



Environmental Site Remediation Work Plan

General Information

NMOCD District:	District 1 – Hobbs	Incident ID:	NJMW1321055692,2RP-1771; nAB1621055488,2RP-3805
Landowner:	Bureau of Land Management	API:	30-015-27178
Client:	Devon Energy Production Company, LP	Site Location:	North Pure Gold 9 Federal #001
Date:	September 30 2025	Project #:	25A-01165
Client Contact:	Jim Raley	Phone #:	575.689.7597
Vertex PM:	Kent Stallings	Phone #:	346.814.1413

Objective

The objective of the environmental remediation work plan is to identify exceedances found during the site assessment/characterization activity and propose an appropriate remediation technique to address the release at North Pure Gold 9 Federal #001 (hereafter referred to as “site”). The release (NJMW1321055692) occurred from a hole in the flow line, releasing 9 barrels (bbl) of produced water and 4 bbl of crude oil. 4 bbl of oil was recovered and 1 bbl of produced water breached the edge of the pad into the pasture. The additional release (nAB1621055488) occurred from a high pressure rupture of a flowline resulting in 3 barrels (bbl) of produced water and 2 bbl of crude oil being released into the pasture southwest of the pad with no fluids recovered (Attachment 1). Areas of environmental concern identified and delineated include the southwest corner of the pad into the pasture.

There are two current depth to groundwater data references that exist within 0.5 mile of the site. A New Mexico Office of the State Engineer (NMOSE) approved depth to ground water borehole was drilled on the site in March 2023. It was advanced to 55 feet below ground surface (bgs) and resulted in a dry hole. An additional NMOSE depth to ground water borehole was drilled southwest of the site in December 2023. It was advanced to 105 feet bgs and also resulted in a dry hole. Closure criteria have been selected as per New Mexico Administrative Code 19.15.29. The closure criteria for the site are presented below for “on pad” criteria (Table 1) and in the pasture for reclamation (Table 2).

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

	Constituent	Limit
0-4 feet bgs (19.15.29.13)	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	Chloride	20,000 mg/kg
Below 4 feet bgs, where DTGW > 100 feet (19.15.29.12)	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg



Environmental Site Remediation Work Plan

bgs – Below ground surface

DTGW – Depth to Groundwater

TDS – Total dissolved solids

TPH – Total petroleum hydrocarbons = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO)

BTEX – Benzene, toluene, ethylbenzene, and xylenes

Site Assessment/Characterization

The area was historically excavated in April 2020 at the southwest corner of the pad and into the pasture as presented in the Daily Field Report (Attachment 5). The original assessment and site characterization was started in May 2019 and completed in August 2021. A reassessment was started on August 28, 2025, and completed on August 31, 2025. The reassessment includes data from previous characterization sampling. A total of 27 sample points (boreholes) were established, and 98 samples were collected for field screening. Samples were obtained at various depths for horizontal and vertical delineation, and samples at the greatest lateral limits and the deepest vertical distance below criteria were submitted to the laboratory for analysis. In total, 98 samples were submitted to Hall Environmental and Eurofins Environmental Testing in Albuquerque, New Mexico, for analysis. The sample locations are presented on Figure 1 (Attachment 2). Laboratory analysis results have been compared to the above noted closure criteria and the results from the characterization activity are presented in Table 3 (Attachment 3); exceedances to criteria are identified in the table as bold with grey background or green background. Laboratory data reports and Daily Field Reports are included in Attachment 4 and Attachment 5, respectively. All applicable research as it pertains to closure criteria selection is presented in Attachment 6.

Proposed Remedial Activities

Areas identified with contaminant concentrations above closure criteria will be remediated through excavation. Laboratory results from the site assessment/characterization have been referenced to estimate both the vertical and horizontal limits of the impacts and the volume of soil to be removed. Soil will be excavated to the extents of the known contamination or in 1 foot increments, whichever is less. Field screening will be utilized to confirm removal of contaminated soil below the applicable closure criteria. Impacted soil will be stored on a 30 mil liner prior to disposal at an approved facility. Once excavation is complete, confirmatory samples will be collected and laboratory analysis completed to confirm closure criteria guidelines are met. Excavations will be backfilled with clean soil sourced locally. The site will then be ripped and seeded with an appropriate BLM Seed Mix.

NJMW1321055692 2RP-1771 (7/25/13), nAB1621055488 2RP-3805 (7/24/2016)

Southwest Corner of Pad into Pasture

Exceedances to closure criteria were identified at BH25-18 and BH25-31 from southwest edge of the pad into the pasture and will be reclaimed to closure criteria via excavation. Exceedances to closure criteria were identified at BH25-09 and BH25-23 will be excavated to 1 foot and 1.5 foot on the southwest corner on the pad. Excavation to 0.5 foot at BH25-08 and BH25-19 on pad will be completed to address surface contamination the southwest corner of the pad.

Heavy equipment will be used to complete excavation in areas free of infrastructure or equipment. A hydrovac truck may be utilized to identify utility and buried pipelines where necessary, and hand tools will be utilized to remove contaminated soil in close proximity to equipment, buried utilities, and pipelines. Confirmation samples will be collected as per New Mexico Oil Conservation Division (NMOCD) guidance and submitted for laboratory analysis of all applicable parameters. Surfaces of the final extents of the excavation will meet the most stringent NMOCD closure criteria. The southwest remediation area is approximately 997 square feet as presented on Figure 1 (Attachment 2). The total estimated volume to be excavated is approximately **61 cubic yards**. Excavation is planned to be completed within 90 days of approval of this Environmental Site Remediation Work Plan.

Environmental Site Remediation Work Plan

Sample Point	Excavation Depth	Remediation Method
Remediation		
BH25-08	0.5'	Hand Crew
BH25-09	1'	Hand Crew
BH25-19	0.5'	Hand Crew
BH25-23	1.5'	Hand Crew
Reclamation		
BH25-18	4.1'	Heavy Machinery
BH25-31	1.25'	Heavy Machinery

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

Stephanie McCarty

Stephanie McCarty, B.Sc.
ENVIRONMENTAL SPECIALIST, REPORTING

September 30, 2025

Date

Kent Stallings

Kent Stallings, P.G.
SENIOR GEOLOGIST, REPORT REVIEW

October 1, 2025

Date

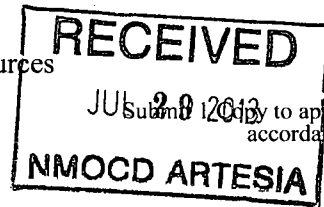
Attachments

- Attachment 1. NMOCD C-141 Reports
- Attachment 2. Figures
- Attachment 3. Tables
- Attachment 4. Laboratory Data Reports and Chain of Custody Forms
- Attachment 5. Daily Field Reports with Photographs
- Attachment 6. Closure Criteria Research

ATTACHMENT 1

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

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



Form C-141
Revised August 8, 2011

Submit to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NJM W 1324055692

OPERATOR

Initial Report Final Report

Name of Company Devon Energy	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 N	Section 9	Township 23S	Range 31E	Feet from the 330	North/South Line South	Feet from the 1980	East/West Line West	County 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

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: <i>Veronica Teel</i>	OIL CONSERVATION DIVISION	
Printed Name: Veronica Teel	Approved by Environmental Specialist: Signed By: <i>Mike Beaman</i>	
Title: Field Admin Support	Approval Date: JUL 29 2013	Expiration Date:
E-mail Address: Veronica.Teel@dmv.com	Conditions of Approval: Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION	Attached <input type="checkbox"/>
Date: July 26, 2013 Phone: 575-748-9933	PROPOSAL NO LATER THAN: August 29, 2013	

* Attach Additional Sheets If Necessary

2RP-1771

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

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-141
Revised August 8, 2011

JUL 25 2016

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

RECEIVED

Release Notification and Corrective Action

NAB 1621055488

OPERATOR

Initial Report Final Report

Name of Company <i>Devon Energy Production Company 10/37</i>		Contact <i>Matt Nettles, Production Foreman</i>
Address <i>6488 Seven Rivers Hwy Artesia, NM 88210</i>		Telephone No. <i>575.513-5767</i>
Facility Name <i>North Pure Gold 9 Federal 1</i>		Facility Type <i>Oil Well</i>

Surface Owner <i>Federal</i>	Mineral Owner <i>Federal</i>	API No <i>30-015-27178</i>
------------------------------	------------------------------	----------------------------

LOCATION OF RELEASE

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

Latitude: 32.3125916

Longitude: -103.7849503

NATURE OF RELEASE

Type of Release <i>Produced Water (PW) & Oil</i>	Volume of Release <i>3BBLS PW & 2BBLS Oil</i>	Volume Recovered <i>0BBLS</i>
Source of Release <i>Hole in the flowline</i>	Date and Hour of Occurrence <i>7/24/2016 @ 9:20AM</i>	Date and Hour of Discovery <i>7/24/2016 @ 9:20AM</i>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <i>OCD-Mike Bratcher BLM-Shelly Tucker</i>	
By Whom? <i>Leonard Aguilar, Assistant Production Foreman</i>	Date and Hour <i>OCD-7/24/2016 @ 10:03AM BLM-7/24/2016 @ 10:00AM</i>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse <i>N/A</i>	

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.

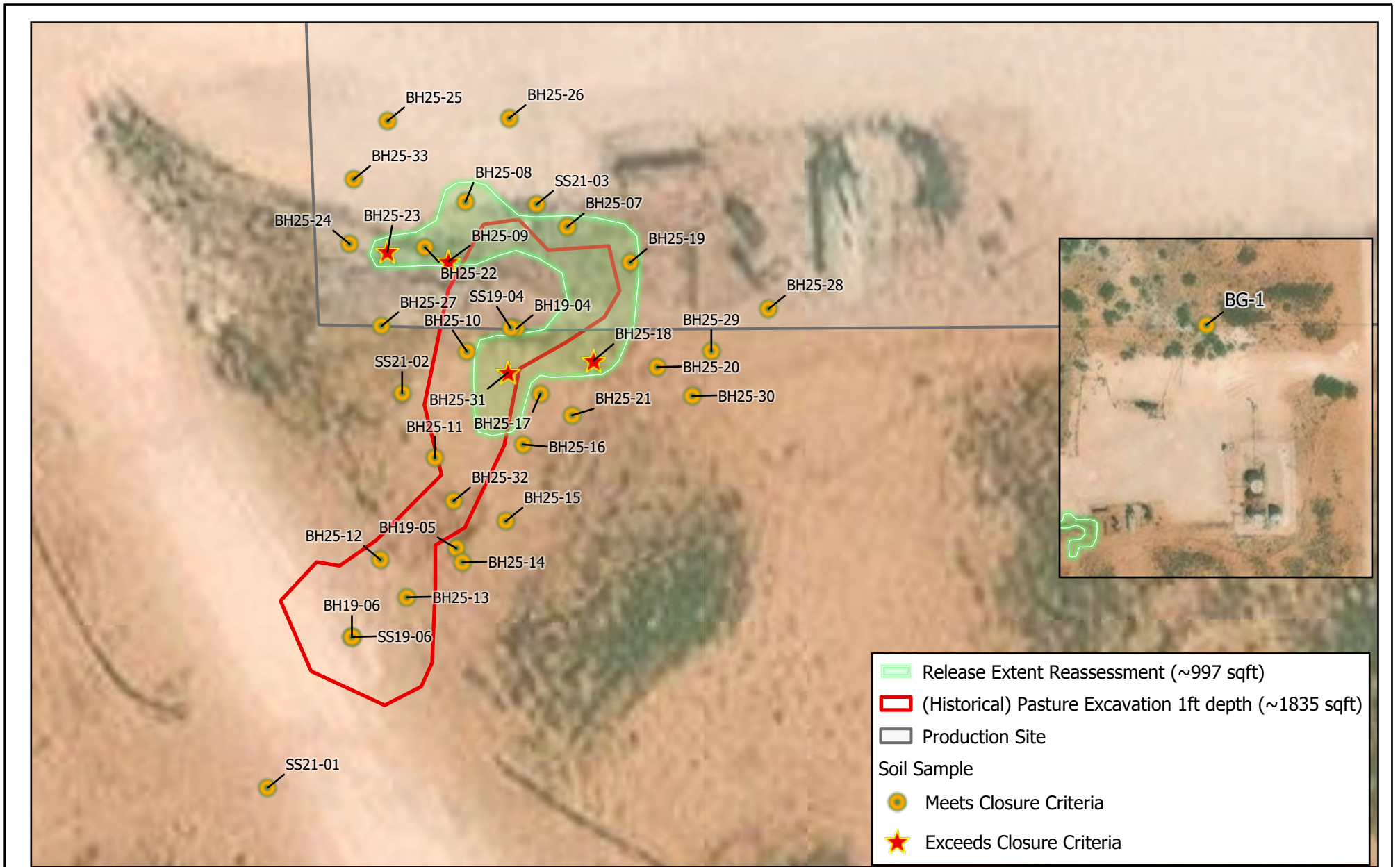
Describe Area Affected and Cleanup Action Taken.*

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: <i>Dana DeLaRosa</i>	OIL CONSERVATION DIVISION	
Printed Name: <i>Dana DeLaRosa</i>	Signed By <i>Mike Bratcher</i>	
Title: <i>Field Admin Support</i>	Approved by Environmental Specialist:	Approval Date: <i>7/26/16</i> Expiration Date: <i>N/A</i>
E-mail Address: <i>dana.delarosa@dvn.com</i>	Remediation per O.C.D. Rules & Guidelines	
Date: <i>7/25/2016</i> Phone: <i>575.746.5594</i>	SUBMIT REMEDIATION PROPOSAL NO LATER THAN: <i>8/11/16</i> Attached <input type="checkbox"/> <i>ARP-3805</i>	

ATTACHMENT 2



VERTEX

Map Center:
Lat/Long: 32.312178°N, 103.785149°W
Date: Sep 23/25

0 15 30 ft
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

N

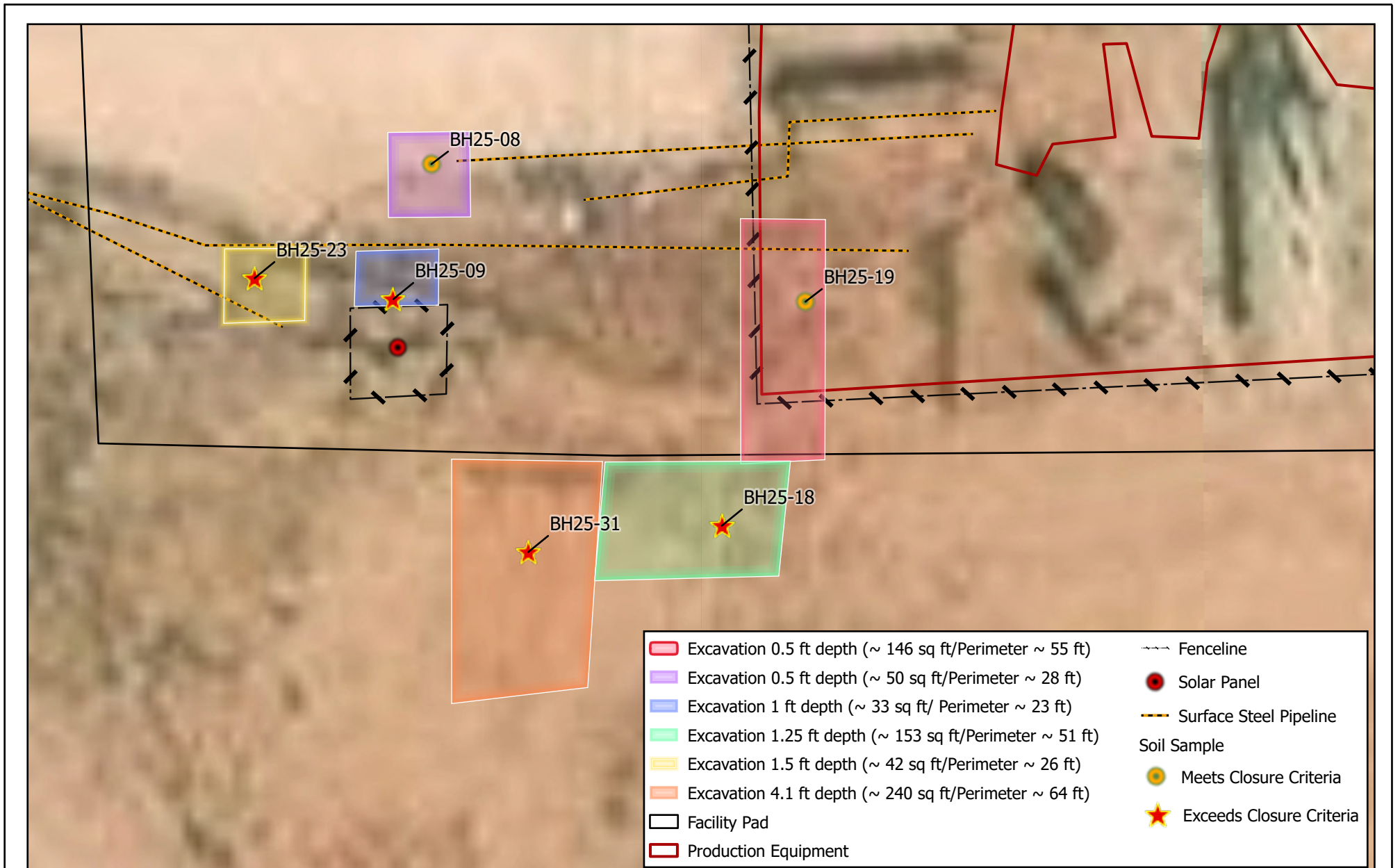
Characterization Sample Site Schematic
Incident ID # nJMW1321055692; nAB1621055488
North Pure Gold 9 Federal #001

FIGURE:
1

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.



VERTEX

Map Center:
Lat/Long: 32.31224°N, 103.785223°W

Date: Sep 23/25

0 7.5 15 ft
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

N

**Proposed Excavation Schematic
North Pure Gold 9 Federal #001**

FIGURE:
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.

ATTACHMENT 3

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, 885-32504-1, 885-32508-1, 885-32491-1 and 885-32501-1

Table 3. Characterization Sample Field Screen and Laboratory Results												
Sample Description			Field Screening		Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Extractable Organic Compounds (Petroflag)	Chloride Concentration	Volatile		Extractable					Chloride Concentration
					Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(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
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
BH19-05	0	May 12, 2019	-	-	ND	ND	ND	ND	ND	ND	ND	ND
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
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
BH25-07	0	August 28, 2025	719	202	ND	ND	ND	61	210	61	271	250
	1	August 28, 2025	41	432	ND	ND	ND	ND	ND	ND	ND	370
	2	August 28, 2025	34	399	ND	ND	ND	ND	ND	ND	ND	340
BH25-08	0	August 28, 2025	1,074	4,293	ND	ND	ND	240	640	240	880	3,500
	1	August 28, 2025	199	2,879	ND	ND	ND	ND	ND	ND	ND	2,500
	2	August 28, 2025	41	1,124	ND	ND	ND	ND	ND	ND	ND	790
	3	August 28, 2025	44	1,001	ND	ND	ND	ND	ND	ND	ND	480
BH25-09	0	August 28, 2025	1,015	ND	ND	ND	ND	3,200	5,600	3,200	8,800	57
	1	August 28, 2025	299	3,621	ND	ND	ND	11	ND	11	11	3,200
	2	August 28, 2025	46	1,137	ND	ND	ND	ND	ND	ND	ND	790
	3	August 28, 2025	37	262	ND	ND	ND	ND	ND	ND	ND	110
BH25-10	0	August 28, 2025	87	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	39	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	39	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-11	0	August 28, 2025	112	ND	ND	ND	ND	13	ND	13	13	ND
	1	August 28, 2025	19	ND	ND	ND	ND	ND	ND	ND	ND	65
	2	August 28, 2025	16	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-12	0	August 28, 2025	42	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	21	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	18	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-13	0	August 28, 2025	27	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	106	ND	ND	ND	ND	ND	ND	ND	ND	88
	2	August 28, 2025	39	ND	ND	ND	ND	ND	ND	ND	ND	79
	3	August 28, 2025	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-14	0	August 28, 2025	75	ND	ND	ND	ND	ND	ND	ND	ND	52
	1	August 28, 2025	23	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	15	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-15	0	August 28, 2025	36	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	27	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	20	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-16	0	August 28, 2025	23	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 28, 2025	16	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	32	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-17	0	August 28, 2025	223	ND	ND	ND	ND	13	ND	13	13	ND
	1	August 28, 2025	76	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 28, 2025	32	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-18	0	August 28, 2025	144	ND	ND	ND	ND	15	ND	15	15	ND
	1	August 28, 2025	445	ND	ND	ND	ND	64	150	64	214	ND
	2	August 28, 2025	38	ND	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: P905047, 1907D74, 2108C51, 885-32504-1, 885-32508-1, 885-32491-1 and 885-32501-1

Table 3. Characterization Sample Field Screen and Laboratory Results												
Sample Description			Field Screening		Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Extractable Organic Compounds (Petroflag)	Chloride Concentration	Volatile		Extractable					Chloride Concentration
					Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(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	1,024	ND	ND	ND	ND	200	590	200	790	78
	1	August 28, 2025	43	ND	ND	ND	ND	17	ND	17	17	ND
	2	August 28, 2025	26	ND	ND	ND	ND	ND	ND	ND	ND	80
BH25-20	0	August 29, 2025	196	150	ND	ND	ND	ND	ND	ND	ND	140
	1	August 29, 2025	34	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 29, 2025	45	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-21	0	August 29, 2025	81	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 29, 2025	25	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 29, 2025	14	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-22	0	August 29, 2025	491	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 29, 2025	448	ND	ND	ND	ND	17	ND	17	17	79
	2	August 29, 2025	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-23	0	August 30, 2025	1,251	ND	ND	ND	ND	1,400	2,400	1,400	3,800	ND
	1	August 30, 2025	1,276	14	ND	ND	ND	990	2,100	990	3,090	52
	2	August 30, 2025	60	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-24	0	August 30, 2025	38	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 30, 2025	30	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 30, 2025	42	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-25	0	August 30, 2025	33	415	ND	ND	ND	ND	ND	ND	ND	280
	1	August 30, 2025	24	ND	ND	ND	ND	ND	ND	ND	ND	100
	2	August 30, 2025	24	ND	ND	ND	ND	ND	ND	ND	ND	83
BH25-26	0	August 30, 2025	24	262	ND	ND	ND	ND	ND	ND	ND	190
	1	August 30, 2025	21	ND	ND	ND	ND	ND	ND	ND	ND	54
	2	August 30, 2025	20	ND	ND	ND	ND	ND	ND	ND	ND	69
BH25-27	0	August 30, 2025	61	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 30, 2025	29	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 30, 2025	27	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH25-28	0	August 31, 2025	22	62	ND	ND	ND	ND	ND	ND	ND	ND
	1	August 31, 2025	18	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 31, 2025	33	31	ND	ND	ND	ND	ND	ND	ND	ND
BH25-29	0	August 31, 2025	23	95	ND	ND	ND	ND	ND	ND	ND	78
	1	August 31, 2025	19	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 31, 2025	44	132	ND	ND	ND	ND	ND	ND	ND	100
BH25-30	0	August 31, 2025	70	60	ND	ND	ND	ND	ND	ND	ND	57
	1	August 31, 2025	50	196	ND	ND	ND	ND	ND	ND	ND	110
	2	August 31, 2025	21	12	ND	ND	ND	ND	ND	ND	ND	ND
BH25-31	0	August 31, 2025	-	76	ND	ND	9	7,500	4,500	7,509	12,009	130
	1	August 31, 2025	-	124	ND	ND	57	6,100	3,500	6,157	9,657	57
	2	August 31, 2025	-	4	0.052	0.74	87	4,700	2,800	4,787	7,587	ND
	3	August 31, 2025	-	23	ND	ND	ND	230	130	230	360	58
	4	August 31, 2025	-	62	ND	ND	ND	110	87	110	197	77
	5	August 31, 2025	-	90	ND	ND	ND	ND	ND	ND	ND	50
	6	August 31, 2025	-	33	ND	ND	ND	10	ND	10	10	ND
	7	August 31, 2025	-	56	ND	ND	ND	ND	ND	ND	ND	ND
8	August 31, 2025	17	62	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: P905047, 1907D74, 2108C51, 885-32504-1, 885-32508-1, 885-32491-1 and 885-32501-1

Table 3. Characterization Sample Field Screen and Laboratory Results												
Sample Description			Field Screening		Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Extractable Organic Compounds (Petroflag)	Chloride Concentration	Volatile		Extractable					Chloride Concentration
					Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Depth to Groundwater >100 feet bgs												
BH25-32	0	August 31, 2025	-	ND	ND	ND	ND	23	ND	23	23	ND
	1	August 31, 2025	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	August 31, 2025	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3	August 31, 2025	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4	August 31, 2025	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5	August 31, 2025	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6	August 31, 2025	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7	August 31, 2025	-	92	ND	ND	ND	ND	ND	ND	ND	ND
	8	August 31, 2025	33	59	ND	ND	ND	ND	ND	ND	ND	ND
BH25-33	0	August 31, 2025	32	170	ND	ND	ND	ND	ND	ND	ND	96
	1	August 31, 2025	26	137	ND	ND	ND	ND	ND	ND	ND	94
	2	August 31, 2025	18	204	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



ATTACHMENT 4



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:

Date: 5/20/19

Walter Hinchman, Laboratory Director



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.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, currently holds the appropriate and available Utah TNi certification NM009792018-1 for the data reported.



Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: North Pure Gold 9 Fed #1
Project Number: 19031-0001
Project Manager: Amanda Davis

Reported:
05/20/19 16:04

Analytical 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.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

BH19-01 2'
P905047-01 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

BH19-02 2'
P905047-02 (Solid)

Analyte	Reporting								Notes
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-03 2'
P905047-03 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	-----------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: North Pure Gold 9 Fed #1 Project Number: 19031-0001 Project Manager: Amanda Davis	Reported: 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
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		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
----------	----	------	-------	---	---------	----------	----------	--------------------

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: North Pure Gold 9 Fed #1 Project Number: 19031-0001 Project Manager: Amanda Davis	Reported: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

BH19-06 2'
P905047-06 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	------	------	-------	---	---------	----------	----------	-----------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-07 4'
P905047-07 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: North Pure Gold 9 Fed #1 Project Number: 19031-0001 Project Manager: Amanda Davis	Reported: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	------------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-09 4'
P905047-09 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-10 1'
P905047-10 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %		50-150	1920021	05/14/19	05/17/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-11 1'
P905047-11 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %		50-150	1920021	05/14/19	05/18/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-12 1'
P905047-12 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %		50-150	1920021	05/14/19	05/18/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-13 1'
P905047-13 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %		50-150	1920021	05/14/19	05/18/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-14 2'
P905047-14 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %		50-150	1920021	05/14/19	05/18/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	-------------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-15 2'
P905047-15 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %		50-150	1920021	05/14/19	05/18/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		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	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-16 6'
P905047-16 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>106 %</i>		<i>50-150</i>	<i>1920021</i>	<i>05/14/19</i>	<i>05/18/19</i>	<i>EPA 8021B</i>	

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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>95.8 %</i>		<i>50-150</i>	<i>1920021</i>	<i>05/14/19</i>	<i>05/18/19</i>	<i>EPA 8015D</i>	
<i>Surrogate: n-Nonane</i>		<i>99.6 %</i>		<i>50-200</i>	<i>1920020</i>	<i>05/14/19</i>	<i>05/15/19</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	32.3	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	
----------	-------------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-17 2'
P905047-17 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>102 %</i>		<i>50-150</i>	<i>1920021</i>	<i>05/14/19</i>	<i>05/18/19</i>	<i>EPA 8021B</i>	

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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>93.1 %</i>		<i>50-150</i>	<i>1920021</i>	<i>05/14/19</i>	<i>05/18/19</i>	<i>EPA 8015D</i>	
<i>Surrogate: n-Nonane</i>		<i>101 %</i>		<i>50-200</i>	<i>1920020</i>	<i>05/14/19</i>	<i>05/15/19</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	144	20.0	mg/kg	1	1920026	05/15/19	05/15/19	EPA 300.0/9056A	
----------	------------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

TP19-19 8'
P905047-19 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

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	
----------	------------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: North Pure Gold 9 Fed #1
Project Number: 19031-0001
Project Manager: Amanda Davis

Reported:
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			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



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.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Pura Gold 9 Fed #1

Client: Dexon Energy
 Project: ~~XXXXXXXXXX~~
 Project Manager: Amanda Davis
 Address: 6498 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: Danny 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

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
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
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) <u>[Signature]</u>	Date <u>5-12-2019</u>	Time <u>4:00 PM</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-12-2019</u>	Time <u>4:00 PM</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-13-19</u>	Time <u>12:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-13-19</u>	Time <u>12:15</u>

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

Sample Matrix: S Soil, Sg 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.



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

Released to Imaging: 11/14/2025 10:40:55 AM

Received by OCD: 10/2/2025 10:49:55 AM

Page 41 of 408

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@devon.com

Report Attention
 Report due by: 7 days
 Attention: Dennis Williams
 Address: 213 S mesa st
 City, State, Zip: Carlsbad, NM, 88220
 Phone: 575 381-1137
 Email: dwilliams@vertextx.com
Permaien@vertextx.com

Lab Use Only
 Lab WO# P905047 Job Number 19031-0001
TAT
 1D 3D RCRA CWA SDWA

Analysis and Method							State			
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	NM	CO	UT	AZ
✓	✓	✓			✓		✓			
✓	✓	✓			✓					
✓	✓	✓			✓					
✓	✓	✓			✓					
✓	✓	✓			✓					
✓	✓	✓			✓					
✓	✓	✓			✓					
✓	✓	✓			✓					
✓	✓	✓			✓					
✓	✓	✓			✓					

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number
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 - Perchart 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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-12-2019</u>	Time <u>4:00 PM</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-12-2019</u>	Time <u>4:00 PM</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-13-19</u>	Time <u>12:15</u>	Received by: (Signature) <u>Courtney Stovall</u>	Date <u>5-13-19</u>	Time <u>12:15</u>

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.

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.



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

Released to: Imaging - 11/14/2025 10:46:55 AM

Received by: OCD: 10/2/2025 10:49:55 AM

Page 42 of 408



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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

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 Quantitative 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 Quantitative 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 2'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 9:40:00 AM

Lab ID: 1907D74-003

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	9.4		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 Quantitative 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: SS19-03 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 9:45:00 AM

Lab ID: 1907D74-004

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	9.5		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 Quantitative 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 Quantitative 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: SS19-06 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 9:55:00 AM

Lab ID: 1907D74-006

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	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 Quantitative 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 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:00:00 AM

Lab ID: 1907D74-007

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 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 Quantitative 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 Quantitative 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: BH19-08 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:10:00 AM

Lab ID: 1907D74-009

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	9.9		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.	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 Quantitative 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: BH19-08 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 Quantitative 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: BH19-09 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:20:00 AM

Lab ID: 1907D74-011

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	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 Quantitative 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: BH19-09 2'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:25:00 AM

Lab ID: 1907D74-012

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 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 Quantitative 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: SS19-10 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:30:00 AM

Lab ID: 1907D74-013

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	9.7		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 Quantitative 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: SS19-11 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:35:00 AM

Lab ID: 1907D74-014

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	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 Quantitative 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: SS19-12 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:40:00 AM

Lab ID: 1907D74-015

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)	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 Quantitative 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: SS19-13 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 10:45:00 AM

Lab ID: 1907D74-016

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)	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 Quantitative 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.	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 Quantitative 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: SS19-15 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 Quantitative 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: BH19-16 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:00:00 AM

Lab ID: 1907D74-019

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)	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 Quantitative 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: BH19-16 '2

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:05:00 AM

Lab ID: 1907D74-020

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)	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.	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 Quantitative 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: BH19-16 4'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:10:00 AM

Lab ID: 1907D74-021

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)	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.	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 Quantitative 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: SS19-17 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:15:00 AM

Lab ID: 1907D74-022

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)	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.	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 Quantitative 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: BH19-18 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:20:00 AM

Lab ID: 1907D74-023

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)	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.	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 Quantitative 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: BH19-18 2'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:25:00 AM

Lab ID: 1907D74-024

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)	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 Quantitative 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: BH19-18 4'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:30:00 AM

Lab ID: 1907D74-025

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)	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 Quantitative 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: BH19-18 6'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:35:00 AM

Lab ID: 1907D74-026

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)	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.	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 Quantitative 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: BH19-18 8'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:40:00 AM

Lab ID: 1907D74-027

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)	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.	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 Quantitative 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: BH19-18 10'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:45:00 AM

Lab ID: 1907D74-028

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)	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.	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 Quantitative 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: BH19-18 12'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:50:00 AM

Lab ID: 1907D74-029

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)	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 Quantitative 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: BH19-18 14'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 11:55:00 AM

Lab ID: 1907D74-030

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)	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 Quantitative 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: BH19-18 16'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:00:00 PM

Lab ID: 1907D74-031

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)	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.	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 Quantitative 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: BH19-18 18'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:05:00 PM

Lab ID: 1907D74-032

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)	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 Quantitative 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: BH19-18 20'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:10:00 PM

Lab ID: 1907D74-033

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)	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.	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 Quantitative 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: BH19-18 22'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:15:00 PM

Lab ID: 1907D74-034

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)	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 Quantitative 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 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:20:00 PM

Lab ID: 1907D74-035

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)	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.	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 Quantitative 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 2'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:25:00 PM

Lab ID: 1907D74-036

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)	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 Quantitative 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 4'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:30:00 PM

Lab ID: 1907D74-037

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)	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 Quantitative 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.	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 Quantitative 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: BH19-20 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:40:00 PM

Lab ID: 1907D74-039

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)	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.	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 Quantitative 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: BH19-20 2'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:45:00 PM

Lab ID: 1907D74-040

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)	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.	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 Quantitative 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: BH19-20 4'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 12:50:00 PM

Lab ID: 1907D74-041

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)	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.	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 Quantitative 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: BH19-20 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 Quantitative 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: BG-1 0'

Project: North Pure Gold 9 Fed 1

Collection Date: 7/24/2019 1:00:00 PM

Lab ID: 1907D74-043

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	7/31/2019 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.	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 Quantitative 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: 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 Quantitative 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: ics	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: ics	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 Quantitative 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 Quantitative 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative 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: 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 Quantitative 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 Quantitative 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 Quantitative 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative 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 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 Quantitative 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
 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: *Dany Ferrare 7/26/2019*

DZ
Michelle Garcia

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:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

16. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.0	Good	Yes			

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 Feb 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: 3.9 (1) DAD 7/26/19
 Cooler Temp (including CF): 3.9 to 10.1 = 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

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	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
7-24-19	9:30	S	SS19-01 0'	1 Jar	ice	1907074 001
	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: 7-25-19 Time: 1:20pm Relinquished by: [Signature] Received by: [Signature] Via: _____ Date: 7/28/19 Time: 1330

Date: 7/26/19 Time: 1900 Relinquished by: [Signature] Received by: [Signature] Via: Courier Date: 7/26/19 Time: 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.

Chain-of-Custody Record

Client: Devon Energy

Mailing Address: 6488 W 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 Coal 9 Fed 1

Project #:
1A E - 00575

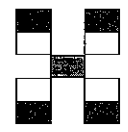
Project Manager: Dennis Williams
Permit@Vertex.ca ; Amanda Davis
Amanda.Davis@DVN.Com

Sampler: Jason Crabtree

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CE): 3.9 to 4.1 = 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.	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	Cd, Cr, 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	1907D14	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: 7-25-19 Time: 1:20 PM Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 7/25/19 Time: 1:30

Remarks: _____

Date: 7/25/19 Time: 1:00 Relinquished by: [Signature]

Received by: [Signature] Via: Courier Date: 7/26/19 Time: 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.

Chain-of-Custody Record

Client: Duron 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

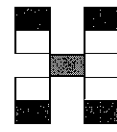
Project Name:
North Pine Golf 9 Feb 1

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): 39 + 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.	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	1907D74 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: 7-25-19 Time: 1:00pm Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 7/25/19 Time: 1:30

Remarks: _____

Date: 7/25/19 Time: 1:00 Relinquished by: [Signature]

Received by: [Signature] Via: Courier Date: 7/26/19 Time: 8:45

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.

Chain-of-Custody Record

Client: Devon Energy

Mailing Address: 6489 7 Rivers HWY

Artesia, NM 88210

Phone #: 505-350-1336

email or Fax#: Amanda.Davis@DEVN.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 Pine Gold 9 Feb 1

Project #: 19E-00575

Project Manager: Demis Williams
Permian@Vertex.ca; Amanda Davis
Amanda.Davis@DEVN.com

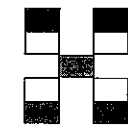
Sampler: Jason Crabtree

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 3.9 to 0.1 = 4.0°

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	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		B6-1 0'			043										
	1:05		B6-1 2'			044										



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date: 7-25-19 Time: 1:20 PM Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 7/25/19 Time: 1:30

Remarks:

Date: 7/25/19 Time: 1:00 Relinquished by: [Signature]

Received by: [Signature] Via: Courier Date: 7/26/19 Time: 8:45

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
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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

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 Quantitative 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 Quantitative 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 Quantitative 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 Quantitative 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 Quantitative 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: ics-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. | 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 Quantitative 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.

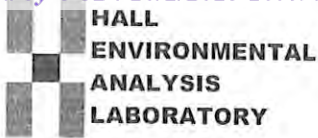
Project: North Pure Gold 9 Federal 1H

Sample ID: mb-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: ics-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 Quantitative 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
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

Handwritten signatures: Cason, Sean Livingston

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C? Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: KPA 8/24/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 6 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 3.3, Good, [], [], []

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**

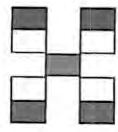
Project Manager: **Brandon Schafer**

Sampler: **ANT**

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.	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: **8/20/21** Time: **1430** Relinquished by: **[Signature]**

Received by: **[Signature]** Via: **CC** Date: **8/24/21** Time: **0715**

Remarks: **CC: Brandon Schafer
bschafer@vertex.ca**

Date: **8/24/21** Time: **1430** Relinquished by: **[Signature]**

Received by: **[Signature]** Via: **CC** Date: **8/24/21** Time: **0715**

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 noted on the analytical report.



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

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



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 12:59:52 PM
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



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	50
QC Association Summary	60
Lab Chronicle	69
Certification Summary	83
Chain of Custody	84
Receipt Checklists	88

Definitions/Glossary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Case Narrative

Client: Vertex
Project: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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.

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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'

Lab Sample ID: 885-32504-2

Date Collected: 08/28/25 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		4.7	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'

Lab Sample ID: 885-32504-3

Date Collected: 08/28/25 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		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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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
<i>Di-n-octyl phthalate (Surr)</i>	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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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'

Lab Sample ID: 885-32504-16

Date Collected: 08/28/25 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		09/05/25 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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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
<i>Di-n-octyl phthalate (Surr)</i>	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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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
<i>Di-n-octyl phthalate (Surr)</i>	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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

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
<i>Di-n-octyl phthalate (Surr)</i>	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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

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	%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	%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	%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	%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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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 LCS		Limits
	%Recovery	Qualifier	
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 MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
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 MS		Limits
	%Recovery	Qualifier	
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 MSD		Unit	D	%Rec	%Rec Limits	RPD	
				Result	Qualifier					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 MSD		Limits
	%Recovery	Qualifier	
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 MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	88		15 - 150	09/05/25 12:58	09/10/25 19:02	1

Eurofins Albuquerque

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

Eurofins Albuquerque

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	%Recovery	MB 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 LCS Result Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	57.3	mg/Kg		115	51 - 148

Surrogate	%Recovery	LCS 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 MS Result Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		50.0	34.1	mg/Kg		68	44 - 136

Surrogate	%Recovery	MS 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 MSD Result 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	%Recovery	MSD 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 MB Result 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	%Recovery	MB 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

Eurofins Albuquerque

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	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

Eurofins Albuquerque

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		Limits
	%Recovery	Qualifier	
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

Surrogate	MS		Limits
	%Recovery	Qualifier	
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	Limit
	Diesel Range Organics [C10-C28]	ND		47.1	53.1		mg/Kg		113	44 - 136	8

Surrogate	MSD		Limits
	%Recovery	Qualifier	
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	MRL	Unit	D	%Rec	%Rec
		Result	Qualifier				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

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	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Chloride	49.8	49.4		mg/Kg		99	90 - 110

Eurofins Albuquerque

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	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

Eurofins Albuquerque

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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	

Eurofins Albuquerque

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	

Eurofins Albuquerque

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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	

Eurofins Albuquerque

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32504-1

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																																				
<p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>300.0</td> <td>300_Prep</td> <td>Solid</td> <td>Chloride</td> </tr> <tr> <td>8015M/D</td> <td>5030C</td> <td>Solid</td> <td>Gasoline Range Organics (GRO)-C6-C10</td> </tr> <tr> <td>8015M/D</td> <td>SHAKE</td> <td>Solid</td> <td>Diesel Range Organics [C10-C28]</td> </tr> <tr> <td>8015M/D</td> <td>SHAKE</td> <td>Solid</td> <td>Motor Oil Range Organics [C28-C40]</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Benzene</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Ethylbenzene</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Toluene</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Xylenes, Total</td> </tr> </tbody> </table>				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
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																																				



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

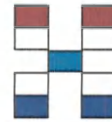
Project Manager:
 Kent Stallings
kstallings@vertex.ca

Sampler: **L. Pullman**

On Ice: Yes No **chucky**

of Coolers: **1**

Cooler Temp (including CF): **3.1 + 0.2 = 3.3°**



HALL ENVIRONMENTAL ANALYSIS LABORATORY



www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87108 885-32504 COC
 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	CI	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: 9-2-25	Time: 07:00	Relinquished by: <i>L. Pullman</i>	Received by: <i>Commis</i>	Via: <i>courier</i>	Date: 9/3/25	Time: 7:00
Date: 9/3/25	Time: 19:00	Relinquished by: <i>Commis</i>	Received by: <i>Commis</i>	Via: <i>courier</i>	Date: 9/4/25	Time: 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.

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 *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°*



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: 9-2-25	Time: 07:00	Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Via: <i>[Signature]</i>	Date: 9/3/25	Time: 7:00	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
Date: 9/3/25	Time: 19:10	Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Via: <i>[Signature]</i>	Date: 9/4/25	Time: 8:10	

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.

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 to 2.3 = 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	CI	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: 9/2/25	Time: 0700	Relinquished by: <i>L.Pullman</i>	Received by: <i>[Signature]</i>	Via: <i>owner</i>	Date: 9/3/25	Time: 700	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
Date: 9/3/25	Time: 1900	Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Via: <i>owner</i>	Date: 9/4/25	Time: 8:00	

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.

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 **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: ()
 Cooler Temp (including CF): **3.1 + 0.2 = 3.3°**



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: 9-3-25	Time: 07:00	Relinquished by: <i>L. Pullman</i>	Received by: <i>Chucky</i>	Via: <i>carrier</i>	Date: 9/3/25	Time: 7:00	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
Date: 9/3/25	Time: 1900	Relinquished by: <i>Chucky</i>	Received by: <i>[Signature]</i>	Via: <i>carrier</i>	Date: 9/4/25	Time: 8:10	

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	





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

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



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



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	15
QC Association Summary	21
Lab Chronicle	25
Certification Summary	28
Chain of Custody	29
Receipt Checklists	30

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
Project: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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.

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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	%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	%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

Eurofins Albuquerque

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	%Recovery	MS 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		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
				Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND	F1	25.0	18.3		mg/Kg		74	70 - 130	10	20

Surrogate	%Recovery	MSD 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	%Recovery	MB 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		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
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	%Recovery	LCS 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

Eurofins Albuquerque

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	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
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	LCS	Limits
	%Recovery	Qualifier	
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	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
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	MS	Limits
	%Recovery	Qualifier	
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	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
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

Eurofins Albuquerque

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

Eurofins Albuquerque

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	%Recovery	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	%Recovery	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	%Recovery	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	%Recovery	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

Eurofins Albuquerque

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	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	Limit
Chloride	ND		50.0	58.0		mg/Kg		116	50 - 150	1	20

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32508-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

Client: **Vertex**

(direct bill to Devon, Jim Raley 1007031601)

Mailing Address: **North Pure Gold 9 Federal #001**

Phone #: **25A-01165**

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard **5-day Rush**

Project Name:

Project #:

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 LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87101

Tel. 505-345-3975 Fax 505-345-4107



885-32508 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)
08.29.25	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			

Date: 9-2-25	Time: 07:00	Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Via: <i>[Signature]</i>	Date: 9/3/25	Time: 7:00	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
Date: 9/3/25	Time: 19:00	Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Via: <i>[Signature]</i>	Date: 9/4/25	Time: 8:10	

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 noted 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	





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

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



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



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	21
QC Association Summary	29
Lab Chronicle	34
Certification Summary	39
Chain of Custody	40
Receipt Checklists	42

Definitions/Glossary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
Project: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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.

Eurofins Albuquerque



Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	%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	%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

Eurofins Albuquerque

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	%Recovery	MS 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	%Recovery	MSD 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	%Recovery	MS 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	%Recovery	MSD 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

Eurofins Albuquerque

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

Eurofins Albuquerque

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	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits	
	Result	Qualifier	Added	Result	Qualifier					
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	
		MS	MS							
Surrogate	%Recovery	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	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					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
		MSD	MSD								
Surrogate	%Recovery	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	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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
		MB	MB					
Surrogate	%Recovery	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	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
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

Eurofins Albuquerque

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 LCS		Limits
	%Recovery	Qualifier	
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	Sample	Spike	MS MS		Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
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 MS		Limits							
%Recovery	Qualifier									
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	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	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 MSD		Limits									
%Recovery	Qualifier											
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 MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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 MB		Limits					
%Recovery	Qualifier			Prepared	Analyzed	Dil Fac		
Di-n-octyl phthalate (Surr)	90		62 - 134	09/09/25 15:59	09/11/25 22:20	1		

Eurofins Albuquerque

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				Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)		111				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

Eurofins Albuquerque

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	%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	%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	%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

Eurofins Albuquerque

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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

Eurofins Albuquerque

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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	Batch 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	Batch 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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32491-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

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 **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): **25 + 0.2 = 27**



HALL ENVIRONMENTAL ANALYSIS LAB

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM
 Tel. 505-345-3975 Fax 505-345-885-32491 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: 9-2-25 Time: 07:00 Relinquished by: *[Signature]*

Date: 9/2/25 Time: 1900 Relinquished by: *[Signature]*

Received by: *[Signature]* Date: 9/3/25 Time: 7:00

Received by: *[Signature]* Date: 9/14/25 Time: 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.

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 *chubby*
 # of Coolers: 1
 Cooler Temp (including CF): **2.5 to 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	CI	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: 9-2-25	Time: 07:00	Relinquished by: <i>L Pullman</i>	Received by: <i>Manning</i>	Via: <i>owner</i>	Date: 9/3/25	Time: 7:00	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
Date: 9/3/25	Time: 19:00	Relinquished by: <i>Manning</i>	Received by: <i>(Signature)</i>	Via: <i>owner</i>	Date: 9/4/25	Time: 8:00	

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: 885-32491-1

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	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

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



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 5:38:06 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



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	36
QC Association Summary	43
Lab Chronicle	50
Certification Summary	60
Chain of Custody	61
Receipt Checklists	64

Definitions/Glossary

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
Project: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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.

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

Eurofins Albuquerque

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	%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	%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	%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	%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

Eurofins Albuquerque

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

Eurofins Albuquerque

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	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

Eurofins Albuquerque

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	
LCS LCS								
Surrogate	%Recovery	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	
MS MS										
Surrogate	%Recovery	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	
MSD MSD												
Surrogate	%Recovery	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 MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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
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	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
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

Lab Sample ID: 885-32501-21 MS
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-32 2'
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-32 2'
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-32 3'
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 33936

Client Sample ID: BH25-32 3'
Prep Type: Total/NA
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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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	

Eurofins Albuquerque

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

Eurofins Albuquerque

QC Association Summary

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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	Batch 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	Batch 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	Batch 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

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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	Batch 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
 Project/Site: North Pure Gold 9 Federal #001

Job ID: 885-32501-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

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 LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87106

Tel. 505-345-3975 Fax 505-345-4107



885-32501 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	CI	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			

Date: 9-2-25 Time: 07:00 Relinquished by: *L. Pullman*
 Received by: *[Signature]* Date: 9/3/25 Time: 7:00
 Date: 9/3/25 Time: 19:00 Relinquished by: *[Signature]*
 Received by: *[Signature]* Date: 9/4/25 Time: 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.

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

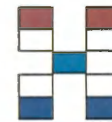
Sampler: **L. Pullman**

On Ice: Yes No **chucky**

of Coolers: **1**

Cooler Temp (including CF): **2.5+0.2= 2.7**

Container Type and #	Preservative Type	HEAL No.
----------------------	-------------------	----------



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	CI	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: **9-2-25** Time: **07:00** Relinquished by: **L. Pullman**

Received by: **Commission** Via: **courier** Date: **9/3/25** Time: **7:00**

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

Date: **9/3/25** Time: **19:00** Relinquished by: **Commission**

Received by: **Commission** Via: **courier** Date: **9/4/25** Time: **8:00**

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.

Chain-of-Custody Record

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): **25 + 0.2 = 27.2**



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: 9-2-25 Time: 07:00 Relinquished by: *[Signature]*
 Received by: *[Signature]* Date: 9/3/25 Time: 7:00
 Date: 9/3/25 Time: 19:00 Relinquished by: *[Signature]*
 Received by: *[Signature]* Date: 9/4/25 Time: 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: 885-32501-1

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	

ATTACHMENT 5



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



Descriptive Photo
Viewing Direction: East
Desc: Area hand excavated on pad in front of heater
Created: 4/9/2020 10:48:10 AM
Lat:32.312351, Long:-103.785183

Area hand excavated on pad in front of heater

Viewing Direction: North



Descriptive Photo
Viewing Direction: North
Desc: Area of hand excavation under piping on south side of location
Created: 4/9/2020 10:48:10 AM
Lat:32.312351, Long:-103.785183

Area of hand excavation under piping on south side of location

Viewing Direction: South



Descriptive Photo
Viewing Direction: South
Desc: Pasture area where excavation occurred
Created: 4/9/2020 10:48:10 AM
Lat:32.312351, Long:-103.785183

Pasture area where excavation occurred

Viewing Direction: Southwest

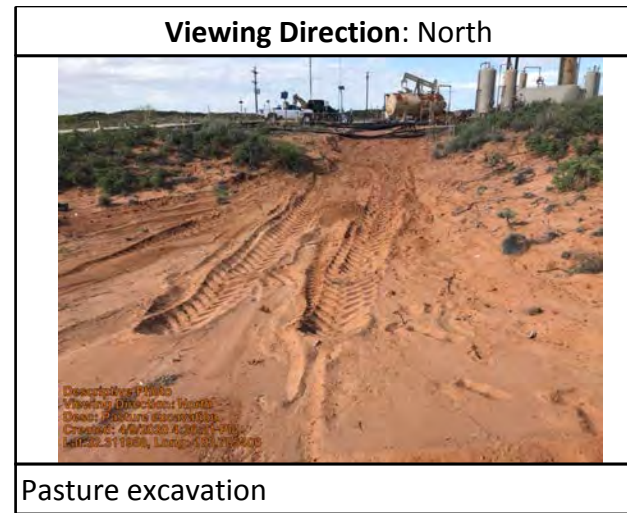
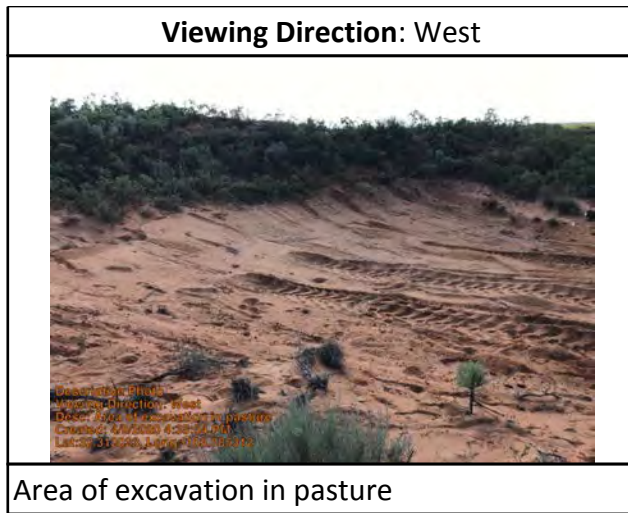


Descriptive Photo
Viewing Direction: Southwest
Desc: Pasture area where excavation occurred
Created: 4/9/2020 10:48:10 AM
Lat:32.312351, Long:-103.785183

Pasture area where excavation occurred



Daily Site Visit Report



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:	8/28/2025		

Summary of Times

Arrived at Site	8/28/2025 8:32 AM
Departed Site	8/28/2025 6:09 PM

Field Notes

- 9:00** Completed JSA on arrival. On site to delineate portion of historical excavation off southwest edge of pad that exceeds reclamation closure criteria.
- 9:19** Swept historical excavation and surrounding area with magnetic locator prior to ground disturbance.
- 17:59** Advanced boreholes BH25-07 through BS25-19 to 4 feet bgs around edges of potential staining. Samples were collected at 0, 1, 2, 3, and 4 feet from each borehole.
- 18:07** Field screening results from BH25-18 sample collected at 4 feet bgs exceeded NMOCD strictest threshold. Original field screening method was electro conductivity. Sample will be tested again with titration. All other samples met closure criterion for chloride.
- 18:07** Samples to be tested for TPH the following day.
- 18:08** Mapped borehole locations in ArcGIS.

Next Steps & Recommendations

- 1** Continue delineation.



Daily Site Visit Report

Site Photos

Viewing Direction: Northeast



Descriptive Photo - 1
Viewing Direction: Northeast
Desc: West of production equipment facing northeast. Advanced BH25-07 north of historical excavation.
Created: 8/28/2025 2:47:23 PM
Lat:32.312336, Long:-103.785334

West of production equipment facing northeast. Advanced BH25-07 north of historical excavation.

Viewing Direction: East



Descriptive Photo - 2
Viewing Direction: East
Desc: West of production equipment facing east. Advanced BH25-08 north of historical excavation.
Created: 8/28/2025 2:47:23 PM
Lat:32.312336, Long:-103.785334

West of production equipment facing east. Advanced BH25-08 north of historical excavation.



Daily Site Visit Report

Viewing Direction: East

West of production equipment facing east. Advanced BH25-09 west of historical excavation.

Description Photo 3
Viewing Direction: East
Date: South of production equipment facing east. Advanced BH25-09 west of historical excavation.
Created: 8/28/2025 2:46:42 PM
Lat: 32.312235, Long: -103.785331

Viewing Direction: Northeast

Southwest of production equipment facing northeast. Advanced BH25-10 within boundaries of historical excavation.

Description Photo 4
Viewing Direction: Northeast
Date: Southwest of production equipment facing northeast. Advanced BH25-10 within boundaries of historical excavation.
Created: 8/28/2025 2:51:21 PM
Lat: 32.312235, Long: -103.785331

Viewing Direction: North

South of pad facing north . Advanced BH25-11 on west edge of historical excavation.

Description Photo 5
Viewing Direction: North
Date: South of pad facing north. Advanced BH25-11 on west edge of historical excavation.
Created: 8/28/2025 2:53:11 PM
Lat: 32.312235, Long: -103.785331

Viewing Direction: Northeast


South of pad facing northeast. Advanced BH25-12 within boundaries of historical excavation.

Description Photo 6
Viewing Direction: Northeast
Date: South of pad facing northeast. Advanced BH25-12 within boundaries of historical excavation.
Created: 8/28/2025 2:55:05 PM
Lat: 32.312235, Long: -103.785331




Daily Site Visit Report

Viewing Direction: North




South of pad facing north. Advanced BH25-13 within boundaries of historical excavation.

Viewing Direction: North




South of pad facing north. Advanced BH25-14 east of historical excavation.

Viewing Direction: North



South of pad facing north. Advanced BH25-15 east of historical excavation.

Viewing Direction: Northwest



South of pad facing north. Advanced BH25-16 east of historical excavation.



Daily Site Visit Report

Viewing Direction: North



Descriptive Photo - 11
Viewing Direction: North
Elev: South of pad facing north. Advanced BH25-17 east of historical excavation.
Created: 8/29/2025 3:04:00 PM
Lat:32.512187, Long:-103.785277

South of pad facing north. Advanced BH25-17 east of historical excavation.

Viewing Direction: North



Descriptive Photo - 12
Viewing Direction: North
Elev: Southwest of production equipment facing north. Advanced BH25-18 southeast
Created: 8/29/2025 3:05:35 PM
Lat:32.512336, Long:-103.785147

Southwest of production equipment facing north. Advanced BH25-18 southeast of historical excavation.

Viewing Direction: West



Descriptive Photo - 13
Viewing Direction: West
Elev: Inside of production equipment area facing west. Advanced BH25-19 east of h
Created: 8/29/2025 3:07:00 PM
Lat:32.512336, Long:-103.785200

Inside of production equipment area facing west. Advanced BH25-19 east of historical excavation.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line.

Signature:

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:	8/29/2025		

Summary of Times

Arrived at Site	8/29/2025 6:51 AM
Departed Site	8/29/2025 5:39 PM

Field Notes

- 7:23** Completed JSA on arrival. On site to continue delineation of historical excavation off southwest edge of pad that exceeds reclamation closure criteria.
- 7:23** Swept historical excavation and surrounding area with magnetic locator prior to ground disturbance.
- 19:43** Field screened samples collected previous day for TPH.
- 19:45** Advanced boreholes BH25-20, BS25-21 and BS25-22 to 2 feet bgs for horizontal delineation. Samples were collected at 0, 1, and 2 feet from each borehole.

Next Steps & Recommendations

- 1 Continue delineation.



Daily Site Visit Report

Site Photos

Viewing Direction: West



Descriptive Photo - 1
Viewing Direction: West
West of production equipment facing west.
Created: 10/2/2025 10:49 AM
Latitude: 31.9446, Longitude: 104.9553

West of production equipment facing west.

Viewing Direction: South



Descriptive Photo - 2
Viewing Direction: South
West of production equipment facing south.
Created: 10/2/2025 10:49 AM
Latitude: 31.9446, Longitude: 104.9553

West of production equipment facing south.

Viewing Direction: Northeast



Descriptive Photo - 3
Viewing Direction: Northeast
At site entrance facing northeast.
Created: 10/2/2025 10:49 AM
Latitude: 31.9446, Longitude: 104.9553

At site entrance facing northeast.

Viewing Direction: West



Descriptive Photo - 4
Viewing Direction: West
South of production equipment facing west. Advanced borehole BH25-20 east of BH25-18.
Created: 10/2/2025 10:49 AM
Latitude: 31.9446, Longitude: 104.9553

South of production equipment facing west.
Advanced borehole BH25-20 east of BH25-18.



Daily Site Visit Report

Viewing Direction: North



South of production equipment facing north. Advanced borehole BH25-21 east-southeast of BH25-17.

Viewing Direction: East



West of production equipment facing east. Advanced borehole BH25-22 west of BH25-09.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line.

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:	8/30/2025		

Summary of Times

Arrived at Site	8/30/2025 7:47 AM
Departed Site	8/30/2025 5:34 PM

Field Notes

- 7:56** Completed JSA on arrival. On site to continue delineation of historical excavation off southwest edge of pad that exceeds reclamation closure criteria.
- 8:09** Swept historical excavation and surrounding area with magnetic locator prior to ground disturbance.
- 19:17** Advanced boreholes BH25-23, BH25-24, BH25-25, BH25-26, and BH25-27 to 2 feet bgs for horizontal delineation. Samples were collected at 0, 1, and 2 feet from each borehole.
- 19:18** Mapped borehole locations in ArcGIS.

Next Steps & Recommendations

- 1 Continue horizontal delineation.



Daily Site Visit Report

Site Photos

Viewing Direction: Northeast



*Descriptive Photo - 3
Viewing Direction: Northeast
Date: 10/02/2025 10:49:55 AM
Created: 10/02/2025 10:49:55 AM
Latitude: 41.000000 Longitude: 103.783386*

At west pad entrance facing northeast.

Viewing Direction: East



*Descriptive Photo - 4
Viewing Direction: East
Date: 10/02/2025 10:49:55 AM
Created: 10/02/2025 10:49:55 AM
Latitude: 41.000000 Longitude: 103.783386*

South side of pad facing east. Advanced BH25-23 west of BH24-22.

Viewing Direction: East



*Descriptive Photo - 5
Viewing Direction: East
Date: 10/02/2025 10:49:55 AM
Created: 10/02/2025 10:49:55 AM
Latitude: 41.000000 Longitude: 103.783386*

South side of pad facing east. Advanced BH25-24 west of BH24-23.

Viewing Direction: Southeast



*Descriptive Photo - 6
Viewing Direction: Southeast
Date: 10/02/2025 10:49:55 AM
Created: 10/02/2025 10:49:55 AM
Latitude: 41.000000 Longitude: 103.783386*

South side of pad facing southeast. Advanced BH25-25 northwest of BH25-08.



Daily Site Visit Report

Viewing Direction: South



Descriptive Photo: 6
Viewing Direction: South
Date: South side of pad facing south. Advanced BH25-26 north-northwest of BH25-07.
Created: 8/30/2025 5:32:48 PM
Lat: 32.916575, Long: -103.789495

South side of pad facing south. Advanced BH25-26 north-northwest of BH25-07.

Viewing Direction: North



Descriptive Photo: 6
Viewing Direction: North
Date: Immediately south of pad facing northeast. Advanced BH25-27 on edge of pad south of BH25-23.
Created: 8/30/2025 5:32:48 PM
Lat: 32.916575, Long: -103.789495

Immediately south of pad facing northeast. Advanced BH25-27 on edge of pad south of BH25-23.

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:	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



At pad entrance facing northeast.

Viewing Direction: West



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



Describe Photo - 7
Viewing Direction: Southeast
Date: 09/01/2025
Created: 10/2/2025 10:49:55 AM
Latitude: 31.2371, Longitude: 103.723305

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

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

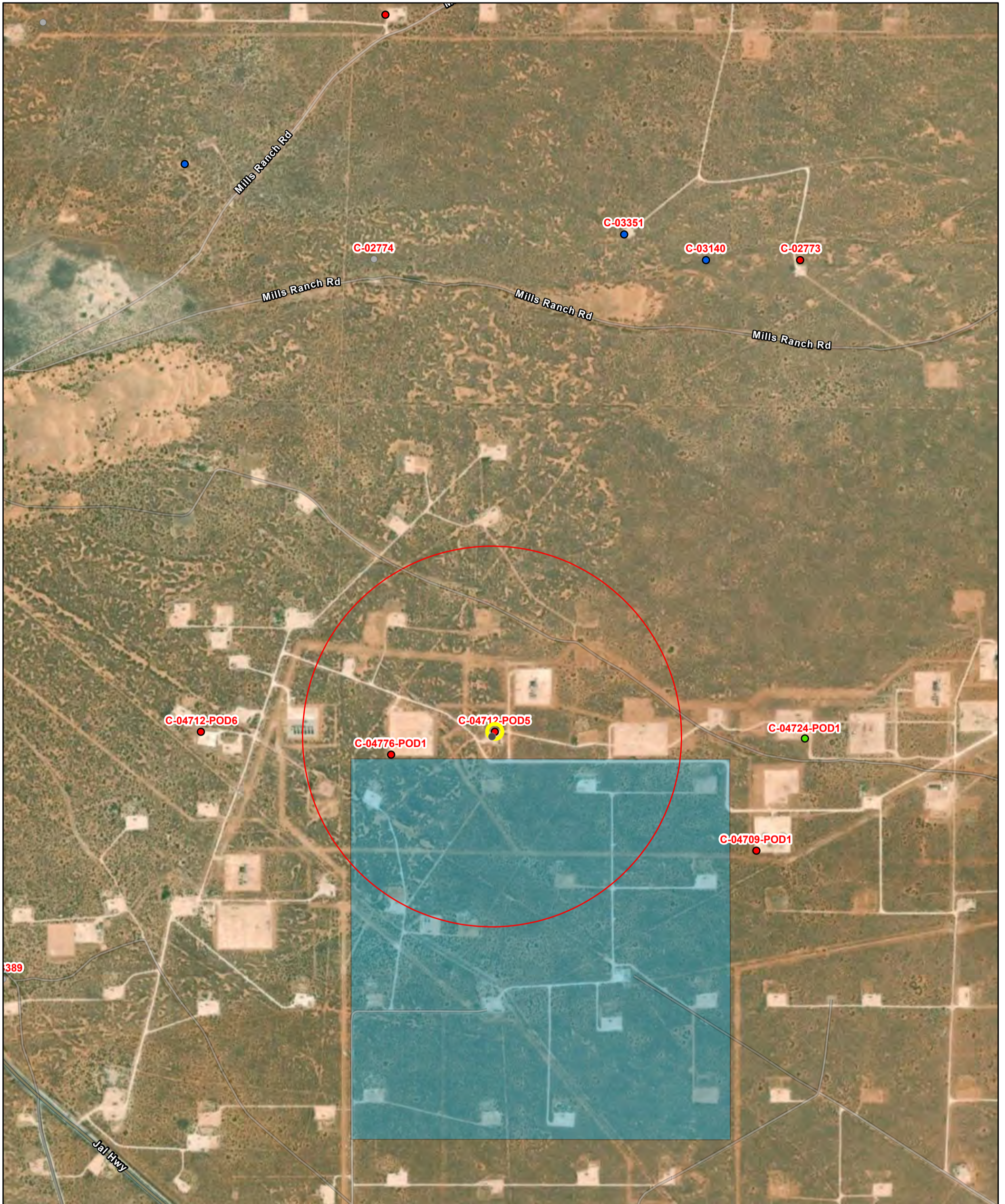
Signature:

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

ATTACHMENT 6

Closure Criteria Determination				
Site Name: North Pure Gold 9 Federal #001				
Spill Coordinates: 32.3125916,-103.7849503			X: 614381	Y: 3575733
Site Specific Conditions		Value	Unit	Reference
1	Depth to Groundwater (nearest reference)	>55	feet	1
	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)	>100	feet	1
	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	2
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	5,916	feet	3
4	Within 300 feet from an occupied residence, school, hospital, institution or church	9,145	feet	4
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	5
	ii) Within 1000 feet of any fresh water well or spring	6,821	feet	5
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)	6
7	Within 300 feet of a wetland	5,881	feet	7
8	Within the area overlying a subsurface mine	No	(Y/N)	8
	Distance between release and nearest registered mine	34,074	feet	
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low	9
	Distance between release and nearest High Karst	13,768	feet	
10	Within a 100-year Floodplain	>500	year	10
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	39,500	feet	
11	Soil Type	Fine sand		11
12	Ecological Classification	Deep sand		12
13	Geology	Eolian and piedmont deposits		13
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	>100'	<50' 51-100' >100'	

OSE POD 0.5 miles

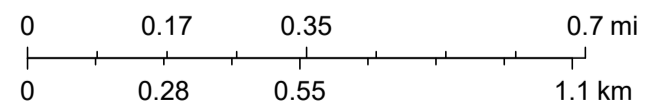


4/18/2025, 1:37:45 PM

GIS WATERS PODs ●

- Active
- Pending
- Plugged
- OSE District Boundary
- New Mexico State Trust Lands
- Both Estates

1:18,056



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

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 feet)	
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
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 feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
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 feet**

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

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.

4/18/25 12:18 PM MST

Point of Diversion Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

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.

4/18/25 12:17 PM MST

Water Rights Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <u>C-04712 POD 5</u>		WELL TAG ID NO.		OSE FILE NO(S). <u>C-4712</u>		
	WELL OWNER NAME(S) <u>Harvard Petroleum Company</u>				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS <u>PO Box 936</u>				CITY <u>Roswell</u>	STATE <u>NM</u>	ZIP <u>8202</u>
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
	LATITUDE	<u>32</u>	<u>18</u>	<u>46.0</u>	N		
	LONGITUDE	<u>103</u>	<u>47</u>	<u>05.3</u>	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							


2. DRILLING & CASING INFORMATION	LICENSE NO. <u>1833</u>	NAME OF LICENSED DRILLER <u>Jason Maley</u>			NAME OF WELL DRILLING COMPANY <u>Vision Resources</u>			
	DRILLING STARTED <u>3-9-23</u>	DRILLING ENDED <u>3-9-23</u>	DEPTH OF COMPLETED WELL (FT) <u>55</u>	BORE HOLE DEPTH (FT) <u>55</u>	DEPTH WATER FIRST ENCOUNTERED (FT) <u>Dry</u>			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) <u>Dry</u>	DATE STATIC MEASURED <u>Dry</u>		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:				CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>			
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	<u>0</u>	<u>45</u>	<u>6"</u>	<u>2" POC SH40</u>	<u>Thread</u>	<u>2"</u>	<u>SH40</u>	<u>—</u>
	<u>45</u>	<u>55</u>	<u>6"</u>	<u>2" POC SH40 (Screen)</u>	<u>Thread</u>	<u>2"</u>	<u>SH40</u>	<u>102</u>
	OSE DJT APR 4 2023 PM 1:23							

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

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO.	<u>C-4712-POD 5</u>	POD NO.	<u>5</u>	TRN NO.	<u>743189</u>
LOCATION	<u>Now 23.31.09.443</u>	WELL TAG ID NO.	<u> </u>	PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			Y	N	
	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	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): <u>Dry</u>		

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: <p style="text-align: right;">OSE DIT APR 4 2023 PM 1:23</p>	
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:	
	 SIGNATURE OF DRILLER / PRINT SIGNED NAME	<u>3/24/23</u> DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. <u>C-4712-POD5</u>	POD NO. <u>5</u>	TRN NO. <u>743189</u>	
LOCATION <u>Mon 23.31.09.443</u>	WELL TAG ID NO. <u> </u>	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,

A handwritten signature in cursive script, appearing to read "Maret Thompson".

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

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

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.

4/18/25 12:10 PM MST

Water Rights Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |



WELL RECORD & LOG

Kolante Fed

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

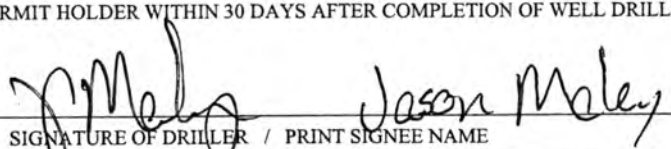
1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CO4776 Pod1		WELL TAG ID NO.		OSE FILE NO(S). CO4776	
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 205 E. Bender Road # 150				CITY Hobbs	STATE ZIP NM 88240
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 18	SECONDS 42.84	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE	-103	22.2	* 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. 1833	NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources			
	DRILLING STARTED 12-13-23	DRILLING ENDED 12-13-23	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry hole			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 12-16-23		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		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)
	FROM	TO						
	0	95'	6"	2" PVC SCH40	Thread	2"	SCH40	N/A
	95'	105'	6"	2" PVC SCH40	Thread	2"	SCH40	.05

USE 011 JAN 12 2024 PM 1:52

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				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)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			Y	N	
	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	
					Y	N	
					Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0		
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: Dry Hole							
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: OJL DJT 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:						
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME				1/10/24 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 Expt 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,

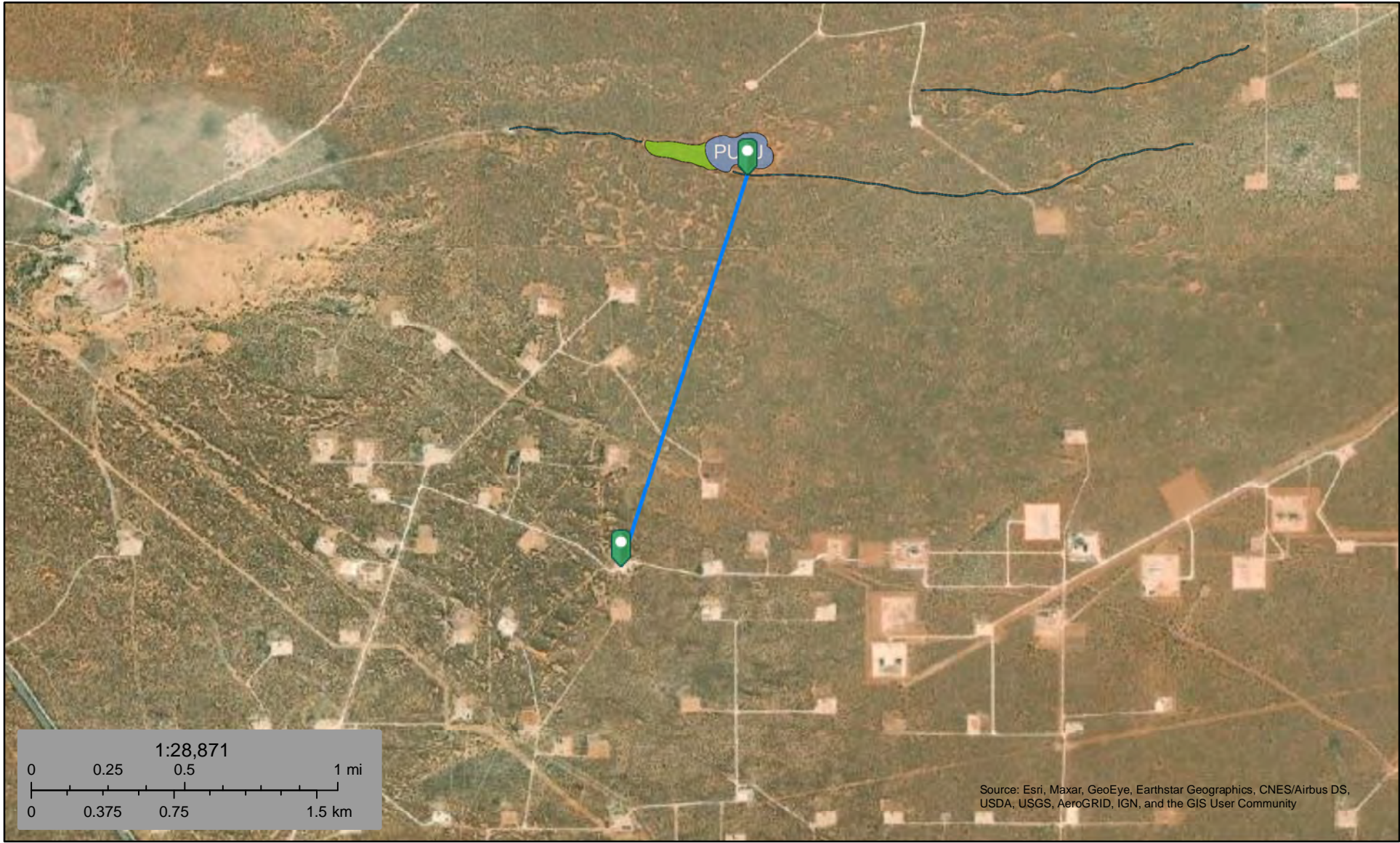
A handwritten signature in cursive script, appearing to read "Maret Thompson".

Maret Thompson
(575) 622-6521

drywell



NPG 9 Fed 1 - Watercourse 5965 ft



April 23, 2021

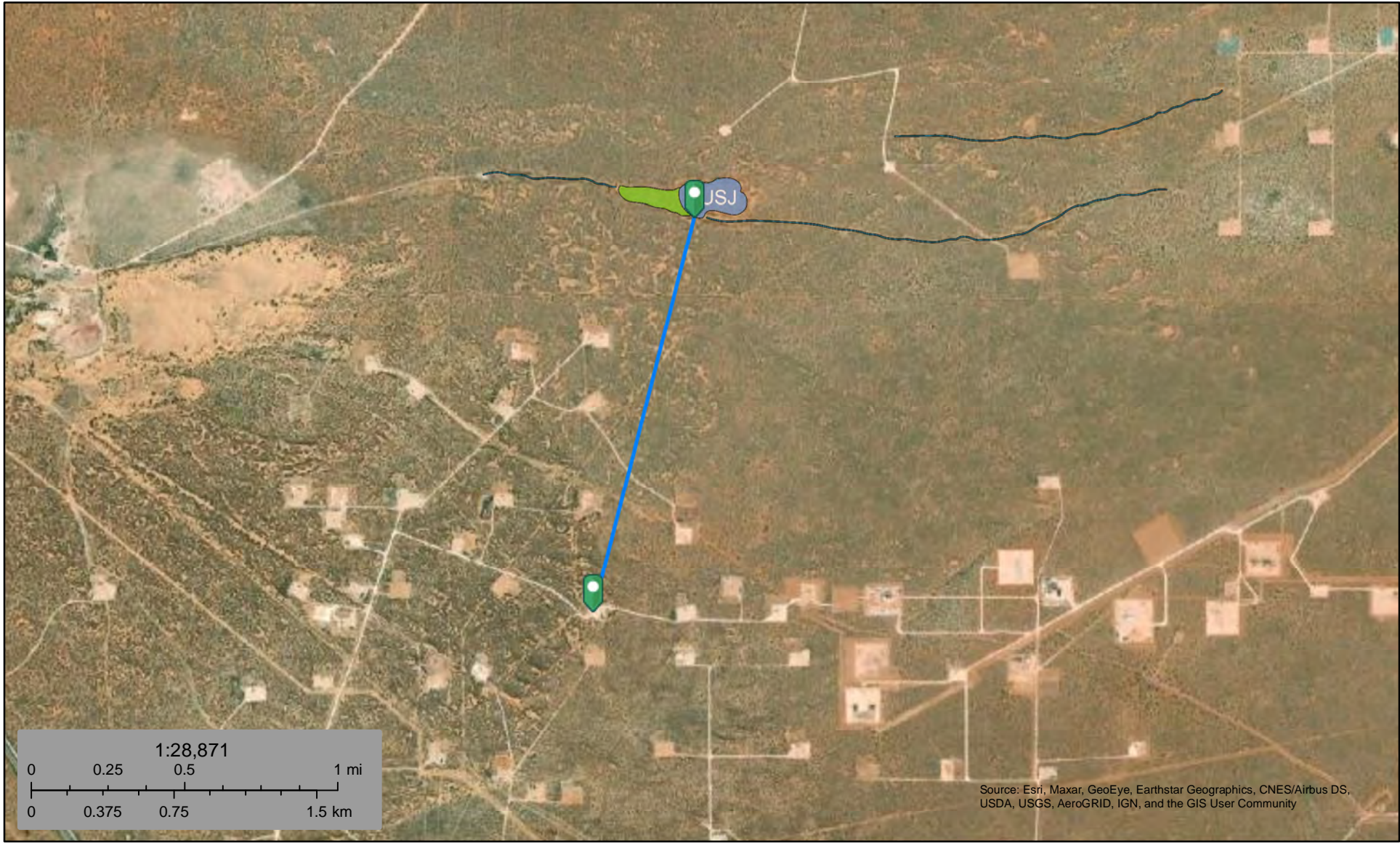
Wetlands

- Estuarine and Marine Deepwater
- 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.



NPG 9 Fed 1 - Pond 5916 ft



April 23, 2021

Wetlands


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

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

N Pure Gold 9 Fed 1

9,145 feet to nearest resident

Legend

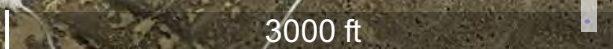

-  Resident



Residence

N Pure Gold

3000 ft



Active & Inactive Points of Diversion (with Ownership Information)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	(R=POD has been replaced and no longer serves this file, C=the file is closed)								(NAD83 UTM in meters)		Map	Distance (meters)
											q64	q16	q4	Sec	Tws	Range	X	Y				
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	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	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 ENERGY CARLSBAD FIELD OFFICE, WIPP	ED	C 02954 EXP1		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			

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)					(NAD83 UTM in meters)		Map	Distance	
											q64	q16	q4	Sec	Tws	Range	X			Y
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:**

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 12:50 PM MST

Point of Diversion Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

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	

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 1:02 PM MST


Water Rights Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

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

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 12:59 PM MST

Point of Diversion Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

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

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.

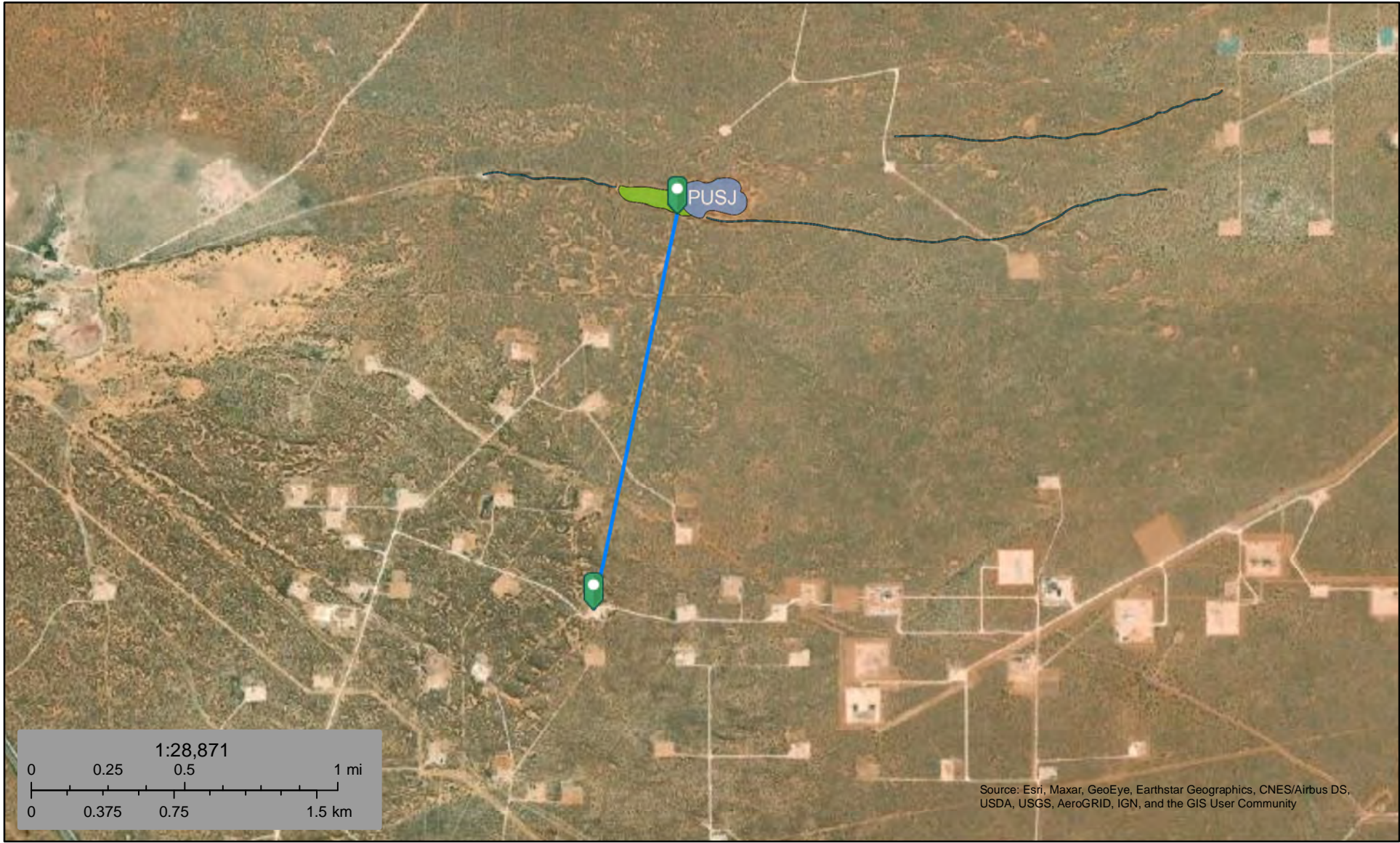
4/18/25 12:56 PM MST

Water Rights Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |



NPG 9 Fed 1 - Wetland 5881 ft



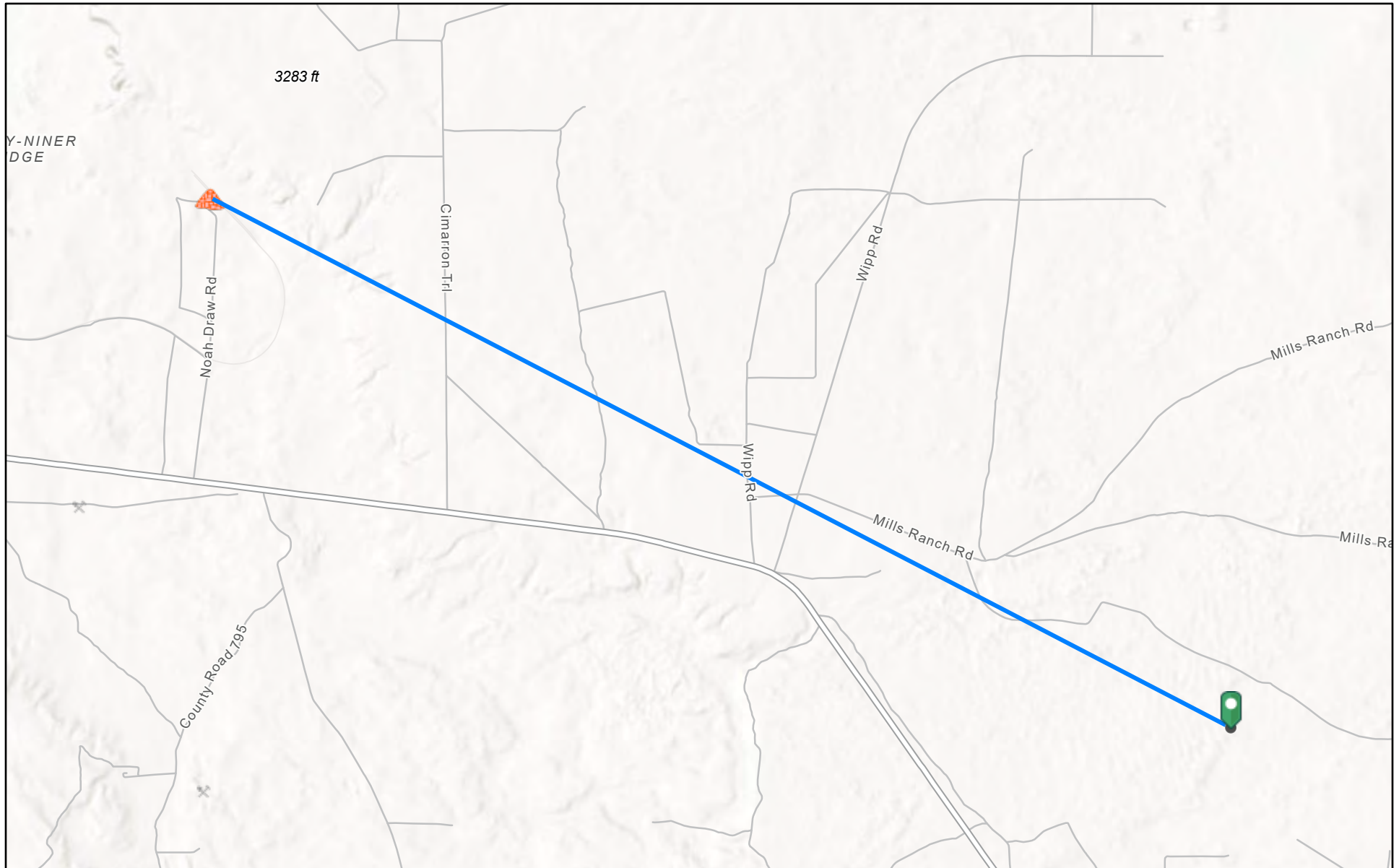
April 23, 2021

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.

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



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

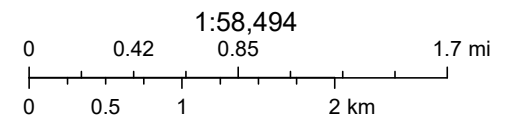
Registered Mines



Potash



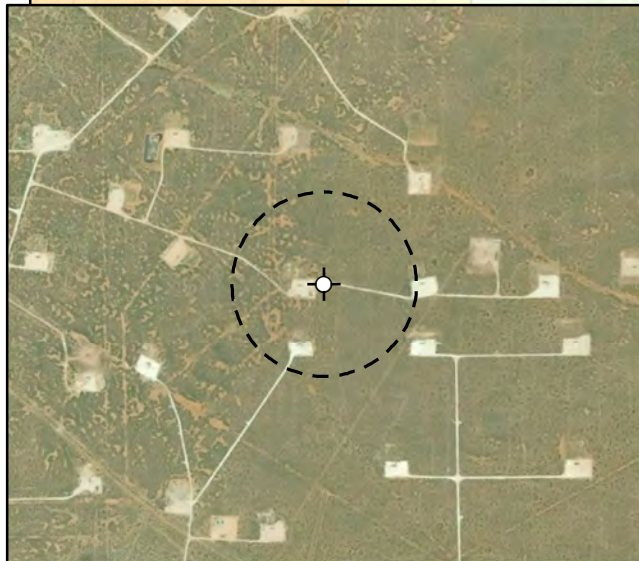
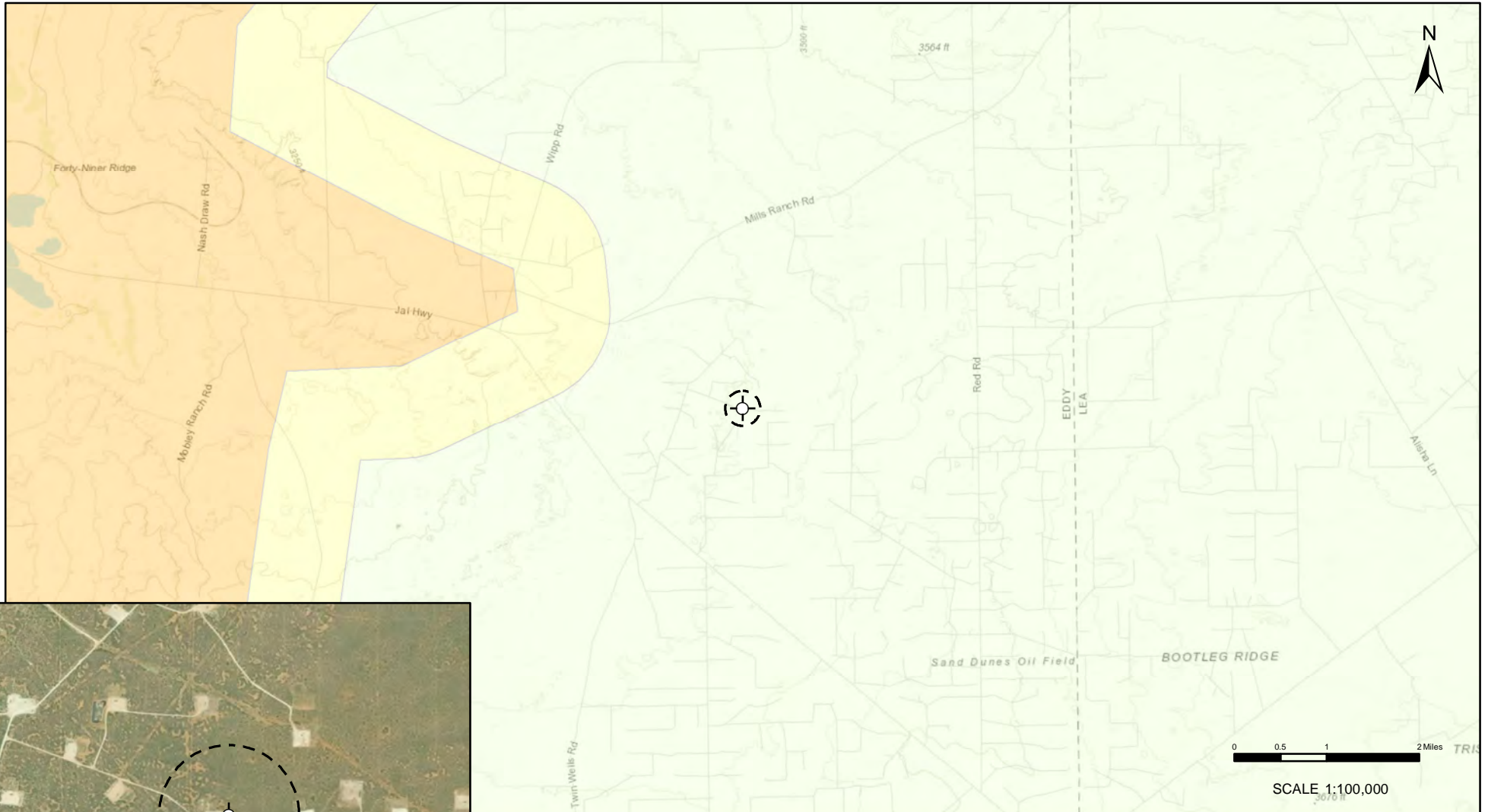
Aggregate, Stone etc.



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>)



Notes: Aerial Image from ESRI Digital Globe 2017

LEGEND

- SITE
- 1000 FT BUFFER

- KARST POTENTIAL CRITICAL
- HIGH
- MEDIUM
- LOW

	Karst Potential North Pure Gold 9 Federal #001				
		<table border="1"> <tr> <td>DRAWN: NM</td> <td rowspan="3">FIGURE: 1</td> </tr> <tr> <td>APPROVED: KM</td> </tr> <tr> <td>DATE: APR 15/19</td> </tr> </table>	DRAWN: NM	FIGURE: 1	APPROVED: KM
DRAWN: NM	FIGURE: 1				
APPROVED: KM					
DATE: APR 15/19					

VERSATILITY. EXPERTISE.

North Pure Gold 9 Federal #001

13,768 feet from High Karst

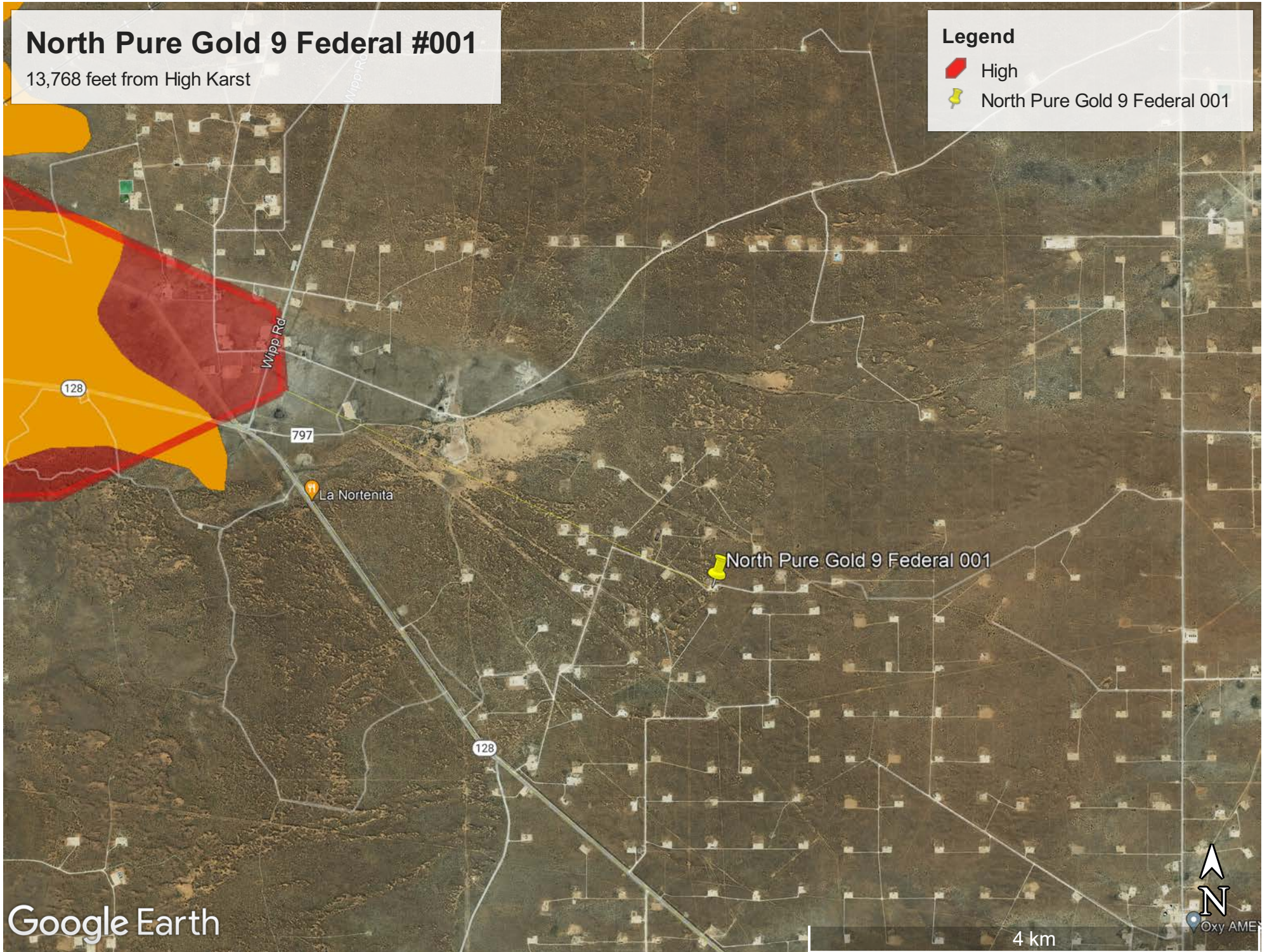
Legend



High



North Pure Gold 9 Federal 001



Google Earth

National Flood Hazard Layer FIRMMette



103°47'25"W 32°19'1"N



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

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

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

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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: 11/14/2025 10:40:25 AM

1:6,000



103°46'47"W 32°18'30"N

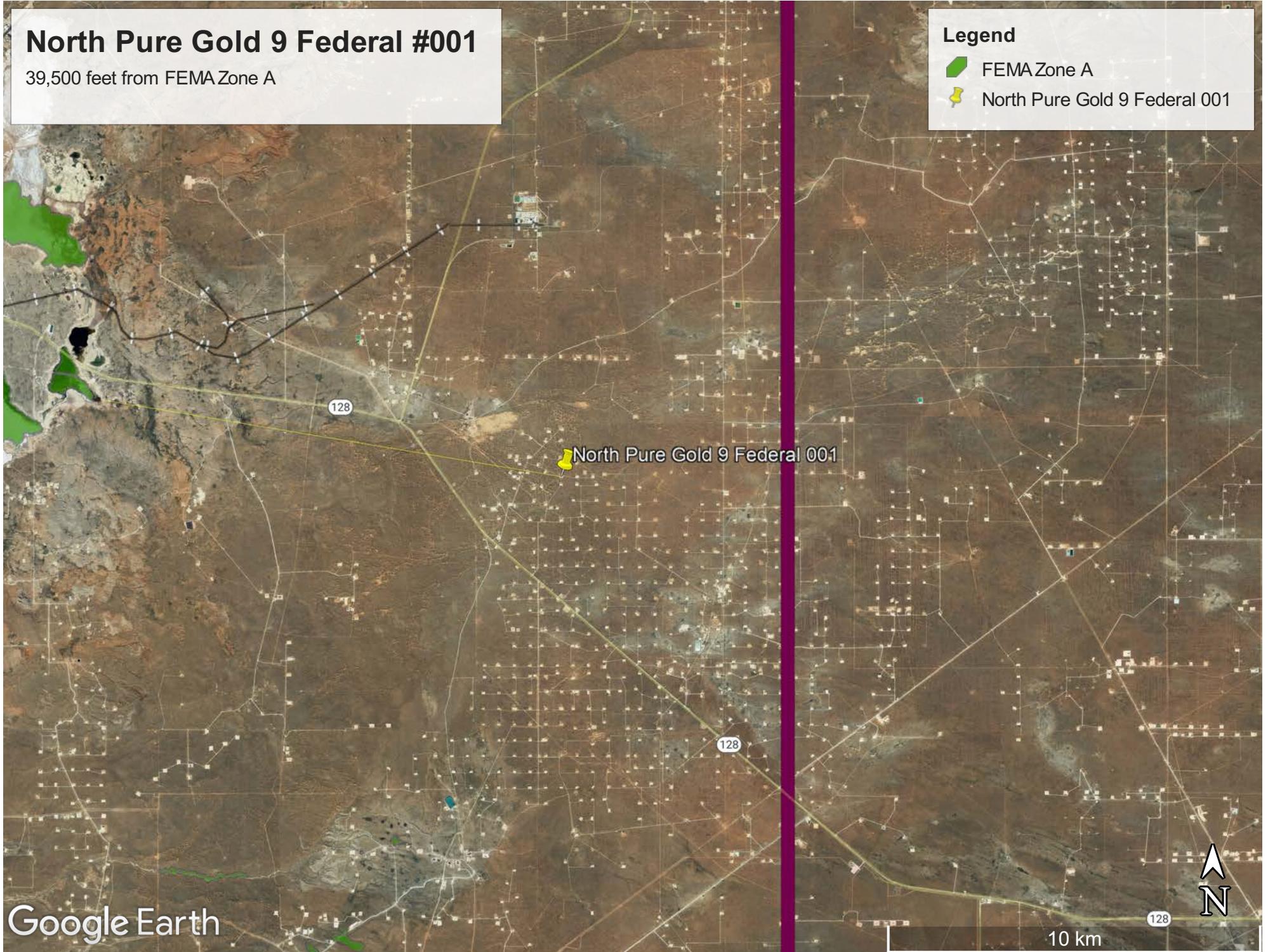
Basemap Imagery Source: USGS National Map 2023

North Pure Gold 9 Federal #001

39,500 feet from FEMA Zone A

Legend

-  FEMA Zone A
-  North Pure Gold 9 Federal 001



Google Earth



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

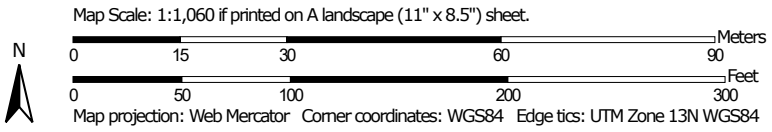


January 25, 2024

Custom Soil Resource Report Soil Map




Soil Map may not be valid at this scale.



Custom Soil Resource Report


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.

Custom Soil Resource Report

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

Custom Soil Resource Report

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

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.

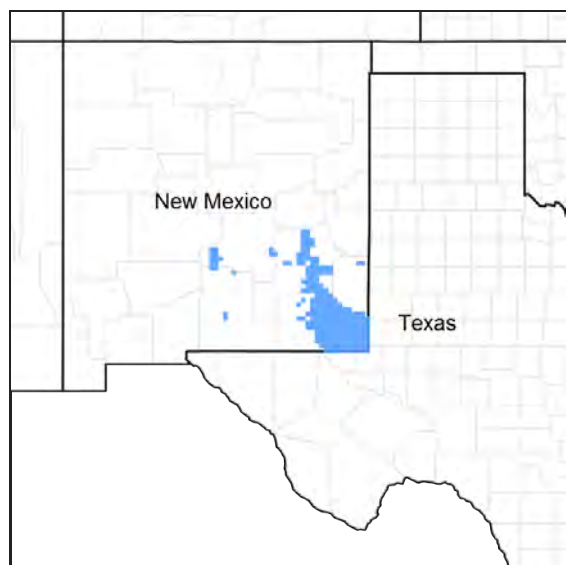


Figure 1. Mapped extent

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%

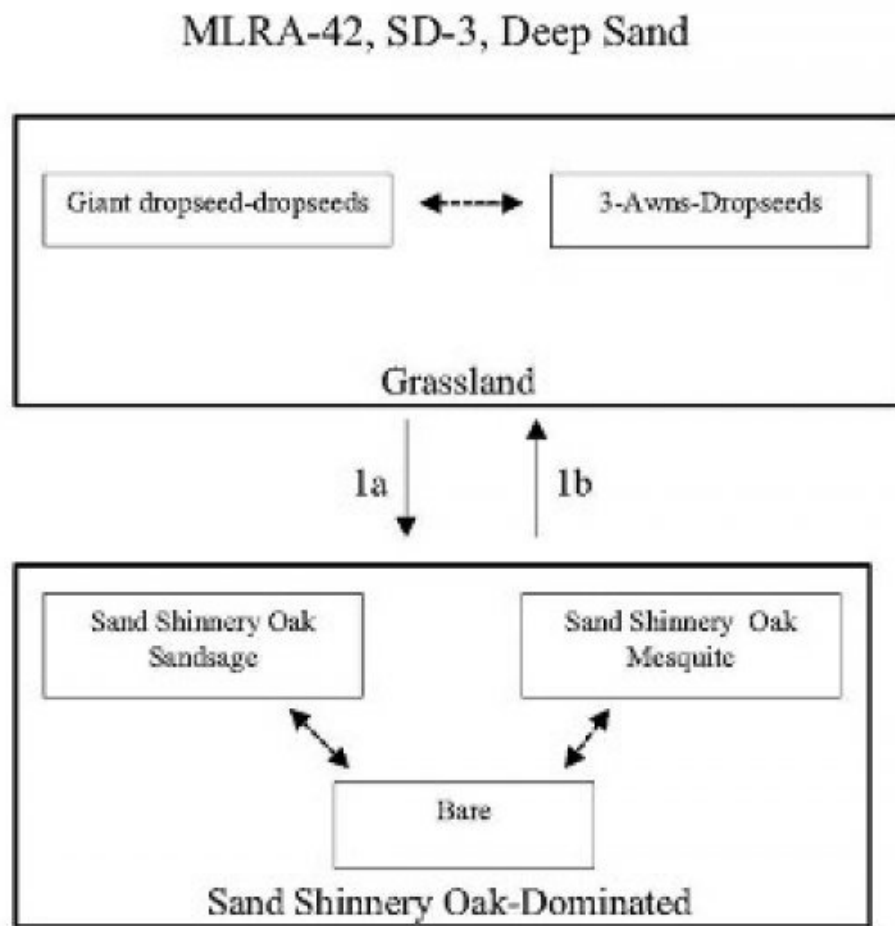
Ecological dynamics

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:

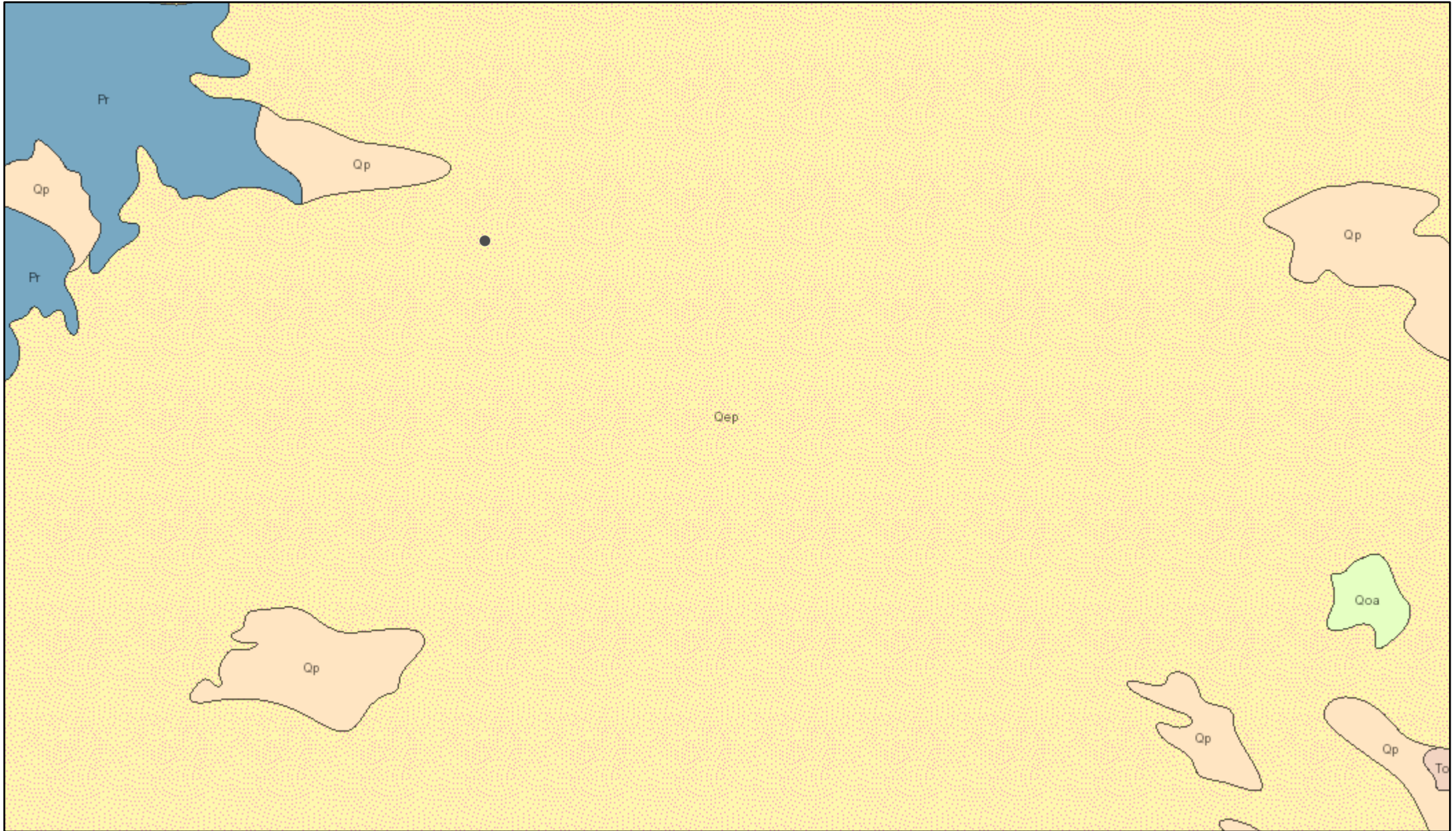
- Loss of grass and forb cover
- Surface soil erosion
- Bare patch expansion
- Increased shrub species abundance and composition

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



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

Lithologic Contacts

— Contact, Exposed

— Contact, Gradational

— Map Boundary

Faults

— Fault, Exposed

..... Fault, Concealed

~ Shere Zone

Dikes

— *intermittent* <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.

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 511126

QUESTIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 511126
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 Received
Incident Well	[30-015-27178] NORTH PURE GOLD 9 FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	NORTH PURE GOLD 9 FEDERAL #001
Date Release Discovered	07/24/2016
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 3 BBL Recovered: 0 BBL Lost: 3 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.

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, Page 2

Action 511126

QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 511126
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as 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	<i>Unavailable.</i>

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 of 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: 10/01/2025
--	---

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, Page 3

Action 511126

QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 511126
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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
<i>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.</i>	
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.

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, Page 4

Action 511126

QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 511126
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: 10/01/2025
--	---

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.

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, Page 5

Action 511126

QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 511126
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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, Page 6

Action 511126

QUESTIONS (continued)

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 511126
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	457089
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

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	No
--	-----------

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

CONDITIONS

Action 511126

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 511126
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Any area designated as a "release area" will need to have 5-point composite confirmation soil samples conducted within the entire boundary of that area. Please collect confirmation closure samples, representing no more than 200 ft ² . All samples must be analyzed for all constituents listed in Table 1 of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site receptor characterization/proven depth to water determination. Please make sure that the edge of the release extent is accurately defined. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The work will need to be completed in 90 days after the report has been reviewed.	11/14/2025