample ID: 885-32504-14
Date Collected: 08/28/25 10:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 07:52
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 07:52
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 21:57
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 22:25

Client Sample ID: BH25-11 0'
Lab Sample ID: 885-32504-15
Date Collected: 08/28/25 11:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 08:15
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 08:15
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 22:10
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 22:36

Client Sample ID: BH25-11 1'
Lab Sample ID: 885-32504-16
Date Collected: 08/28/25 11:05
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 08:39
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 08:39
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 22:22
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 22:47

Client Sample ID: BH25-11 2'
Lab Sample ID: 885-32504-17
Date Collected: 08/28/25 11:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 09:02

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-11 2'
Lab Sample ID: 885-32504-17
Date Collected: 08/28/25 11:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 09:02
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 22:35
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 22:58

Client Sample ID: BH25-12 0'
Lab Sample ID: 885-32504-18
Date Collected: 08/28/25 11:20
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 09:26
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 09:26
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 22:47
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 23:30

Client Sample ID: BH25-12 1'
Lab Sample ID: 885-32504-19
Date Collected: 08/28/25 11:25
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 09:49
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 09:49
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 23:13
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 23:41

Client Sample ID: BH25-12 2'
Lab Sample ID: 885-32504-20
Date Collected: 08/28/25 11:30
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34291	KLS	EET ALB	09/10/25 10:13
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34292	KLS	EET ALB	09/10/25 10:13

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-12 2'
Lab Sample ID: 885-32504-20
Date Collected: 08/28/25 11:30
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 23:25
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 23:52

Client Sample ID: BH25-13 0'
Lab Sample ID: 885-32504-21
Date Collected: 08/28/25 11:40
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 15:28
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 15:28
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 23:37
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/06/25 00:03

Client Sample ID: BH25-13 1'
Lab Sample ID: 885-32504-22
Date Collected: 08/28/25 11:45
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 15:52
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 15:52
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/08/25 23:50
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/06/25 00:14

Client Sample ID: BH25-13 2'
Lab Sample ID: 885-32504-23
Date Collected: 08/28/25 11:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 16:16
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 10:19
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 16:16
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 00:02

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-13 2'
Lab Sample ID: 885-32504-23
Date Collected: 08/28/25 11:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/06/25 00:25

Client Sample ID: BH25-13 3'
Lab Sample ID: 885-32504-24
Date Collected: 08/28/25 11:55
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 16:39
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 16:39
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 00:15
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/06/25 00:35

Client Sample ID: BH25-13 4'
Lab Sample ID: 885-32504-25
Date Collected: 08/28/25 12:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 17:03
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 17:03
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 00:27
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/06/25 00:46

Client Sample ID: BH25-14 0'
Lab Sample ID: 885-32504-26
Date Collected: 08/28/25 12:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 17:27
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 17:27
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 00:40
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/06/25 00:57

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-14 1'
Lab Sample ID: 885-32504-27
Date Collected: 08/28/25 12:15
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 17:50
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 17:50
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 00:52
Total/NA	Prep	300_Prep			33976	RC	EET ALB	09/05/25 12:46
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/06/25 01:08

Client Sample ID: BH25-14 2'
Lab Sample ID: 885-32504-28
Date Collected: 08/28/25 12:20
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 18:14
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 18:14
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 01:05
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 13:51

Client Sample ID: BH25-15 0'
Lab Sample ID: 885-32504-29
Date Collected: 08/28/25 12:30
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 18:37
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 18:37
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 01:29
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 14:22

Client Sample ID: BH25-15 1'
Lab Sample ID: 885-32504-30
Date Collected: 08/28/25 12:35
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8015M/D		1	34398	AT	EET ALB	09/10/25 19:01

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-15 1'
Lab Sample ID: 885-32504-30
Date Collected: 08/28/25 12:35
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33960	CM	EET ALB	09/05/25 11:57
Total/NA	Analysis	8021B		1	34397	AT	EET ALB	09/10/25 19:01
Total/NA	Prep	SHAKE			34160	BZR	EET ALB	09/08/25 12:02
Total/NA	Analysis	8015M/D		1	34058	EM	EET ALB	09/09/25 01:42
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 14:53

Client Sample ID: BH25-15 2'
Lab Sample ID: 885-32504-31
Date Collected: 08/28/25 12:40
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 19:24
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 19:24
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 13:09
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 15:25

Client Sample ID: BH25-16 0'
Lab Sample ID: 885-32504-32
Date Collected: 08/28/25 12:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 19:45
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 19:45
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 13:46
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 15:35

Client Sample ID: BH25-16 1'
Lab Sample ID: 885-32504-33
Date Collected: 08/28/25 12:55
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 20:07
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 20:07

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-16 1'
Lab Sample ID: 885-32504-33
Date Collected: 08/28/25 12:55
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 13:58
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 15:45

Client Sample ID: BH25-16 2'
Lab Sample ID: 885-32504-34
Date Collected: 08/28/25 13:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 20:29
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 20:29
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 14:11
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 15:56

Client Sample ID: BH25-17 0'
Lab Sample ID: 885-32504-35
Date Collected: 08/28/25 13:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 20:51
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 20:51
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 14:23
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 16:06

Client Sample ID: BH25-17 1'
Lab Sample ID: 885-32504-36
Date Collected: 08/28/25 13:15
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 21:12
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 21:12
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 14:35

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-17 1'
Lab Sample ID: 885-32504-36
Date Collected: 08/28/25 13:15
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 16:16

Client Sample ID: BH25-17 2'
Lab Sample ID: 885-32504-37
Date Collected: 08/28/25 13:20
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 21:34
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 21:34
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 15:00
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 16:27

Client Sample ID: BH25-18 0'
Lab Sample ID: 885-32504-38
Date Collected: 08/28/25 13:35
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 21:56
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 21:56
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 15:13
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 16:37

Client Sample ID: BH25-18 1'
Lab Sample ID: 885-32504-39
Date Collected: 08/28/25 13:35
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 22:18
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 22:18
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 15:25
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 16:47

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-18 2'
Lab Sample ID: 885-32504-40
Date Collected: 08/28/25 13:40
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 22:39
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 22:39
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 15:38
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 16:58

Client Sample ID: BH25-19 0'
Lab Sample ID: 885-32504-41
Date Collected: 08/28/25 13:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 23:23
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 23:23
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		10	34226	EM	EET ALB	09/09/25 15:50
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 17:29

Client Sample ID: BH25-19 1'
Lab Sample ID: 885-32504-42
Date Collected: 08/28/25 13:55
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/10/25 23:45
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/10/25 23:45
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 16:03
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 17:39

Client Sample ID: BH25-19 2'
Lab Sample ID: 885-32504-43
Date Collected: 08/28/25 14:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 00:06

Lab Chronicle

Client: Vertex
Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-19 2'
Lab Sample ID: 885-32504-43
Date Collected: 08/28/25 14:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 00:06
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 16:15
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 17:49

Client Sample ID: BH25-09 3'
Lab Sample ID: 885-32504-44
Date Collected: 08/28/25 14:15
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 00:28
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 00:28
Total/NA	Prep	SHAKE			34191	BZR	EET ALB	09/08/25 14:41
Total/NA	Analysis	8015M/D		1	34226	EM	EET ALB	09/09/25 16:28
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 18:00

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-32504-1
Project/Site: North Pure Gold 9 Federal #001

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 5-day Rush

Project Name:

North Pure Gold 9 Federal #001

Project #:

25A-01165

Project Manager:

Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☑ Yes ☐ No chucky

# of Coolers: 1

Cooler Temp (including CF): 3.1 +0.2 = 3.3°

HALL ENVIRONMENTAL ANALYSIS LABOR

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 871(

Tel. 505-345-3975 Fax 505-345-4107

885-32504 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
08.28.25	9:30	Soil	BH25-07 0'	1, 4oz jar			X	X					X									
08.28.25	9:35	Soil	BH25-07 1'	1, 4oz jar			X	X					X									
08.28.25	9:40	Soil	BH25-07 2'	1, 4oz jar			X	X					X									
08.28.25	9:50	Soil	BH25-08 0'	1, 4oz jar			X	X					X									
08.28.25	9:55	Soil	BH25-08 1'	1, 4oz jar			X	X					X									
08.28.25	10:00	Soil	BH25-08 2'	1, 4oz jar			X	X					X									
08.28.25	10:05	Soil	BH25-08 3'	1, 4oz jar			X	X					X									
08.28.25	10:10	Soil	BH25-08 4'	1, 4oz jar			X	X					X									
08.28.25	10:20	Soil	BH25-09 0'	1, 4oz jar			X	X					X									
08.28.25	10:25	Soil	BH25-09 1'	1, 4oz jar			X	X					X									
08.28.25	10:30	Soil	BH25-09 2'	1, 4oz jar			X	X					X									
08.28.25	10:40	Soil	BH25-10 0'	1, 4oz jar			X	X					X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-2-25	0700	Lobo Pullman				
9/3/25	1900			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 5-day Rush

Project Name:

North Pure Gold 9 Federal #001

Project #:

25A-01165

Project Manager:

Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☒ Yes ☐ No chucks

# of Coolers: 1

Cooler Temp (including CF): 3.1+0.2= 3.3°c

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
08.28.25	10:45	Soil	BH25-10 1'	1, 4oz jar			X	X					X									
08.28.25	10:50	Soil	BH25-10 2'	1, 4oz jar			X	X					X									
08.28.25	11:00	Soil	BH25-11 0'	1, 4oz jar			X	X					X									
08.28.25	11:05	Soil	BH25-11 1'	1, 4oz jar			X	X					X									
08.28.25	11:10	Soil	BH25-11 2'	1, 4oz jar			X	X					X									
08.28.25	11:20	Soil	BH25-12 0'	1, 4oz jar			X	X					X									
08.28.25	11:25	Soil	BH25-12 1'	1, 4oz jar			X	X					X									
08.28.25	11:30	Soil	BH25-12 2'	1, 4oz jar			X	X					X									
08.28.25	11:40	Soil	BH25-13 0'	1, 4oz jar			X	X					X									
08.28.25	11:45	Soil	BH25-13 1'	1, 4oz jar			X	X					X									
08.28.25	11:50	Soil	BH25-13 2'	1, 4oz jar			X	X					X									
08.28.25	11:55	Soil	BH25-13 3'	1, 4oz jar			X	X					X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-2-25	07:00	Jab Pullman				
9/3/25	1910			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

2/4

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☐ Standard X 5-day Rush

Project Name: **North Pure Gold 9 Federal #001**

Project #: **25A-01165**

Project Manager: Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☑ Yes ☐ No chuck

# of Coolers: 1

Cooler Temp (including CF): 3.1 +0.2 = 3.3 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
08.28.25	12:00	Soil	BH25-13 4'	1, 4oz jar			X	X					X									
08.28.25	12:10	Soil	BH25-14 0'	1, 4oz jar			X	X					X									
08.28.25	12:15	Soil	BH25-14 1'	1, 4oz jar			X	X					X									
08.28.25	12:20	Soil	BH25-14 2'	1, 4oz jar			X	X					X									
08.28.25	12:30	Soil	BH25-15 0'	1, 4oz jar			X	X					X									
08.28.25	12:35	Soil	BH25-15 1'	1, 4oz jar			X	X					X									
08.28.25	12:40	Soil	BH25-15 2'	1, 4oz jar			X	X					X									
08.28.25	12:50	Soil	BH25-16 0'	1, 4oz jar			X	X					X									
08.28.25	12:55	Soil	BH25-16 1'	1, 4oz jar			X	X					X									
08.28.25	13:00	Soil	BH25-16 2'	1, 4oz jar			X	X					X									
08.28.25	13:10	Soil	BH25-17 0'	1, 4oz jar			X	X					X									
08.28.25	13:15	Soil	BH25-17 1'	1, 4oz jar			X	X					X									

Date	Time	Relinquished by	Received by	Via	Date	Time
9-2-25	0700			-	9/3/25	700
9/3/25	1900			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

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Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard X 6-day Rush

Project Name:
North Pure Gold 9 Federal #001

Project #:
25A-01165

Project Manager:
Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☒ Yes ☐ No chucks

# of Coolers: 1

Cooler Temp (including CF): 3.1 +0.2 = 3.3°c

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08.28.25	13:20	Soil	BH25-17 2'	1, 4oz jar			X	X					X			
08.28.25	13:35	Soil	BH25-18 0'	1, 4oz jar			X	X					X			
08.28.25	13:35	Soil	BH25-18 1'	1, 4oz jar			X	X					X			
08.28.25	13:40	Soil	BH25-18 2'	1, 4oz jar			X	X					X			
08.28.25	13:50	Soil	BH25-19 0'	1, 4oz jar			X	X					X			
08.28.25	13:55	Soil	BH25-19 1'	1, 4oz jar			X	X					X			
08.28.25	14:00	Soil	BH25-19 2'	1, 4oz jar			X	X					X			
08-28-25	14:15	Soil	BH25-09 3'	1, 4oz Jar			X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
9-2-25	07:00	Lak Pullman				
9/3/25	1900			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-32504-1

Login Number: 32504 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 9/12/2025 10:28:23 AM

JOB DESCRIPTION

North Pure Gold 9 Federal #001

JOB NUMBER

885-32508-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 5/4/2026 3:49:54 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
9/12/2025 10:28:23 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Laboratory Job ID: 885-32508-1

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Definitions/Glossary

Client: Vertex Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex Job ID: 885-32508-1
Project: North Pure Gold 9 Federal #001

Job ID: 885-32508-1 Eurofins Albuquerque

Job Narrative
885-32508-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/4/2025 8:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

Gasoline Range Organics
Method 8015D_GRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-34005 and analytical batch 885-34192 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: Surrogate recovery for the following sample is outside the upper control limit: (LCS 885-34284/2-A). Corresponding LCS surrogate shows high recovery, however samples associated with LCS have surrogate within range or high recovery with no hit, therefore data is reported.

Method 8015D_DRO: Surrogate recovery for the following sample was outside the upper control limit: BH25-20 1' (885-32508-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-20 0'
Lab Sample ID: 885-32508-1
Date Collected: 08/29/25 13:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/11/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/11/25 00:50*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 00:50	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 00:50	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 00:50	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/11/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 12:58*	*09/11/25 00:50*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/09/25 10:50	09/10/25 16:04	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/09/25 10:50	09/10/25 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*09/09/25 10:50*	*09/10/25 16:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		49		mg/Kg		09/08/25 11:27	09/08/25 18:10	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-20 1'
Lab Sample ID: 885-32508-2
Date Collected: 08/29/25 13:05
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/11/25 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/05/25 12:58*	*09/11/25 01:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 01:12	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 01:12	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 01:12	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/11/25 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/11/25 01:12*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/09/25 15:09	09/11/25 06:33	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/09/25 15:09	09/11/25 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*139*	*S1+*	*62 - 134*	*09/09/25 15:09*	*09/11/25 06:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 11:27	09/08/25 18:20	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-20 2'
Lab Sample ID: 885-32508-3
Date Collected: 08/29/25 13:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/11/25 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/11/25 01:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 01:34	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 01:34	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 01:34	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/11/25 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 12:58*	*09/11/25 01:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/09/25 16:00	09/11/25 23:08	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/11/25 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*09/09/25 16:00*	*09/11/25 23:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		09/08/25 11:27	09/08/25 18:31	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-21 0'
Lab Sample ID: 885-32508-4
Date Collected: 08/29/25 13:15
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/11/25 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/05/25 12:58*	*09/11/25 01:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 01:56	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 01:56	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/11/25 01:56	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 12:58	09/11/25 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/05/25 12:58*	*09/11/25 01:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/09/25 16:00	09/11/25 23:32	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/09/25 16:00	09/11/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*09/09/25 16:00*	*09/11/25 23:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 17:02	09/08/25 19:02	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-21 1'
Lab Sample ID: 885-32508-5
Date Collected: 08/29/25 13:20
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/11/25 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/05/25 12:58*	*09/11/25 02:17*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 02:17	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/11/25 02:17	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/11/25 02:17	1
Xylenes, Total	ND		0.098		mg/Kg		09/05/25 12:58	09/11/25 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 12:58*	*09/11/25 02:17*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/09/25 16:00	09/11/25 23:55	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/11/25 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*09/09/25 16:00*	*09/11/25 23:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		09/08/25 17:02	09/08/25 19:53	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-21 2'
Lab Sample ID: 885-32508-6
Date Collected: 08/29/25 13:25
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 12:58	09/11/25 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/05/25 12:58*	*09/11/25 02:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/11/25 02:39	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 12:58	09/11/25 02:39	1
Toluene	ND		0.049		mg/Kg		09/05/25 12:58	09/11/25 02:39	1
Xylenes, Total	ND		0.098		mg/Kg		09/05/25 12:58	09/11/25 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/05/25 12:58*	*09/11/25 02:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		09/09/25 16:00	09/12/25 00:19	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/12/25 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*09/09/25 16:00*	*09/12/25 00:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 17:02	09/08/25 20:24	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-22 0'
Lab Sample ID: 885-32508-7
Date Collected: 08/29/25 13:30
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	F1	4.9		mg/Kg		09/05/25 14:47	09/08/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/05/25 14:47*	*09/08/25 15:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/08/25 15:43	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 14:47	09/08/25 15:43	1
Toluene	ND		0.049		mg/Kg		09/05/25 14:47	09/08/25 15:43	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 14:47	09/08/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 14:47*	*09/08/25 15:43*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**18**		9.5		mg/Kg		09/09/25 16:00	09/12/25 00:43	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/12/25 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*09/09/25 16:00*	*09/12/25 00:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 17:02	09/08/25 20:35	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-22 1'
Lab Sample ID: 885-32508-8
Date Collected: 08/29/25 13:35
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/08/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 14:47*	*09/08/25 16:48*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/08/25 16:48	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 16:48	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 16:48	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 14:47	09/08/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/05/25 14:47*	*09/08/25 16:48*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**17**		9.3		mg/Kg		09/09/25 16:00	09/12/25 01:07	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/12/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*09/09/25 16:00*	*09/12/25 01:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79**		50		mg/Kg		09/08/25 17:02	09/08/25 20:45	10

Client Sample Results

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-22 2'
Lab Sample ID: 885-32508-9
Date Collected: 08/29/25 13:40
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/08/25 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 14:47*	*09/08/25 17:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/08/25 17:53	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 17:53	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 17:53	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 14:47	09/08/25 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 14:47*	*09/08/25 17:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		09/09/25 16:00	09/12/25 01:31	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/09/25 16:00	09/12/25 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*09/09/25 16:00*	*09/12/25 01:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/08/25 17:02	09/08/25 20:55	10

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-33977/1-A
Matrix: Solid
Analysis Batch: 34388

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33977

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 12:58	09/10/25 19:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 12:58*	*09/10/25 19:02*	*1*

Lab Sample ID: LCS 885-33977/2-A
Matrix: Solid
Analysis Batch: 34388

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33977

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	19.7		mg/Kg		79	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*196*		*15 - 150*

Lab Sample ID: MB 885-34005/1-A
Matrix: Solid
Analysis Batch: 34192

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34005

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/08/25 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/05/25 14:47*	*09/08/25 15:21*	*1*

Lab Sample ID: LCS 885-34005/2-A
Matrix: Solid
Analysis Batch: 34192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34005

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	20.3		mg/Kg		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*		*15 - 150*

Lab Sample ID: 885-32508-7 MS
Matrix: Solid
Analysis Batch: 34192

Client Sample ID: BH25-22 0'
Prep Type: Total/NA
Prep Batch: 34005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND	F1	24.7	16.6	F1	mg/Kg		67	70 - 130		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-32508-7 MS
Matrix: Solid
Analysis Batch: 34192

Client Sample ID: BH25-22 0'
Prep Type: Total/NA
Prep Batch: 34005

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*181*		*15 - 150*

Lab Sample ID: 885-32508-7 MSD
Matrix: Solid
Analysis Batch: 34192

Client Sample ID: BH25-22 0'
Prep Type: Total/NA
Prep Batch: 34005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND	F1	25.0	18.3		mg/Kg		74	70 - 130	10	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*189*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-33977/1-A
Matrix: Solid
Analysis Batch: 34387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33977

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 12:58	09/10/25 19:02	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 19:02	1
Toluene	ND		0.050		mg/Kg		09/05/25 12:58	09/10/25 19:02	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 12:58	09/10/25 19:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/05/25 12:58*	*09/10/25 19:02*	*1*

Lab Sample ID: LCS 885-33977/3-A
Matrix: Solid
Analysis Batch: 34387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33977

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.01		mg/Kg		101	70 - 130		
Ethylbenzene			1.00	0.987		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene			2.00	1.97		mg/Kg		98	70 - 130		
o-Xylene			1.00	0.981		mg/Kg		98	70 - 130		
Toluene			1.00	0.984		mg/Kg		98	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*

Lab Sample ID: MB 885-34005/1-A
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34005

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/08/25 15:21	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-34005/1-A
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34005

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 15:21	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 15:21	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 14:47	09/08/25 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/05/25 14:47*	*09/08/25 15:21*	*1*

Lab Sample ID: LCS 885-34005/3-A
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34005

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.961		mg/Kg		96	70 - 130		
Ethylbenzene			1.00	0.925		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene			2.00	1.87		mg/Kg		93	70 - 130		
o-Xylene			1.00	0.938		mg/Kg		94	70 - 130		
Toluene			1.00	0.937		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*

Lab Sample ID: 885-32508-8 MS
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: BH25-22 1'
Prep Type: Total/NA
Prep Batch: 34005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.999	0.923		mg/Kg		92	70 - 130		
Ethylbenzene	ND		0.999	0.916		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	ND		2.00	1.83		mg/Kg		92	70 - 130		
o-Xylene	ND		0.999	0.907		mg/Kg		91	70 - 130		
Toluene	ND		0.999	0.906		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*

Lab Sample ID: 885-32508-8 MSD
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: BH25-22 1'
Prep Type: Total/NA
Prep Batch: 34005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.996	0.916		mg/Kg		92	70 - 130	1	20
Ethylbenzene	ND		0.996	0.908		mg/Kg		91	70 - 130	1	20
m-Xylene & p-Xylene	ND		1.99	1.82		mg/Kg		91	70 - 130	0	20
o-Xylene	ND		0.996	0.892		mg/Kg		90	70 - 130	2	20
Toluene	ND		0.996	0.906		mg/Kg		91	70 - 130	0	20

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-32508-8 MSD
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: BH25-22 1'
Prep Type: Total/NA
Prep Batch: 34005

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-34248/1-A
Matrix: Solid
Analysis Batch: 34245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34248

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/09/25 10:50	09/09/25 15:43	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/09/25 10:50	09/09/25 15:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*09/09/25 10:50*	*09/09/25 15:43*	*1*

Lab Sample ID: LCS 885-34248/2-A
Matrix: Solid
Analysis Batch: 34245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34248

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	52.7		mg/Kg		105	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*

Lab Sample ID: MB 885-34284/1-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34284

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/09/25 15:08	09/10/25 21:51	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/09/25 15:08	09/10/25 21:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*09/09/25 15:08*	*09/10/25 21:51*	*1*

Lab Sample ID: LCS 885-34284/2-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34284

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	67.9		mg/Kg		136	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*136*	*S1+*	*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-32508-2 MS
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: BH25-20 1'
Prep Type: Total/NA
Prep Batch: 34284

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		47.4	51.9		mg/Kg		110	44 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*

Lab Sample ID: 885-32508-2 MSD
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: BH25-20 1'
Prep Type: Total/NA
Prep Batch: 34284

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.0	57.4		mg/Kg		117	44 - 136	10	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*119*		*62 - 134*

Lab Sample ID: MB 885-34295/1-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34295

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/09/25 15:59	09/11/25 22:20	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/09/25 15:59	09/11/25 22:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*09/09/25 15:59*	*09/11/25 22:20*	*1*

Lab Sample ID: LCS 885-34295/2-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34295

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	45.8		mg/Kg		92	51 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-34141/1-A
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34141

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/08/25 11:27	09/08/25 13:31	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-34141/2-A
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34141

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.2	48.3		mg/Kg		96	90 - 110		

Lab Sample ID: MB 885-34210/1-A
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34210

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/08/25 17:02	09/08/25 18:41	1

Lab Sample ID: LCS 885-34210/2-A
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34210

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.2	48.4		mg/Kg		97	90 - 110		

Lab Sample ID: 885-32508-4 MS
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: BH25-21 0'
Prep Type: Total/NA
Prep Batch: 34210

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		50.0	57.5		mg/Kg		115	50 - 150		

Lab Sample ID: 885-32508-4 MSD
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: BH25-21 0'
Prep Type: Total/NA
Prep Batch: 34210

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		49.7	56.6		mg/Kg		NC	50 - 150	2	20

Lab Sample ID: 885-32508-5 MS
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: BH25-21 1'
Prep Type: Total/NA
Prep Batch: 34210

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		50.3	58.8		mg/Kg		117	50 - 150		

Lab Sample ID: 885-32508-5 MSD
Matrix: Solid
Analysis Batch: 34176

Client Sample ID: BH25-21 1'
Prep Type: Total/NA
Prep Batch: 34210

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.0	58.0		mg/Kg		116	50 - 150	1	20

QC Association Summary

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA

Prep Batch: 33977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-1	BH25-20 0'	Total/NA	Solid	5030C	
885-32508-2	BH25-20 1'	Total/NA	Solid	5030C	
885-32508-3	BH25-20 2'	Total/NA	Solid	5030C	
885-32508-4	BH25-21 0'	Total/NA	Solid	5030C	
885-32508-5	BH25-21 1'	Total/NA	Solid	5030C	
885-32508-6	BH25-21 2'	Total/NA	Solid	5030C	
MB 885-33977/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-33977/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-33977/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 34005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-7	BH25-22 0'	Total/NA	Solid	5030C	
885-32508-8	BH25-22 1'	Total/NA	Solid	5030C	
885-32508-9	BH25-22 2'	Total/NA	Solid	5030C	
MB 885-34005/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-34005/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-34005/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-32508-7 MS	BH25-22 0'	Total/NA	Solid	5030C	
885-32508-7 MSD	BH25-22 0'	Total/NA	Solid	5030C	
885-32508-8 MS	BH25-22 1'	Total/NA	Solid	5030C	
885-32508-8 MSD	BH25-22 1'	Total/NA	Solid	5030C	

Analysis Batch: 34192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-7	BH25-22 0'	Total/NA	Solid	8015M/D	34005
885-32508-8	BH25-22 1'	Total/NA	Solid	8015M/D	34005
885-32508-9	BH25-22 2'	Total/NA	Solid	8015M/D	34005
MB 885-34005/1-A	Method Blank	Total/NA	Solid	8015M/D	34005
LCS 885-34005/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34005
885-32508-7 MS	BH25-22 0'	Total/NA	Solid	8015M/D	34005
885-32508-7 MSD	BH25-22 0'	Total/NA	Solid	8015M/D	34005

Analysis Batch: 34193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-7	BH25-22 0'	Total/NA	Solid	8021B	34005
885-32508-8	BH25-22 1'	Total/NA	Solid	8021B	34005
885-32508-9	BH25-22 2'	Total/NA	Solid	8021B	34005
MB 885-34005/1-A	Method Blank	Total/NA	Solid	8021B	34005
LCS 885-34005/3-A	Lab Control Sample	Total/NA	Solid	8021B	34005
885-32508-8 MS	BH25-22 1'	Total/NA	Solid	8021B	34005
885-32508-8 MSD	BH25-22 1'	Total/NA	Solid	8021B	34005

Analysis Batch: 34387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-1	BH25-20 0'	Total/NA	Solid	8021B	33977
885-32508-2	BH25-20 1'	Total/NA	Solid	8021B	33977
885-32508-3	BH25-20 2'	Total/NA	Solid	8021B	33977
885-32508-4	BH25-21 0'	Total/NA	Solid	8021B	33977
885-32508-5	BH25-21 1'	Total/NA	Solid	8021B	33977
885-32508-6	BH25-21 2'	Total/NA	Solid	8021B	33977

QC Association Summary

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Analysis Batch: 34387 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-33977/1-A	Method Blank	Total/NA	Solid	8021B	33977
LCS 885-33977/3-A	Lab Control Sample	Total/NA	Solid	8021B	33977

Analysis Batch: 34388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-1	BH25-20 0'	Total/NA	Solid	8015M/D	33977
885-32508-2	BH25-20 1'	Total/NA	Solid	8015M/D	33977
885-32508-3	BH25-20 2'	Total/NA	Solid	8015M/D	33977
885-32508-4	BH25-21 0'	Total/NA	Solid	8015M/D	33977
885-32508-5	BH25-21 1'	Total/NA	Solid	8015M/D	33977
885-32508-6	BH25-21 2'	Total/NA	Solid	8015M/D	33977
MB 885-33977/1-A	Method Blank	Total/NA	Solid	8015M/D	33977
LCS 885-33977/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	33977

GC Semi VOA

Analysis Batch: 34245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-34248/1-A	Method Blank	Total/NA	Solid	8015M/D	34248
LCS 885-34248/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34248

Prep Batch: 34248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-1	BH25-20 0'	Total/NA	Solid	SHAKE	
MB 885-34248/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34248/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 34284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-2	BH25-20 1'	Total/NA	Solid	SHAKE	
MB 885-34284/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34284/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-32508-2 MS	BH25-20 1'	Total/NA	Solid	SHAKE	
885-32508-2 MSD	BH25-20 1'	Total/NA	Solid	SHAKE	

Prep Batch: 34295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-3	BH25-20 2'	Total/NA	Solid	SHAKE	
885-32508-4	BH25-21 0'	Total/NA	Solid	SHAKE	
885-32508-5	BH25-21 1'	Total/NA	Solid	SHAKE	
885-32508-6	BH25-21 2'	Total/NA	Solid	SHAKE	
885-32508-7	BH25-22 0'	Total/NA	Solid	SHAKE	
885-32508-8	BH25-22 1'	Total/NA	Solid	SHAKE	
885-32508-9	BH25-22 2'	Total/NA	Solid	SHAKE	
MB 885-34295/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34295/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 34317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-1	BH25-20 0'	Total/NA	Solid	8015M/D	34248

QC Association Summary

Client: Vertex Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

GC Semi VOA

Analysis Batch: 34322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-2	BH25-20 1'	Total/NA	Solid	8015M/D	34284
885-32508-3	BH25-20 2'	Total/NA	Solid	8015M/D	34295
885-32508-4	BH25-21 0'	Total/NA	Solid	8015M/D	34295
885-32508-5	BH25-21 1'	Total/NA	Solid	8015M/D	34295
885-32508-6	BH25-21 2'	Total/NA	Solid	8015M/D	34295
885-32508-7	BH25-22 0'	Total/NA	Solid	8015M/D	34295
885-32508-8	BH25-22 1'	Total/NA	Solid	8015M/D	34295
885-32508-9	BH25-22 2'	Total/NA	Solid	8015M/D	34295
MB 885-34284/1-A	Method Blank	Total/NA	Solid	8015M/D	34284
MB 885-34295/1-A	Method Blank	Total/NA	Solid	8015M/D	34295
LCS 885-34284/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34284
LCS 885-34295/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34295
885-32508-2 MS	BH25-20 1'	Total/NA	Solid	8015M/D	34284
885-32508-2 MSD	BH25-20 1'	Total/NA	Solid	8015M/D	34284

HPLC/IC

Prep Batch: 34141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-1	BH25-20 0'	Total/NA	Solid	300_Prep	
885-32508-2	BH25-20 1'	Total/NA	Solid	300_Prep	
885-32508-3	BH25-20 2'	Total/NA	Solid	300_Prep	
MB 885-34141/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-34141/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 34176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-1	BH25-20 0'	Total/NA	Solid	300.0	34141
885-32508-2	BH25-20 1'	Total/NA	Solid	300.0	34141
885-32508-3	BH25-20 2'	Total/NA	Solid	300.0	34141
885-32508-4	BH25-21 0'	Total/NA	Solid	300.0	34210
885-32508-5	BH25-21 1'	Total/NA	Solid	300.0	34210
885-32508-6	BH25-21 2'	Total/NA	Solid	300.0	34210
885-32508-7	BH25-22 0'	Total/NA	Solid	300.0	34210
885-32508-8	BH25-22 1'	Total/NA	Solid	300.0	34210
885-32508-9	BH25-22 2'	Total/NA	Solid	300.0	34210
MB 885-34141/1-A	Method Blank	Total/NA	Solid	300.0	34141
MB 885-34210/1-A	Method Blank	Total/NA	Solid	300.0	34210
LCS 885-34141/2-A	Lab Control Sample	Total/NA	Solid	300.0	34141
LCS 885-34210/2-A	Lab Control Sample	Total/NA	Solid	300.0	34210
885-32508-4 MS	BH25-21 0'	Total/NA	Solid	300.0	34210
885-32508-4 MSD	BH25-21 0'	Total/NA	Solid	300.0	34210
885-32508-5 MS	BH25-21 1'	Total/NA	Solid	300.0	34210
885-32508-5 MSD	BH25-21 1'	Total/NA	Solid	300.0	34210

Prep Batch: 34210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-4	BH25-21 0'	Total/NA	Solid	300_Prep	
885-32508-5	BH25-21 1'	Total/NA	Solid	300_Prep	
885-32508-6	BH25-21 2'	Total/NA	Solid	300_Prep	
885-32508-7	BH25-22 0'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

HPLC/IC (Continued)

Prep Batch: 34210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32508-8	BH25-22 1'	Total/NA	Solid	300_Prep	
885-32508-9	BH25-22 2'	Total/NA	Solid	300_Prep	
MB 885-34210/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-34210/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-32508-4 MS	BH25-21 0'	Total/NA	Solid	300_Prep	
885-32508-4 MSD	BH25-21 0'	Total/NA	Solid	300_Prep	
885-32508-5 MS	BH25-21 1'	Total/NA	Solid	300_Prep	
885-32508-5 MSD	BH25-21 1'	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-20 0'
Lab Sample ID: 885-32508-1
Date Collected: 08/29/25 13:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 00:50
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 00:50
Total/NA	Prep	SHAKE			34248	BZR	EET ALB	09/09/25 10:50
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/10/25 16:04
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 18:10

Client Sample ID: BH25-20 1'
Lab Sample ID: 885-32508-2
Date Collected: 08/29/25 13:05
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 01:12
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 01:12
Total/NA	Prep	SHAKE			34284	BZR	EET ALB	09/09/25 15:09
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 06:33
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 18:20

Client Sample ID: BH25-20 2'
Lab Sample ID: 885-32508-3
Date Collected: 08/29/25 13:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 01:34
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 01:34
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 23:08
Total/NA	Prep	300_Prep			34141	KB	EET ALB	09/08/25 11:27
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 18:31

Client Sample ID: BH25-21 0'
Lab Sample ID: 885-32508-4
Date Collected: 08/29/25 13:15
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 01:56

Lab Chronicle

Client: Vertex Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-21 0' Lab Sample ID: 885-32508-4

Date Collected: 08/29/25 13:15 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 01:56
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 23:32
Total/NA	Prep	300_Prep			34210	KB	EET ALB	09/08/25 17:02
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 19:02

Client Sample ID: BH25-21 1' Lab Sample ID: 885-32508-5

Date Collected: 08/29/25 13:20 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 02:17
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 02:17
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 23:55
Total/NA	Prep	300_Prep			34210	KB	EET ALB	09/08/25 17:02
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 19:53

Client Sample ID: BH25-21 2' Lab Sample ID: 885-32508-6

Date Collected: 08/29/25 13:25 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8015M/D		1	34388	AT	EET ALB	09/11/25 02:39
Total/NA	Prep	5030C			33977	CM	EET ALB	09/05/25 12:58
Total/NA	Analysis	8021B		1	34387	AT	EET ALB	09/11/25 02:39
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 00:19
Total/NA	Prep	300_Prep			34210	KB	EET ALB	09/08/25 17:02
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 20:24

Client Sample ID: BH25-22 0' Lab Sample ID: 885-32508-7

Date Collected: 08/29/25 13:30 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/08/25 15:43
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/08/25 15:43

Lab Chronicle

Client: Vertex
Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-22 0'
Lab Sample ID: 885-32508-7
Date Collected: 08/29/25 13:30
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 00:43
Total/NA	Prep	300_Prep			34210	KB	EET ALB	09/08/25 17:02
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 20:35

Client Sample ID: BH25-22 1'
Lab Sample ID: 885-32508-8
Date Collected: 08/29/25 13:35
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/08/25 16:48
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/08/25 16:48
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 01:07
Total/NA	Prep	300_Prep			34210	KB	EET ALB	09/08/25 17:02
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 20:45

Client Sample ID: BH25-22 2'
Lab Sample ID: 885-32508-9
Date Collected: 08/29/25 13:40
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/08/25 17:53
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/08/25 17:53
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 01:31
Total/NA	Prep	300_Prep			34210	KB	EET ALB	09/08/25 17:02
Total/NA	Analysis	300.0		10	34176	RC	EET ALB	09/08/25 20:55

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-32508-1
Project/Site: North Pure Gold 9 Federal #001

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☐ Standard X 5-day Rush

Project Name: **North Pure Gold 9 Federal #001**

Project #: **25A-01165**

Project Manager: Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☑ Yes ☐ No chucky

# of Coolers: 1

Cooler Temp(including CF): 3.1+0.2=3.3°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 8710(
Tel. 505-345-3975 Fax 505-345-4107

885-32508 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08.29.25	13:00	Soil	BH25-20 0'	1, 4oz jar			X	X					X			
08.29.25	13:05	Soil	BH25-20 1'	1, 4oz jar			X	X					X			
08.29.25	13:10	Soil	BH25-20 2'	1, 4oz jar			X	X					X			
08.29.25	13:15	Soil	BH25-21 0'	1, 4oz jar			X	X					X			
08.29.25	13:20	Soil	BH25-21 1'	1, 4oz jar			X	X					X			
08.29.25	13:25	Soil	BH25-21 2'	1, 4oz jar			X	X					X			
08.29.25	13:30	Soil	BH25-22 0'	1, 4oz jar			X	X					X			
08.29.25	13:35	Soil	BH25-22 1'	1, 4oz jar			X	X					X			
08.29.25	13:40	Soil	BH25-22 2'	1, 4oz jar			X	X					X			

Analysis Request

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-2-25	07:00				9/3/25	700
9/3/25	1900			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-32508-1

Login Number: 32508 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 9/15/2025 5:43:01 PM

JOB DESCRIPTION

North Pure Gold 9 Federal #001

JOB NUMBER

885-32491-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 5/4/2026 3:49:54 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
9/15/2025 5:43:01 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Laboratory Job ID: 885-32491-1

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Definitions/Glossary

Client: Vertex Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex Job ID: 885-32491-1
Project: North Pure Gold 9 Federal #001

Job ID: 885-32491-1 Eurofins Albuquerque

Job Narrative
885-32491-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/4/2025 8:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The following samples required a dilution due to the nature of the sample matrix: BH25-23 0' (885-32491-1) and BH25-23 1' (885-32491-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8015D_DRO: The following samples were diluted to bring the concentration of target analytes within the calibration range: BH25-23 0' (885-32491-1) and BH25-23 1' (885-32491-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-23 0'
Lab Sample ID: 885-32491-1
Date Collected: 08/30/25 09:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/08/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 14:47*	*09/08/25 22:58*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/08/25 22:58	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 22:58	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 22:58	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 14:47	09/08/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 14:47*	*09/08/25 22:58*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1400**		94		mg/Kg		09/09/25 16:00	09/12/25 01:54	10
Motor Oil Range Organics [C28-C40]	**2400**		470		mg/Kg		09/09/25 16:00	09/12/25 01:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*09/09/25 16:00*	*09/12/25 01:54*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/09/25 11:21	09/09/25 16:48	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-23 1'
Lab Sample ID: 885-32491-2
Date Collected: 08/30/25 09:05
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/08/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*15 - 150*	*09/05/25 14:47*	*09/08/25 23:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/08/25 23:19	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 23:19	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 23:19	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 14:47	09/08/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*15 - 150*	*09/05/25 14:47*	*09/08/25 23:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**990**		93		mg/Kg		09/09/25 16:00	09/12/25 02:18	10
Motor Oil Range Organics [C28-C40]	**2100**		460		mg/Kg		09/09/25 16:00	09/12/25 02:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*D S1-*	*62 - 134*	*09/09/25 16:00*	*09/12/25 02:18*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52**		50		mg/Kg		09/09/25 11:21	09/09/25 17:21	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-23 2'
Lab Sample ID: 885-32491-3
Date Collected: 08/30/25 09:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/05/25 14:47	09/08/25 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 14:47*	*09/08/25 23:41*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/05/25 14:47	09/08/25 23:41	1
Ethylbenzene	ND		0.049		mg/Kg		09/05/25 14:47	09/08/25 23:41	1
Toluene	ND		0.049		mg/Kg		09/05/25 14:47	09/08/25 23:41	1
Xylenes, Total	ND		0.098		mg/Kg		09/05/25 14:47	09/08/25 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*09/05/25 14:47*	*09/08/25 23:41*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		09/09/25 16:00	09/12/25 03:06	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/09/25 16:00	09/12/25 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*09/09/25 16:00*	*09/12/25 03:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/09/25 11:21	09/09/25 17:32	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-24 0'
Lab Sample ID: 885-32491-4
Date Collected: 08/30/25 10:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/09/25 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 14:47*	*09/09/25 00:25*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/09/25 00:25	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/09/25 00:25	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/09/25 00:25	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 14:47	09/09/25 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/05/25 14:47*	*09/09/25 00:25*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/09/25 16:00	09/12/25 03:30	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/12/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*09/09/25 16:00*	*09/12/25 03:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/09/25 11:21	09/09/25 17:42	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-24 1'
Lab Sample ID: 885-32491-5
Date Collected: 08/30/25 10:05
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/09/25 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/05/25 14:47*	*09/09/25 00:46*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/09/25 00:46	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/09/25 00:46	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/09/25 00:46	1
Xylenes, Total	ND		0.099		mg/Kg		09/05/25 14:47	09/09/25 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/05/25 14:47*	*09/09/25 00:46*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/09/25 16:00	09/12/25 03:54	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/12/25 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*09/09/25 16:00*	*09/12/25 03:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/09/25 11:21	09/09/25 17:53	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-24 2'
Lab Sample ID: 885-32491-6
Date Collected: 08/30/25 10:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/08/25 10:05	09/10/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*09/08/25 10:05*	*09/10/25 21:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 10:05	09/10/25 21:23	1
Ethylbenzene	ND		0.050		mg/Kg		09/08/25 10:05	09/10/25 21:23	1
Toluene	ND		0.050		mg/Kg		09/08/25 10:05	09/10/25 21:23	1
Xylenes, Total	ND		0.10		mg/Kg		09/08/25 10:05	09/10/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*09/08/25 10:05*	*09/10/25 21:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		09/09/25 16:00	09/12/25 04:17	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/09/25 16:00	09/12/25 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*09/09/25 16:00*	*09/12/25 04:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/09/25 11:21	09/09/25 18:04	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-25 0'
Lab Sample ID: 885-32491-7
Date Collected: 08/30/25 10:45
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/08/25 10:05	09/10/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*09/08/25 10:05*	*09/10/25 22:33*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 10:05	09/10/25 22:33	1
Ethylbenzene	ND		0.050		mg/Kg		09/08/25 10:05	09/10/25 22:33	1
Toluene	ND		0.050		mg/Kg		09/08/25 10:05	09/10/25 22:33	1
Xylenes, Total	ND		0.099		mg/Kg		09/08/25 10:05	09/10/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*09/08/25 10:05*	*09/10/25 22:33*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/09/25 16:00	09/12/25 04:41	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/09/25 16:00	09/12/25 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*09/09/25 16:00*	*09/12/25 04:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		50		mg/Kg		09/09/25 11:21	09/09/25 18:15	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-25 1'
Lab Sample ID: 885-32491-8
Date Collected: 08/30/25 10:50
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/08/25 10:05	09/10/25 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*09/08/25 10:05*	*09/10/25 23:44*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/08/25 10:05	09/10/25 23:44	1
Ethylbenzene	ND		0.049		mg/Kg		09/08/25 10:05	09/10/25 23:44	1
Toluene	ND		0.049		mg/Kg		09/08/25 10:05	09/10/25 23:44	1
Xylenes, Total	ND		0.098		mg/Kg		09/08/25 10:05	09/10/25 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*09/08/25 10:05*	*09/10/25 23:44*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/09/25 16:00	09/12/25 05:05	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/09/25 16:00	09/12/25 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*09/09/25 16:00*	*09/12/25 05:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		50		mg/Kg		09/09/25 11:21	09/09/25 18:26	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-25 2'
Lab Sample ID: 885-32491-9
Date Collected: 08/30/25 10:55
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/08/25 10:05	09/11/25 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*09/08/25 10:05*	*09/11/25 00:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/08/25 10:05	09/11/25 00:08	1
Ethylbenzene	ND		0.048		mg/Kg		09/08/25 10:05	09/11/25 00:08	1
Toluene	ND		0.048		mg/Kg		09/08/25 10:05	09/11/25 00:08	1
Xylenes, Total	ND		0.095		mg/Kg		09/08/25 10:05	09/11/25 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 150*	*09/08/25 10:05*	*09/11/25 00:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/09/25 16:00	09/12/25 05:29	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/09/25 16:00	09/12/25 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*09/09/25 16:00*	*09/12/25 05:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83**		50		mg/Kg		09/09/25 11:21	09/09/25 18:37	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-26 0'
Lab Sample ID: 885-32491-10
Date Collected: 08/30/25 11:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/08/25 10:05	09/11/25 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*09/08/25 10:05*	*09/11/25 00:32*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 10:05	09/11/25 00:32	1
Ethylbenzene	ND		0.049		mg/Kg		09/08/25 10:05	09/11/25 00:32	1
Toluene	ND		0.049		mg/Kg		09/08/25 10:05	09/11/25 00:32	1
Xylenes, Total	ND		0.098		mg/Kg		09/08/25 10:05	09/11/25 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 150*	*09/08/25 10:05*	*09/11/25 00:32*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		09/09/25 16:00	09/12/25 05:52	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/09/25 16:00	09/12/25 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*09/09/25 16:00*	*09/12/25 05:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**190**		50		mg/Kg		09/09/25 11:21	09/09/25 18:48	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-26 1'
Lab Sample ID: 885-32491-11
Date Collected: 08/30/25 11:05
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/08/25 14:18	09/12/25 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/08/25 14:18*	*09/12/25 03:11*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 14:18	09/12/25 03:11	1
Ethylbenzene	ND		0.049		mg/Kg		09/08/25 14:18	09/12/25 03:11	1
Toluene	ND		0.049		mg/Kg		09/08/25 14:18	09/12/25 03:11	1
Xylenes, Total	ND		0.099		mg/Kg		09/08/25 14:18	09/12/25 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/08/25 14:18*	*09/12/25 03:11*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		09/09/25 16:00	09/12/25 06:16	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/09/25 16:00	09/12/25 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*09/09/25 16:00*	*09/12/25 06:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54**		50		mg/Kg		09/09/25 14:52	09/09/25 19:42	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-26 2'
Lab Sample ID: 885-32491-12
Date Collected: 08/30/25 11:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/08/25 14:18	09/12/25 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/08/25 14:18*	*09/12/25 04:16*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 14:18	09/12/25 04:16	1
Ethylbenzene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 04:16	1
Toluene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 04:16	1
Xylenes, Total	ND		0.10		mg/Kg		09/08/25 14:18	09/12/25 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/08/25 14:18*	*09/12/25 04:16*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/09/25 16:00	09/12/25 06:39	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/09/25 16:00	09/12/25 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*09/09/25 16:00*	*09/12/25 06:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69**		50		mg/Kg		09/09/25 14:52	09/09/25 20:14	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-27 0'
Lab Sample ID: 885-32491-13
Date Collected: 08/30/25 13:45
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/08/25 14:18	09/12/25 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/08/25 14:18*	*09/12/25 05:22*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 14:18	09/12/25 05:22	1
Ethylbenzene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 05:22	1
Toluene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 05:22	1
Xylenes, Total	ND		0.099		mg/Kg		09/08/25 14:18	09/12/25 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/08/25 14:18*	*09/12/25 05:22*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		09/09/25 16:00	09/12/25 07:02	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/09/25 16:00	09/12/25 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*09/09/25 16:00*	*09/12/25 07:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49		mg/Kg		09/09/25 14:52	09/09/25 20:47	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-27 1'
Lab Sample ID: 885-32491-14
Date Collected: 08/30/25 13:50
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/08/25 14:18	09/12/25 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/08/25 14:18*	*09/12/25 05:44*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 14:18	09/12/25 05:44	1
Ethylbenzene	ND		0.049		mg/Kg		09/08/25 14:18	09/12/25 05:44	1
Toluene	ND		0.049		mg/Kg		09/08/25 14:18	09/12/25 05:44	1
Xylenes, Total	ND		0.099		mg/Kg		09/08/25 14:18	09/12/25 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/08/25 14:18*	*09/12/25 05:44*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		09/10/25 13:31	09/10/25 22:43	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/10/25 13:31	09/10/25 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*	*09/10/25 13:31*	*09/10/25 22:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/09/25 14:52	09/09/25 20:58	10

Client Sample Results

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-27 2'
Lab Sample ID: 885-32491-15
Date Collected: 08/30/25 13:55
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/08/25 14:18	09/12/25 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/08/25 14:18*	*09/12/25 06:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 14:18	09/12/25 06:06	1
Ethylbenzene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 06:06	1
Toluene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 06:06	1
Xylenes, Total	ND		0.10		mg/Kg		09/08/25 14:18	09/12/25 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/08/25 14:18*	*09/12/25 06:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/10/25 13:31	09/10/25 23:20	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/10/25 13:31	09/10/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*117*		*62 - 134*	*09/10/25 13:31*	*09/10/25 23:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/09/25 14:52	09/09/25 21:30	10

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-34005/1-A
Matrix: Solid
Analysis Batch: 34192

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34005

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/05/25 14:47	09/08/25 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/05/25 14:47*	*09/08/25 15:21*	*1*

Lab Sample ID: LCS 885-34005/2-A
Matrix: Solid
Analysis Batch: 34192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34005

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	20.3		mg/Kg		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*198*		*15 - 150*

Lab Sample ID: MB 885-34120/1-A
Matrix: Solid
Analysis Batch: 34399

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34120

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/08/25 10:05	09/10/25 20:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*09/08/25 10:05*	*09/10/25 20:59*	*1*

Lab Sample ID: LCS 885-34120/2-A
Matrix: Solid
Analysis Batch: 34399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34120

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	19.4		mg/Kg		78	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*206*		*15 - 150*

Lab Sample ID: 885-32491-6 MS
Matrix: Solid
Analysis Batch: 34399

Client Sample ID: BH25-24 2'
Prep Type: Total/NA
Prep Batch: 34120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	19.7		mg/Kg		79	70 - 130		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-32491-6 MS
Matrix: Solid
Analysis Batch: 34399

Client Sample ID: BH25-24 2'
Prep Type: Total/NA
Prep Batch: 34120

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	209		15 - 150

Lab Sample ID: 885-32491-6 MSD
Matrix: Solid
Analysis Batch: 34399

Client Sample ID: BH25-24 2'
Prep Type: Total/NA
Prep Batch: 34120

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	18.2		mg/Kg		73	70 - 130	8	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	198		15 - 150

Lab Sample ID: 885-32491-11 MS
Matrix: Solid
Analysis Batch: 34523

Client Sample ID: BH25-26 1'
Prep Type: Total/NA
Prep Batch: 34187

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.7	18.9		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	199		15 - 150

Lab Sample ID: 885-32491-11 MSD
Matrix: Solid
Analysis Batch: 34523

Client Sample ID: BH25-26 1'
Prep Type: Total/NA
Prep Batch: 34187

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	19.9		mg/Kg		80	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	202		15 - 150

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-34005/1-A
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34005

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/05/25 14:47	09/08/25 15:21	1
Ethylbenzene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 15:21	1
Toluene	ND		0.050		mg/Kg		09/05/25 14:47	09/08/25 15:21	1
Xylenes, Total	ND		0.10		mg/Kg		09/05/25 14:47	09/08/25 15:21	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-34005/1-A
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34005

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		15 - 150	09/05/25 14:47	09/08/25 15:21	1

Lab Sample ID: LCS 885-34005/3-A
Matrix: Solid
Analysis Batch: 34193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34005

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.961		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.925		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	2.00	1.87		mg/Kg		93	70 - 130
o-Xylene	1.00	0.938		mg/Kg		94	70 - 130
Toluene	1.00	0.937		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		15 - 150

Lab Sample ID: MB 885-34120/1-A
Matrix: Solid
Analysis Batch: 34400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34120

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/08/25 10:05	09/10/25 20:59	1
Ethylbenzene	ND		0.050	mg/Kg		09/08/25 10:05	09/10/25 20:59	1
Toluene	ND		0.050	mg/Kg		09/08/25 10:05	09/10/25 20:59	1
Xylenes, Total	ND		0.10	mg/Kg		09/08/25 10:05	09/10/25 20:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		15 - 150	09/08/25 10:05	09/10/25 20:59	1

Lab Sample ID: LCS 885-34120/3-A
Matrix: Solid
Analysis Batch: 34400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34120

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.04		mg/Kg		104	70 - 130
Ethylbenzene	1.00	1.03		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	2.00	2.05		mg/Kg		103	70 - 130
o-Xylene	1.00	0.989		mg/Kg		99	70 - 130
Toluene	1.00	1.02		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		15 - 150

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-32491-7 MS
Matrix: Solid
Analysis Batch: 34400

Client Sample ID: BH25-25 0'
Prep Type: Total/NA
Prep Batch: 34120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.996	1.00		mg/Kg		101	70 - 130
Ethylbenzene	ND		0.996	0.997		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	ND		1.99	2.01		mg/Kg		100	70 - 130
o-Xylene	ND		0.996	1.00		mg/Kg		99	70 - 130
Toluene	ND		0.996	0.990		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*

Lab Sample ID: 885-32491-7 MSD
Matrix: Solid
Analysis Batch: 34400

Client Sample ID: BH25-25 0'
Prep Type: Total/NA
Prep Batch: 34120

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.993	1.03		mg/Kg		103	70 - 130	2	20
Ethylbenzene	ND		0.993	1.00		mg/Kg		101	70 - 130	1	20
m-Xylene & p-Xylene	ND		1.99	2.01		mg/Kg		100	70 - 130	0	20
o-Xylene	ND		0.993	0.995		mg/Kg		99	70 - 130	1	20
Toluene	ND		0.993	1.03		mg/Kg		104	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*

Lab Sample ID: MB 885-34187/1-A
Matrix: Solid
Analysis Batch: 34524

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34187

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/08/25 14:18	09/12/25 02:49	1
Ethylbenzene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 02:49	1
Toluene	ND		0.050		mg/Kg		09/08/25 14:18	09/12/25 02:49	1
Xylenes, Total	ND		0.10		mg/Kg		09/08/25 14:18	09/12/25 02:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/08/25 14:18*	*09/12/25 02:49*	*1*

Lab Sample ID: LCS 885-34187/3-A
Matrix: Solid
Analysis Batch: 34524

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34187

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			1.00	1.04		mg/Kg		104	70 - 130
Ethylbenzene			1.00	1.03		mg/Kg		103	70 - 130
m-Xylene & p-Xylene			2.00	2.11		mg/Kg		105	70 - 130
o-Xylene			1.00	1.03		mg/Kg		103	70 - 130
Toluene			1.00	1.02		mg/Kg		102	70 - 130

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-34187/3-A
Matrix: Solid
Analysis Batch: 34524

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34187

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		15 - 150

Lab Sample ID: 885-32491-12 MS
Matrix: Solid
Analysis Batch: 34524

Client Sample ID: BH25-26 2'
Prep Type: Total/NA
Prep Batch: 34187

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.998	1.05		mg/Kg		106	70 - 130
Ethylbenzene	ND		0.998	1.05		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	ND		2.00	2.10		mg/Kg		105	70 - 130
o-Xylene	ND		0.998	1.04		mg/Kg		104	70 - 130
Toluene	ND		0.998	1.04		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		15 - 150

Lab Sample ID: 885-32491-12 MSD
Matrix: Solid
Analysis Batch: 34524

Client Sample ID: BH25-26 2'
Prep Type: Total/NA
Prep Batch: 34187

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.998	1.01		mg/Kg		101	70 - 130	5	20
Ethylbenzene	ND		0.998	0.999		mg/Kg		100	70 - 130	5	20
m-Xylene & p-Xylene	ND		2.00	1.97		mg/Kg		99	70 - 130	6	20
o-Xylene	ND		0.998	1.00		mg/Kg		100	70 - 130	4	20
Toluene	ND		0.998	0.983		mg/Kg		99	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		15 - 150

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-34295/1-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34295

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/09/25 15:59	09/11/25 22:20	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/09/25 15:59	09/11/25 22:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134	09/09/25 15:59	09/11/25 22:20	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-34295/2-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34295

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	45.8		mg/Kg		92	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*

Lab Sample ID: 885-32491-13 MS
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: BH25-27 0'
Prep Type: Total/NA
Prep Batch: 34295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		47.3	44.6		mg/Kg		94	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*

Lab Sample ID: 885-32491-13 MSD
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: BH25-27 0'
Prep Type: Total/NA
Prep Batch: 34295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.4	46.7		mg/Kg		95	44 - 136	4	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*

Lab Sample ID: MB 885-34372/1-A
Matrix: Solid
Analysis Batch: 34317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34372

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/10/25 13:31	09/10/25 22:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/10/25 13:31	09/10/25 22:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*09/10/25 13:31*	*09/10/25 22:18*	*1*

Lab Sample ID: LCS 885-34372/2-A
Matrix: Solid
Analysis Batch: 34317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34372

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	54.4		mg/Kg		109	51 - 148		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-34372/2-A
Matrix: Solid
Analysis Batch: 34317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34372

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*

Lab Sample ID: 885-32491-14 MS
Matrix: Solid
Analysis Batch: 34317

Client Sample ID: BH25-27 1'
Prep Type: Total/NA
Prep Batch: 34372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		46.9	48.2		mg/Kg		103	44 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*123*		*62 - 134*

Lab Sample ID: 885-32491-14 MSD
Matrix: Solid
Analysis Batch: 34317

Client Sample ID: BH25-27 1'
Prep Type: Total/NA
Prep Batch: 34372

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.0	49.4		mg/Kg		107	44 - 136	2	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-34253/1-A
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34253

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/09/25 11:21	09/09/25 13:00	1

Lab Sample ID: LCS 885-34253/2-A
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34253

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			50.2	49.7		mg/Kg		99	90 - 110

Lab Sample ID: MB 885-34282/1-A
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34282

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/09/25 14:52	09/09/25 19:20	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-34282/2-A
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34282

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.2	50.3		mg/Kg		100	90 - 110		

Lab Sample ID: 885-32491-11 MS
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: BH25-26 1'
Prep Type: Total/NA
Prep Batch: 34282

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	54		50.3	101		mg/Kg		94	50 - 150		

Lab Sample ID: 885-32491-11 MSD
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: BH25-26 1'
Prep Type: Total/NA
Prep Batch: 34282

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	54		49.5	97.8		mg/Kg		89	50 - 150	3	20

Lab Sample ID: 885-32491-12 MS
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: BH25-26 2'
Prep Type: Total/NA
Prep Batch: 34282

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	69		49.5	118		mg/Kg		100	50 - 150		

Lab Sample ID: 885-32491-12 MSD
Matrix: Solid
Analysis Batch: 34251

Client Sample ID: BH25-26 2'
Prep Type: Total/NA
Prep Batch: 34282

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	69		50.0	119		mg/Kg		100	50 - 150	0	20

QC Association Summary

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA

Prep Batch: 34005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-1	BH25-23 0'	Total/NA	Solid	5030C	
885-32491-2	BH25-23 1'	Total/NA	Solid	5030C	
885-32491-3	BH25-23 2'	Total/NA	Solid	5030C	
885-32491-4	BH25-24 0'	Total/NA	Solid	5030C	
885-32491-5	BH25-24 1'	Total/NA	Solid	5030C	
MB 885-34005/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-34005/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-34005/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 34120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-6	BH25-24 2'	Total/NA	Solid	5030C	
885-32491-7	BH25-25 0'	Total/NA	Solid	5030C	
885-32491-8	BH25-25 1'	Total/NA	Solid	5030C	
885-32491-9	BH25-25 2'	Total/NA	Solid	5030C	
885-32491-10	BH25-26 0'	Total/NA	Solid	5030C	
MB 885-34120/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-34120/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-34120/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-32491-6 MS	BH25-24 2'	Total/NA	Solid	5030C	
885-32491-6 MSD	BH25-24 2'	Total/NA	Solid	5030C	
885-32491-7 MS	BH25-25 0'	Total/NA	Solid	5030C	
885-32491-7 MSD	BH25-25 0'	Total/NA	Solid	5030C	

Prep Batch: 34187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-11	BH25-26 1'	Total/NA	Solid	5030C	
885-32491-12	BH25-26 2'	Total/NA	Solid	5030C	
885-32491-13	BH25-27 0'	Total/NA	Solid	5030C	
885-32491-14	BH25-27 1'	Total/NA	Solid	5030C	
885-32491-15	BH25-27 2'	Total/NA	Solid	5030C	
MB 885-34187/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-34187/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-32491-11 MS	BH25-26 1'	Total/NA	Solid	5030C	
885-32491-11 MSD	BH25-26 1'	Total/NA	Solid	5030C	
885-32491-12 MS	BH25-26 2'	Total/NA	Solid	5030C	
885-32491-12 MSD	BH25-26 2'	Total/NA	Solid	5030C	

Analysis Batch: 34192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-1	BH25-23 0'	Total/NA	Solid	8015M/D	34005
885-32491-2	BH25-23 1'	Total/NA	Solid	8015M/D	34005
885-32491-3	BH25-23 2'	Total/NA	Solid	8015M/D	34005
885-32491-4	BH25-24 0'	Total/NA	Solid	8015M/D	34005
885-32491-5	BH25-24 1'	Total/NA	Solid	8015M/D	34005
MB 885-34005/1-A	Method Blank	Total/NA	Solid	8015M/D	34005
LCS 885-34005/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34005

Analysis Batch: 34193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-1	BH25-23 0'	Total/NA	Solid	8021B	34005

QC Association Summary

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Analysis Batch: 34193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-2	BH25-23 1'	Total/NA	Solid	8021B	34005
885-32491-3	BH25-23 2'	Total/NA	Solid	8021B	34005
885-32491-4	BH25-24 0'	Total/NA	Solid	8021B	34005
885-32491-5	BH25-24 1'	Total/NA	Solid	8021B	34005
MB 885-34005/1-A	Method Blank	Total/NA	Solid	8021B	34005
LCS 885-34005/3-A	Lab Control Sample	Total/NA	Solid	8021B	34005

Analysis Batch: 34399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-6	BH25-24 2'	Total/NA	Solid	8015M/D	34120
885-32491-7	BH25-25 0'	Total/NA	Solid	8015M/D	34120
885-32491-8	BH25-25 1'	Total/NA	Solid	8015M/D	34120
885-32491-9	BH25-25 2'	Total/NA	Solid	8015M/D	34120
885-32491-10	BH25-26 0'	Total/NA	Solid	8015M/D	34120
MB 885-34120/1-A	Method Blank	Total/NA	Solid	8015M/D	34120
LCS 885-34120/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34120
885-32491-6 MS	BH25-24 2'	Total/NA	Solid	8015M/D	34120
885-32491-6 MSD	BH25-24 2'	Total/NA	Solid	8015M/D	34120

Analysis Batch: 34400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-6	BH25-24 2'	Total/NA	Solid	8021B	34120
885-32491-7	BH25-25 0'	Total/NA	Solid	8021B	34120
885-32491-8	BH25-25 1'	Total/NA	Solid	8021B	34120
885-32491-9	BH25-25 2'	Total/NA	Solid	8021B	34120
885-32491-10	BH25-26 0'	Total/NA	Solid	8021B	34120
MB 885-34120/1-A	Method Blank	Total/NA	Solid	8021B	34120
LCS 885-34120/3-A	Lab Control Sample	Total/NA	Solid	8021B	34120
885-32491-7 MS	BH25-25 0'	Total/NA	Solid	8021B	34120
885-32491-7 MSD	BH25-25 0'	Total/NA	Solid	8021B	34120

Analysis Batch: 34523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-11	BH25-26 1'	Total/NA	Solid	8015M/D	34187
885-32491-12	BH25-26 2'	Total/NA	Solid	8015M/D	34187
885-32491-13	BH25-27 0'	Total/NA	Solid	8015M/D	34187
885-32491-14	BH25-27 1'	Total/NA	Solid	8015M/D	34187
885-32491-15	BH25-27 2'	Total/NA	Solid	8015M/D	34187
885-32491-11 MS	BH25-26 1'	Total/NA	Solid	8015M/D	34187
885-32491-11 MSD	BH25-26 1'	Total/NA	Solid	8015M/D	34187

Analysis Batch: 34524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-11	BH25-26 1'	Total/NA	Solid	8021B	34187
885-32491-12	BH25-26 2'	Total/NA	Solid	8021B	34187
885-32491-13	BH25-27 0'	Total/NA	Solid	8021B	34187
885-32491-14	BH25-27 1'	Total/NA	Solid	8021B	34187
885-32491-15	BH25-27 2'	Total/NA	Solid	8021B	34187
MB 885-34187/1-A	Method Blank	Total/NA	Solid	8021B	34187
LCS 885-34187/3-A	Lab Control Sample	Total/NA	Solid	8021B	34187
885-32491-12 MS	BH25-26 2'	Total/NA	Solid	8021B	34187

QC Association Summary

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Analysis Batch: 34524 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-12 MSD	BH25-26 2'	Total/NA	Solid	8021B	34187

GC Semi VOA

Prep Batch: 34295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-1	BH25-23 0'	Total/NA	Solid	SHAKE	
885-32491-2	BH25-23 1'	Total/NA	Solid	SHAKE	
885-32491-3	BH25-23 2'	Total/NA	Solid	SHAKE	
885-32491-4	BH25-24 0'	Total/NA	Solid	SHAKE	
885-32491-5	BH25-24 1'	Total/NA	Solid	SHAKE	
885-32491-6	BH25-24 2'	Total/NA	Solid	SHAKE	
885-32491-7	BH25-25 0'	Total/NA	Solid	SHAKE	
885-32491-8	BH25-25 1'	Total/NA	Solid	SHAKE	
885-32491-9	BH25-25 2'	Total/NA	Solid	SHAKE	
885-32491-10	BH25-26 0'	Total/NA	Solid	SHAKE	
885-32491-11	BH25-26 1'	Total/NA	Solid	SHAKE	
885-32491-12	BH25-26 2'	Total/NA	Solid	SHAKE	
885-32491-13	BH25-27 0'	Total/NA	Solid	SHAKE	
MB 885-34295/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34295/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-32491-13 MS	BH25-27 0'	Total/NA	Solid	SHAKE	
885-32491-13 MSD	BH25-27 0'	Total/NA	Solid	SHAKE	

Analysis Batch: 34317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-14	BH25-27 1'	Total/NA	Solid	8015M/D	34372
885-32491-15	BH25-27 2'	Total/NA	Solid	8015M/D	34372
MB 885-34372/1-A	Method Blank	Total/NA	Solid	8015M/D	34372
LCS 885-34372/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34372
885-32491-14 MS	BH25-27 1'	Total/NA	Solid	8015M/D	34372
885-32491-14 MSD	BH25-27 1'	Total/NA	Solid	8015M/D	34372

Analysis Batch: 34322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-1	BH25-23 0'	Total/NA	Solid	8015M/D	34295
885-32491-2	BH25-23 1'	Total/NA	Solid	8015M/D	34295
885-32491-3	BH25-23 2'	Total/NA	Solid	8015M/D	34295
885-32491-4	BH25-24 0'	Total/NA	Solid	8015M/D	34295
885-32491-5	BH25-24 1'	Total/NA	Solid	8015M/D	34295
885-32491-6	BH25-24 2'	Total/NA	Solid	8015M/D	34295
885-32491-7	BH25-25 0'	Total/NA	Solid	8015M/D	34295
885-32491-8	BH25-25 1'	Total/NA	Solid	8015M/D	34295
885-32491-9	BH25-25 2'	Total/NA	Solid	8015M/D	34295
885-32491-10	BH25-26 0'	Total/NA	Solid	8015M/D	34295
885-32491-11	BH25-26 1'	Total/NA	Solid	8015M/D	34295
885-32491-12	BH25-26 2'	Total/NA	Solid	8015M/D	34295
885-32491-13	BH25-27 0'	Total/NA	Solid	8015M/D	34295
MB 885-34295/1-A	Method Blank	Total/NA	Solid	8015M/D	34295
LCS 885-34295/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34295
885-32491-13 MS	BH25-27 0'	Total/NA	Solid	8015M/D	34295

QC Association Summary

Client: Vertex Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

GC Semi VOA (Continued)

Analysis Batch: 34322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-13 MSD	BH25-27 0'	Total/NA	Solid	8015M/D	34295

Prep Batch: 34372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-14	BH25-27 1'	Total/NA	Solid	SHAKE	
885-32491-15	BH25-27 2'	Total/NA	Solid	SHAKE	
MB 885-34372/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34372/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-32491-14 MS	BH25-27 1'	Total/NA	Solid	SHAKE	
885-32491-14 MSD	BH25-27 1'	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 34251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-1	BH25-23 0'	Total/NA	Solid	300.0	34253
885-32491-2	BH25-23 1'	Total/NA	Solid	300.0	34253
885-32491-3	BH25-23 2'	Total/NA	Solid	300.0	34253
885-32491-4	BH25-24 0'	Total/NA	Solid	300.0	34253
885-32491-5	BH25-24 1'	Total/NA	Solid	300.0	34253
885-32491-6	BH25-24 2'	Total/NA	Solid	300.0	34253
885-32491-7	BH25-25 0'	Total/NA	Solid	300.0	34253
885-32491-8	BH25-25 1'	Total/NA	Solid	300.0	34253
885-32491-9	BH25-25 2'	Total/NA	Solid	300.0	34253
885-32491-10	BH25-26 0'	Total/NA	Solid	300.0	34253
885-32491-11	BH25-26 1'	Total/NA	Solid	300.0	34282
885-32491-12	BH25-26 2'	Total/NA	Solid	300.0	34282
885-32491-13	BH25-27 0'	Total/NA	Solid	300.0	34282
885-32491-14	BH25-27 1'	Total/NA	Solid	300.0	34282
885-32491-15	BH25-27 2'	Total/NA	Solid	300.0	34282
MB 885-34253/1-A	Method Blank	Total/NA	Solid	300.0	34253
MB 885-34282/1-A	Method Blank	Total/NA	Solid	300.0	34282
LCS 885-34253/2-A	Lab Control Sample	Total/NA	Solid	300.0	34253
LCS 885-34282/2-A	Lab Control Sample	Total/NA	Solid	300.0	34282
885-32491-11 MS	BH25-26 1'	Total/NA	Solid	300.0	34282
885-32491-11 MSD	BH25-26 1'	Total/NA	Solid	300.0	34282
885-32491-12 MS	BH25-26 2'	Total/NA	Solid	300.0	34282
885-32491-12 MSD	BH25-26 2'	Total/NA	Solid	300.0	34282

Prep Batch: 34253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-1	BH25-23 0'	Total/NA	Solid	300_Prep	
885-32491-2	BH25-23 1'	Total/NA	Solid	300_Prep	
885-32491-3	BH25-23 2'	Total/NA	Solid	300_Prep	
885-32491-4	BH25-24 0'	Total/NA	Solid	300_Prep	
885-32491-5	BH25-24 1'	Total/NA	Solid	300_Prep	
885-32491-6	BH25-24 2'	Total/NA	Solid	300_Prep	
885-32491-7	BH25-25 0'	Total/NA	Solid	300_Prep	
885-32491-8	BH25-25 1'	Total/NA	Solid	300_Prep	
885-32491-9	BH25-25 2'	Total/NA	Solid	300_Prep	
885-32491-10	BH25-26 0'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

HPLC/IC (Continued)

Prep Batch: 34253 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-34253/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-34253/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 34282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32491-11	BH25-26 1'	Total/NA	Solid	300_Prep	
885-32491-12	BH25-26 2'	Total/NA	Solid	300_Prep	
885-32491-13	BH25-27 0'	Total/NA	Solid	300_Prep	
885-32491-14	BH25-27 1'	Total/NA	Solid	300_Prep	
885-32491-15	BH25-27 2'	Total/NA	Solid	300_Prep	
MB 885-34282/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-34282/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-32491-11 MS	BH25-26 1'	Total/NA	Solid	300_Prep	
885-32491-11 MSD	BH25-26 1'	Total/NA	Solid	300_Prep	
885-32491-12 MS	BH25-26 2'	Total/NA	Solid	300_Prep	
885-32491-12 MSD	BH25-26 2'	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Vertex Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-23 0' Lab Sample ID: 885-32491-1

Date Collected: 08/30/25 09:00 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/08/25 22:58
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/08/25 22:58
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		10	34322	BZR	EET ALB	09/12/25 01:54
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 16:48

Client Sample ID: BH25-23 1' Lab Sample ID: 885-32491-2

Date Collected: 08/30/25 09:05 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/08/25 23:19
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/08/25 23:19
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		10	34322	BZR	EET ALB	09/12/25 02:18
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 17:21

Client Sample ID: BH25-23 2' Lab Sample ID: 885-32491-3

Date Collected: 08/30/25 09:10 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/08/25 23:41
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/08/25 23:41
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 03:06
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 17:32

Client Sample ID: BH25-24 0' Lab Sample ID: 885-32491-4

Date Collected: 08/30/25 10:00 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/09/25 00:25

Lab Chronicle

Client: Vertex Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-24 0' Lab Sample ID: 885-32491-4

Date Collected: 08/30/25 10:00 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/09/25 00:25
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 03:30
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 17:42

Client Sample ID: BH25-24 1' Lab Sample ID: 885-32491-5

Date Collected: 08/30/25 10:05 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8015M/D		1	34192	AT	EET ALB	09/09/25 00:46
Total/NA	Prep	5030C			34005	CM	EET ALB	09/05/25 14:47
Total/NA	Analysis	8021B		1	34193	AT	EET ALB	09/09/25 00:46
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 03:54
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 17:53

Client Sample ID: BH25-24 2' Lab Sample ID: 885-32491-6

Date Collected: 08/30/25 10:10 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8015M/D		1	34399	AT	EET ALB	09/10/25 21:23
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8021B		1	34400	AT	EET ALB	09/10/25 21:23
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 04:17
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 18:04

Client Sample ID: BH25-25 0' Lab Sample ID: 885-32491-7

Date Collected: 08/30/25 10:45 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8015M/D		1	34399	AT	EET ALB	09/10/25 22:33
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8021B		1	34400	AT	EET ALB	09/10/25 22:33

Lab Chronicle

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-25 0'
Lab Sample ID: 885-32491-7
Date Collected: 08/30/25 10:45
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 04:41
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 18:15

Client Sample ID: BH25-25 1'
Lab Sample ID: 885-32491-8
Date Collected: 08/30/25 10:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8015M/D		1	34399	AT	EET ALB	09/10/25 23:44
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8021B		1	34400	AT	EET ALB	09/10/25 23:44
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 05:05
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 18:26

Client Sample ID: BH25-25 2'
Lab Sample ID: 885-32491-9
Date Collected: 08/30/25 10:55
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8015M/D		1	34399	AT	EET ALB	09/11/25 00:08
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8021B		1	34400	AT	EET ALB	09/11/25 00:08
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 05:29
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 18:37

Client Sample ID: BH25-26 0'
Lab Sample ID: 885-32491-10
Date Collected: 08/30/25 11:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8015M/D		1	34399	AT	EET ALB	09/11/25 00:32
Total/NA	Prep	5030C			34120	AT	EET ALB	09/08/25 10:05
Total/NA	Analysis	8021B		1	34400	AT	EET ALB	09/11/25 00:32
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 05:52

Lab Chronicle

Client: Vertex Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-26 0' Lab Sample ID: 885-32491-10

Date Collected: 08/30/25 11:00 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			34253	KB	EET ALB	09/09/25 11:21
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 18:48

Client Sample ID: BH25-26 1' Lab Sample ID: 885-32491-11

Date Collected: 08/30/25 11:05 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8015M/D		1	34523	AT	EET ALB	09/12/25 03:11
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8021B		1	34524	AT	EET ALB	09/12/25 03:11
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 06:16
Total/NA	Prep	300_Prep			34282	KB	EET ALB	09/09/25 14:52
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 19:42

Client Sample ID: BH25-26 2' Lab Sample ID: 885-32491-12

Date Collected: 08/30/25 11:10 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8015M/D		1	34523	AT	EET ALB	09/12/25 04:16
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8021B		1	34524	AT	EET ALB	09/12/25 04:16
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 06:39
Total/NA	Prep	300_Prep			34282	KB	EET ALB	09/09/25 14:52
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 20:14

Client Sample ID: BH25-27 0' Lab Sample ID: 885-32491-13

Date Collected: 08/30/25 13:45 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8015M/D		1	34523	AT	EET ALB	09/12/25 05:22
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8021B		1	34524	AT	EET ALB	09/12/25 05:22
Total/NA	Prep	SHAKE			34295	BZR	EET ALB	09/09/25 16:00
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/12/25 07:02
Total/NA	Prep	300_Prep			34282	KB	EET ALB	09/09/25 14:52
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 20:47

Lab Chronicle

Client: Vertex
Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-27 1'
Lab Sample ID: 885-32491-14
Date Collected: 08/30/25 13:50
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8015M/D		1	34523	AT	EET ALB	09/12/25 05:44
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8021B		1	34524	AT	EET ALB	09/12/25 05:44
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/10/25 22:43
Total/NA	Prep	300_Prep			34282	KB	EET ALB	09/09/25 14:52
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 20:58

Client Sample ID: BH25-27 2'
Lab Sample ID: 885-32491-15
Date Collected: 08/30/25 13:55
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8015M/D		1	34523	AT	EET ALB	09/12/25 06:06
Total/NA	Prep	5030C			34187	CM	EET ALB	09/08/25 14:18
Total/NA	Analysis	8021B		1	34524	AT	EET ALB	09/12/25 06:06
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/10/25 23:20
Total/NA	Prep	300_Prep			34282	KB	EET ALB	09/09/25 14:52
Total/NA	Analysis	300.0		10	34251	KB	EET ALB	09/09/25 21:30

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-32491-1
Project/Site: North Pure Gold 9 Federal #001

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 5-day Rush

Project Name:

North Pure Gold 9 Federal #001

Project #:

25A-01165

Project Manager:

Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☒ Yes ☐ No chucky

# of Coolers: 1

Cooler Temp(including CF): 2.5+0.2=2.7°

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM

Tel. 505-345-3975 Fax 505-345-4

885-32491 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08.30.25	09:00	Soil	BH25-23 0'	1, 4oz jar		1	X	X					X			
08.30.25	9:05	Soil	BH25-23 1'	1, 4oz jar		2	X	X					X			
08.30.25	9:10	Soil	BH25-23 2'	1, 4oz jar		3	X	X					X			
08.30.25	10:00	Soil	BH25-24 0'	1, 4oz jar		4	X	X					X			
08.30.25	10:05	Soil	BH25-24 1'	1, 4oz jar		5	X	X					X			
08.30.25	10:10	Soil	BH25-24 2'	1, 4oz jar		6	X	X					X			
08.30.25	10:45	Soil	BH25-25 0'	1, 4oz jar		7	X	X					X			
08.30.25	10:50	Soil	BH25-25 1'	1, 4oz jar		8	X	X					X			
08.30.25	10:55	Soil	BH25-25 2'	1, 4oz jar		9	X	X					X			
08.30.25	11:00	Soil	BH25-26 0'	1, 4oz jar		10	X	X					X			
08.30.25	11:05	Soil	BH25-26 1'	1, 4oz jar		11	X	X					X			
08.30.25	11:10	Soil	BH25-26 2'	1, 4oz jar		12	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-2-25	07:00	Jake Pullman			9/3/25	700
9/3/25	1900			Courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 5-day Rush

Project Name:

North Pure Gold 9 Federal #001

Project #:

25A-01165

Project Manager:

Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☒ Yes ☐ No chuck

# of Coolers: 1

Cooler Temp (including CF): 2.5+0.2=2.7 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08.30.25	13:45	Soil	BH25-27 0'	1, 4oz jar		13	X	X					X			
08.30.25	13:50	Soil	BH25-27 1'	1, 4oz jar		14	X	X					X			
08.30.25	13:55	Soil	BH25-27 2'	1, 4oz jar		15	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-2-25	07:00	Jake Pullman				
9/3/25	1910			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

2/2

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-32491-1

Login Number: 32491 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 9/15/2025 5:38:06 PM

JOB DESCRIPTION

North Pure Gold 9 Federal #001

JOB NUMBER

885-32501-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 5/4/2026 3:49:54 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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9/15/2025 5:38:06 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Laboratory Job ID: 885-32501-1

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Definitions/Glossary

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex Job ID: 885-32501-1
Project: North Pure Gold 9 Federal #001

Job ID: 885-32501-1 Eurofins Albuquerque

Job Narrative
885-32501-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/4/2025 8:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Gasoline Range Organics
Method 8015D_GRO: MS and MSD recovery % low, LCS is within acceptable range. Analyst spiking error

(885-32501-A-1-B MS) and (885-32501-A-1-C MSD)

Method 8015D_GRO: Surrogate recovery for the following samples were outside control limits: BH25-31 1' (885-32501-11) and BH25-31 2' (885-32501-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: BH25-31 1' (885-32501-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The following samples required a dilution due to the nature of the sample matrix: BH25-31 0' (885-32501-10), BH25-31 1' (885-32501-11) and BH25-31 2' (885-32501-12). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8015D_DRO: The following samples were diluted to bring the concentration of target analytes within the calibration range: BH25-31 0' (885-32501-10), BH25-31 1' (885-32501-11) and BH25-31 2' (885-32501-12). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-28 0'
Lab Sample ID: 885-32501-1
Date Collected: 08/31/25 08:15
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	F1	5.0		mg/Kg		09/04/25 16:50	09/11/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/04/25 16:50*	*09/11/25 06:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 16:50	09/11/25 06:18	1
Ethylbenzene	ND		0.050		mg/Kg		09/04/25 16:50	09/11/25 06:18	1
Toluene	ND		0.050		mg/Kg		09/04/25 16:50	09/11/25 06:18	1
Xylenes, Total	ND		0.099		mg/Kg		09/04/25 16:50	09/11/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 16:50*	*09/11/25 06:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		09/10/25 08:27	09/10/25 12:20	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		09/10/25 08:27	09/10/25 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*09/10/25 08:27*	*09/10/25 12:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 09:57	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-28 1'
Lab Sample ID: 885-32501-2
Date Collected: 08/31/25 08:20
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 16:50	09/11/25 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 16:50*	*09/11/25 07:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 07:23	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 07:23	1
Toluene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 07:23	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 16:50	09/11/25 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 16:50*	*09/11/25 07:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/10/25 08:27	09/10/25 13:30	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/10/25 08:27	09/10/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*09/10/25 08:27*	*09/10/25 13:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 10:51	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-28 2'
Lab Sample ID: 885-32501-3
Date Collected: 08/31/25 08:25
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 16:50	09/11/25 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 16:50*	*09/11/25 08:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 08:28	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 08:28	1
Toluene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 08:28	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 16:50	09/11/25 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 16:50*	*09/11/25 08:28*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/10/25 08:27	09/10/25 13:54	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/10/25 08:27	09/10/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*09/10/25 08:27*	*09/10/25 13:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 11:24	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-29 0'
Lab Sample ID: 885-32501-4
Date Collected: 08/31/25 08:30
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/04/25 16:50	09/11/25 08:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 08:50*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 08:50	1
Ethylbenzene	ND		0.049		mg/Kg		09/04/25 16:50	09/11/25 08:50	1
Toluene	ND		0.049		mg/Kg		09/04/25 16:50	09/11/25 08:50	1
Xylenes, Total	ND		0.098		mg/Kg		09/04/25 16:50	09/11/25 08:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 16:50*	*09/11/25 08:50*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		09/10/25 08:27	09/10/25 14:17	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/10/25 08:27	09/10/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*09/10/25 08:27*	*09/10/25 14:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78**		51		mg/Kg		09/05/25 07:20	09/05/25 11:35	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-29 1'
Lab Sample ID: 885-32501-5
Date Collected: 08/31/25 08:35
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		09/04/25 16:50	09/11/25 09:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 16:50*	*09/11/25 09:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 09:12	1
Ethylbenzene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 09:12	1
Toluene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 09:12	1
Xylenes, Total	ND		0.091		mg/Kg		09/04/25 16:50	09/11/25 09:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 16:50*	*09/11/25 09:12*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		09/10/25 08:27	09/10/25 14:41	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		09/10/25 08:27	09/10/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*09/10/25 08:27*	*09/10/25 14:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		09/05/25 07:20	09/05/25 11:45	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-29 2'
Lab Sample ID: 885-32501-6
Date Collected: 08/31/25 08:40
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/04/25 16:50	09/11/25 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 15:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 15:51	1
Ethylbenzene	ND		0.049		mg/Kg		09/04/25 16:50	09/11/25 15:51	1
Toluene	ND		0.049		mg/Kg		09/04/25 16:50	09/11/25 15:51	1
Xylenes, Total	ND		0.097		mg/Kg		09/04/25 16:50	09/11/25 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 16:50*	*09/11/25 15:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		09/10/25 08:27	09/10/25 15:07	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 08:27	09/10/25 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*09/10/25 08:27*	*09/10/25 15:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		50		mg/Kg		09/05/25 07:20	09/05/25 11:56	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-30 0'
Lab Sample ID: 885-32501-7
Date Collected: 08/31/25 08:45
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 16:50	09/11/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 16:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 16:12	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 16:12	1
Toluene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 16:12	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 16:50	09/11/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 16:50*	*09/11/25 16:12*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/10/25 08:27	09/10/25 15:31	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/10/25 08:27	09/10/25 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*09/10/25 08:27*	*09/10/25 15:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57**		50		mg/Kg		09/05/25 07:20	09/05/25 12:07	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-30 1'
Lab Sample ID: 885-32501-8
Date Collected: 08/31/25 08:50
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		09/04/25 16:50	09/11/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*09/04/25 16:50*	*09/11/25 17:24*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 17:24	1
Ethylbenzene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 17:24	1
Toluene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 17:24	1
Xylenes, Total	ND		0.091		mg/Kg		09/04/25 16:50	09/11/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*09/04/25 16:50*	*09/11/25 17:24*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		09/10/25 08:27	09/10/25 16:18	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/10/25 08:27	09/10/25 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*09/10/25 08:27*	*09/10/25 16:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		50		mg/Kg		09/05/25 07:20	09/05/25 12:40	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-30 2'
Lab Sample ID: 885-32501-9
Date Collected: 08/31/25 08:55
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 16:50	09/11/25 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 17:46*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 17:46	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 16:50	09/11/25 17:46	1
Toluene	ND		0.047		mg/Kg		09/04/25 16:50	09/11/25 17:46	1
Xylenes, Total	ND		0.093		mg/Kg		09/04/25 16:50	09/11/25 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 16:50*	*09/11/25 17:46*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/10/25 08:27	09/10/25 16:42	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/10/25 08:27	09/10/25 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*09/10/25 08:27*	*09/10/25 16:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 12:51	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 0'
Lab Sample ID: 885-32501-10
Date Collected: 08/31/25 09:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	9.1		4.7		mg/Kg		09/04/25 16:50	09/11/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*09/04/25 16:50*	*09/11/25 18:07*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 18:07	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 16:50	09/11/25 18:07	1
Toluene	ND		0.047		mg/Kg		09/04/25 16:50	09/11/25 18:07	1
Xylenes, Total	ND		0.094		mg/Kg		09/04/25 16:50	09/11/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 18:07*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	7500		93		mg/Kg		09/10/25 08:27	09/10/25 17:05	10
Motor Oil Range Organics [C28-C40]	4500		470		mg/Kg		09/10/25 08:27	09/10/25 17:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*09/10/25 08:27*	*09/10/25 17:05*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		50		mg/Kg		09/05/25 07:20	09/05/25 13:01	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 1'
Lab Sample ID: 885-32501-11
Date Collected: 08/31/25 09:02
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**57**		4.6		mg/Kg		09/04/25 16:50	09/11/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*15 - 150*	*09/04/25 16:50*	*09/11/25 18:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 18:29	1
Ethylbenzene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 18:29	1
Toluene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 18:29	1
Xylenes, Total	**0.61**		0.093		mg/Kg		09/04/25 16:50	09/11/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*15 - 150*	*09/04/25 16:50*	*09/11/25 18:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**6100**		95		mg/Kg		09/10/25 08:27	09/10/25 17:29	10
Motor Oil Range Organics [C28-C40]	**3500**		480		mg/Kg		09/10/25 08:27	09/10/25 17:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*09/10/25 08:27*	*09/10/25 17:29*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57**		50		mg/Kg		09/05/25 07:20	09/05/25 13:12	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 2'
Lab Sample ID: 885-32501-12
Date Collected: 08/31/25 09:05
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**87**		4.9		mg/Kg		09/04/25 16:50	09/11/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*180*	*S1+*	*15 - 150*	*09/04/25 16:50*	*09/11/25 19:13*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 19:13	1
Ethylbenzene	**0.052**		0.049		mg/Kg		09/04/25 16:50	09/11/25 19:13	1
Toluene	ND		0.049		mg/Kg		09/04/25 16:50	09/11/25 19:13	1
Xylenes, Total	**0.74**		0.097		mg/Kg		09/04/25 16:50	09/11/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*		*15 - 150*	*09/04/25 16:50*	*09/11/25 19:13*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4700**		91		mg/Kg		09/10/25 08:27	09/10/25 17:53	10
Motor Oil Range Organics [C28-C40]	**2900**		450		mg/Kg		09/10/25 08:27	09/10/25 17:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*0*	*S1- D*	*62 - 134*	*09/10/25 08:27*	*09/10/25 17:53*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 13:23	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 3'
Lab Sample ID: 885-32501-13
Date Collected: 08/31/25 09:07
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		09/04/25 16:50	09/11/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*09/04/25 16:50*	*09/11/25 19:35*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 19:35	1
Ethylbenzene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 19:35	1
Toluene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 19:35	1
Xylenes, Total	ND		0.093		mg/Kg		09/04/25 16:50	09/11/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 16:50*	*09/11/25 19:35*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**230**		9.2		mg/Kg		09/10/25 08:27	09/11/25 15:12	1
Motor Oil Range Organics [C28-C40]	**130**		46		mg/Kg		09/10/25 08:27	09/11/25 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*09/10/25 08:27*	*09/11/25 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58**		50		mg/Kg		09/05/25 07:20	09/05/25 13:34	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 4'
Lab Sample ID: 885-32501-14
Date Collected: 08/31/25 09:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 16:50	09/11/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 16:50*	*09/11/25 19:56*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 19:56	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 19:56	1
Toluene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 19:56	1
Xylenes, Total	ND		0.095		mg/Kg		09/04/25 16:50	09/11/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 16:50*	*09/11/25 19:56*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**110**		9.3		mg/Kg		09/10/25 08:27	09/11/25 15:36	1
Motor Oil Range Organics [C28-C40]	**87**		47		mg/Kg		09/10/25 08:27	09/11/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*09/10/25 08:27*	*09/11/25 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77**		51		mg/Kg		09/05/25 07:20	09/05/25 13:45	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 5'
Date Collected: 08/31/25 09:12
Date Received: 09/04/25 08:10

Lab Sample ID: 885-32501-15
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 16:50	09/11/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 16:50*	*09/11/25 20:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 20:18	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 20:18	1
Toluene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 20:18	1
Xylenes, Total	ND		0.097		mg/Kg		09/04/25 16:50	09/11/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 16:50*	*09/11/25 20:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/10/25 08:27	09/10/25 19:05	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/10/25 08:27	09/10/25 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*09/10/25 08:27*	*09/10/25 19:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50**		49		mg/Kg		09/05/25 07:20	09/05/25 13:56	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 6'
Lab Sample ID: 885-32501-16
Date Collected: 08/31/25 09:15
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		09/04/25 16:50	09/11/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 16:50*	*09/11/25 20:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 20:39	1
Ethylbenzene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 20:39	1
Toluene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 20:39	1
Xylenes, Total	ND		0.092		mg/Kg		09/04/25 16:50	09/11/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*15 - 150*	*09/04/25 16:50*	*09/11/25 20:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		09/10/25 08:27	09/10/25 19:28	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/10/25 08:27	09/10/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*09/10/25 08:27*	*09/10/25 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 14:06	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 7'
Lab Sample ID: 885-32501-17
Date Collected: 08/31/25 09:17
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/04/25 16:50	09/11/25 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 16:50*	*09/11/25 21:01*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 16:50	09/11/25 21:01	1
Ethylbenzene	ND		0.050		mg/Kg		09/04/25 16:50	09/11/25 21:01	1
Toluene	ND		0.050		mg/Kg		09/04/25 16:50	09/11/25 21:01	1
Xylenes, Total	ND		0.099		mg/Kg		09/04/25 16:50	09/11/25 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 16:50*	*09/11/25 21:01*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**10**		9.6		mg/Kg		09/10/25 08:27	09/10/25 19:52	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/10/25 08:27	09/10/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*09/10/25 08:27*	*09/10/25 19:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 14:17	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 8'
Lab Sample ID: 885-32501-18
Date Collected: 08/31/25 09:20
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		09/04/25 16:50	09/11/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 16:50*	*09/11/25 21:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 21:23	1
Ethylbenzene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 21:23	1
Toluene	ND		0.046		mg/Kg		09/04/25 16:50	09/11/25 21:23	1
Xylenes, Total	ND		0.092		mg/Kg		09/04/25 16:50	09/11/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 16:50*	*09/11/25 21:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		09/10/25 08:27	09/10/25 20:16	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		09/10/25 08:27	09/10/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*09/10/25 08:27*	*09/10/25 20:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 14:50	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 0'
Lab Sample ID: 885-32501-19
Date Collected: 08/31/25 09:25
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 16:50	09/11/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 21:44*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 16:50	09/11/25 21:44	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 21:44	1
Toluene	ND		0.048		mg/Kg		09/04/25 16:50	09/11/25 21:44	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 16:50	09/11/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 16:50*	*09/11/25 21:44*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**23**		9.9		mg/Kg		09/10/25 08:27	09/10/25 20:40	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 08:27	09/10/25 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*09/10/25 08:27*	*09/10/25 20:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 07:20	09/05/25 15:01	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 1'
Lab Sample ID: 885-32501-20
Date Collected: 08/31/25 09:27
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 16:50	09/11/25 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/04/25 16:50*	*09/11/25 22:06*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 16:50	09/11/25 22:06	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 16:50	09/11/25 22:06	1
Toluene	ND		0.047		mg/Kg		09/04/25 16:50	09/11/25 22:06	1
Xylenes, Total	ND		0.093		mg/Kg		09/04/25 16:50	09/11/25 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 22:06*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		09/10/25 08:27	09/10/25 21:03	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 08:27	09/10/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*09/10/25 08:27*	*09/10/25 21:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		09/05/25 07:20	09/05/25 15:12	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 2'
Lab Sample ID: 885-32501-21
Date Collected: 08/31/25 09:30
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	F1	4.7		mg/Kg		09/04/25 15:58	09/06/25 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 15:58*	*09/06/25 02:42*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 15:58	09/06/25 02:42	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 02:42	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 02:42	1
Xylenes, Total	ND		0.093		mg/Kg		09/04/25 15:58	09/06/25 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 15:58*	*09/06/25 02:42*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/10/25 13:31	09/10/25 23:33	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/10/25 13:31	09/10/25 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/10/25 13:31*	*09/10/25 23:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 08:07	09/05/25 15:22	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 3'
Lab Sample ID: 885-32501-22
Date Collected: 08/31/25 09:33
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/04/25 15:58	09/06/25 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 15:58*	*09/06/25 03:48*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 15:58	09/06/25 03:48	1
Ethylbenzene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 03:48	1
Toluene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 03:48	1
Xylenes, Total	ND		0.10		mg/Kg		09/04/25 15:58	09/06/25 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 03:48*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		09/10/25 13:31	09/10/25 23:45	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 13:31	09/10/25 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/10/25 13:31*	*09/10/25 23:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 08:07	09/05/25 15:55	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 4'
Lab Sample ID: 885-32501-23
Date Collected: 08/31/25 09:35
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/04/25 15:58	09/06/25 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 04:53*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 15:58	09/06/25 04:53	1
Ethylbenzene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 04:53	1
Toluene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 04:53	1
Xylenes, Total	ND		0.099		mg/Kg		09/04/25 15:58	09/06/25 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 04:53*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		09/10/25 13:31	09/10/25 23:58	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 13:31	09/10/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*09/10/25 13:31*	*09/10/25 23:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 08:07	09/05/25 16:27	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 5'
Lab Sample ID: 885-32501-24
Date Collected: 08/31/25 09:37
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 15:58	09/06/25 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 05:15*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 05:15	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 05:15	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 05:15	1
Xylenes, Total	ND		0.094		mg/Kg		09/04/25 15:58	09/06/25 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 05:15*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		09/10/25 13:31	09/11/25 00:10	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		09/10/25 13:31	09/11/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*09/10/25 13:31*	*09/11/25 00:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 08:07	09/05/25 17:00	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 6'
Lab Sample ID: 885-32501-25
Date Collected: 08/31/25 09:40
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/04/25 15:58	09/06/25 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 05:37*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 15:58	09/06/25 05:37	1
Ethylbenzene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 05:37	1
Toluene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 05:37	1
Xylenes, Total	ND		0.10		mg/Kg		09/04/25 15:58	09/06/25 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*09/04/25 15:58*	*09/06/25 05:37*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/10/25 13:31	09/11/25 00:23	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 13:31	09/11/25 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*09/10/25 13:31*	*09/11/25 00:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 08:07	09/05/25 17:11	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 7'
Lab Sample ID: 885-32501-26
Date Collected: 08/31/25 09:42
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/04/25 15:58	09/06/25 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 05:59*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 05:59	1
Ethylbenzene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 05:59	1
Toluene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 05:59	1
Xylenes, Total	ND		0.097		mg/Kg		09/04/25 15:58	09/06/25 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 05:59*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		09/10/25 13:31	09/11/25 00:48	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 13:31	09/11/25 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*09/10/25 13:31*	*09/11/25 00:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 08:07	09/05/25 17:22	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 8'
Lab Sample ID: 885-32501-27
Date Collected: 08/31/25 09:45
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 15:58	09/06/25 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*09/04/25 15:58*	*09/06/25 06:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		09/04/25 15:58	09/06/25 06:21	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 06:21	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 06:21	1
Xylenes, Total	ND		0.094		mg/Kg		09/04/25 15:58	09/06/25 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 15:58*	*09/06/25 06:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/10/25 13:31	09/11/25 01:00	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 13:31	09/11/25 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*09/10/25 13:31*	*09/11/25 01:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		09/05/25 08:07	09/05/25 17:32	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-33 0'
Lab Sample ID: 885-32501-28
Date Collected: 08/31/25 10:00
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		09/04/25 15:58	09/06/25 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*09/04/25 15:58*	*09/06/25 06:43*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 06:43	1
Ethylbenzene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 06:43	1
Toluene	ND		0.048		mg/Kg		09/04/25 15:58	09/06/25 06:43	1
Xylenes, Total	ND		0.096		mg/Kg		09/04/25 15:58	09/06/25 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 15:58*	*09/06/25 06:43*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		09/10/25 13:31	09/11/25 01:13	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		09/10/25 13:31	09/11/25 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*09/10/25 13:31*	*09/11/25 01:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96**		50		mg/Kg		09/05/25 08:07	09/05/25 17:43	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-33 1'
Lab Sample ID: 885-32501-29
Date Collected: 08/31/25 10:05
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		09/04/25 15:58	09/06/25 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 15:58*	*09/06/25 07:05*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 15:58	09/06/25 07:05	1
Ethylbenzene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 07:05	1
Toluene	ND		0.049		mg/Kg		09/04/25 15:58	09/06/25 07:05	1
Xylenes, Total	ND		0.099		mg/Kg		09/04/25 15:58	09/06/25 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*09/04/25 15:58*	*09/06/25 07:05*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/10/25 13:31	09/11/25 01:25	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/10/25 13:31	09/11/25 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*09/10/25 13:31*	*09/11/25 01:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94**		50		mg/Kg		09/05/25 08:07	09/05/25 17:54	10

Client Sample Results

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-33 2'
Lab Sample ID: 885-32501-30
Date Collected: 08/31/25 10:10
Matrix: Solid
Date Received: 09/04/25 08:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		09/04/25 15:58	09/06/25 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 15:58*	*09/06/25 07:26*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		09/04/25 15:58	09/06/25 07:26	1
Ethylbenzene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 07:26	1
Toluene	ND		0.047		mg/Kg		09/04/25 15:58	09/06/25 07:26	1
Xylenes, Total	ND		0.095		mg/Kg		09/04/25 15:58	09/06/25 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 15:58*	*09/06/25 07:26*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		09/10/25 13:31	09/11/25 01:37	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		09/10/25 13:31	09/11/25 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*09/10/25 13:31*	*09/11/25 01:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		50		mg/Kg		09/05/25 08:07	09/05/25 18:05	10

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-33903/1-A
Matrix: Solid
Analysis Batch: 34029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33903

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/04/25 15:58	09/06/25 02:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*09/04/25 15:58*	*09/06/25 02:20*	*1*

Lab Sample ID: 885-32501-21 MS
Matrix: Solid
Analysis Batch: 34029

Client Sample ID: BH25-32 2'
Prep Type: Total/NA
Prep Batch: 33903

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND	F1	23.1	16.5		mg/Kg		71	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*187*		*15 - 150*

Lab Sample ID: 885-32501-21 MSD
Matrix: Solid
Analysis Batch: 34029

Client Sample ID: BH25-32 2'
Prep Type: Total/NA
Prep Batch: 33903

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND	F1	23.4	15.6	F1	mg/Kg		66	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*182*		*15 - 150*

Lab Sample ID: MB 885-33910/1-A
Matrix: Solid
Analysis Batch: 34390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33910

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		09/04/25 16:50	09/11/25 05:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*09/04/25 16:50*	*09/11/25 05:56*	*1*

Lab Sample ID: LCS 885-33910/2-A
Matrix: Solid
Analysis Batch: 34390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33910

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			25.0	19.7		mg/Kg		79	70 - 130

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-33910/2-A
Matrix: Solid
Analysis Batch: 34390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33910

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	201		15 - 150

Lab Sample ID: 885-32501-1 MS
Matrix: Solid
Analysis Batch: 34390

Client Sample ID: BH25-28 0'
Prep Type: Total/NA
Prep Batch: 33910

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND	F1	24.7	16.2	F1	mg/Kg		66	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	176		15 - 150

Lab Sample ID: 885-32501-1 MSD
Matrix: Solid
Analysis Batch: 34390

Client Sample ID: BH25-28 0'
Prep Type: Total/NA
Prep Batch: 33910

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND	F1	24.7	15.8	F1	mg/Kg		64	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	178		15 - 150

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-33903/1-A
Matrix: Solid
Analysis Batch: 34028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33903

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 15:58	09/06/25 02:20	1
Ethylbenzene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 02:20	1
Toluene	ND		0.050		mg/Kg		09/04/25 15:58	09/06/25 02:20	1
Xylenes, Total	ND		0.10		mg/Kg		09/04/25 15:58	09/06/25 02:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150	09/04/25 15:58	09/06/25 02:20	1

Lab Sample ID: LCS 885-33903/3-A
Matrix: Solid
Analysis Batch: 34028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.04		mg/Kg		104	70 - 130
Ethylbenzene	1.00	1.02		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	2.00	2.04		mg/Kg		102	70 - 130
o-Xylene	1.00	1.01		mg/Kg		101	70 - 130

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-33903/3-A
Matrix: Solid
Analysis Batch: 34028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33903

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			1.00	1.02		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*

Lab Sample ID: 885-32501-22 MS
Matrix: Solid
Analysis Batch: 34028

Client Sample ID: BH25-32 3'
Prep Type: Total/NA
Prep Batch: 33903

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.986	0.995		mg/Kg		101	70 - 130		
Ethylbenzene	ND		0.986	0.985		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene	ND		1.97	1.96		mg/Kg		100	70 - 130		
o-Xylene	ND		0.986	0.988		mg/Kg		100	70 - 130		
Toluene	ND		0.986	0.978		mg/Kg		99	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*

Lab Sample ID: 885-32501-22 MSD
Matrix: Solid
Analysis Batch: 34028

Client Sample ID: BH25-32 3'
Prep Type: Total/NA
Prep Batch: 33903

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.991	1.08		mg/Kg		109	70 - 130	8	20
Ethylbenzene	ND		0.991	1.07		mg/Kg		108	70 - 130	8	20
m-Xylene & p-Xylene	ND		1.98	2.15		mg/Kg		109	70 - 130	9	20
o-Xylene	ND		0.991	1.06		mg/Kg		107	70 - 130	7	20
Toluene	ND		0.991	1.06		mg/Kg		107	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*

Lab Sample ID: MB 885-33910/1-A
Matrix: Solid
Analysis Batch: 34389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33910

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		09/04/25 16:50	09/11/25 05:56	1
Ethylbenzene	ND		0.050		mg/Kg		09/04/25 16:50	09/11/25 05:56	1
Toluene	ND		0.050		mg/Kg		09/04/25 16:50	09/11/25 05:56	1
Xylenes, Total	ND		0.10		mg/Kg		09/04/25 16:50	09/11/25 05:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*09/04/25 16:50*	*09/11/25 05:56*	*1*

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-33910/3-A
Matrix: Solid
Analysis Batch: 34389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33910

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.02		mg/Kg		102	70 - 130		
Ethylbenzene			1.00	1.00		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			2.00	2.00		mg/Kg		100	70 - 130		
o-Xylene			1.00	1.00		mg/Kg		100	70 - 130		
Toluene			1.00	0.996		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*

Lab Sample ID: 885-32501-2 MS
Matrix: Solid
Analysis Batch: 34389

Client Sample ID: BH25-28 1'
Prep Type: Total/NA
Prep Batch: 33910

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.946	0.933		mg/Kg		99	70 - 130		
Ethylbenzene	ND		0.946	0.905		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene	ND		1.89	1.81		mg/Kg		96	70 - 130		
o-Xylene	ND		0.946	0.908		mg/Kg		96	70 - 130		
Toluene	ND		0.946	0.914		mg/Kg		97	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*

Lab Sample ID: 885-32501-2 MSD
Matrix: Solid
Analysis Batch: 34389

Client Sample ID: BH25-28 1'
Prep Type: Total/NA
Prep Batch: 33910

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.944	0.936		mg/Kg		99	70 - 130	0	20
Ethylbenzene	ND		0.944	0.928		mg/Kg		98	70 - 130	3	20
m-Xylene & p-Xylene	ND		1.89	1.81		mg/Kg		96	70 - 130	0	20
o-Xylene	ND		0.944	0.920		mg/Kg		97	70 - 130	1	20
Toluene	ND		0.944	0.921		mg/Kg		97	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-34321/1-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34321

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/10/25 08:27	09/10/25 11:33	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/10/25 08:27	09/10/25 11:33	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-34321/1-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34321

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134	09/10/25 08:27	09/10/25 11:33	1

Lab Sample ID: LCS 885-34321/2-A
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34321

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	52.8		mg/Kg		106	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	102		62 - 134

Lab Sample ID: 885-32501-1 MS
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: BH25-28 0'
Prep Type: Total/NA
Prep Batch: 34321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.7	63.8		mg/Kg		131	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	131		62 - 134

Lab Sample ID: 885-32501-1 MSD
Matrix: Solid
Analysis Batch: 34322

Client Sample ID: BH25-28 0'
Prep Type: Total/NA
Prep Batch: 34321

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.2	49.3		mg/Kg		100	44 - 136	26	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	100		62 - 134

Lab Sample ID: MB 885-34372/1-A
Matrix: Solid
Analysis Batch: 34317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34372

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		09/10/25 13:31	09/10/25 22:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		09/10/25 13:31	09/10/25 22:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134	09/10/25 13:31	09/10/25 22:18	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-34372/2-A
Matrix: Solid
Analysis Batch: 34317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34372

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	54.4		mg/Kg		109	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-33901/3-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33901

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			4.92	5.27		mg/L		107	50 - 150		

Lab Sample ID: MB 885-33932/1-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33932

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/05/25 07:20	09/05/25 09:06	1

Lab Sample ID: LCS 885-33932/2-A
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33932

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.7	48.7		mg/Kg		98	90 - 110		

Lab Sample ID: 885-32501-1 MS
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-28 0'
Prep Type: Total/NA
Prep Batch: 33932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		50.2	75.1		mg/Kg		150	50 - 150		

Lab Sample ID: 885-32501-1 MSD
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-28 0'
Prep Type: Total/NA
Prep Batch: 33932

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.0	73.9		mg/Kg		148	50 - 150	2	20

Lab Sample ID: 885-32501-2 MS
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-28 1'
Prep Type: Total/NA
Prep Batch: 33932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		49.8	63.6		mg/Kg		NC	50 - 150		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-32501-2 MSD — **Client Sample ID: BH25-28 1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33936 — **Prep Batch: 33932**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.2	64.1		mg/Kg		128	50 - 150	1	20

Lab Sample ID: MB 885-33940/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33936 — **Prep Batch: 33940**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		09/05/25 08:07	09/05/25 09:27	1

Lab Sample ID: LCS 885-33940/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33936 — **Prep Batch: 33940**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.8	49.4		mg/Kg		99	90 - 110		

Lab Sample ID: 885-32501-21 MS — **Client Sample ID: BH25-32 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33936 — **Prep Batch: 33940**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		50.5	76.0		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-32501-21 MSD — **Client Sample ID: BH25-32 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33936 — **Prep Batch: 33940**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.3	74.7		mg/Kg		148	50 - 150	2	20

Lab Sample ID: 885-32501-22 MS — **Client Sample ID: BH25-32 3'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33936 — **Prep Batch: 33940**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		49.5	72.0		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-32501-22 MSD — **Client Sample ID: BH25-32 3'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33936 — **Prep Batch: 33940**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.5	72.8		mg/Kg		NC	50 - 150	1	20

QC Association Summary

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA

Prep Batch: 33903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-21	BH25-32 2'	Total/NA	Solid	5030C	
885-32501-22	BH25-32 3'	Total/NA	Solid	5030C	
885-32501-23	BH25-32 4'	Total/NA	Solid	5030C	
885-32501-24	BH25-32 5'	Total/NA	Solid	5030C	
885-32501-25	BH25-32 6'	Total/NA	Solid	5030C	
885-32501-26	BH25-32 7'	Total/NA	Solid	5030C	
885-32501-27	BH25-32 8'	Total/NA	Solid	5030C	
885-32501-28	BH25-33 0'	Total/NA	Solid	5030C	
885-32501-29	BH25-33 1'	Total/NA	Solid	5030C	
885-32501-30	BH25-33 2'	Total/NA	Solid	5030C	
MB 885-33903/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-33903/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-32501-21 MS	BH25-32 2'	Total/NA	Solid	5030C	
885-32501-21 MSD	BH25-32 2'	Total/NA	Solid	5030C	
885-32501-22 MS	BH25-32 3'	Total/NA	Solid	5030C	
885-32501-22 MSD	BH25-32 3'	Total/NA	Solid	5030C	

Prep Batch: 33910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1	BH25-28 0'	Total/NA	Solid	5030C	
885-32501-2	BH25-28 1'	Total/NA	Solid	5030C	
885-32501-3	BH25-28 2'	Total/NA	Solid	5030C	
885-32501-4	BH25-29 0'	Total/NA	Solid	5030C	
885-32501-5	BH25-29 1'	Total/NA	Solid	5030C	
885-32501-6	BH25-29 2'	Total/NA	Solid	5030C	
885-32501-7	BH25-30 0'	Total/NA	Solid	5030C	
885-32501-8	BH25-30 1'	Total/NA	Solid	5030C	
885-32501-9	BH25-30 2'	Total/NA	Solid	5030C	
885-32501-10	BH25-31 0'	Total/NA	Solid	5030C	
885-32501-11	BH25-31 1'	Total/NA	Solid	5030C	
885-32501-12	BH25-31 2'	Total/NA	Solid	5030C	
885-32501-13	BH25-31 3'	Total/NA	Solid	5030C	
885-32501-14	BH25-31 4'	Total/NA	Solid	5030C	
885-32501-15	BH25-31 5'	Total/NA	Solid	5030C	
885-32501-16	BH25-31 6'	Total/NA	Solid	5030C	
885-32501-17	BH25-31 7'	Total/NA	Solid	5030C	
885-32501-18	BH25-31 8'	Total/NA	Solid	5030C	
885-32501-19	BH25-32 0'	Total/NA	Solid	5030C	
885-32501-20	BH25-32 1'	Total/NA	Solid	5030C	
MB 885-33910/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-33910/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-33910/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-32501-1 MS	BH25-28 0'	Total/NA	Solid	5030C	
885-32501-1 MSD	BH25-28 0'	Total/NA	Solid	5030C	
885-32501-2 MS	BH25-28 1'	Total/NA	Solid	5030C	
885-32501-2 MSD	BH25-28 1'	Total/NA	Solid	5030C	

Analysis Batch: 34028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-21	BH25-32 2'	Total/NA	Solid	8021B	33903
885-32501-22	BH25-32 3'	Total/NA	Solid	8021B	33903

QC Association Summary

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Analysis Batch: 34028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-23	BH25-32 4'	Total/NA	Solid	8021B	33903
885-32501-24	BH25-32 5'	Total/NA	Solid	8021B	33903
885-32501-25	BH25-32 6'	Total/NA	Solid	8021B	33903
885-32501-26	BH25-32 7'	Total/NA	Solid	8021B	33903
885-32501-27	BH25-32 8'	Total/NA	Solid	8021B	33903
885-32501-28	BH25-33 0'	Total/NA	Solid	8021B	33903
885-32501-29	BH25-33 1'	Total/NA	Solid	8021B	33903
885-32501-30	BH25-33 2'	Total/NA	Solid	8021B	33903
MB 885-33903/1-A	Method Blank	Total/NA	Solid	8021B	33903
LCS 885-33903/3-A	Lab Control Sample	Total/NA	Solid	8021B	33903
885-32501-22 MS	BH25-32 3'	Total/NA	Solid	8021B	33903
885-32501-22 MSD	BH25-32 3'	Total/NA	Solid	8021B	33903

Analysis Batch: 34029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-21	BH25-32 2'	Total/NA	Solid	8015M/D	33903
885-32501-22	BH25-32 3'	Total/NA	Solid	8015M/D	33903
885-32501-23	BH25-32 4'	Total/NA	Solid	8015M/D	33903
885-32501-24	BH25-32 5'	Total/NA	Solid	8015M/D	33903
885-32501-25	BH25-32 6'	Total/NA	Solid	8015M/D	33903
885-32501-26	BH25-32 7'	Total/NA	Solid	8015M/D	33903
885-32501-27	BH25-32 8'	Total/NA	Solid	8015M/D	33903
885-32501-28	BH25-33 0'	Total/NA	Solid	8015M/D	33903
885-32501-29	BH25-33 1'	Total/NA	Solid	8015M/D	33903
885-32501-30	BH25-33 2'	Total/NA	Solid	8015M/D	33903
MB 885-33903/1-A	Method Blank	Total/NA	Solid	8015M/D	33903
885-32501-21 MS	BH25-32 2'	Total/NA	Solid	8015M/D	33903
885-32501-21 MSD	BH25-32 2'	Total/NA	Solid	8015M/D	33903

Analysis Batch: 34389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1	BH25-28 0'	Total/NA	Solid	8021B	33910
885-32501-2	BH25-28 1'	Total/NA	Solid	8021B	33910
885-32501-3	BH25-28 2'	Total/NA	Solid	8021B	33910
885-32501-4	BH25-29 0'	Total/NA	Solid	8021B	33910
885-32501-5	BH25-29 1'	Total/NA	Solid	8021B	33910
MB 885-33910/1-A	Method Blank	Total/NA	Solid	8021B	33910
LCS 885-33910/3-A	Lab Control Sample	Total/NA	Solid	8021B	33910
885-32501-2 MS	BH25-28 1'	Total/NA	Solid	8021B	33910
885-32501-2 MSD	BH25-28 1'	Total/NA	Solid	8021B	33910

Analysis Batch: 34390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1	BH25-28 0'	Total/NA	Solid	8015M/D	33910
885-32501-2	BH25-28 1'	Total/NA	Solid	8015M/D	33910
885-32501-3	BH25-28 2'	Total/NA	Solid	8015M/D	33910
885-32501-4	BH25-29 0'	Total/NA	Solid	8015M/D	33910
885-32501-5	BH25-29 1'	Total/NA	Solid	8015M/D	33910
MB 885-33910/1-A	Method Blank	Total/NA	Solid	8015M/D	33910
LCS 885-33910/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	33910
885-32501-1 MS	BH25-28 0'	Total/NA	Solid	8015M/D	33910

QC Association Summary

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Analysis Batch: 34390 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1 MSD	BH25-28 0'	Total/NA	Solid	8015M/D	33910

Analysis Batch: 34521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-6	BH25-29 2'	Total/NA	Solid	8021B	33910
885-32501-7	BH25-30 0'	Total/NA	Solid	8021B	33910
885-32501-8	BH25-30 1'	Total/NA	Solid	8021B	33910
885-32501-9	BH25-30 2'	Total/NA	Solid	8021B	33910
885-32501-10	BH25-31 0'	Total/NA	Solid	8021B	33910
885-32501-11	BH25-31 1'	Total/NA	Solid	8021B	33910
885-32501-12	BH25-31 2'	Total/NA	Solid	8021B	33910
885-32501-13	BH25-31 3'	Total/NA	Solid	8021B	33910
885-32501-14	BH25-31 4'	Total/NA	Solid	8021B	33910
885-32501-15	BH25-31 5'	Total/NA	Solid	8021B	33910
885-32501-16	BH25-31 6'	Total/NA	Solid	8021B	33910
885-32501-17	BH25-31 7'	Total/NA	Solid	8021B	33910
885-32501-18	BH25-31 8'	Total/NA	Solid	8021B	33910
885-32501-19	BH25-32 0'	Total/NA	Solid	8021B	33910
885-32501-20	BH25-32 1'	Total/NA	Solid	8021B	33910

Analysis Batch: 34522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-6	BH25-29 2'	Total/NA	Solid	8015M/D	33910
885-32501-7	BH25-30 0'	Total/NA	Solid	8015M/D	33910
885-32501-8	BH25-30 1'	Total/NA	Solid	8015M/D	33910
885-32501-9	BH25-30 2'	Total/NA	Solid	8015M/D	33910
885-32501-10	BH25-31 0'	Total/NA	Solid	8015M/D	33910
885-32501-11	BH25-31 1'	Total/NA	Solid	8015M/D	33910
885-32501-12	BH25-31 2'	Total/NA	Solid	8015M/D	33910
885-32501-13	BH25-31 3'	Total/NA	Solid	8015M/D	33910
885-32501-14	BH25-31 4'	Total/NA	Solid	8015M/D	33910
885-32501-15	BH25-31 5'	Total/NA	Solid	8015M/D	33910
885-32501-16	BH25-31 6'	Total/NA	Solid	8015M/D	33910
885-32501-17	BH25-31 7'	Total/NA	Solid	8015M/D	33910
885-32501-18	BH25-31 8'	Total/NA	Solid	8015M/D	33910
885-32501-19	BH25-32 0'	Total/NA	Solid	8015M/D	33910
885-32501-20	BH25-32 1'	Total/NA	Solid	8015M/D	33910

GC Semi VOA

Analysis Batch: 34317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-21	BH25-32 2'	Total/NA	Solid	8015M/D	34372
885-32501-22	BH25-32 3'	Total/NA	Solid	8015M/D	34372
885-32501-23	BH25-32 4'	Total/NA	Solid	8015M/D	34372
885-32501-24	BH25-32 5'	Total/NA	Solid	8015M/D	34372
885-32501-25	BH25-32 6'	Total/NA	Solid	8015M/D	34372
885-32501-26	BH25-32 7'	Total/NA	Solid	8015M/D	34372
885-32501-27	BH25-32 8'	Total/NA	Solid	8015M/D	34372
885-32501-28	BH25-33 0'	Total/NA	Solid	8015M/D	34372
885-32501-29	BH25-33 1'	Total/NA	Solid	8015M/D	34372

QC Association Summary

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

GC Semi VOA (Continued)

Analysis Batch: 34317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-30	BH25-33 2'	Total/NA	Solid	8015M/D	34372
MB 885-34372/1-A	Method Blank	Total/NA	Solid	8015M/D	34372
LCS 885-34372/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34372

Prep Batch: 34321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1	BH25-28 0'	Total/NA	Solid	SHAKE	
885-32501-2	BH25-28 1'	Total/NA	Solid	SHAKE	
885-32501-3	BH25-28 2'	Total/NA	Solid	SHAKE	
885-32501-4	BH25-29 0'	Total/NA	Solid	SHAKE	
885-32501-5	BH25-29 1'	Total/NA	Solid	SHAKE	
885-32501-6	BH25-29 2'	Total/NA	Solid	SHAKE	
885-32501-7	BH25-30 0'	Total/NA	Solid	SHAKE	
885-32501-8	BH25-30 1'	Total/NA	Solid	SHAKE	
885-32501-9	BH25-30 2'	Total/NA	Solid	SHAKE	
885-32501-10	BH25-31 0'	Total/NA	Solid	SHAKE	
885-32501-11	BH25-31 1'	Total/NA	Solid	SHAKE	
885-32501-12	BH25-31 2'	Total/NA	Solid	SHAKE	
885-32501-13	BH25-31 3'	Total/NA	Solid	SHAKE	
885-32501-14	BH25-31 4'	Total/NA	Solid	SHAKE	
885-32501-15	BH25-31 5'	Total/NA	Solid	SHAKE	
885-32501-16	BH25-31 6'	Total/NA	Solid	SHAKE	
885-32501-17	BH25-31 7'	Total/NA	Solid	SHAKE	
885-32501-18	BH25-31 8'	Total/NA	Solid	SHAKE	
885-32501-19	BH25-32 0'	Total/NA	Solid	SHAKE	
885-32501-20	BH25-32 1'	Total/NA	Solid	SHAKE	
MB 885-34321/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34321/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-32501-1 MS	BH25-28 0'	Total/NA	Solid	SHAKE	
885-32501-1 MSD	BH25-28 0'	Total/NA	Solid	SHAKE	

Analysis Batch: 34322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1	BH25-28 0'	Total/NA	Solid	8015M/D	34321
885-32501-2	BH25-28 1'	Total/NA	Solid	8015M/D	34321
885-32501-3	BH25-28 2'	Total/NA	Solid	8015M/D	34321
885-32501-4	BH25-29 0'	Total/NA	Solid	8015M/D	34321
885-32501-5	BH25-29 1'	Total/NA	Solid	8015M/D	34321
885-32501-6	BH25-29 2'	Total/NA	Solid	8015M/D	34321
885-32501-7	BH25-30 0'	Total/NA	Solid	8015M/D	34321
885-32501-8	BH25-30 1'	Total/NA	Solid	8015M/D	34321
885-32501-9	BH25-30 2'	Total/NA	Solid	8015M/D	34321
885-32501-10	BH25-31 0'	Total/NA	Solid	8015M/D	34321
885-32501-11	BH25-31 1'	Total/NA	Solid	8015M/D	34321
885-32501-12	BH25-31 2'	Total/NA	Solid	8015M/D	34321
885-32501-13	BH25-31 3'	Total/NA	Solid	8015M/D	34321
885-32501-14	BH25-31 4'	Total/NA	Solid	8015M/D	34321
885-32501-15	BH25-31 5'	Total/NA	Solid	8015M/D	34321
885-32501-16	BH25-31 6'	Total/NA	Solid	8015M/D	34321
885-32501-17	BH25-31 7'	Total/NA	Solid	8015M/D	34321
885-32501-18	BH25-31 8'	Total/NA	Solid	8015M/D	34321

QC Association Summary

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

GC Semi VOA (Continued)

Analysis Batch: 34322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-19	BH25-32 0'	Total/NA	Solid	8015M/D	34321
885-32501-20	BH25-32 1'	Total/NA	Solid	8015M/D	34321
MB 885-34321/1-A	Method Blank	Total/NA	Solid	8015M/D	34321
LCS 885-34321/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	34321
885-32501-1 MS	BH25-28 0'	Total/NA	Solid	8015M/D	34321
885-32501-1 MSD	BH25-28 0'	Total/NA	Solid	8015M/D	34321

Prep Batch: 34372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-21	BH25-32 2'	Total/NA	Solid	SHAKE	
885-32501-22	BH25-32 3'	Total/NA	Solid	SHAKE	
885-32501-23	BH25-32 4'	Total/NA	Solid	SHAKE	
885-32501-24	BH25-32 5'	Total/NA	Solid	SHAKE	
885-32501-25	BH25-32 6'	Total/NA	Solid	SHAKE	
885-32501-26	BH25-32 7'	Total/NA	Solid	SHAKE	
885-32501-27	BH25-32 8'	Total/NA	Solid	SHAKE	
885-32501-28	BH25-33 0'	Total/NA	Solid	SHAKE	
885-32501-29	BH25-33 1'	Total/NA	Solid	SHAKE	
885-32501-30	BH25-33 2'	Total/NA	Solid	SHAKE	
MB 885-34372/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-34372/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 33901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-33901/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 33932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1	BH25-28 0'	Total/NA	Solid	300_Prep	
885-32501-2	BH25-28 1'	Total/NA	Solid	300_Prep	
885-32501-3	BH25-28 2'	Total/NA	Solid	300_Prep	
885-32501-4	BH25-29 0'	Total/NA	Solid	300_Prep	
885-32501-5	BH25-29 1'	Total/NA	Solid	300_Prep	
885-32501-6	BH25-29 2'	Total/NA	Solid	300_Prep	
885-32501-7	BH25-30 0'	Total/NA	Solid	300_Prep	
885-32501-8	BH25-30 1'	Total/NA	Solid	300_Prep	
885-32501-9	BH25-30 2'	Total/NA	Solid	300_Prep	
885-32501-10	BH25-31 0'	Total/NA	Solid	300_Prep	
885-32501-11	BH25-31 1'	Total/NA	Solid	300_Prep	
885-32501-12	BH25-31 2'	Total/NA	Solid	300_Prep	
885-32501-13	BH25-31 3'	Total/NA	Solid	300_Prep	
885-32501-14	BH25-31 4'	Total/NA	Solid	300_Prep	
885-32501-15	BH25-31 5'	Total/NA	Solid	300_Prep	
885-32501-16	BH25-31 6'	Total/NA	Solid	300_Prep	
885-32501-17	BH25-31 7'	Total/NA	Solid	300_Prep	
885-32501-18	BH25-31 8'	Total/NA	Solid	300_Prep	
885-32501-19	BH25-32 0'	Total/NA	Solid	300_Prep	
885-32501-20	BH25-32 1'	Total/NA	Solid	300_Prep	
MB 885-33932/1-A	Method Blank	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

HPLC/IC (Continued)

Prep Batch: 33932 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-33932/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-32501-1 MS	BH25-28 0'	Total/NA	Solid	300_Prep	
885-32501-1 MSD	BH25-28 0'	Total/NA	Solid	300_Prep	
885-32501-2 MS	BH25-28 1'	Total/NA	Solid	300_Prep	
885-32501-2 MSD	BH25-28 1'	Total/NA	Solid	300_Prep	

Analysis Batch: 33936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-1	BH25-28 0'	Total/NA	Solid	300.0	33932
885-32501-2	BH25-28 1'	Total/NA	Solid	300.0	33932
885-32501-3	BH25-28 2'	Total/NA	Solid	300.0	33932
885-32501-4	BH25-29 0'	Total/NA	Solid	300.0	33932
885-32501-5	BH25-29 1'	Total/NA	Solid	300.0	33932
885-32501-6	BH25-29 2'	Total/NA	Solid	300.0	33932
885-32501-7	BH25-30 0'	Total/NA	Solid	300.0	33932
885-32501-8	BH25-30 1'	Total/NA	Solid	300.0	33932
885-32501-9	BH25-30 2'	Total/NA	Solid	300.0	33932
885-32501-10	BH25-31 0'	Total/NA	Solid	300.0	33932
885-32501-11	BH25-31 1'	Total/NA	Solid	300.0	33932
885-32501-12	BH25-31 2'	Total/NA	Solid	300.0	33932
885-32501-13	BH25-31 3'	Total/NA	Solid	300.0	33932
885-32501-14	BH25-31 4'	Total/NA	Solid	300.0	33932
885-32501-15	BH25-31 5'	Total/NA	Solid	300.0	33932
885-32501-16	BH25-31 6'	Total/NA	Solid	300.0	33932
885-32501-17	BH25-31 7'	Total/NA	Solid	300.0	33932
885-32501-18	BH25-31 8'	Total/NA	Solid	300.0	33932
885-32501-19	BH25-32 0'	Total/NA	Solid	300.0	33932
885-32501-20	BH25-32 1'	Total/NA	Solid	300.0	33932
885-32501-21	BH25-32 2'	Total/NA	Solid	300.0	33940
885-32501-22	BH25-32 3'	Total/NA	Solid	300.0	33940
885-32501-23	BH25-32 4'	Total/NA	Solid	300.0	33940
885-32501-24	BH25-32 5'	Total/NA	Solid	300.0	33940
885-32501-25	BH25-32 6'	Total/NA	Solid	300.0	33940
885-32501-26	BH25-32 7'	Total/NA	Solid	300.0	33940
885-32501-27	BH25-32 8'	Total/NA	Solid	300.0	33940
885-32501-28	BH25-33 0'	Total/NA	Solid	300.0	33940
885-32501-29	BH25-33 1'	Total/NA	Solid	300.0	33940
885-32501-30	BH25-33 2'	Total/NA	Solid	300.0	33940
MB 885-33932/1-A	Method Blank	Total/NA	Solid	300.0	33932
MB 885-33940/1-A	Method Blank	Total/NA	Solid	300.0	33940
LCS 885-33932/2-A	Lab Control Sample	Total/NA	Solid	300.0	33932
LCS 885-33940/2-A	Lab Control Sample	Total/NA	Solid	300.0	33940
MRL 885-33901/3-A	Lab Control Sample	Total/NA	Solid	300.0	33901
885-32501-1 MS	BH25-28 0'	Total/NA	Solid	300.0	33932
885-32501-1 MSD	BH25-28 0'	Total/NA	Solid	300.0	33932
885-32501-2 MS	BH25-28 1'	Total/NA	Solid	300.0	33932
885-32501-2 MSD	BH25-28 1'	Total/NA	Solid	300.0	33932
885-32501-21 MS	BH25-32 2'	Total/NA	Solid	300.0	33940
885-32501-21 MSD	BH25-32 2'	Total/NA	Solid	300.0	33940
885-32501-22 MS	BH25-32 3'	Total/NA	Solid	300.0	33940
885-32501-22 MSD	BH25-32 3'	Total/NA	Solid	300.0	33940

QC Association Summary

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

HPLC/IC

Prep Batch: 33940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-32501-21	BH25-32 2'	Total/NA	Solid	300_Prep	
885-32501-22	BH25-32 3'	Total/NA	Solid	300_Prep	
885-32501-23	BH25-32 4'	Total/NA	Solid	300_Prep	
885-32501-24	BH25-32 5'	Total/NA	Solid	300_Prep	
885-32501-25	BH25-32 6'	Total/NA	Solid	300_Prep	
885-32501-26	BH25-32 7'	Total/NA	Solid	300_Prep	
885-32501-27	BH25-32 8'	Total/NA	Solid	300_Prep	
885-32501-28	BH25-33 0'	Total/NA	Solid	300_Prep	
885-32501-29	BH25-33 1'	Total/NA	Solid	300_Prep	
885-32501-30	BH25-33 2'	Total/NA	Solid	300_Prep	
MB 885-33940/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-33940/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-32501-21 MS	BH25-32 2'	Total/NA	Solid	300_Prep	
885-32501-21 MSD	BH25-32 2'	Total/NA	Solid	300_Prep	
885-32501-22 MS	BH25-32 3'	Total/NA	Solid	300_Prep	
885-32501-22 MSD	BH25-32 3'	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-28 0'
Lab Sample ID: 885-32501-1
Date Collected: 08/31/25 08:15
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34390	AT	EET ALB	09/11/25 06:18
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34389	AT	EET ALB	09/11/25 06:18
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 12:20
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 09:57

Client Sample ID: BH25-28 1'
Lab Sample ID: 885-32501-2
Date Collected: 08/31/25 08:20
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34390	AT	EET ALB	09/11/25 07:23
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34389	AT	EET ALB	09/11/25 07:23
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 13:30
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 10:51

Client Sample ID: BH25-28 2'
Lab Sample ID: 885-32501-3
Date Collected: 08/31/25 08:25
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34390	AT	EET ALB	09/11/25 08:28
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34389	AT	EET ALB	09/11/25 08:28
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 13:54
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 11:24

Client Sample ID: BH25-29 0'
Lab Sample ID: 885-32501-4
Date Collected: 08/31/25 08:30
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34390	AT	EET ALB	09/11/25 08:50

Lab Chronicle

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-29 0' Lab Sample ID: 885-32501-4

Date Collected: 08/31/25 08:30 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34389	AT	EET ALB	09/11/25 08:50
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 14:17
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 11:35

Client Sample ID: BH25-29 1' Lab Sample ID: 885-32501-5

Date Collected: 08/31/25 08:35 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34390	AT	EET ALB	09/11/25 09:12
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34389	AT	EET ALB	09/11/25 09:12
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 14:41
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 11:45

Client Sample ID: BH25-29 2' Lab Sample ID: 885-32501-6

Date Collected: 08/31/25 08:40 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 15:51
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 15:51
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 15:07
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 11:56

Client Sample ID: BH25-30 0' Lab Sample ID: 885-32501-7

Date Collected: 08/31/25 08:45 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 16:12
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 16:12

Lab Chronicle

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-30 0' Lab Sample ID: 885-32501-7

Date Collected: 08/31/25 08:45 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 15:31
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 12:07

Client Sample ID: BH25-30 1' Lab Sample ID: 885-32501-8

Date Collected: 08/31/25 08:50 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 17:24
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 17:24
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 16:18
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 12:40

Client Sample ID: BH25-30 2' Lab Sample ID: 885-32501-9

Date Collected: 08/31/25 08:55 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 17:46
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 17:46
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 16:42
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 12:51

Client Sample ID: BH25-31 0' Lab Sample ID: 885-32501-10

Date Collected: 08/31/25 09:00 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 18:07
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 18:07
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		10	34322	BZR	EET ALB	09/10/25 17:05

Lab Chronicle

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 0' Lab Sample ID: 885-32501-10

Date Collected: 08/31/25 09:00 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 13:01

Client Sample ID: BH25-31 1' Lab Sample ID: 885-32501-11

Date Collected: 08/31/25 09:02 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 18:29
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 18:29
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		10	34322	BZR	EET ALB	09/10/25 17:29
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 13:12

Client Sample ID: BH25-31 2' Lab Sample ID: 885-32501-12

Date Collected: 08/31/25 09:05 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 19:13
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 19:13
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		10	34322	BZR	EET ALB	09/10/25 17:53
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 13:23

Client Sample ID: BH25-31 3' Lab Sample ID: 885-32501-13

Date Collected: 08/31/25 09:07 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 19:35
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 19:35
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 15:12
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 13:34

Lab Chronicle

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 4' Lab Sample ID: 885-32501-14

Date Collected: 08/31/25 09:10 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 19:56
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 19:56
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/11/25 15:36
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 13:45

Client Sample ID: BH25-31 5' Lab Sample ID: 885-32501-15

Date Collected: 08/31/25 09:12 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 20:18
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 20:18
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 19:05
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 13:56

Client Sample ID: BH25-31 6' Lab Sample ID: 885-32501-16

Date Collected: 08/31/25 09:15 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 20:39
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 20:39
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 19:28
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 14:06

Client Sample ID: BH25-31 7' Lab Sample ID: 885-32501-17

Date Collected: 08/31/25 09:17 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 21:01

Lab Chronicle

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-31 7' Lab Sample ID: 885-32501-17

Date Collected: 08/31/25 09:17 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 21:01
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 19:52
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 14:17

Client Sample ID: BH25-31 8' Lab Sample ID: 885-32501-18

Date Collected: 08/31/25 09:20 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 21:23
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 21:23
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 20:16
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 14:50

Client Sample ID: BH25-32 0' Lab Sample ID: 885-32501-19

Date Collected: 08/31/25 09:25 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 21:44
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 21:44
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 20:40
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 15:01

Client Sample ID: BH25-32 1' Lab Sample ID: 885-32501-20

Date Collected: 08/31/25 09:27 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8015M/D		1	34522	AT	EET ALB	09/11/25 22:06
Total/NA	Prep	5030C			33910	JP	EET ALB	09/04/25 16:50
Total/NA	Analysis	8021B		1	34521	AT	EET ALB	09/11/25 22:06

Lab Chronicle

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 1' Lab Sample ID: 885-32501-20

Date Collected: 08/31/25 09:27 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			34321	JM	EET ALB	09/10/25 08:27
Total/NA	Analysis	8015M/D		1	34322	BZR	EET ALB	09/10/25 21:03
Total/NA	Prep	300_Prep			33932	RC	EET ALB	09/05/25 07:20
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 15:12

Client Sample ID: BH25-32 2' Lab Sample ID: 885-32501-21

Date Collected: 08/31/25 09:30 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 02:42
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 02:42
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/10/25 23:33
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 15:22

Client Sample ID: BH25-32 3' Lab Sample ID: 885-32501-22

Date Collected: 08/31/25 09:33 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 03:48
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 03:48
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/10/25 23:45
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 15:55

Client Sample ID: BH25-32 4' Lab Sample ID: 885-32501-23

Date Collected: 08/31/25 09:35 **Matrix: Solid**
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 04:53
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 04:53
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/10/25 23:58

Lab Chronicle

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 4'
Lab Sample ID: 885-32501-23
Date Collected: 08/31/25 09:35
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 16:27

Client Sample ID: BH25-32 5'
Lab Sample ID: 885-32501-24
Date Collected: 08/31/25 09:37
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 05:15
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 05:15
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 00:10
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 17:00

Client Sample ID: BH25-32 6'
Lab Sample ID: 885-32501-25
Date Collected: 08/31/25 09:40
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 05:37
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 05:37
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 00:23
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 17:11

Client Sample ID: BH25-32 7'
Lab Sample ID: 885-32501-26
Date Collected: 08/31/25 09:42
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 05:59
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 05:59
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 00:48
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 17:22

Lab Chronicle

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-32 8'
Lab Sample ID: 885-32501-27
Date Collected: 08/31/25 09:45
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 06:21
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 06:21
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 01:00
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 17:32

Client Sample ID: BH25-33 0'
Lab Sample ID: 885-32501-28
Date Collected: 08/31/25 10:00
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 06:43
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 06:43
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 01:13
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 17:43

Client Sample ID: BH25-33 1'
Lab Sample ID: 885-32501-29
Date Collected: 08/31/25 10:05
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 07:05
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 07:05
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 01:25
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 17:54

Client Sample ID: BH25-33 2'
Lab Sample ID: 885-32501-30
Date Collected: 08/31/25 10:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8015M/D		1	34029	AT	EET ALB	09/06/25 07:26

Lab Chronicle

Client: Vertex
Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BH25-33 2'
Lab Sample ID: 885-32501-30
Date Collected: 08/31/25 10:10
Matrix: Solid
Date Received: 09/04/25 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			33903	JP	EET ALB	09/04/25 15:58
Total/NA	Analysis	8021B		1	34028	AT	EET ALB	09/06/25 07:26
Total/NA	Prep	SHAKE			34372	BZR	EET ALB	09/10/25 13:31
Total/NA	Analysis	8015M/D		1	34317	EM	EET ALB	09/11/25 01:37
Total/NA	Prep	300_Prep			33940	RC	EET ALB	09/05/25 08:07
Total/NA	Analysis	300.0		10	33936	RC	EET ALB	09/05/25 18:05

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-32501-1
Project/Site: North Pure Gold 9 Federal #001

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: Vertex

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 5-day Rush

Project Name: North Pure Gold 9 Federal #001

Project #: 25A-01165

Project Manager: Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☑ Yes ☐ No chilly

# of Coolers: 1

Cooler Temp (including CF): 2.5+0.2=2.7 °

HALL ENVIRONMENTAL ANALYSIS LABOR

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 871

Tel. 505-345-3975 Fax 505-345-4107

885-32501 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08.31.25	8:15	Soil	BH25-28 0'	1, 4oz jar			X	X					X			
08.31.25	8:20	Soil	BH25-28 1'	1, 4oz jar			X	X					X			
08.31.25	8:25	Soil	BH25-28 2'	1, 4oz jar			X	X					X			
08.31.25	8:30	Soil	BH25-29 0'	1, 4oz jar			X	X					X			
08.31.25	8:35	Soil	BH25-29 1'	1, 4oz jar			X	X					X			
08.31.25	8:40	Soil	BH25-29 2'	1, 4oz jar			X	X					X			
08.31.25	8:45	Soil	BH25-30 0'	1, 4oz jar			X	X					X			
08.31.25	8:50	Soil	BH25-30 1'	1, 4oz jar			X	X					X			
08.31.25	8:55	Soil	BH25-30 2'	1, 4oz jar			X	X					X			
08.31.25	9:00	Soil	BH25-31 0'	1, 4oz jar			X	X					X			
08.31.25	9:02	Soil	BH25-31 1'	1, 4oz jar			X	X					X			
08.31.25	9:05	Soil	BH25-31 2'	1, 4oz jar			X	X					X			

Analysis Request

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-2-25	07:00	Jake Pullman				
9/3/25	1900				9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☐ Standard X 5-day Rush

Project Name: **North Pure Gold 9 Federal #001**

Project #: **25A-01165**

Project Manager: Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☒ Yes ☐ No chucy

# of Coolers: 1

Cooler Temp(including CF): 2.5+0.2=2.7~

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
08.31.25	9:07	Soil	BH25-31 3'	1, 4oz jar			X	X					X									
08.31.25	9:10	Soil	BH25-31 4'	1, 4oz jar			X	X					X									
08.31.25	9:12	Soil	BH25-31 5'	1, 4oz jar			X	X					X									
08.31.25	9:15	Soil	BH25-31 6'	1, 4oz jar			X	X					X									
08.31.25	9:17	Soil	BH25-31 7'	1, 4oz jar			X	X					X									
08.31.25	9:20	Soil	BH25-31 8'	1, 4oz jar			X	X					X									
08.31.25	9:25	Soil	BH25-32 0'	1, 4oz jar			X	X					X									
08.31.25	9:27	Soil	BH25-32 1'	1, 4oz jar			X	X					X									
08.31.25	9:30	Soil	BH25-32 2'	1, 4oz jar			X	X					X									
08.31.25	9:33	Soil	BH25-32 3'	1, 4oz jar			X	X					X									
08.31.25	9:35	Soil	BH25-32 4'	1, 4oz jar			X	X					X									
08.31.25	9:37	Soil	BH25-32 5'	1, 4oz jar			X	X					X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9-2-25	07:00	Lak Pullan			9/3/25	710
9/3/25	1900			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

2/2

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 5-day Rush

Project Name:

North Pure Gold 9 Federal #001

Project #:

25A-01165

Project Manager:

Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☑ Yes ☐ No chunky

# of Coolers: 1

Cooler Temp(including CF): 2.5 +0.2 = 2.7 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
08.31.25	9:40	Soil	BH25-32 6'	1, 4oz jar			X	X					X			
08.31.25	9:42	Soil	BH25-32 7'	1, 4oz jar			X	X					X			
08.31.25	9:45	Soil	BH25-32 8'	1, 4oz jar			X	X					X			
08.31.25	10:00	Soil	BH25-33 0'	1, 4oz jar			X	X					X			
08.31.25	10:05	Soil	BH25-33 1'	1, 4oz jar			X	X					X			
08.31.25	10:10	Soil	BH25-33 2'	1, 4oz jar			X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
9-2-25	07:00			-	9/3/25	700
9/3/25	1900			courier	9/4/25	8:10

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

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3/3

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-32501-1

Login Number: 32501 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 1/16/2026 2:58:20 PM

JOB DESCRIPTION

North Pure Gold 9 Federal #001

JOB NUMBER

885-41190-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 5/4/2026 3:49:54 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
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Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Laboratory Job ID: 885-41190-1

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Definitions/Glossary

Client: Vertex Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex Job ID: 885-41190-1
Project: North Pure Gold 9 Federal #001

Job ID: 885-41190-1 Eurofins Albuquerque

Job Narrative
885-41190-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/13/2026 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015D_DRO: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 885-41271 and analytical batch 885-41256 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-01 1'
Lab Sample ID: 885-41190-1
Date Collected: 01/10/26 09:20
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/13/26 12:55	01/14/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*	*01/13/26 12:55*	*01/14/26 22:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 12:55	01/14/26 22:34	1
Ethylbenzene	ND		0.048		mg/Kg		01/13/26 12:55	01/14/26 22:34	1
Toluene	ND		0.048		mg/Kg		01/13/26 12:55	01/14/26 22:34	1
Xylenes, Total	ND		0.095		mg/Kg		01/13/26 12:55	01/14/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*01/13/26 12:55*	*01/14/26 22:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**16**		9.7		mg/Kg		01/13/26 13:41	01/13/26 19:29	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/13/26 13:41	01/13/26 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/13/26 13:41*	*01/13/26 19:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57**		50		mg/Kg		01/14/26 11:31	01/14/26 18:03	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-02 1'
Lab Sample ID: 885-41190-2
Date Collected: 01/10/26 09:23
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		01/13/26 12:55	01/14/26 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*01/13/26 12:55*	*01/14/26 23:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		01/13/26 12:55	01/14/26 23:21	1
Ethylbenzene	ND		0.046		mg/Kg		01/13/26 12:55	01/14/26 23:21	1
Toluene	ND		0.046		mg/Kg		01/13/26 12:55	01/14/26 23:21	1
Xylenes, Total	ND		0.092		mg/Kg		01/13/26 12:55	01/14/26 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*01/13/26 12:55*	*01/14/26 23:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**32**		9.1		mg/Kg		01/13/26 13:41	01/13/26 19:52	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		01/13/26 13:41	01/13/26 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*01/13/26 13:41*	*01/13/26 19:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		50		mg/Kg		01/14/26 11:31	01/14/26 18:17	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-03 2'
Lab Sample ID: 885-41190-3
Date Collected: 01/10/26 09:52
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/13/26 12:55	01/14/26 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*01/13/26 12:55*	*01/14/26 23:45*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 12:55	01/14/26 23:45	1
Ethylbenzene	ND		0.048		mg/Kg		01/13/26 12:55	01/14/26 23:45	1
Toluene	ND		0.048		mg/Kg		01/13/26 12:55	01/14/26 23:45	1
Xylenes, Total	ND		0.096		mg/Kg		01/13/26 12:55	01/14/26 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*01/13/26 12:55*	*01/14/26 23:45*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		01/13/26 13:41	01/13/26 20:04	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/13/26 13:41	01/13/26 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*	*01/13/26 13:41*	*01/13/26 20:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		01/14/26 11:31	01/14/26 18:30	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-04 2'
Lab Sample ID: 885-41190-4
Date Collected: 01/10/26 09:55
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/13/26 12:55	01/15/26 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*01/13/26 12:55*	*01/15/26 00:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/13/26 12:55	01/15/26 00:08	1
Ethylbenzene	ND		0.049		mg/Kg		01/13/26 12:55	01/15/26 00:08	1
Toluene	ND		0.049		mg/Kg		01/13/26 12:55	01/15/26 00:08	1
Xylenes, Total	ND		0.099		mg/Kg		01/13/26 12:55	01/15/26 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*01/13/26 12:55*	*01/15/26 00:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		01/13/26 13:41	01/13/26 20:16	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		01/13/26 13:41	01/13/26 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*01/13/26 13:41*	*01/13/26 20:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		38		mg/Kg		01/14/26 11:31	01/14/26 18:44	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-05 2'
Lab Sample ID: 885-41190-5
Date Collected: 01/10/26 09:58
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		01/13/26 12:55	01/15/26 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*01/13/26 12:55*	*01/15/26 00:32*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 12:55	01/15/26 00:32	1
Ethylbenzene	ND		0.047		mg/Kg		01/13/26 12:55	01/15/26 00:32	1
Toluene	ND		0.047		mg/Kg		01/13/26 12:55	01/15/26 00:32	1
Xylenes, Total	ND		0.095		mg/Kg		01/13/26 12:55	01/15/26 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*01/13/26 12:55*	*01/15/26 00:32*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		01/13/26 13:41	01/13/26 20:27	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/13/26 13:41	01/13/26 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*01/13/26 13:41*	*01/13/26 20:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/14/26 11:31	01/14/26 18:58	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-06 0.5'
Lab Sample ID: 885-41190-6
Date Collected: 01/10/26 10:05
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/13/26 12:55	01/15/26 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*01/13/26 12:55*	*01/15/26 00:55*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 12:55	01/15/26 00:55	1
Ethylbenzene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 00:55	1
Toluene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 00:55	1
Xylenes, Total	ND		0.096		mg/Kg		01/13/26 12:55	01/15/26 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*01/13/26 12:55*	*01/15/26 00:55*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**100**		9.7		mg/Kg		01/13/26 13:41	01/13/26 20:39	1
Motor Oil Range Organics [C28-C40]	**73**		48		mg/Kg		01/13/26 13:41	01/13/26 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*01/13/26 13:41*	*01/13/26 20:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		51		mg/Kg		01/14/26 11:31	01/14/26 19:39	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-07 0.5'
Lab Sample ID: 885-41190-7
Date Collected: 01/10/26 10:10
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/13/26 12:55	01/15/26 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/13/26 12:55*	*01/15/26 01:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 12:55	01/15/26 01:18	1
Ethylbenzene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 01:18	1
Toluene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 01:18	1
Xylenes, Total	ND		0.096		mg/Kg		01/13/26 12:55	01/15/26 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*01/13/26 12:55*	*01/15/26 01:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**300**		9.4		mg/Kg		01/13/26 13:41	01/13/26 20:51	1
Motor Oil Range Organics [C28-C40]	**130**		47		mg/Kg		01/13/26 13:41	01/13/26 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*01/13/26 13:41*	*01/13/26 20:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		50		mg/Kg		01/14/26 11:31	01/14/26 19:52	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-11 4.1'
Lab Sample ID: 885-41190-8
Date Collected: 01/10/26 10:28
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/13/26 12:55	01/15/26 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*01/13/26 12:55*	*01/15/26 01:42*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 12:55	01/15/26 01:42	1
Ethylbenzene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 01:42	1
Toluene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 01:42	1
Xylenes, Total	ND		0.095		mg/Kg		01/13/26 12:55	01/15/26 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/13/26 12:55*	*01/15/26 01:42*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		01/13/26 13:41	01/13/26 21:02	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/13/26 13:41	01/13/26 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/13/26 13:41*	*01/13/26 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		51		mg/Kg		01/14/26 11:31	01/14/26 20:06	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-01 0-1'
Lab Sample ID: 885-41190-9
Date Collected: 01/10/26 09:26
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		01/13/26 12:55	01/15/26 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*01/13/26 12:55*	*01/15/26 02:05*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		01/13/26 12:55	01/15/26 02:05	1
Ethylbenzene	ND		0.047		mg/Kg		01/13/26 12:55	01/15/26 02:05	1
Toluene	ND		0.047		mg/Kg		01/13/26 12:55	01/15/26 02:05	1
Xylenes, Total	ND		0.094		mg/Kg		01/13/26 12:55	01/15/26 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*01/13/26 12:55*	*01/15/26 02:05*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		01/13/26 13:41	01/13/26 21:14	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/13/26 13:41	01/13/26 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/13/26 13:41*	*01/13/26 21:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69**		51		mg/Kg		01/14/26 11:31	01/14/26 20:20	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-02 0-1'
Lab Sample ID: 885-41190-10
Date Collected: 01/10/26 09:30
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6		mg/Kg		01/13/26 12:55	01/15/26 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*01/13/26 12:55*	*01/15/26 02:29*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		01/13/26 12:55	01/15/26 02:29	1
Ethylbenzene	ND		0.046		mg/Kg		01/13/26 12:55	01/15/26 02:29	1
Toluene	ND		0.046		mg/Kg		01/13/26 12:55	01/15/26 02:29	1
Xylenes, Total	ND		0.092		mg/Kg		01/13/26 12:55	01/15/26 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*01/13/26 12:55*	*01/15/26 02:29*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**13**		9.3		mg/Kg		01/13/26 13:41	01/13/26 21:25	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/13/26 13:41	01/13/26 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*01/13/26 13:41*	*01/13/26 21:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61**		51		mg/Kg		01/14/26 11:31	01/14/26 20:33	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-03 0-2'
Lab Sample ID: 885-41190-11
Date Collected: 01/10/26 09:40
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/13/26 12:55	01/15/26 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*01/13/26 12:55*	*01/15/26 02:52*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 12:55	01/15/26 02:52	1
Ethylbenzene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 02:52	1
Toluene	ND		0.048		mg/Kg		01/13/26 12:55	01/15/26 02:52	1
Xylenes, Total	ND		0.095		mg/Kg		01/13/26 12:55	01/15/26 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/13/26 12:55*	*01/15/26 02:52*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	F2	9.4		mg/Kg		01/13/26 13:41	01/13/26 21:37	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/13/26 13:41	01/13/26 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*01/13/26 13:41*	*01/13/26 21:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/14/26 11:31	01/14/26 20:47	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-04 0.5-2'
Lab Sample ID: 885-41190-12
Date Collected: 01/10/26 09:43
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		01/13/26 16:48	01/14/26 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*01/13/26 16:48*	*01/14/26 11:22*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/13/26 16:48	01/14/26 11:22	1
Ethylbenzene	ND		0.050		mg/Kg		01/13/26 16:48	01/14/26 11:22	1
Toluene	ND		0.050		mg/Kg		01/13/26 16:48	01/14/26 11:22	1
Xylenes, Total	ND		0.10		mg/Kg		01/13/26 16:48	01/14/26 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/13/26 16:48*	*01/14/26 11:22*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**96**		9.5		mg/Kg		01/14/26 11:48	01/15/26 00:09	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/14/26 11:48	01/15/26 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*01/14/26 11:48*	*01/15/26 00:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		50		mg/Kg		01/14/26 15:17	01/15/26 03:50	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-05 1-2'
Lab Sample ID: 885-41190-13
Date Collected: 01/10/26 09:49
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/13/26 16:48	01/14/26 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*	*01/13/26 16:48*	*01/14/26 12:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 16:48	01/14/26 12:34	1
Ethylbenzene	ND		0.048		mg/Kg		01/13/26 16:48	01/14/26 12:34	1
Toluene	ND		0.048		mg/Kg		01/13/26 16:48	01/14/26 12:34	1
Xylenes, Total	ND		0.095		mg/Kg		01/13/26 16:48	01/14/26 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*01/13/26 16:48*	*01/14/26 12:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		01/14/26 11:48	01/15/26 00:32	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/14/26 11:48	01/15/26 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*01/14/26 11:48*	*01/15/26 00:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96**		51		mg/Kg		01/14/26 15:17	01/15/26 04:04	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-06 0-0.5'
Lab Sample ID: 885-41190-14
Date Collected: 01/10/26 10:15
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/13/26 16:48	01/14/26 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*	*01/13/26 16:48*	*01/14/26 13:46*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 16:48	01/14/26 13:46	1
Ethylbenzene	ND		0.049		mg/Kg		01/13/26 16:48	01/14/26 13:46	1
Toluene	ND		0.049		mg/Kg		01/13/26 16:48	01/14/26 13:46	1
Xylenes, Total	ND		0.097		mg/Kg		01/13/26 16:48	01/14/26 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*01/13/26 16:48*	*01/14/26 13:46*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		01/14/26 11:48	01/15/26 00:55	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/14/26 11:48	01/15/26 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*01/14/26 11:48*	*01/15/26 00:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		50		mg/Kg		01/16/26 09:14	01/16/26 13:53	10

Client Sample Results

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-10 0-4.1'
Lab Sample ID: 885-41190-15
Date Collected: 01/10/26 10:25
Matrix: Solid
Date Received: 01/13/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7		mg/Kg		01/13/26 16:48	01/14/26 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*15 - 150*	*01/13/26 16:48*	*01/14/26 14:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/13/26 16:48	01/14/26 14:10	1
Ethylbenzene	ND		0.047		mg/Kg		01/13/26 16:48	01/14/26 14:10	1
Toluene	ND		0.047		mg/Kg		01/13/26 16:48	01/14/26 14:10	1
Xylenes, Total	ND		0.095		mg/Kg		01/13/26 16:48	01/14/26 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*01/13/26 16:48*	*01/14/26 14:10*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		01/14/26 11:48	01/15/26 01:41	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		01/14/26 11:48	01/15/26 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*01/14/26 11:48*	*01/15/26 01:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		51		mg/Kg		01/16/26 09:14	01/16/26 14:04	10

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41190-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-41267/1-A
Matrix: Solid
Analysis Batch: 41303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41267

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		01/13/26 12:55	01/14/26 17:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 150*	*01/13/26 12:55*	*01/14/26 17:00*	*1*

Lab Sample ID: LCS 885-41267/2-A
Matrix: Solid
Analysis Batch: 41303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41267

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	25.9		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*220*		*15 - 150*

Lab Sample ID: MB 885-41287/1-A
Matrix: Solid
Analysis Batch: 41293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41287

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		01/13/26 16:48	01/14/26 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*01/13/26 16:48*	*01/14/26 10:58*	*1*

Lab Sample ID: LCS 885-41287/2-A
Matrix: Solid
Analysis Batch: 41293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41287

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	25.9		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*202*		*15 - 150*

Lab Sample ID: 885-41190-12 MS
Matrix: Solid
Analysis Batch: 41293

Client Sample ID: WS26-04 0.5-2'
Prep Type: Total/NA
Prep Batch: 41287

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		25.0	27.0		mg/Kg		108	70 - 130		

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41190-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 885-41190-12 MS
Matrix: Solid
Analysis Batch: 41293

Client Sample ID: WS26-04 0.5-2'
Prep Type: Total/NA
Prep Batch: 41287

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*216*		*15 - 150*

Lab Sample ID: 885-41190-12 MSD
Matrix: Solid
Analysis Batch: 41293

Client Sample ID: WS26-04 0.5-2'
Prep Type: Total/NA
Prep Batch: 41287

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	25.8		mg/Kg		104	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*215*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41267/1-A
Matrix: Solid
Analysis Batch: 41304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41267

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/13/26 12:55	01/14/26 17:00	1
Ethylbenzene	ND		0.050		mg/Kg		01/13/26 12:55	01/14/26 17:00	1
Toluene	ND		0.050		mg/Kg		01/13/26 12:55	01/14/26 17:00	1
Xylenes, Total	ND		0.10		mg/Kg		01/13/26 12:55	01/14/26 17:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*01/13/26 12:55*	*01/14/26 17:00*	*1*

Lab Sample ID: LCS 885-41267/3-A
Matrix: Solid
Analysis Batch: 41304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41267

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.984		mg/Kg		98	70 - 130		
Ethylbenzene			1.00	0.980		mg/Kg		98	70 - 130		
m-Xylene & p-Xylene			2.00	2.02		mg/Kg		101	70 - 130		
o-Xylene			1.00	0.993		mg/Kg		99	70 - 130		
Toluene			1.00	1.01		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*

Lab Sample ID: MB 885-41287/1-A
Matrix: Solid
Analysis Batch: 41294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41287

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/13/26 16:48	01/14/26 10:58	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41190-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-41287/1-A
Matrix: Solid
Analysis Batch: 41294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41287

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.050		mg/Kg		01/13/26 16:48	01/14/26 10:58	1
Toluene	ND		0.050		mg/Kg		01/13/26 16:48	01/14/26 10:58	1
Xylenes, Total	ND		0.10		mg/Kg		01/13/26 16:48	01/14/26 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/13/26 16:48*	*01/14/26 10:58*	*1*

Lab Sample ID: LCS 885-41287/3-A
Matrix: Solid
Analysis Batch: 41294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41287

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.947		mg/Kg		95	70 - 130		
Ethylbenzene			1.00	0.962		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene			2.00	1.96		mg/Kg		98	70 - 130		
o-Xylene			1.00	0.946		mg/Kg		95	70 - 130		
Toluene			1.00	0.966		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*

Lab Sample ID: 885-41190-13 MS
Matrix: Solid
Analysis Batch: 41294

Client Sample ID: WS26-05 1-2'
Prep Type: Total/NA
Prep Batch: 41287

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.954	1.02		mg/Kg		107	70 - 130		
Ethylbenzene	ND		0.954	1.05		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene	ND		1.91	2.16		mg/Kg		113	70 - 130		
o-Xylene	ND		0.954	1.05		mg/Kg		110	70 - 130		
Toluene	ND		0.954	1.05		mg/Kg		110	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*

Lab Sample ID: 885-41190-13 MSD
Matrix: Solid
Analysis Batch: 41294

Client Sample ID: WS26-05 1-2'
Prep Type: Total/NA
Prep Batch: 41287

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.950	1.00		mg/Kg		106	70 - 130	2	20
Ethylbenzene	ND		0.950	1.03		mg/Kg		108	70 - 130	3	20
m-Xylene & p-Xylene	ND		1.90	2.10		mg/Kg		110	70 - 130	3	20
o-Xylene	ND		0.950	1.03		mg/Kg		108	70 - 130	3	20
Toluene	ND		0.950	1.02		mg/Kg		107	70 - 130	3	20

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41190-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-41190-13 MSD
Matrix: Solid
Analysis Batch: 41294

Client Sample ID: WS26-05 1-2'
Prep Type: Total/NA
Prep Batch: 41287

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-41271/1-A
Matrix: Solid
Analysis Batch: 41256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41271

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/13/26 13:40	01/13/26 17:20	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/13/26 13:40	01/13/26 17:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*01/13/26 13:40*	*01/13/26 17:20*	*1*

Lab Sample ID: LCS 885-41271/2-A
Matrix: Solid
Analysis Batch: 41256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41271

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	44.8		mg/Kg		90	51 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*113*		*62 - 134*

Lab Sample ID: 885-41190-11 MS
Matrix: Solid
Analysis Batch: 41256

Client Sample ID: WS26-03 0-2'
Prep Type: Total/NA
Prep Batch: 41271

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND	F2	47.7	39.7		mg/Kg		83	44 - 136		

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*115*		*62 - 134*

Lab Sample ID: 885-41190-11 MSD
Matrix: Solid
Analysis Batch: 41256

Client Sample ID: WS26-03 0-2'
Prep Type: Total/NA
Prep Batch: 41271

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND	F2	47.4	56.7	F2	mg/Kg		120	44 - 136	35	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41190-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-41325/1-A
Matrix: Solid
Analysis Batch: 41300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41325

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/14/26 11:48	01/14/26 21:51	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/14/26 11:48	01/14/26 21:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*01/14/26 11:48*	*01/14/26 21:51*	*1*

Lab Sample ID: LCS 885-41325/2-A
Matrix: Solid
Analysis Batch: 41300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41325

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	53.0		mg/Kg		106	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*

Lab Sample ID: 885-41190-15 MS
Matrix: Solid
Analysis Batch: 41300

Client Sample ID: WS26-10 0-4.1'
Prep Type: Total/NA
Prep Batch: 41325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		47.9	50.6		mg/Kg		106	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*

Lab Sample ID: 885-41190-15 MSD
Matrix: Solid
Analysis Batch: 41300

Client Sample ID: WS26-10 0-4.1'
Prep Type: Total/NA
Prep Batch: 41325

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.3	47.9		mg/Kg		103	44 - 136	5	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41320/1-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41320

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		01/14/26 11:31	01/14/26 14:12	1

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41190-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-41320/2-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	47.5		mg/Kg		95	90 - 110

Lab Sample ID: MB 885-41350/1-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41350

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/14/26 15:17	01/14/26 21:01	1

Lab Sample ID: LCS 885-41350/2-A
Matrix: Solid
Analysis Batch: 41334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.7	47.9		mg/Kg		96	90 - 110

Lab Sample ID: MB 885-41450/1-A
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41450

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/16/26 09:14	01/16/26 10:16	1

Lab Sample ID: LCS 885-41450/2-A
Matrix: Solid
Analysis Batch: 41456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.8	51.0		mg/Kg		102	90 - 110

QC Association Summary

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA

Prep Batch: 41267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-1	BS26-01 1'	Total/NA	Solid	5030C	
885-41190-2	BS26-02 1'	Total/NA	Solid	5030C	
885-41190-3	BS26-03 2'	Total/NA	Solid	5030C	
885-41190-4	BS26-04 2'	Total/NA	Solid	5030C	
885-41190-5	BS26-05 2'	Total/NA	Solid	5030C	
885-41190-6	BS26-06 0.5'	Total/NA	Solid	5030C	
885-41190-7	BS26-07 0.5'	Total/NA	Solid	5030C	
885-41190-8	BS26-11 4.1'	Total/NA	Solid	5030C	
885-41190-9	WS26-01 0-1'	Total/NA	Solid	5030C	
885-41190-10	WS26-02 0-1'	Total/NA	Solid	5030C	
885-41190-11	WS26-03 0-2'	Total/NA	Solid	5030C	
MB 885-41267/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41267/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41267/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 41287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-12	WS26-04 0.5-2'	Total/NA	Solid	5030C	
885-41190-13	WS26-05 1-2'	Total/NA	Solid	5030C	
885-41190-14	WS26-06 0-0.5'	Total/NA	Solid	5030C	
885-41190-15	WS26-10 0-4.1'	Total/NA	Solid	5030C	
MB 885-41287/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41287/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41287/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-41190-12 MS	WS26-04 0.5-2'	Total/NA	Solid	5030C	
885-41190-12 MSD	WS26-04 0.5-2'	Total/NA	Solid	5030C	
885-41190-13 MS	WS26-05 1-2'	Total/NA	Solid	5030C	
885-41190-13 MSD	WS26-05 1-2'	Total/NA	Solid	5030C	

Analysis Batch: 41293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-12	WS26-04 0.5-2'	Total/NA	Solid	8015M/D	41287
885-41190-13	WS26-05 1-2'	Total/NA	Solid	8015M/D	41287
885-41190-14	WS26-06 0-0.5'	Total/NA	Solid	8015M/D	41287
885-41190-15	WS26-10 0-4.1'	Total/NA	Solid	8015M/D	41287
MB 885-41287/1-A	Method Blank	Total/NA	Solid	8015M/D	41287
LCS 885-41287/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41287
885-41190-12 MS	WS26-04 0.5-2'	Total/NA	Solid	8015M/D	41287
885-41190-12 MSD	WS26-04 0.5-2'	Total/NA	Solid	8015M/D	41287

Analysis Batch: 41294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-12	WS26-04 0.5-2'	Total/NA	Solid	8021B	41287
885-41190-13	WS26-05 1-2'	Total/NA	Solid	8021B	41287
885-41190-14	WS26-06 0-0.5'	Total/NA	Solid	8021B	41287
885-41190-15	WS26-10 0-4.1'	Total/NA	Solid	8021B	41287
MB 885-41287/1-A	Method Blank	Total/NA	Solid	8021B	41287
LCS 885-41287/3-A	Lab Control Sample	Total/NA	Solid	8021B	41287
885-41190-13 MS	WS26-05 1-2'	Total/NA	Solid	8021B	41287
885-41190-13 MSD	WS26-05 1-2'	Total/NA	Solid	8021B	41287

QC Association Summary

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA

Analysis Batch: 41303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-1	BS26-01 1'	Total/NA	Solid	8015M/D	41267
885-41190-2	BS26-02 1'	Total/NA	Solid	8015M/D	41267
885-41190-3	BS26-03 2'	Total/NA	Solid	8015M/D	41267
885-41190-4	BS26-04 2'	Total/NA	Solid	8015M/D	41267
885-41190-5	BS26-05 2'	Total/NA	Solid	8015M/D	41267
885-41190-6	BS26-06 0.5'	Total/NA	Solid	8015M/D	41267
885-41190-7	BS26-07 0.5'	Total/NA	Solid	8015M/D	41267
885-41190-8	BS26-11 4.1'	Total/NA	Solid	8015M/D	41267
885-41190-9	WS26-01 0-1'	Total/NA	Solid	8015M/D	41267
885-41190-10	WS26-02 0-1'	Total/NA	Solid	8015M/D	41267
885-41190-11	WS26-03 0-2'	Total/NA	Solid	8015M/D	41267
MB 885-41267/1-A	Method Blank	Total/NA	Solid	8015M/D	41267
LCS 885-41267/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41267

Analysis Batch: 41304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-1	BS26-01 1'	Total/NA	Solid	8021B	41267
885-41190-2	BS26-02 1'	Total/NA	Solid	8021B	41267
885-41190-3	BS26-03 2'	Total/NA	Solid	8021B	41267
885-41190-4	BS26-04 2'	Total/NA	Solid	8021B	41267
885-41190-5	BS26-05 2'	Total/NA	Solid	8021B	41267
885-41190-6	BS26-06 0.5'	Total/NA	Solid	8021B	41267
885-41190-7	BS26-07 0.5'	Total/NA	Solid	8021B	41267
885-41190-8	BS26-11 4.1'	Total/NA	Solid	8021B	41267
885-41190-9	WS26-01 0-1'	Total/NA	Solid	8021B	41267
885-41190-10	WS26-02 0-1'	Total/NA	Solid	8021B	41267
885-41190-11	WS26-03 0-2'	Total/NA	Solid	8021B	41267
MB 885-41267/1-A	Method Blank	Total/NA	Solid	8021B	41267
LCS 885-41267/3-A	Lab Control Sample	Total/NA	Solid	8021B	41267

GC Semi VOA

Analysis Batch: 41256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-1	BS26-01 1'	Total/NA	Solid	8015M/D	41271
885-41190-2	BS26-02 1'	Total/NA	Solid	8015M/D	41271
885-41190-3	BS26-03 2'	Total/NA	Solid	8015M/D	41271
885-41190-4	BS26-04 2'	Total/NA	Solid	8015M/D	41271
885-41190-5	BS26-05 2'	Total/NA	Solid	8015M/D	41271
885-41190-6	BS26-06 0.5'	Total/NA	Solid	8015M/D	41271
885-41190-7	BS26-07 0.5'	Total/NA	Solid	8015M/D	41271
885-41190-8	BS26-11 4.1'	Total/NA	Solid	8015M/D	41271
885-41190-9	WS26-01 0-1'	Total/NA	Solid	8015M/D	41271
885-41190-10	WS26-02 0-1'	Total/NA	Solid	8015M/D	41271
885-41190-11	WS26-03 0-2'	Total/NA	Solid	8015M/D	41271
MB 885-41271/1-A	Method Blank	Total/NA	Solid	8015M/D	41271
LCS 885-41271/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41271
885-41190-11 MS	WS26-03 0-2'	Total/NA	Solid	8015M/D	41271
885-41190-11 MSD	WS26-03 0-2'	Total/NA	Solid	8015M/D	41271

QC Association Summary

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

GC Semi VOA

Prep Batch: 41271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-1	BS26-01 1'	Total/NA	Solid	SHAKE	
885-41190-2	BS26-02 1'	Total/NA	Solid	SHAKE	
885-41190-3	BS26-03 2'	Total/NA	Solid	SHAKE	
885-41190-4	BS26-04 2'	Total/NA	Solid	SHAKE	
885-41190-5	BS26-05 2'	Total/NA	Solid	SHAKE	
885-41190-6	BS26-06 0.5'	Total/NA	Solid	SHAKE	
885-41190-7	BS26-07 0.5'	Total/NA	Solid	SHAKE	
885-41190-8	BS26-11 4.1'	Total/NA	Solid	SHAKE	
885-41190-9	WS26-01 0-1'	Total/NA	Solid	SHAKE	
885-41190-10	WS26-02 0-1'	Total/NA	Solid	SHAKE	
885-41190-11	WS26-03 0-2'	Total/NA	Solid	SHAKE	
MB 885-41271/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41271/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-41190-11 MS	WS26-03 0-2'	Total/NA	Solid	SHAKE	
885-41190-11 MSD	WS26-03 0-2'	Total/NA	Solid	SHAKE	

Analysis Batch: 41300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-12	WS26-04 0.5-2'	Total/NA	Solid	8015M/D	41325
885-41190-13	WS26-05 1-2'	Total/NA	Solid	8015M/D	41325
885-41190-14	WS26-06 0-0.5'	Total/NA	Solid	8015M/D	41325
885-41190-15	WS26-10 0-4.1'	Total/NA	Solid	8015M/D	41325
MB 885-41325/1-A	Method Blank	Total/NA	Solid	8015M/D	41325
LCS 885-41325/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41325
885-41190-15 MS	WS26-10 0-4.1'	Total/NA	Solid	8015M/D	41325
885-41190-15 MSD	WS26-10 0-4.1'	Total/NA	Solid	8015M/D	41325

Prep Batch: 41325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-12	WS26-04 0.5-2'	Total/NA	Solid	SHAKE	
885-41190-13	WS26-05 1-2'	Total/NA	Solid	SHAKE	
885-41190-14	WS26-06 0-0.5'	Total/NA	Solid	SHAKE	
885-41190-15	WS26-10 0-4.1'	Total/NA	Solid	SHAKE	
MB 885-41325/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41325/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-41190-15 MS	WS26-10 0-4.1'	Total/NA	Solid	SHAKE	
885-41190-15 MSD	WS26-10 0-4.1'	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 41320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-1	BS26-01 1'	Total/NA	Solid	300_Prep	
885-41190-2	BS26-02 1'	Total/NA	Solid	300_Prep	
885-41190-3	BS26-03 2'	Total/NA	Solid	300_Prep	
885-41190-4	BS26-04 2'	Total/NA	Solid	300_Prep	
885-41190-5	BS26-05 2'	Total/NA	Solid	300_Prep	
885-41190-6	BS26-06 0.5'	Total/NA	Solid	300_Prep	
885-41190-7	BS26-07 0.5'	Total/NA	Solid	300_Prep	
885-41190-8	BS26-11 4.1'	Total/NA	Solid	300_Prep	
885-41190-9	WS26-01 0-1'	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Vertex Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

HPLC/IC (Continued)

Prep Batch: 41320 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-10	WS26-02 0-1'	Total/NA	Solid	300_Prep	
885-41190-11	WS26-03 0-2'	Total/NA	Solid	300_Prep	
MB 885-41320/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41320/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 41334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-1	BS26-01 1'	Total/NA	Solid	300.0	41320
885-41190-2	BS26-02 1'	Total/NA	Solid	300.0	41320
885-41190-3	BS26-03 2'	Total/NA	Solid	300.0	41320
885-41190-4	BS26-04 2'	Total/NA	Solid	300.0	41320
885-41190-5	BS26-05 2'	Total/NA	Solid	300.0	41320
885-41190-6	BS26-06 0.5'	Total/NA	Solid	300.0	41320
885-41190-7	BS26-07 0.5'	Total/NA	Solid	300.0	41320
885-41190-8	BS26-11 4.1'	Total/NA	Solid	300.0	41320
885-41190-9	WS26-01 0-1'	Total/NA	Solid	300.0	41320
885-41190-10	WS26-02 0-1'	Total/NA	Solid	300.0	41320
885-41190-11	WS26-03 0-2'	Total/NA	Solid	300.0	41320
885-41190-12	WS26-04 0.5-2'	Total/NA	Solid	300.0	41350
885-41190-13	WS26-05 1-2'	Total/NA	Solid	300.0	41350
MB 885-41320/1-A	Method Blank	Total/NA	Solid	300.0	41320
MB 885-41350/1-A	Method Blank	Total/NA	Solid	300.0	41350
LCS 885-41320/2-A	Lab Control Sample	Total/NA	Solid	300.0	41320
LCS 885-41350/2-A	Lab Control Sample	Total/NA	Solid	300.0	41350

Prep Batch: 41350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-12	WS26-04 0.5-2'	Total/NA	Solid	300_Prep	
885-41190-13	WS26-05 1-2'	Total/NA	Solid	300_Prep	
MB 885-41350/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41350/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 41450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-14	WS26-06 0-0.5'	Total/NA	Solid	300_Prep	
885-41190-15	WS26-10 0-4.1'	Total/NA	Solid	300_Prep	
MB 885-41450/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41450/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 41456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41190-14	WS26-06 0-0.5'	Total/NA	Solid	300.0	41450
885-41190-15	WS26-10 0-4.1'	Total/NA	Solid	300.0	41450
MB 885-41450/1-A	Method Blank	Total/NA	Solid	300.0	41450
LCS 885-41450/2-A	Lab Control Sample	Total/NA	Solid	300.0	41450

Lab Chronicle

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-01 1'
Lab Sample ID: 885-41190-1
Date Collected: 01/10/26 09:20
Matrix: Solid
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 22:34
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 22:34
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 19:29
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 18:03

Client Sample ID: BS26-02 1'
Lab Sample ID: 885-41190-2
Date Collected: 01/10/26 09:23
Matrix: Solid
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 23:21
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 23:21
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 19:52
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 18:17

Client Sample ID: BS26-03 2'
Lab Sample ID: 885-41190-3
Date Collected: 01/10/26 09:52
Matrix: Solid
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/14/26 23:45
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/14/26 23:45
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 20:04
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 18:30

Client Sample ID: BS26-04 2'
Lab Sample ID: 885-41190-4
Date Collected: 01/10/26 09:55
Matrix: Solid
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 00:08

Lab Chronicle

Client: Vertex Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-04 2' Lab Sample ID: 885-41190-4

Date Collected: 01/10/26 09:55 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 00:08
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 20:16
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 18:44

Client Sample ID: BS26-05 2' Lab Sample ID: 885-41190-5

Date Collected: 01/10/26 09:58 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 00:32
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 00:32
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 20:27
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 18:58

Client Sample ID: BS26-06 0.5' Lab Sample ID: 885-41190-6

Date Collected: 01/10/26 10:05 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 00:55
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 00:55
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 20:39
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 19:39

Client Sample ID: BS26-07 0.5' Lab Sample ID: 885-41190-7

Date Collected: 01/10/26 10:10 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 01:18
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 01:18

Lab Chronicle

Client: Vertex Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-07 0.5' Lab Sample ID: 885-41190-7

Date Collected: 01/10/26 10:10 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 20:51
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 19:52

Client Sample ID: BS26-11 4.1' Lab Sample ID: 885-41190-8

Date Collected: 01/10/26 10:28 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 01:42
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 01:42
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 21:02
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 20:06

Client Sample ID: WS26-01 0-1' Lab Sample ID: 885-41190-9

Date Collected: 01/10/26 09:26 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 02:05
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 02:05
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 21:14
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 20:20

Client Sample ID: WS26-02 0-1' Lab Sample ID: 885-41190-10

Date Collected: 01/10/26 09:30 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 02:29
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 02:29
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 21:25

Lab Chronicle

Client: Vertex Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-02 0-1' Lab Sample ID: 885-41190-10

Date Collected: 01/10/26 09:30 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 20:33

Client Sample ID: WS26-03 0-2' Lab Sample ID: 885-41190-11

Date Collected: 01/10/26 09:40 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8015M/D		1	41303	VP	EET ALB	01/15/26 02:52
Total/NA	Prep	5030C			41267	JP	EET ALB	01/13/26 12:55
Total/NA	Analysis	8021B		1	41304	VP	EET ALB	01/15/26 02:52
Total/NA	Prep	SHAKE			41271	MB	EET ALB	01/13/26 13:41
Total/NA	Analysis	8015M/D		1	41256	BV	EET ALB	01/13/26 21:37
Total/NA	Prep	300_Prep			41320	MA	EET ALB	01/14/26 11:31
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/14/26 20:47

Client Sample ID: WS26-04 0.5-2' Lab Sample ID: 885-41190-12

Date Collected: 01/10/26 09:43 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8015M/D		1	41293	JP	EET ALB	01/14/26 11:22
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8021B		1	41294	JP	EET ALB	01/14/26 11:22
Total/NA	Prep	SHAKE			41325	BV	EET ALB	01/14/26 11:48
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 00:09
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 03:50

Client Sample ID: WS26-05 1-2' Lab Sample ID: 885-41190-13

Date Collected: 01/10/26 09:49 **Matrix: Solid**
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8015M/D		1	41293	JP	EET ALB	01/14/26 12:34
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8021B		1	41294	JP	EET ALB	01/14/26 12:34
Total/NA	Prep	SHAKE			41325	BV	EET ALB	01/14/26 11:48
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 00:32
Total/NA	Prep	300_Prep			41350	EH	EET ALB	01/14/26 15:17
Total/NA	Analysis	300.0		10	41334	KB	EET ALB	01/15/26 04:04

Lab Chronicle

Client: Vertex
Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-06 0-0.5'
Lab Sample ID: 885-41190-14
Date Collected: 01/10/26 10:15
Matrix: Solid
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8015M/D		1	41293	JP	EET ALB	01/14/26 13:46
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8021B		1	41294	JP	EET ALB	01/14/26 13:46
Total/NA	Prep	SHAKE			41325	BV	EET ALB	01/14/26 11:48
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 00:55
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 13:53

Client Sample ID: WS26-10 0-4.1'
Lab Sample ID: 885-41190-15
Date Collected: 01/10/26 10:25
Matrix: Solid
Date Received: 01/13/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8015M/D		1	41293	JP	EET ALB	01/14/26 14:10
Total/NA	Prep	5030C			41287	JP	EET ALB	01/13/26 16:48
Total/NA	Analysis	8021B		1	41294	JP	EET ALB	01/14/26 14:10
Total/NA	Prep	SHAKE			41325	BV	EET ALB	01/14/26 11:48
Total/NA	Analysis	8015M/D		1	41300	EM	EET ALB	01/15/26 01:41
Total/NA	Prep	300_Prep			41450	MA	EET ALB	01/16/26 09:14
Total/NA	Analysis	300.0		10	41456	MA	EET ALB	01/16/26 14:04

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-41190-1
Project/Site: North Pure Gold 9 Federal #001

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 72-Hour Rush

Project Name: **North Pure Gold 9 Federal #001**

Project #: **25A-01165**

Project Manager: Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.4 +0.2 = 3.6 °C

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87
Tel. 505-345-3975 Fax 505-345-4107

1885-41190 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
01.10.26	09:20	Soil	BS26-01 1'	1, 4oz jar			X	X					X			
01.10.26	09:23	Soil	BS26-02 1'	1, 4oz jar			X	X					X			
01.10.26	09:52	Soil	BS26-03 2'	1, 4oz jar			X	X					X			
01.10.26	09:55	Soil	BS26-04 2'	1, 4oz jar			X	X					X			
01.10.26	09:58	Soil	BS26-05 2'	1, 4oz jar			X	X					X			
01.10.26	10:05	Soil	BS26-06 0.5'	1, 4oz jar			X	X					X			
01.10.26	10:10	Soil	BS26-07 0.5'	1, 4oz jar			X	X					X			
01.10.26	10:28	Soil	BS26-11 4.1'	1, 4oz jar			X	X					X			
01.10.26	09:26	Soil	WS26-01 0-1'	1, 4oz jar			X	X					X			
01.10.26	09:30	Soil	WS26-02 0-1'	1, 4oz jar			X	X					X			
01.10.26	09:40	Soil	WS26-03 0-2'	1, 4oz jar			X	X					X			
01.10.26	09:43	Soil	WS26-04 0.5-2'	1, 4oz jar			X	X					X			

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
1-12-26	07:00				1/13/26	700
1/13/26	1900				1/13/26	7:45

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard X 72-Hour Rush

Project Name:
North Pure Gold 9 Federal #001

Project #:
25A-01165

Project Manager:
Kent Stallings
kstallings@vertex.ca

Sampler: L.Pullman
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 3.1 +0.2 = 3.3 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
01.10.26	09:49	Soil	WS26-05 1-2'	1, 4oz jar			X	X					X			
01.10.26	10:15	Soil	WS26-06 0-0.5'	1, 4oz jar			X	X					X			
01.10.26	10:25	Soil	WS26-10 0-4.1'	1, 4oz jar			X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
1-12-26	07:00				1/12/26	700
1/13/26	1900				1/13/26	7:45

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

2/2

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-41190-1

Login Number: 41190 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 1/22/2026 11:33:03 AM

JOB DESCRIPTION

North Pure Gold 9 Federal #001

JOB NUMBER

885-41481-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 5/4/2026 3:49:54 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
1/22/2026 11:33:03 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Laboratory Job ID: 885-41481-1

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Definitions/Glossary

Client: Vertex Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex Job ID: 885-41481-1
Project: North Pure Gold 9 Federal #001

Job ID: 885-41481-1 Eurofins Albuquerque

Job Narrative
885-41481-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/16/2026 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-08 2.5'
Lab Sample ID: 885-41481-1
Date Collected: 01/14/26 08:25
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/19/26 09:38	01/20/26 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*15 - 150*	*01/19/26 09:38*	*01/20/26 18:36*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/20/26 18:36	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 18:36	1
Toluene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 18:36	1
Xylenes, Total	ND		0.098		mg/Kg		01/19/26 09:38	01/20/26 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*01/19/26 09:38*	*01/20/26 18:36*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		01/19/26 10:37	01/19/26 13:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/19/26 10:37	01/19/26 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*01/19/26 10:37*	*01/19/26 13:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/20/26 06:05	01/20/26 18:50	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-09 1'
Lab Sample ID: 885-41481-2
Date Collected: 01/14/26 08:39
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/19/26 09:38	01/20/26 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*01/19/26 09:38*	*01/20/26 19:47*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/20/26 19:47	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 19:47	1
Toluene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 19:47	1
Xylenes, Total	ND		0.098		mg/Kg		01/19/26 09:38	01/20/26 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*01/19/26 09:38*	*01/20/26 19:47*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		01/19/26 10:37	01/19/26 13:32	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 10:37	01/19/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/19/26 10:37*	*01/19/26 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/20/26 06:05	01/20/26 20:00	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-10 1'
Lab Sample ID: 885-41481-3
Date Collected: 01/14/26 08:42
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/19/26 09:38	01/20/26 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*01/19/26 09:38*	*01/20/26 20:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 09:38	01/20/26 20:10	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 20:10	1
Toluene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 20:10	1
Xylenes, Total	ND		0.098		mg/Kg		01/19/26 09:38	01/20/26 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 09:38*	*01/20/26 20:10*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		01/19/26 10:37	01/19/26 13:44	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/19/26 10:37	01/19/26 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*01/19/26 10:37*	*01/19/26 13:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69**		50		mg/Kg		01/20/26 06:05	01/20/26 20:43	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-12 4.1'
Lab Sample ID: 885-41481-4
Date Collected: 01/14/26 08:49
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/19/26 09:38	01/20/26 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*01/19/26 09:38*	*01/20/26 20:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/20/26 20:34	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 20:34	1
Toluene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 20:34	1
Xylenes, Total	ND		0.097		mg/Kg		01/19/26 09:38	01/20/26 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 09:38*	*01/20/26 20:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		01/19/26 10:37	01/19/26 13:56	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 10:37	01/19/26 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/19/26 10:37*	*01/19/26 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/20/26 06:05	01/20/26 20:57	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-13 1.5'
Lab Sample ID: 885-41481-5
Date Collected: 01/14/26 09:00
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		01/19/26 09:38	01/20/26 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*01/19/26 09:38*	*01/20/26 20:58*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 09:38	01/20/26 20:58	1
Ethylbenzene	ND		0.050		mg/Kg		01/19/26 09:38	01/20/26 20:58	1
Toluene	ND		0.050		mg/Kg		01/19/26 09:38	01/20/26 20:58	1
Xylenes, Total	ND		0.099		mg/Kg		01/19/26 09:38	01/20/26 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*01/19/26 09:38*	*01/20/26 20:58*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		01/19/26 10:37	01/19/26 14:07	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 10:37	01/19/26 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/19/26 10:37*	*01/19/26 14:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		01/20/26 06:05	01/20/26 21:11	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-14 1.5'
Lab Sample ID: 885-41481-6
Date Collected: 01/14/26 09:03
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/19/26 09:38	01/20/26 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*01/19/26 09:38*	*01/20/26 21:21*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/20/26 21:21	1
Ethylbenzene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 21:21	1
Toluene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 21:21	1
Xylenes, Total	ND		0.096		mg/Kg		01/19/26 09:38	01/20/26 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*01/19/26 09:38*	*01/20/26 21:21*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**12**		9.4		mg/Kg		01/19/26 10:37	01/19/26 14:19	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/19/26 10:37	01/19/26 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/19/26 10:37*	*01/19/26 14:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/20/26 06:05	01/20/26 21:25	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-15 1.5'
Lab Sample ID: 885-41481-7
Date Collected: 01/14/26 09:06
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/19/26 09:38	01/20/26 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*15 - 150*	*01/19/26 09:38*	*01/20/26 21:45*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 09:38	01/20/26 21:45	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 21:45	1
Toluene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 21:45	1
Xylenes, Total	ND		0.098		mg/Kg		01/19/26 09:38	01/20/26 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*01/19/26 09:38*	*01/20/26 21:45*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		01/19/26 10:37	01/19/26 13:10	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/19/26 10:37	01/19/26 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*01/19/26 10:37*	*01/19/26 13:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/20/26 06:05	01/20/26 21:39	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-16 4.1'
Lab Sample ID: 885-41481-8
Date Collected: 01/14/26 08:52
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/19/26 09:38	01/20/26 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/19/26 09:38*	*01/20/26 22:08*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/20/26 22:08	1
Ethylbenzene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 22:08	1
Toluene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 22:08	1
Xylenes, Total	ND		0.096		mg/Kg		01/19/26 09:38	01/20/26 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*01/19/26 09:38*	*01/20/26 22:08*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		01/19/26 10:37	01/19/26 13:33	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 10:37	01/19/26 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*01/19/26 10:37*	*01/19/26 13:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		50		mg/Kg		01/20/26 06:05	01/20/26 22:22	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-17 1'
Lab Sample ID: 885-41481-9
Date Collected: 01/14/26 09:20
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/19/26 09:38	01/20/26 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*01/19/26 09:38*	*01/20/26 22:55*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/20/26 22:55	1
Ethylbenzene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 22:55	1
Toluene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 22:55	1
Xylenes, Total	ND		0.096		mg/Kg		01/19/26 09:38	01/20/26 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*01/19/26 09:38*	*01/20/26 22:55*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		01/19/26 10:37	01/19/26 13:57	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/19/26 10:37	01/19/26 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*01/19/26 10:37*	*01/19/26 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		01/20/26 06:05	01/20/26 22:36	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-07 0-2.5'
Lab Sample ID: 885-41481-10
Date Collected: 01/14/26 08:27
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/19/26 09:38	01/20/26 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*01/19/26 09:38*	*01/20/26 23:18*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 09:38	01/20/26 23:18	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 23:18	1
Toluene	ND		0.049		mg/Kg		01/19/26 09:38	01/20/26 23:18	1
Xylenes, Total	ND		0.098		mg/Kg		01/19/26 09:38	01/20/26 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*01/19/26 09:38*	*01/20/26 23:18*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		01/19/26 10:37	01/19/26 14:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		01/19/26 10:37	01/19/26 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*01/19/26 10:37*	*01/19/26 14:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		01/20/26 06:05	01/20/26 22:50	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-08 0.5-1'
Lab Sample ID: 885-41481-11
Date Collected: 01/14/26 08:33
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/19/26 09:38	01/20/26 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/19/26 09:38*	*01/20/26 23:41*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/20/26 23:41	1
Ethylbenzene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 23:41	1
Toluene	ND		0.048		mg/Kg		01/19/26 09:38	01/20/26 23:41	1
Xylenes, Total	ND		0.097		mg/Kg		01/19/26 09:38	01/20/26 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*01/19/26 09:38*	*01/20/26 23:41*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**26**		9.5		mg/Kg		01/19/26 10:37	01/19/26 14:43	1
Motor Oil Range Organics [C28-C40]	**53**		48		mg/Kg		01/19/26 10:37	01/19/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*01/19/26 10:37*	*01/19/26 14:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**370**		50		mg/Kg		01/20/26 06:05	01/20/26 23:04	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-09 0-1'
Lab Sample ID: 885-41481-12
Date Collected: 01/14/26 08:36
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		01/19/26 09:38	01/21/26 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/19/26 09:38*	*01/21/26 00:05*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 09:38	01/21/26 00:05	1
Ethylbenzene	ND		0.049		mg/Kg		01/19/26 09:38	01/21/26 00:05	1
Toluene	ND		0.049		mg/Kg		01/19/26 09:38	01/21/26 00:05	1
Xylenes, Total	ND		0.098		mg/Kg		01/19/26 09:38	01/21/26 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*15 - 150*	*01/19/26 09:38*	*01/21/26 00:05*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**19**		9.3		mg/Kg		01/19/26 10:37	01/19/26 14:55	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		01/19/26 10:37	01/19/26 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*103*		*62 - 134*	*01/19/26 10:37*	*01/19/26 14:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/20/26 06:05	01/20/26 23:19	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-11 0-4.1'
Lab Sample ID: 885-41481-13
Date Collected: 01/14/26 08:46
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8		mg/Kg		01/19/26 09:38	01/21/26 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*01/19/26 09:38*	*01/21/26 00:28*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		01/19/26 09:38	01/21/26 00:28	1
Ethylbenzene	ND		0.048		mg/Kg		01/19/26 09:38	01/21/26 00:28	1
Toluene	ND		0.048		mg/Kg		01/19/26 09:38	01/21/26 00:28	1
Xylenes, Total	ND		0.096		mg/Kg		01/19/26 09:38	01/21/26 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*01/19/26 09:38*	*01/21/26 00:28*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		01/19/26 10:37	01/19/26 15:06	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		01/19/26 10:37	01/19/26 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*01/19/26 10:37*	*01/19/26 15:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		01/20/26 06:05	01/20/26 23:33	10

Client Sample Results

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-12 0-1.5'
Lab Sample ID: 885-41481-14
Date Collected: 01/14/26 08:57
Matrix: Solid
Date Received: 01/16/26 07:45

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		01/19/26 09:38	01/21/26 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*01/19/26 09:38*	*01/21/26 00:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 09:38	01/21/26 00:51	1
Ethylbenzene	ND		0.050		mg/Kg		01/19/26 09:38	01/21/26 00:51	1
Toluene	ND		0.050		mg/Kg		01/19/26 09:38	01/21/26 00:51	1
Xylenes, Total	ND		0.099		mg/Kg		01/19/26 09:38	01/21/26 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*15 - 150*	*01/19/26 09:38*	*01/21/26 00:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		01/19/26 10:37	01/19/26 15:18	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		01/19/26 10:37	01/19/26 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*01/19/26 10:37*	*01/19/26 15:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		51		mg/Kg		01/20/26 06:05	01/20/26 23:47	10

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41481-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-41528/1-A
Matrix: Solid
Analysis Batch: 41630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41528

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		01/19/26 09:38	01/20/26 16:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*15 - 150*	*01/19/26 09:38*	*01/20/26 16:36*	*1*

Lab Sample ID: LCS 885-41528/2-A
Matrix: Solid
Analysis Batch: 41630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41528

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	27.4		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*210*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-41528/1-A
Matrix: Solid
Analysis Batch: 41631

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41528

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		01/19/26 09:38	01/20/26 16:36	1
Ethylbenzene	ND		0.050		mg/Kg		01/19/26 09:38	01/20/26 16:36	1
Toluene	ND		0.050		mg/Kg		01/19/26 09:38	01/20/26 16:36	1
Xylenes, Total	ND		0.10		mg/Kg		01/19/26 09:38	01/20/26 16:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*01/19/26 09:38*	*01/20/26 16:36*	*1*

Lab Sample ID: LCS 885-41528/3-A
Matrix: Solid
Analysis Batch: 41631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41528

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.946		mg/Kg		95	70 - 130		
Ethylbenzene			1.00	0.962		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene			2.00	1.95		mg/Kg		98	70 - 130		
o-Xylene			1.00	0.962		mg/Kg		96	70 - 130		
Toluene			1.00	0.961		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41481-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-41481-1 MS
Matrix: Solid
Analysis Batch: 41631

Client Sample ID: BS26-08 2.5'
Prep Type: Total/NA
Prep Batch: 41528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.975	0.916		mg/Kg		94	70 - 130
Ethylbenzene	ND		0.975	0.924		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	ND		1.95	1.87		mg/Kg		96	70 - 130
o-Xylene	ND		0.975	0.929		mg/Kg		95	70 - 130
Toluene	ND		0.975	0.921		mg/Kg		95	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*

Lab Sample ID: 885-41481-1 MSD
Matrix: Solid
Analysis Batch: 41631

Client Sample ID: BS26-08 2.5'
Prep Type: Total/NA
Prep Batch: 41528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.975	0.921		mg/Kg		94	70 - 130	0	20
Ethylbenzene	ND		0.975	0.923		mg/Kg		95	70 - 130	0	20
m-Xylene & p-Xylene	ND		1.95	1.90		mg/Kg		97	70 - 130	2	20
o-Xylene	ND		0.975	0.922		mg/Kg		95	70 - 130	1	20
Toluene	ND		0.975	0.942		mg/Kg		97	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-41533/1-A
Matrix: Solid
Analysis Batch: 41520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41533

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		01/19/26 10:37	01/19/26 12:34	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		01/19/26 10:37	01/19/26 12:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*01/19/26 10:37*	*01/19/26 12:34*	*1*

Lab Sample ID: LCS 885-41533/2-A
Matrix: Solid
Analysis Batch: 41520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41533

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	47.0		mg/Kg		94	51 - 148

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-41481-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41571/1-A
Matrix: Solid
Analysis Batch: 41597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41571

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		01/20/26 06:05	01/20/26 18:07	1

Lab Sample ID: LCS 885-41571/2-A
Matrix: Solid
Analysis Batch: 41597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41571

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.7	49.4		mg/Kg		99	90 - 110		

Lab Sample ID: 885-41481-1 MS
Matrix: Solid
Analysis Batch: 41597

Client Sample ID: BS26-08 2.5'
Prep Type: Total/NA
Prep Batch: 41571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		50.3	55.2		mg/Kg		110	50 - 150		

Lab Sample ID: 885-41481-1 MSD
Matrix: Solid
Analysis Batch: 41597

Client Sample ID: BS26-08 2.5'
Prep Type: Total/NA
Prep Batch: 41571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		49.8	53.7		mg/Kg		NC	50 - 150	3	20

Lab Sample ID: 885-41481-2 MS
Matrix: Solid
Analysis Batch: 41597

Client Sample ID: BS26-09 1'
Prep Type: Total/NA
Prep Batch: 41571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		49.8	76.1		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-41481-2 MSD
Matrix: Solid
Analysis Batch: 41597

Client Sample ID: BS26-09 1'
Prep Type: Total/NA
Prep Batch: 41571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.7	77.6		mg/Kg		NC	50 - 150	2	20

QC Association Summary

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA

Prep Batch: 41528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-1	BS26-08 2.5'	Total/NA	Solid	5030C	
885-41481-2	BS26-09 1'	Total/NA	Solid	5030C	
885-41481-3	BS26-10 1'	Total/NA	Solid	5030C	
885-41481-4	BS26-12 4.1'	Total/NA	Solid	5030C	
885-41481-5	BS26-13 1.5'	Total/NA	Solid	5030C	
885-41481-6	BS26-14 1.5'	Total/NA	Solid	5030C	
885-41481-7	BS26-15 1.5'	Total/NA	Solid	5030C	
885-41481-8	BS26-16 4.1'	Total/NA	Solid	5030C	
885-41481-9	BS26-17 1'	Total/NA	Solid	5030C	
885-41481-10	WS26-07 0-2.5'	Total/NA	Solid	5030C	
885-41481-11	WS26-08 0.5-1'	Total/NA	Solid	5030C	
885-41481-12	WS26-09 0-1'	Total/NA	Solid	5030C	
885-41481-13	WS26-11 0-4.1'	Total/NA	Solid	5030C	
885-41481-14	WS26-12 0-1.5'	Total/NA	Solid	5030C	
MB 885-41528/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-41528/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-41528/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-41481-1 MS	BS26-08 2.5'	Total/NA	Solid	5030C	
885-41481-1 MSD	BS26-08 2.5'	Total/NA	Solid	5030C	

Analysis Batch: 41630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-1	BS26-08 2.5'	Total/NA	Solid	8015M/D	41528
885-41481-2	BS26-09 1'	Total/NA	Solid	8015M/D	41528
885-41481-3	BS26-10 1'	Total/NA	Solid	8015M/D	41528
885-41481-4	BS26-12 4.1'	Total/NA	Solid	8015M/D	41528
885-41481-5	BS26-13 1.5'	Total/NA	Solid	8015M/D	41528
885-41481-6	BS26-14 1.5'	Total/NA	Solid	8015M/D	41528
885-41481-7	BS26-15 1.5'	Total/NA	Solid	8015M/D	41528
885-41481-8	BS26-16 4.1'	Total/NA	Solid	8015M/D	41528
885-41481-9	BS26-17 1'	Total/NA	Solid	8015M/D	41528
885-41481-10	WS26-07 0-2.5'	Total/NA	Solid	8015M/D	41528
885-41481-11	WS26-08 0.5-1'	Total/NA	Solid	8015M/D	41528
885-41481-12	WS26-09 0-1'	Total/NA	Solid	8015M/D	41528
885-41481-13	WS26-11 0-4.1'	Total/NA	Solid	8015M/D	41528
885-41481-14	WS26-12 0-1.5'	Total/NA	Solid	8015M/D	41528
MB 885-41528/1-A	Method Blank	Total/NA	Solid	8015M/D	41528
LCS 885-41528/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41528

Analysis Batch: 41631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-1	BS26-08 2.5'	Total/NA	Solid	8021B	41528
885-41481-2	BS26-09 1'	Total/NA	Solid	8021B	41528
885-41481-3	BS26-10 1'	Total/NA	Solid	8021B	41528
885-41481-4	BS26-12 4.1'	Total/NA	Solid	8021B	41528
885-41481-5	BS26-13 1.5'	Total/NA	Solid	8021B	41528
885-41481-6	BS26-14 1.5'	Total/NA	Solid	8021B	41528
885-41481-7	BS26-15 1.5'	Total/NA	Solid	8021B	41528
885-41481-8	BS26-16 4.1'	Total/NA	Solid	8021B	41528
885-41481-9	BS26-17 1'	Total/NA	Solid	8021B	41528
885-41481-10	WS26-07 0-2.5'	Total/NA	Solid	8021B	41528

QC Association Summary

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

GC VOA (Continued)

Analysis Batch: 41631 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-11	WS26-08 0.5-1'	Total/NA	Solid	8021B	41528
885-41481-12	WS26-09 0-1'	Total/NA	Solid	8021B	41528
885-41481-13	WS26-11 0-4.1'	Total/NA	Solid	8021B	41528
885-41481-14	WS26-12 0-1.5'	Total/NA	Solid	8021B	41528
MB 885-41528/1-A	Method Blank	Total/NA	Solid	8021B	41528
LCS 885-41528/3-A	Lab Control Sample	Total/NA	Solid	8021B	41528
885-41481-1 MS	BS26-08 2.5'	Total/NA	Solid	8021B	41528
885-41481-1 MSD	BS26-08 2.5'	Total/NA	Solid	8021B	41528

GC Semi VOA

Analysis Batch: 41520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-1	BS26-08 2.5'	Total/NA	Solid	8015M/D	41533
885-41481-2	BS26-09 1'	Total/NA	Solid	8015M/D	41533
885-41481-3	BS26-10 1'	Total/NA	Solid	8015M/D	41533
885-41481-4	BS26-12 4.1'	Total/NA	Solid	8015M/D	41533
885-41481-5	BS26-13 1.5'	Total/NA	Solid	8015M/D	41533
885-41481-6	BS26-14 1.5'	Total/NA	Solid	8015M/D	41533
885-41481-11	WS26-08 0.5-1'	Total/NA	Solid	8015M/D	41533
885-41481-12	WS26-09 0-1'	Total/NA	Solid	8015M/D	41533
885-41481-13	WS26-11 0-4.1'	Total/NA	Solid	8015M/D	41533
885-41481-14	WS26-12 0-1.5'	Total/NA	Solid	8015M/D	41533
MB 885-41533/1-A	Method Blank	Total/NA	Solid	8015M/D	41533
LCS 885-41533/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41533

Analysis Batch: 41521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-7	BS26-15 1.5'	Total/NA	Solid	8015M/D	41533
885-41481-8	BS26-16 4.1'	Total/NA	Solid	8015M/D	41533
885-41481-9	BS26-17 1'	Total/NA	Solid	8015M/D	41533
885-41481-10	WS26-07 0-2.5'	Total/NA	Solid	8015M/D	41533

Prep Batch: 41533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-1	BS26-08 2.5'	Total/NA	Solid	SHAKE	
885-41481-2	BS26-09 1'	Total/NA	Solid	SHAKE	
885-41481-3	BS26-10 1'	Total/NA	Solid	SHAKE	
885-41481-4	BS26-12 4.1'	Total/NA	Solid	SHAKE	
885-41481-5	BS26-13 1.5'	Total/NA	Solid	SHAKE	
885-41481-6	BS26-14 1.5'	Total/NA	Solid	SHAKE	
885-41481-7	BS26-15 1.5'	Total/NA	Solid	SHAKE	
885-41481-8	BS26-16 4.1'	Total/NA	Solid	SHAKE	
885-41481-9	BS26-17 1'	Total/NA	Solid	SHAKE	
885-41481-10	WS26-07 0-2.5'	Total/NA	Solid	SHAKE	
885-41481-11	WS26-08 0.5-1'	Total/NA	Solid	SHAKE	
885-41481-12	WS26-09 0-1'	Total/NA	Solid	SHAKE	
885-41481-13	WS26-11 0-4.1'	Total/NA	Solid	SHAKE	
885-41481-14	WS26-12 0-1.5'	Total/NA	Solid	SHAKE	
MB 885-41533/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41533/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

HPLC/IC

Prep Batch: 41571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-1	BS26-08 2.5'	Total/NA	Solid	300_Prep	
885-41481-2	BS26-09 1'	Total/NA	Solid	300_Prep	
885-41481-3	BS26-10 1'	Total/NA	Solid	300_Prep	
885-41481-4	BS26-12 4.1'	Total/NA	Solid	300_Prep	
885-41481-5	BS26-13 1.5'	Total/NA	Solid	300_Prep	
885-41481-6	BS26-14 1.5'	Total/NA	Solid	300_Prep	
885-41481-7	BS26-15 1.5'	Total/NA	Solid	300_Prep	
885-41481-8	BS26-16 4.1'	Total/NA	Solid	300_Prep	
885-41481-9	BS26-17 1'	Total/NA	Solid	300_Prep	
885-41481-10	WS26-07 0-2.5'	Total/NA	Solid	300_Prep	
885-41481-11	WS26-08 0.5-1'	Total/NA	Solid	300_Prep	
885-41481-12	WS26-09 0-1'	Total/NA	Solid	300_Prep	
885-41481-13	WS26-11 0-4.1'	Total/NA	Solid	300_Prep	
885-41481-14	WS26-12 0-1.5'	Total/NA	Solid	300_Prep	
MB 885-41571/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41571/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-41481-1 MS	BS26-08 2.5'	Total/NA	Solid	300_Prep	
885-41481-1 MSD	BS26-08 2.5'	Total/NA	Solid	300_Prep	
885-41481-2 MS	BS26-09 1'	Total/NA	Solid	300_Prep	
885-41481-2 MSD	BS26-09 1'	Total/NA	Solid	300_Prep	

Analysis Batch: 41597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41481-1	BS26-08 2.5'	Total/NA	Solid	300.0	41571
885-41481-2	BS26-09 1'	Total/NA	Solid	300.0	41571
885-41481-3	BS26-10 1'	Total/NA	Solid	300.0	41571
885-41481-4	BS26-12 4.1'	Total/NA	Solid	300.0	41571
885-41481-5	BS26-13 1.5'	Total/NA	Solid	300.0	41571
885-41481-6	BS26-14 1.5'	Total/NA	Solid	300.0	41571
885-41481-7	BS26-15 1.5'	Total/NA	Solid	300.0	41571
885-41481-8	BS26-16 4.1'	Total/NA	Solid	300.0	41571
885-41481-9	BS26-17 1'	Total/NA	Solid	300.0	41571
885-41481-10	WS26-07 0-2.5'	Total/NA	Solid	300.0	41571
885-41481-11	WS26-08 0.5-1'	Total/NA	Solid	300.0	41571
885-41481-12	WS26-09 0-1'	Total/NA	Solid	300.0	41571
885-41481-13	WS26-11 0-4.1'	Total/NA	Solid	300.0	41571
885-41481-14	WS26-12 0-1.5'	Total/NA	Solid	300.0	41571
MB 885-41571/1-A	Method Blank	Total/NA	Solid	300.0	41571
LCS 885-41571/2-A	Lab Control Sample	Total/NA	Solid	300.0	41571
885-41481-1 MS	BS26-08 2.5'	Total/NA	Solid	300.0	41571
885-41481-1 MSD	BS26-08 2.5'	Total/NA	Solid	300.0	41571
885-41481-2 MS	BS26-09 1'	Total/NA	Solid	300.0	41571
885-41481-2 MSD	BS26-09 1'	Total/NA	Solid	300.0	41571

Lab Chronicle

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-08 2.5'
Lab Sample ID: 885-41481-1
Date Collected: 01/14/26 08:25
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 18:36
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 18:36
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 13:20
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 18:50

Client Sample ID: BS26-09 1'
Lab Sample ID: 885-41481-2
Date Collected: 01/14/26 08:39
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 19:47
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 19:47
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 13:32
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 20:00

Client Sample ID: BS26-10 1'
Lab Sample ID: 885-41481-3
Date Collected: 01/14/26 08:42
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 20:10
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 20:10
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 13:44
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 20:43

Client Sample ID: BS26-12 4.1'
Lab Sample ID: 885-41481-4
Date Collected: 01/14/26 08:49
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 20:34

Lab Chronicle

Client: Vertex Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-12 4.1' Lab Sample ID: 885-41481-4

Date Collected: 01/14/26 08:49 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 20:34
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 13:56
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 20:57

Client Sample ID: BS26-13 1.5' Lab Sample ID: 885-41481-5

Date Collected: 01/14/26 09:00 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 20:58
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 20:58
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 14:07
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 21:11

Client Sample ID: BS26-14 1.5' Lab Sample ID: 885-41481-6

Date Collected: 01/14/26 09:03 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 21:21
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 21:21
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 14:19
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 21:25

Client Sample ID: BS26-15 1.5' Lab Sample ID: 885-41481-7

Date Collected: 01/14/26 09:06 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 21:45
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 21:45

Lab Chronicle

Client: Vertex Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: BS26-15 1.5' Lab Sample ID: 885-41481-7

Date Collected: 01/14/26 09:06 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 13:10
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 21:39

Client Sample ID: BS26-16 4.1' Lab Sample ID: 885-41481-8

Date Collected: 01/14/26 08:52 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 22:08
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 22:08
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 13:33
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 22:22

Client Sample ID: BS26-17 1' Lab Sample ID: 885-41481-9

Date Collected: 01/14/26 09:20 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 22:55
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 22:55
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 13:57
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 22:36

Client Sample ID: WS26-07 0-2.5' Lab Sample ID: 885-41481-10

Date Collected: 01/14/26 08:27 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 23:18
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 23:18
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41521	EM	EET ALB	01/19/26 14:20

Lab Chronicle

Client: Vertex Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-07 0-2.5' Lab Sample ID: 885-41481-10

Date Collected: 01/14/26 08:27 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 22:50

Client Sample ID: WS26-08 0.5-1' Lab Sample ID: 885-41481-11

Date Collected: 01/14/26 08:33 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/20/26 23:41
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/20/26 23:41
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 14:43
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 23:04

Client Sample ID: WS26-09 0-1' Lab Sample ID: 885-41481-12

Date Collected: 01/14/26 08:36 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/21/26 00:05
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/21/26 00:05
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 14:55
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 23:19

Client Sample ID: WS26-11 0-4.1' Lab Sample ID: 885-41481-13

Date Collected: 01/14/26 08:46 **Matrix: Solid**
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/21/26 00:28
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/21/26 00:28
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 15:06
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 23:33

Lab Chronicle

Client: Vertex
Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Client Sample ID: WS26-12 0-1.5'
Lab Sample ID: 885-41481-14
Date Collected: 01/14/26 08:57
Matrix: Solid
Date Received: 01/16/26 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8015M/D		1	41630	VP	EET ALB	01/21/26 00:51
Total/NA	Prep	5030C			41528	VP	EET ALB	01/19/26 09:38
Total/NA	Analysis	8021B		1	41631	VP	EET ALB	01/21/26 00:51
Total/NA	Prep	SHAKE			41533	BV	EET ALB	01/19/26 10:37
Total/NA	Analysis	8015M/D		1	41520	EM	EET ALB	01/19/26 15:18
Total/NA	Prep	300_Prep			41571	JT	EET ALB	01/20/26 06:05
Total/NA	Analysis	300.0		10	41597	MA	EET ALB	01/20/26 23:47

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-41481-1
Project/Site: North Pure Gold 9 Federal #001

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 72-Hour Rush

Project Name: **North Pure Gold 9 Federal #001**

Project #: **25A-01165**

Project Manager: Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.8+0.2=5.0 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87

Tel. 505-345-3975 Fax 505-345-410

885-41481 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
01.14.26	8:25	Soil	BS26-08 2.5'	1, 4oz jar		1	X	X					X			
01.14.26	8:39	Soil	BS26-09 1'	1, 4oz jar		2	X	X					X			
01.14.26	8:42	Soil	BS26-10 1'	1, 4oz jar		3	X	X					X			
01.14.26	8:49	Soil	BS26-12 4.1'	1, 4oz jar		4	X	X					X			
01.14.26	9:00	Soil	BS26-13 1.5'	1, 4oz jar		5	X	X					X			
01.14.26	9:03	Soil	BS26-14 1.5'	1, 4oz jar		6	X	X					X			
01.14.26	9:06	Soil	BS26-15 1.5'	1, 4oz jar		7	X	X					X			
01.14.26	8:52	Soil	BS26-16 4.1'	1, 4oz jar		8	X	X					X			
01.14.26	9:20	Soil	BS26-17 1'	1, 4oz jar		9	X	X					X			
01.14.26	8:27	Soil	WS26-07 0-2.5	1, 4oz jar		10	X	X					X			
01.14.26	8:33	Soil	WS26-08 0.5-1'	1, 4oz jar		11	X	X					X			
01.14.26	8:36	Soil	WS26-09 0-1'	1, 4oz jar		12	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
1-15-26	07:00	Zach Pullman			1/15/26	700
1/15/26	1900				1/16/26	7:45

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard X 72-Hour Rush

Project Name:

North Pure Gold 9 Federal #001

Project #:

25A-01165

Project Manager:

Kent Stallings

kstallings@vertex.ca

Sampler: L.Pullman

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 4.8+0.2=5.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
01.14.26	8:46	Soil	WS26-11 0-4.1'	1, 4oz jar		13	X	X					X			
01.14.26	8:57	Soil	WS26-12 0-1.5'	1, 4oz jar		14	X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
1-15-26	0700	Lab Pullman			1/15/26	700
1/15/26	1900			Courier	1/16/26	7:45

Remarks: ATTN Jim Raley
Direct bill to Devon work order 1007031601 Jim Raley
cc. permian@vertexresource.com, SCarttar@vertexresource.com, kstallings@vertexresource.com, and LPullman@vertexresource.com for Final Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-41481-1

Login Number: 41481 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 2/4/2026 2:57:44 PM

JOB DESCRIPTION

North Pure Gold 9 Fed 1

JOB NUMBER

885-42240-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Released to Imaging: 5/4/2026 3:49:54 PM

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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2/4/2026 2:57:44 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Laboratory Job ID: 885-42240-1

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Definitions/Glossary

Client: Vertex Job ID: 885-42240-1
Project/Site: North Pure Gold 9 Fed 1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Vertex
Project: North Pure Gold 9 Fed 1

Job ID: 885-42240-1

Job ID: 885-42240-1 Eurofins Albuquerque

Job Narrative
885-42240-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 1/30/2026 7:50 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.7°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-42240-1

Client Sample ID: Backfill

Date Collected: 01/28/26 09:40
Date Received: 01/30/26 07:50

Lab Sample ID: 885-42240-1

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9		mg/Kg		02/02/26 13:01	02/03/26 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*02/02/26 13:01*	*02/03/26 13:19*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/02/26 13:01	02/03/26 13:19	1
Ethylbenzene	ND		0.049		mg/Kg		02/02/26 13:01	02/03/26 13:19	1
Toluene	ND		0.049		mg/Kg		02/02/26 13:01	02/03/26 13:19	1
Xylenes, Total	ND		0.097		mg/Kg		02/02/26 13:01	02/03/26 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*15 - 150*	*02/02/26 13:01*	*02/03/26 13:19*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		02/03/26 08:34	02/03/26 13:21	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		02/03/26 08:34	02/03/26 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*86*		*62 - 134*	*02/03/26 08:34*	*02/03/26 13:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50		mg/Kg		02/02/26 09:10	02/02/26 17:16	10

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-42240-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-42396/1-A
Matrix: Solid
Analysis Batch: 42457

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0		mg/Kg		02/02/26 13:01	02/03/26 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*02/02/26 13:01*	*02/03/26 12:57*	*1*

Lab Sample ID: LCS 885-42396/2-A
Matrix: Solid
Analysis Batch: 42457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	28.3		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*231*		*15 - 150*

Lab Sample ID: 885-42240-1 MS
Matrix: Solid
Analysis Batch: 42457

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 42396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		23.2	25.3		mg/Kg		109	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*231*		*15 - 150*

Lab Sample ID: 885-42240-1 MSD
Matrix: Solid
Analysis Batch: 42457

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 42396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		23.3	26.1		mg/Kg		112	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*233*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-42396/1-A
Matrix: Solid
Analysis Batch: 42458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/02/26 13:01	02/03/26 12:57	1
Ethylbenzene	ND		0.050		mg/Kg		02/02/26 13:01	02/03/26 12:57	1
Toluene	ND		0.050		mg/Kg		02/02/26 13:01	02/03/26 12:57	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: North Pure Gold 9 Fed 1

Job ID: 885-42240-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-42396/1-A
Matrix: Solid
Analysis Batch: 42458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10		mg/Kg		02/02/26 13:01	02/03/26 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*15 - 150*	*02/02/26 13:01*	*02/03/26 12:57*	*1*

Lab Sample ID: LCS 885-42396/3-A
Matrix: Solid
Analysis Batch: 42458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.08		mg/Kg		108	70 - 130		
Ethylbenzene			1.00	1.11		mg/Kg		111	70 - 130		
m-Xylene & p-Xylene			2.00	2.21		mg/Kg		111	70 - 130		
o-Xylene			1.00	1.08		mg/Kg		108	70 - 130		
Toluene			1.00	1.07		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*15 - 150*

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-42429/1-A
Matrix: Solid
Analysis Batch: 42437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42429

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		02/03/26 08:34	02/03/26 12:59	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/03/26 08:34	02/03/26 12:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*87*		*62 - 134*	*02/03/26 08:34*	*02/03/26 12:59*	*1*

Lab Sample ID: LCS 885-42429/2-A
Matrix: Solid
Analysis Batch: 42437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42429

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	48.0		mg/Kg		96	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*82*		*62 - 134*

QC Sample Results

Client: Vertex
Job ID: 885-42240-1
Project/Site: North Pure Gold 9 Fed 1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-42368/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 42371
Prep Batch: 42368

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg		02/02/26 09:10	02/02/26 10:16	1

Lab Sample ID: LCS 885-42368/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 42371
Prep Batch: 42368

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			49.8	47.5		mg/Kg		95	90 - 110		

QC Association Summary

Client: Vertex Job ID: 885-42240-1
Project/Site: North Pure Gold 9 Fed 1

GC VOA

Prep Batch: 42396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42240-1	Backfill	Total/NA	Solid	5030C	
MB 885-42396/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-42396/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-42396/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-42240-1 MS	Backfill	Total/NA	Solid	5030C	
885-42240-1 MSD	Backfill	Total/NA	Solid	5030C	

Analysis Batch: 42457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42240-1	Backfill	Total/NA	Solid	8015M/D	42396
MB 885-42396/1-A	Method Blank	Total/NA	Solid	8015M/D	42396
LCS 885-42396/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42396
885-42240-1 MS	Backfill	Total/NA	Solid	8015M/D	42396
885-42240-1 MSD	Backfill	Total/NA	Solid	8015M/D	42396

Analysis Batch: 42458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42240-1	Backfill	Total/NA	Solid	8021B	42396
MB 885-42396/1-A	Method Blank	Total/NA	Solid	8021B	42396
LCS 885-42396/3-A	Lab Control Sample	Total/NA	Solid	8021B	42396

GC Semi VOA

Prep Batch: 42429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42240-1	Backfill	Total/NA	Solid	SHAKE	
MB 885-42429/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-42429/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 42437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42240-1	Backfill	Total/NA	Solid	8015M/D	42429
MB 885-42429/1-A	Method Blank	Total/NA	Solid	8015M/D	42429
LCS 885-42429/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	42429

HPLC/IC

Prep Batch: 42368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42240-1	Backfill	Total/NA	Solid	300_Prep	
MB 885-42368/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-42368/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 42371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-42240-1	Backfill	Total/NA	Solid	300.0	42368
MB 885-42368/1-A	Method Blank	Total/NA	Solid	300.0	42368
LCS 885-42368/2-A	Lab Control Sample	Total/NA	Solid	300.0	42368

Lab Chronicle

Client: Vertex
Job ID: 885-42240-1
Project/Site: North Pure Gold 9 Fed 1

Client Sample ID: Backfill **Lab Sample ID: 885-42240-1**
Date Collected: 01/28/26 09:40 **Matrix: Solid**
Date Received: 01/30/26 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			42396	VP	EET ALB	02/02/26 13:01
Total/NA	Analysis	8015M/D		1	42457	AT	EET ALB	02/03/26 13:19
Total/NA	Prep	5030C			42396	VP	EET ALB	02/02/26 13:01
Total/NA	Analysis	8021B		1	42458	AT	EET ALB	02/03/26 13:19
Total/NA	Prep	SHAKE			42429	DR	EET ALB	02/03/26 08:34
Total/NA	Analysis	8015M/D		1	42437	BV	EET ALB	02/03/26 13:21
Total/NA	Prep	300_Prep			42368	MA	EET ALB	02/02/26 09:10
Total/NA	Analysis	300.0		10	42371	MA	EET ALB	02/02/26 17:16

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Vertex Job ID: 885-42240-1
Project/Site: North Pure Gold 9 Fed 1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Released to Imaging: 5/4/2026 3:49:54 PM
Received by OCD: 4/9/2026 10:56:52 AM

Chain-of-Custody Record

Client: VERTEX (BILL TO DEVON)

Mailing Address: 3101 BOYD DR, CARLSBAD NM, 88220

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☒ Rush 48 hr

Project Name: NORTH PURE GOLD 9 FED 1

Project #: 25A-01165

Project Manager: SALLY CARTTAR
SCARTTAR@VERTEX.CA
KENT STALLINGS: KSTALLINGS@VERTEX.CA

Sampler: KATRINA TAYLOR

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Joe

Cooler Temp (including CF): 5.5 +0.2 = 5.7°

eurofins | Environment Testing
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109 885-42240 COC
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 8011)	PAHs by 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
1/28	9:40	Soil	BACKFILL	4oz, 1	ICE		X	X					X			

Analysis Request

Remarks: BILL TO DEVON
ATTN: JIM RALEY (JIM.RALEY@[redacted] DVN.com)
CC: KENT KSTALLINGS@VERTEX.CA,
KATRINA.TAYLOR@VERTEX.CA, SCARTTAR@VERTEX.CA

Date	Time:	Relinquished by:	Received by:	Via:	Date	Time
					1/29/26	1000
Date: 1/29/26	Time: 1910	Relinquished by:	Received by:	Via: courier	Date: 1/30/26	Time: 7:50

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Login Sample Receipt Checklist

Client: Vertex Job Number: 885-42240-1

Login Number: 42240 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX E – Notifications

Natalie Gordon

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>
Sent: Monday, April 6, 2020 5:26 PM
To: Natalie Gordon
Subject: Fwd: North Pure Gold 9 Fed #001 - 48-hr Notification of Confirmatory Sampling (Devon)

---------- Forwarded message ---------
From: **Dhugal Hanton** <vertexresourcegroupusa@gmail.com>
Date: Mon, Apr 6, 2020 at 5:26 PM
Subject: North Pure Gold 9 Fed #001 - 48-hr Notification of Confirmatory Sampling (Devon)
To: Bratcher, Mike, EMNRD <Mike.Bratcher@state.nm.us>, Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>, Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>, Kelsey <KWade@blm.gov>, <Jamos@blm.gov>, <blm_nm_cfo_spill@blm.gov>
Cc: <amanda.davis@dvn.com>, <wesley.mathews@dvn.com>, <Lupe.Carrasco@dvn.com>, <tom.bynum@dvn.com>

All,

Please accept this email as 48-hr notification that Vertex Resource Services Inc. has scheduled remediation activities and confirmatory sampling to be conducted at North Pure Gold 9 Fed #001 for the following open historical releases:

1.	NAB1918631481	2RP-5509	DOR: December 9, 2018
2.	NAB1732449577	2RP-4491	DOR: November 12, 2017
3.	NAB1621055488	2RP-3805	DOR: July 24, 2016
4.	NJMW1321055692	2RP-1771	DOR: July 25, 2013
5.	Unknown	2RP-6	DOR: 2007

On Thursday, April 9, 2020 at approximately 9:00 a.m., Monica Peppin of Vertex will be onsite to guide final remediation activities and conduct confirmatory sampling. She can be reached at 575-361-9880. If you need directions to the site, please do not hesitate to contact her. If you have any questions or concerns regarding this notification, please give me a call at 505-506-0040.

Thank you,
Natalie

Natalie Gordon
Project Manager

Vertex Resource Group Ltd.
213 S. Mesa Street
Carlsbad, NM 88220

P 575.725.5001 ext 709
C 505.506.0040
F

www.vertex.ca

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 456615

QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 456615
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nJMW1321055692**
Incident Name	**NJMW1321055692 2013 MINOR A SWS @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Site Name	*Unavailable.*
Date Release Discovered	**07/25/2013**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/01/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Contact Kent Stallings, 346-814-1413, kstallings@vertexresource.com
Please provide any information necessary for navigation to sampling site	From the intersection of US-62/180 and US-285, drive southeast on US-285 for 7.7 miles and turn left on NM-31. Drive east on NM-31 for 7.7 miles and turn right onto NM-128. Drive east/southeast on NM-128 for 13.0 miles and turn left on lease road. Drive east/north on lease road for 1.42 miles and turn right on lease road. Drive southeast on lease road for 0.56 miles and turn left into North Pure Gold 9 Federal #001 facility location.Work area is south and east sides of oil well and facility pad North Pure Gold 9 Federal #001. We will be collecting samples in/around the tank battery on the east side of the pad, in/around the production equipment on the south side of the pad, in the pasture southwest of the production equipment. We will be soil sampling with hand tools. The coordinates of the six-corners of the work area are marked with white stakes and clusters of white flags.

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

CONDITIONS

Action 456615

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 456615
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
rkidd	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/29/2025

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

QUESTIONS

Action 457090

QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 457090
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nJMW1321055692**
Incident Name	**NJMW1321055692 2013 MINOR A SWS @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Site Name	*Unavailable.*
Date Release Discovered	**07/25/2013**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Contact Kent Stallings, 346-814-1413, kstallings@vertexresource.com
Please provide any information necessary for navigation to sampling site	From the intersection of US-62/180 and US-285, drive southeast on US-285 for 7.7 miles and turn left on NM-31. Drive east on NM-31 for 7.7 miles and turn right onto NM-128. Drive east/southeast on NM-128 for 13.0 miles and turn left on lease road. Drive east/north on lease road for 1.42 miles and turn right on lease road. Drive southeast on lease road for 0.56 miles and turn left into North Pure Gold 9 Federal #001 facility location.Work area is south and east sides of oil well and facility pad North Pure Gold 9 Federal #001. We will be collecting samples in/around the tank battery on the east side of the pad, in/around the production equipment on the south side of the pad, in the pasture southwest of the production equipment. We will be soil sampling with hand tools. The coordinates of the six-corners of the work area are marked with white stakes and clusters of white flags.

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

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 457090
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
rkidd	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/30/2025

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

QUESTIONS

Action 541236

QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 541236
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nJMW1321055692**
Incident Name	**NJMW1321055692 NORTH PURE GOLD 9 FEDERAL #001 @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Site Name	**NORTH PURE GOLD 9 FEDERAL #001**
Date Release Discovered	**07/25/2013**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,000
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/10/2026
Time sampling will commence	08:10 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Sally Carttar 575.361.3561
Please provide any information necessary for navigation to sampling site	From the intersection of US-62/180 and US-285, drive southeast on US-285 for 7.7 miles and turn left on NM-31. Drive east on NM-31 for 7.7 miles and turn right onto NM-128. Drive east/southeast on NM-128 for 13.0 miles and turn left on lease road. Drive east/north on lease road for 1.42 miles and turn right on lease road. Drive southeast on lease road for 0.56 miles and turn left into North Pure Gold 9 Federal #001 facility location.

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 541236
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
rkidd	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/8/2026
rkidd	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/8/2026

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QUESTIONS

Action 541974

QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 541974
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nJMW1321055692**
Incident Name	**NJMW1321055692 NORTH PURE GOLD 9 FEDERAL #001 @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Site Name	**NORTH PURE GOLD 9 FEDERAL #001**
Date Release Discovered	**07/25/2013**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,000
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/14/2026
Time sampling will commence	08:15 AM
Please provide any information necessary for observers to contact samplers	Sally Carttar 575.361.3561
Please provide any information necessary for navigation to sampling site	From the intersection of US-62/180 and US-285, drive southeast on US-285 for 7.7 miles and turn left on NM-31. Drive east on NM-31 for 7.7 miles and turn right onto NM-128. Drive east/southeast on NM-128 for 13.0 miles and turn left on lease road. Drive east/north on lease road for 1.42 miles and turn right on lease road. Drive southeast on lease road for 0.56 miles and turn left into North Pure Gold 9 Federal #001 facility location.

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CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 541974
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
rkidd	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/12/2026
rkidd	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/12/2026

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QUESTIONS

Action 456626

QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 456626
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1621055488**
Incident Name	**NAB1621055488 NORTH PURE GOLD 9 FEDERAL #001 @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Site Name	**NORTH PURE GOLD 9 FEDERAL #001**
Date Release Discovered	**07/24/2016**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/01/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Lakin Pullman 701-495-1722 lpullman@vertexresource.com Sally Carttar 575-361-3561 SCarttar@vertexresource.com Kent Stallings 346-814-1413 kstallings@vertexresource.com
Please provide any information necessary for navigation to sampling site	From the intersection of US-62/180 and US-285, drive southeast on US-285 for 7.7 miles and turn left on NM-31. Drive east on NM-31 for 7.7 miles and turn right onto NM-128. Drive east/southeast on NM-128 for 13.0 miles and turn left on lease road. Drive east/north on lease road for 1.42 miles and turn right on lease road. Drive southeast on lease road for 0.56 miles and turn left into North Pure Gold 9 Federal #001 facility location. Work area is south and east sides of oil well and facility pad North Pure Gold 9 Federal #001. We will be collecting samples in/around the tank battery on the east side of the pad, in/around the production equipment on the south side of the pad, in the pasture southwest of the production equipment. We will be soil sampling with hand tools. The coordinates of the six-corners of the work area are marked with white stakes and clusters of white flags.

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CONDITIONS

Action 456626

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 456626
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
rkidd	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/29/2025

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QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 457089
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1621055488**
Incident Name	**NAB1621055488 NORTH PURE GOLD 9 FEDERAL #001 @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Site Name	**NORTH PURE GOLD 9 FEDERAL #001**
Date Release Discovered	**07/24/2016**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Sally Carttar 575-361-3561 SCarttar@vertexresource.com Kent Stallings 346-814-1413 kstallings@vertexresource.com
Please provide any information necessary for navigation to sampling site	From the intersection of US-62/180 and US-285, drive southeast on US-285 for 7.7 miles and turn left on NM-31. Drive east on NM-31 for 7.7 miles and turn right onto NM-128. Drive east/southeast on NM-128 for 13.0 miles and turn left on lease road. Drive east/north on lease road for 1.42 miles and turn right on lease road. Drive southeast on lease road for 0.56 miles and turn left into North Pure Gold 9 Federal #001 facility location. Work area is south and east sides of oil well and facility pad North Pure Gold 9 Federal #001. We will be collecting samples in/around the tank battery on the east side of the pad, in/around the production equipment on the south side of the pad, in the pasture southwest of the production equipment. We will be soil sampling with hand tools. The coordinates of the six-corners of the work area are marked with white stakes and clusters of white flags.

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CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 457089
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
rkidd	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/30/2025

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QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 541977
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1621055488**
Incident Name	**NAB1621055488 NORTH PURE GOLD 9 FEDERAL #001 @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Site Name	**NORTH PURE GOLD 9 FEDERAL #001**
Date Release Discovered	**07/24/2016**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,000
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/14/2026
Time sampling will commence	08:15 AM
Please provide any information necessary for observers to contact samplers	Sally Carttar 575.361.3561
Please provide any information necessary for navigation to sampling site	From the intersection of US-62/180 and US-285, drive southeast on US-285 for 7.7 miles and turn left on NM-31. Drive east on NM-31 for 7.7 miles and turn right onto NM-128. Drive east/southeast on NM-128 for 13.0 miles and turn left on lease road. Drive east/north on lease road for 1.42 miles and turn right on lease road. Drive southeast on lease road for 0.56 miles and turn left into North Pure Gold 9 Federal #001 facility location.

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CONDITIONS

Operator:	OGRID:
HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	10155
	Action Number: 541977
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
rkidd	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/12/2026
rkidd	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/12/2026

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QUESTIONS

Action 572281

QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 572281
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nJMW1321055692**
Incident Name	**NJMW1321055692 NORTH PURE GOLD 9 FEDERAL #001 @ 30-015-27178**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NORTH PURE GOLD 9 FEDERAL #001
Date Release Discovered	07/25/2013
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Human Error | Flow Line - Production | Crude Oil | Released: 5 BBL | Recovered: 4 BBL | Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Human Error | Flow Line - Production | Produced Water | Released: 10 BBL | Recovered: 9 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 572281
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Release occurred outside containment.
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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.

I hereby agree and sign off to the above statement	Name: Roni Kidd Title: Business Manager Email: rkidd@buckhornproduction.com Date: 04/08/2026

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QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 572281
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	3500
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	12009
GRO+DRO	(EPA SW-846 Method 8015M)	7509
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.7
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		11/01/2025
On what date will (or did) the final sampling or liner inspection occur		12/01/2025
On what date will (or was) the remediation complete(d)		12/01/2025
What is the estimated surface area (in square feet) that will be reclaimed		664
What is the estimated volume (in cubic yards) that will be reclaimed		50
What is the estimated surface area (in square feet) that will be remediated		664
What is the estimated volume (in cubic yards) that will be remediated		50
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 572281
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Roni Kidd Title: Business Manager Email: rkidd@buckhornproduction.com Date: 04/08/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 572281
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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	Action Number: 572281
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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**541974**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/14/2026**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**2000**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3202
What was the total volume (cubic yards) remediated	172
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2824
What was the total volume (in cubic yards) reclaimed	68
Summarize any additional remediation activities not included by answers (above)	As detailed in attached report.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Roni Kidd Title: Business Manager Email: rkidd@buckhornproduction.com Date: 04/08/2026

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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 572281

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 572281
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nJMW1321055692 NORTH PURE GOLD 9 FEDERAL #001, thank you. This Remediation Closure Report is approved.	5/4/2026