

DECOMMISSIONING REPORT
THISTLE DOWN B 31-28D TANK BATTERY

ECMC REMEDIATION #38949

Prepared for:



1099 18th Street
Suite 1500
Denver, CO 80202

Prepared by:




4725 Independence Street
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DATE: February 25, 2026

DESIGNED BY: A. Sagen

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Tasman, Inc.
 4725 Independence Street
 Wheat Ridge, CO 80033

Noble Energy, Inc. – 100322 – DJ Basin
Thistle Down B 31-20D Tank Battery
 NWNE, Section 31, Township 5 North, Range 64 West
 Weld County, Colorado

Tank Battery Closure & Soil
 Analytical Results Map
 (04/08/2025 & 04/09/2025)

FIGURE
 1

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE ENERGY, INC. - 100322
THISTLE DOWN B 31-28D TANK BATTERY, WELD COUNTY, COLORADO
REM # 38949



Sample ID	Sample Date	Depth (ft. bgs)	GPS Data ¹		PDOP Value	VOC Concentration ² (ppm)
			Latitude/Longitude			
PWV01-E @ 2.5'	04/08/2025	2.5	40.356054	-104.593474	1.0	1.2
PWV01-S @ 2.5'	04/08/2025	2.5	40.356028	-104.593504	1.0	0.6
PWV01-W @ 2.5'	04/08/2025	2.5	40.356059	-104.593508	1.0	0.4
PWV02-N @ 2.5'	04/08/2025	2.5	40.356054	-104.593548	NC	0.1
PWV02-E @ 2.5'	04/08/2025	2.5	40.356040	-104.593536	NC	0.2
PWV02-S @ 2.5'	04/08/2025	2.5	40.356031	-104.593551	NC	1.3
PWV03-N @ 2.5'	04/08/2025	2.5	40.356060	-104.593605	NC	2.8
PWV03-E @ 2.5'	04/08/2025	2.5	40.356046	-104.593589	NC	2.8
PWV03-W @ 2.5'	04/08/2025	2.5	40.356050	-104.593620	NC	2.8
PWV04-E @ 2.5'	04/08/2025	2.5	40.356053	-104.593633	NC	2.1
PWV04-S @ 2.5'	04/08/2025	2.5	40.356047	-104.593646	NC	1.8
PWV04-W @ 2.5'	04/08/2025	2.5	40.356056	-104.593659	NC	1.8
PWV05-N @ 2.5'	04/08/2025	2.5	40.356085	-104.593707	0.7	3.4
PWV05-E @ 2.5'	04/08/2025	2.5	40.356067	-104.593687	0.7	2.8
PWV06-S @ 2.5'	04/08/2025	2.5	40.356052	-104.593743	0.7	4.0
PWV07-S @ 2.5'	04/08/2025	2.5	40.356053	-104.593775	0.7	3.3
PWV07-W @ 2.5'	04/08/2025	2.5	40.356082	-104.593792	0.7	3.4
MH01 @ 0-6"	04/09/2025	0-0.5	40.356213	-104.593454	1.0	0.1
MH02 @ 0-6"	04/09/2025	0-0.5	40.356247	-104.593446	0.9	0.0
MH03 @ 0-6"	04/09/2025	0-0.5	40.356283	-104.593440	0.9	0.1
MH04 @ 0-6"	04/09/2025	0-0.5	40.356316	-104.593434	0.9	0.0
FLARE01 @ 0-6"	04/09/2025	0-0.5	40.356314	-104.593492	0.9	0.0
FLARE02 @ 0-6"	04/09/2025	0-0.5	40.356322	-104.593544	0.9	0.1
FLARE03 @ 0-6"	04/09/2025	0-0.5	40.356332	-104.593608	0.9	0.1
SEP01-FL @ 4'	04/09/2025	4	40.356263	-104.593507	NC	0.7

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE ENERGY, INC. - 100322
THISTLE DOWN B 31-28D TANK BATTERY, WELD COUNTY, COLORADO
REM # 38949



Sample ID	Sample Date	Depth (ft. bgs)	GPS Data ¹ Latitude/Longitude		PDOP Value	VOC Concentration ² (ppm)
SEP01-DL @ 4'	04/09/2025	4	40.356214	-104.593482	0.9	1.5
SEP02-DL @ 4'	04/09/2025	4	40.356221	-104.593513	1.0	1.7
SEP03-DL @ 4'	04/09/2025	4	40.356224	-104.593549	0.9	3.4
SEP04-DL @ 4'	04/09/2025	4	40.356231	-104.593583	0.9	9.1
SEP05-DL @ 4'	04/09/2025	4	40.356238	-104.593629	1.0	1.3
SEP06-DL @ 4'	04/09/2025	4	40.356240	-104.593655	1.0	1.3
SEP07-DL @ 4'	04/09/2025	4	40.356244	-104.593697	1.0	1.1
BKG01 @ 0-6"	04/09/2025	0-0.5	40.355847	-104.593720	1.2	0.3
BKG01 @ 2.5'	04/09/2025	2.5	40.355847	-104.593720	1.2	0.0
BKG01 @ 4'	04/09/2025	4	40.355847	-104.593720	1.2	0.0

Notes:

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTM Zone 13 North.
2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

ft. = Feet

bgs = Below ground surface

NC = Not collected

NA = Not analyzed

Source material characterization sample, excavated and transported off site for disposal.

Material excavated and transported off site for disposal.

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE ENERGY, INC. - 100322
THISTLE DOWN B 31-28D TANK BATTERY, WELD COUNTY, COLORADO
REM # 38949



Sample ID	Sample Date	Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4-Trimethyl-Benzene (mg/kg)	1,3,5-Trimethyl-Benzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500	500**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500**		
SEP01-FL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50
SEP01-DL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50
SEP02-DL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50
SEP03-DL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50
SEP04-DL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50
SEP05-DL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50
SEP06-DL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50
SEP07-DL @ 4'	04/09/2025	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<50	<0.50	<50

Notes:

- 1. Bold** values exceed the ECMC Table 915-1 limit(s).
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- ** Summation of GRO+DRO+ORO must be less than 500 mg/kg.

ECMC = Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

NA = Not analyzed

Source material characterization sample, excavated and transported off site for disposal.

Material excavated and transported off site for disposal.

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE ENERGY, INC. - 100322
THISTLE DOWN B 31-28D TANK BATTERY, WELD COUNTY, COLORADO
REM # 38949



Sample ID	Sample Date	Depth (ft. bgs)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) Anthracene (mg/kg)	Benzo (a) Pyrene (mg/kg)	Benzo (b) Fluoranthene (mg/kg)	Benzo (k) Fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo (a,h) Anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd) Pyrene (mg/kg)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl - Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
SEP01-FL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP01-DL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP02-DL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP03-DL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP04-DL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP05-DL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP06-DL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SEP07-DL @ 4'	04/09/2025	4	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

Notes:

1. **Bold** values exceed the ECMC Table 915-1 limit(s).
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
3. * Indicates laboratory minimum detection limit in excess of SSL.

ECMC = Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

NA = Not analyzed

Source material characterization sample, excavated and transported off site for disposal.

Material excavated and transported off site for disposal.

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE ENERGY, INC. - 100322
THISTLE DOWN B 31-28D TANK BATTERY, WELD COUNTY, COLORADO
REM # 38949



Sample ID	Sample Date	Depth (ft. bgs)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
SEP01-FL @ 4'	04/09/2025	4	8.25	0.191	0.0166	<2.00
SEP01-DL @ 4'	04/09/2025	4	8.29	0.198	0.0127	<2.00
SEP02-DL @ 4'	04/09/2025	4	8.39	0.159	0.0221	<2.00
SEP03-DL @ 4'	04/09/2025	4	8.24	0.263	0.127	<2.00
SEP04-DL @ 4'	04/09/2025	4	8.32	0.176	0.0263	<2.00
SEP05-DL @ 4'	04/09/2025	4	8.25	0.202	0.0144	<2.00
SEP06-DL @ 4'	04/09/2025	4	8.22	0.248	0.0414	<2.00
SEP07-DL @ 4'	04/09/2025	4	8.69	0.134	0.0697	<2.00
BKG01 @ 0-6"	04/09/2025	0-0.5	6.68	0.215	0.0469	<2.00
BKG01 @ 2.5'	04/09/2025	2.5	7.61	0.153	0.124	<2.00
BKG01 @ 4'	04/09/2025	4	7.32	0.346	0.0415	<2.00
Maximum Background Concentration			7.61	-	-	-

Notes:

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.
2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Brown highlighted soil analytical values indicate a regulatory exceedance.

ECMC = Energy and Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/L = Milligrams per liter

ft. = Feet

bgs = Below ground surface

NA = Not analyzed

EC = Electrical conductivity

SAR = Sodium adsorption ratio

mmhos/cm = Millimohs per centimeter

Source material characterization sample, excavated and transported off site for disposal.

Material excavated and transported off site for disposal.

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE ENERGY, INC. - 100322
THISTLE DOWN B 31-28D TANK BATTERY, WELD COUNTY, COLORADO
REM # 38949



Sample ID	Sample Date	Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) ⁶ (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
SEP01-FL @ 4'	04/09/2025	4	1.82	56.9	0.262	<0.30*	8.21	6.01	5.70	<0.260	0.0247	20.4
SEP01-DL @ 4'	04/09/2025	4	1.81	53.0	<0.200	<0.30*	7.79	5.03	4.86	<0.260	<0.0200	19.1
SEP02-DL @ 4'	04/09/2025	4	1.76	58.5	<0.200	<0.30*	7.01	5.24	5.57	<0.260	0.0227	21.1
SEP03-DL @ 4'	04/09/2025	4	1.85	62.6	0.265	<0.30*	6.15	5.28	5.85	<0.260	0.0238	20.3
SEP04-DL @ 4'	04/09/2025	4	1.63	49.8	<0.200	<0.30*	8.00	5.55	5.10	<0.260	<0.0200	20.0
SEP05-DL @ 4'	04/09/2025	4	1.85	53.7	<0.200	<0.30*	6.96	5.54	5.66	<0.260	0.0236	19.8
SEP06-DL @ 4'	04/09/2025	4	1.83	47.9	<0.200	<0.30*	7.10	5.24	5.73	<0.260	0.0243	19.3
SEP07-DL @ 4'	04/09/2025	4	1.80	46.9	<0.200	<0.30*	6.36	13.50	5.09	<0.260	0.0265	21.1
BKG01 @ 0-6"	04/09/2025	0-0.5	1.40	46.7	<0.200	<0.30*	6.26	5.94	4.05	<0.260	<0.0200	18.4
BKG01 @ 2.5'	04/09/2025	2.5	1.66	52.0	<0.200	<0.30*	6.11	4.90	5.90	<0.260	0.0534	20.9
BKG01 @ 4'	04/09/2025	4	1.50	57.3	<0.200	<0.30*	7.20	5.38	4.98	<0.260	<0.0200	19.6
1.25x Maximum Background Concentration			2.08	-	-	-	-	-	-	-	-	-

Notes:

- 1. Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
- 2. Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- Reporting limit used for 1.25 multiplier when all background results for a specific metal are non-detect.
- * Indicates laboratory minimum detection limit in excess of SSL.
- Compound falls within the ECMC Table 915-1 footnote 9.

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

NA = Not analyzed

Source material characterization sample, excavated and transported off site for disposal.

Material excavated and transported off site for disposal.



TANK BATTERY DECOMMISSIONING FORM

CLIENT: Noble		SITE NAME: Thistle Down B 31-20D Tank Battery					DATE: 4/8/2025	REM. PROJECT #: 38949	WEATHER: 52F Sunny	
SITE DIRECTIONS: WCR51 x WCR50, N on 51 0.5mi, W 0.5mi, NW 250' into							JOB#: 10315			
LEGALS AND LAT/LONG: 40.356138, -104.593514							TASMAN PERSONNEL: JO JA			
SOIL TYPES: Silty Sand - SM							SURFACE GRADIENT: North			
SOIL SAMPLING							FACILITY INFRASTRUCTURE			
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT	Quantity		
							Above Ground Storage Tank (AST)	7	✓	
04-08-2025 10:30	AST01@0-6"	0.3	No Staining	No Odor	Yes	Lab	Buried or Partially Buried Vessel	7	✓	
04-08-2025 10:32	AST02@06"	1.1	No Staining	No Odor	Yes	Lab	Separator	7	✓	
04-08-2025 10:34	AST03@0-6"	0.8	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)	3	✓	
04-08-2025 10:36	AST04@0-6"	0.2	No Staining	No Odor	Yes	Lab	Dump Line	7	✓	
04-08-2025 10:38	AST05@0-6"	1.1	No Staining	No Odor	Yes	Lab	Wellhead			
04-08-2025 10:40	AST06@0-6"	0.1	No Staining	No Odor	Yes	Lab	Flowline	1	✓	
04-08-2025 10:42	AST07@0-6"	0.4	No Staining	No Odor	Yes	Lab	Other:			
04-08-2025 12:39	PWV01-B@4'	1.2	No Staining	No Odor	Yes	Lab	Soil Loads Removed			
04-08-2025 12:44	PWV01-N@2.5'	1.4	No Staining	No Odor	Yes	Lab	IMPACTED SOIL IDENTIFIED? No			
04-08-2025 12:43	PWV01-E@2.5'	1.2	No Staining	No Odor	Yes	On-hold	ESTIMATED VOLUME OF IMPACTS: NA			
04-08-2025 12:42	PWV01-S@2.5'	0.6	No Staining	No Odor	Yes	On-hold	Date	Number	CY	
04-08-2025 12:40	PWV01-W@2.5'	0.4	No Staining	No Odor	Yes	On-hold				
04-08-2025 12:46	PWV02-B@4'	0.1	No Staining	No Odor	Yes	Lab				
04-08-2025 12:47	PWV02-N@2.5'	0.1	No Staining	No Odor	Yes	On-hold				
04-08-2025 12:48	PWV02-E@2.5'	0.2	No Staining	No Odor	Yes	On-hold				
04-08-2025 12:50	PWV02-S@2.5'	1.3	No Staining	No Odor	Yes	On-hold	Total Removed	0	0	
04-08-2025 12:55	PWV02-W@2.5'	2.2	No Staining	No Odor	Yes	Lab	Disposal Facility:			
04-08-2025 13:00	PWV03-B@4'	2.4	No Staining	No Odor	Yes	Lab	Groundwater Recovery			
04-08-2025 13:03	PWV03-N@2.5'	2.8	No Staining	No Odor	Yes	On-hold	DATE GW ENCOUNTERED:		DEPTH:	
04-08-2025 13:07	PWV03-E@2.5'	2.8	No Staining	No Odor	Yes	On-hold	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?			
04-08-2025 13:11	PWV03-S@2.5'	3.0	No Staining	No Odor	Yes	Lab				
04-08-2025 13:13	PWV03-W@2.5'	2.8	No Staining	No Odor	Yes	On-hold	LNAPL OR SHEEN OBSERVED ON GW?			
GROUNDWATER SAMPLING							Date	BBLs		
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?				
							Total Removed	0		
							Disposal Facility:			

SOIL SAMPLING							Soil Loads Removed		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	Date	Number	CY
04-08-2025 13:16	PWV04-B@4'	1.4	No Staining	No Odor	Yes	Lab			
04-08-2025 13:19	PWV04-N@2.5'	2.1	No Staining	No Odor	Yes	Lab			
04-08-2025 13:21	PWV04-E@2.5'	2.1	No Staining	No Odor	Yes	On-hold			
04-08-2025 13:23	PWV04-S@2.5'	1.8	No Staining	No Odor	Yes	On-hold			
04-08-2025 13:25	PWV04-W@2.5'	1.8	No Staining	No Odor	Yes	On-hold			
04-08-2025 13:26	PWV05-B@4'	3.8	No Staining	No Odor	Yes	Lab			
04-08-2025 13:28	PWV05-N@2.5'	3.4	No Staining	No Odor	Yes	On-hold			
04-08-2025 13:29	PWV05-E@2.5'	2.8	No Staining	No Odor	Yes	On-hold			
04-08-2025 13:30	PWV05-S@2.5'	4.6	No Staining	No Odor	Yes	Lab			
					Yes				
04-08-2025 13:32	PWV06-B@4'	2.7	No Staining	No Odor	Yes	Lab			
04-08-2025 13:36	PWV06-N@2.5'	4.2	No Staining	No Odor	Yes	Lab			
04-08-2025 13:40	PWV06-S@2.5'	4.0	No Staining	No Odor	Yes	On-hold			
04-08-2025 13:35	PWV07-B@4'	3.5	No Staining	No Odor	Yes	Lab	Total Removed	0	0
04-08-2025 13:42	PWV07-N@2.5'	8.4	No Staining	No Odor	Yes	Lab	Disposal Facility:		
							Groundwater Recovery		
04-08-2025 13:46	PWV07-S@2.5'	3.3	No Staining	No Odor	Yes	On-hold	Date	BBLS	
04-08-2025 13:50	PWV07-W@2.5'	3.4	No Staining	No Odor	Yes	On-hold			
04-09-2025 12:33	MH01@0-6"	0.1	No Staining	No Odor	Yes	Grab			
04-09-2025 12:30	MH02@0-6"	0.0	No Staining	No Odor	Yes	Grab			
04-09-2025 12:27	MH03@0-6"	0.1	No Staining	No Odor	Yes	Grab			
04-09-2025 12:23	MH04@0-6"	0.0	No Staining	No Odor	Yes	Grab			
04-09-2025 12:20	FLARE01@0-6"	0.0	No Staining	No Odor	Yes	Grab			
04-09-2025 12:17	FLARE02@0-6"	0.1	No Staining	No Odor	Yes	Grab			
04-09-2025 12:15	FLARE03@0-6"	0.1	No Staining	No Odor	Yes	Grab			
04-09-2025 11:54	SEP01-FL@4'	0.7	No Staining	No Odor	Yes	Lab			
04-09-2025 11:21	SEP01-DL@4'	1.5	No Staining	No Odor	Yes	Lab			
04-09-2025 11:27	SEP02-DL@4'	1.7	No Staining	No Odor	Yes	Lab			
					Yes	Lab			
04-09-2025 11:28	SEP03-DL@4'	3.4	No Staining	No Odor	Yes	Lab			
							Total Removed	0	
04-09-2025 11:32	SEP04-DL@4'	9.1	No Staining	No Odor	Yes	Lab	Disposal Facility:		

Chevron Rockies Business Unit

Field Qualitative Criteria for ECMC Reporting Associated with the Discovery of Potentially Impacted Material

If answered **Yes** to any of the questions listed below, this may suggest the presence of potentially impacted materials as outlined in ECMC Rule 912. Out of an abundance of caution, a “Yes” response will be reported to the ECMC within 24 hours after discovery, regardless of laboratory results. **Immediately notify the RBU Remediation Team.** Include a copy of this Field Qualitative Spill Criteria Checklist in the field Report.

Please answer the following questions when on-site:

1. Is there visible petroleum hydrocarbon staining in the soil? No
2. Does the soil sample from the stained area have a petroleum odor? No
3. Is there a petroleum hydrocarbon sheen on the nearby surface water? No
4. Does there appear to be a sheen of the surface of accumulated groundwater or seeps within the excavation indicative of petroleum? No
5. Is stained soil in contact with groundwater? No

Please Include relevant photos of the site conditions for items 1-5.

Location name: Thistle Down B 31-20D Tank Battery

Please Circle Facility Type: Production Facility



Date: 4/8/2025

GENERAL OBSERVATION FORM

Site Area/AOC: Thistle Down B 31-20D Tank Battery Client: Noble

Daily Forecast/Weather: 52F Sunny Personnel: JO JA

Task/Location Description: Tank Battery Decommissioning and Confirmation Soil Sampling

Time	Description
08:30	On site - JSA completed
08:45	Creating labels for jars
10:30	Started sampling
11:28	PID calibrated to 100.2
13:08	PWV05-PWV07 ARE ALL ONE LARGE EXCAVATION AND THERE ARE NO SIDE WALLS IN BETWEEN
	DUE TO THIS THERE WILL ONLY BE AN EAST WALL SAMPLE ON PWV05 AND A WEST WALL SAMPLE
	ON PWV07. WE ARE STILL TAKING BASE SAMPLES AND NORTH/SOUTH SAMPLES FOR EACH PWV
	SEE PICTURES FOR THE EXCAVATION
15:26	Off site

Need a photo log?

Need another General Observation Form?



Equipment ID: AST07@0-6"		Equipment Type:		Equipment ID: AST06@0-6"		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions:				Notes/Conditions:			





Equipment ID: AST05@0-6"		Equipment Type:		Equipment ID: AST04@0-6"		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions:				Notes/Conditions:			



Equipment ID: AST03@0-6"		Equipment Type:		Equipment ID: AST02@0-6"		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions:				Notes/Conditions:			



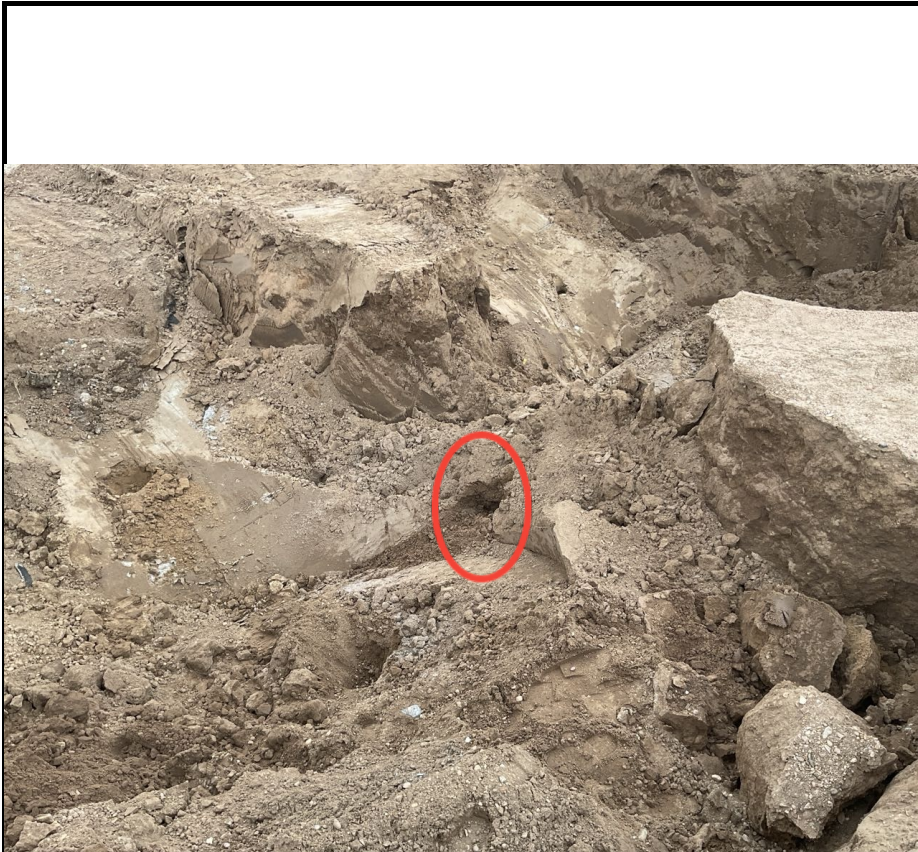
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Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions:				Notes/Conditions: PWV01-B@4'			

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: PWV01-W@2.5'			Notes/Conditions: PWV01-S@2.5'		



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV01-E@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV01-N@2.5'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV02-E@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV02-B@4'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV02-N@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV02-S@2.5'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV02-W@4'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV03-B@4'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV03-N@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV03-E@2.5'			



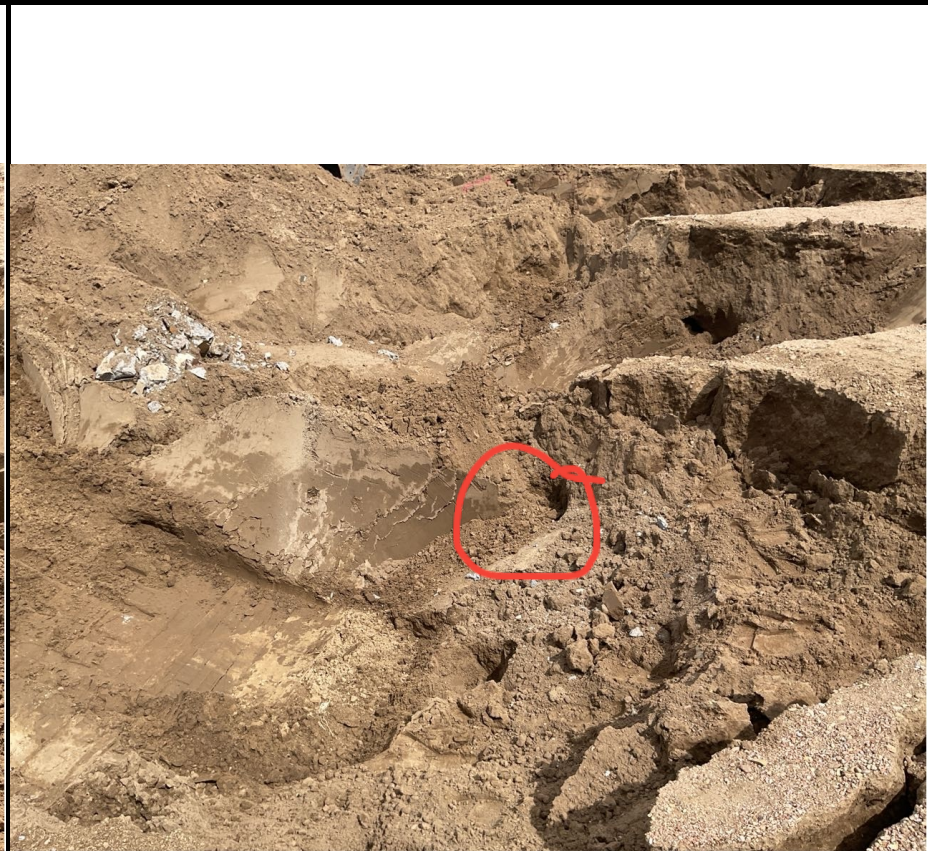
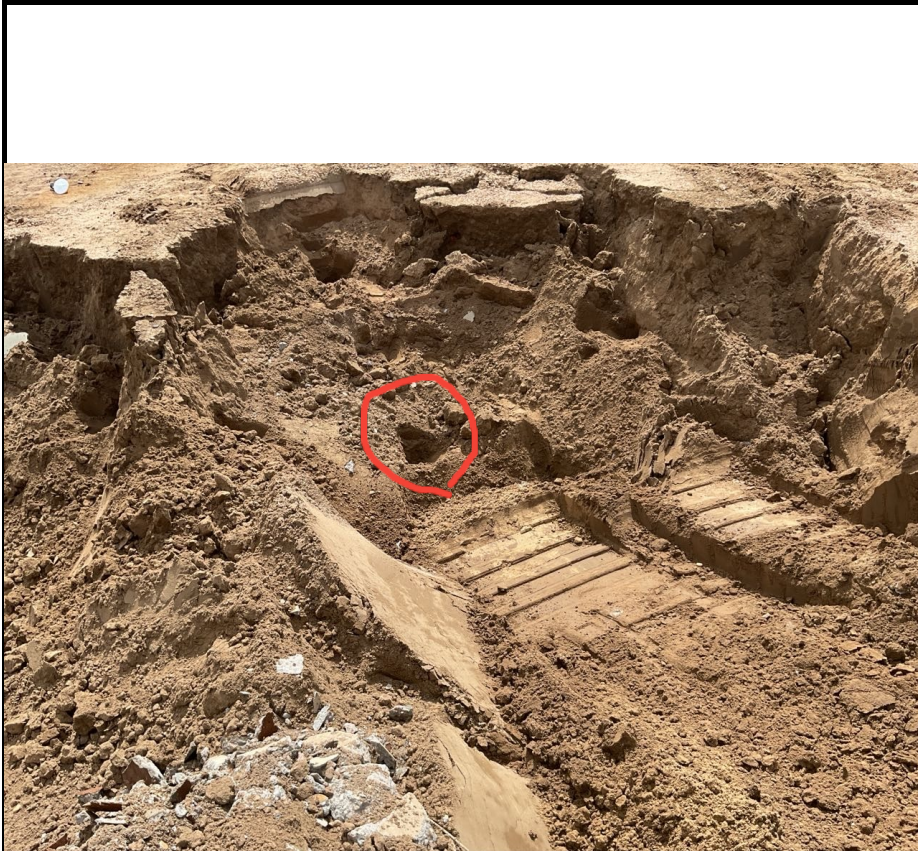
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Material:	Volume:	Contents:	
Notes/Conditions: PWV03-S@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV03-W@2.5'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV04-S@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV04-W@2.5'			



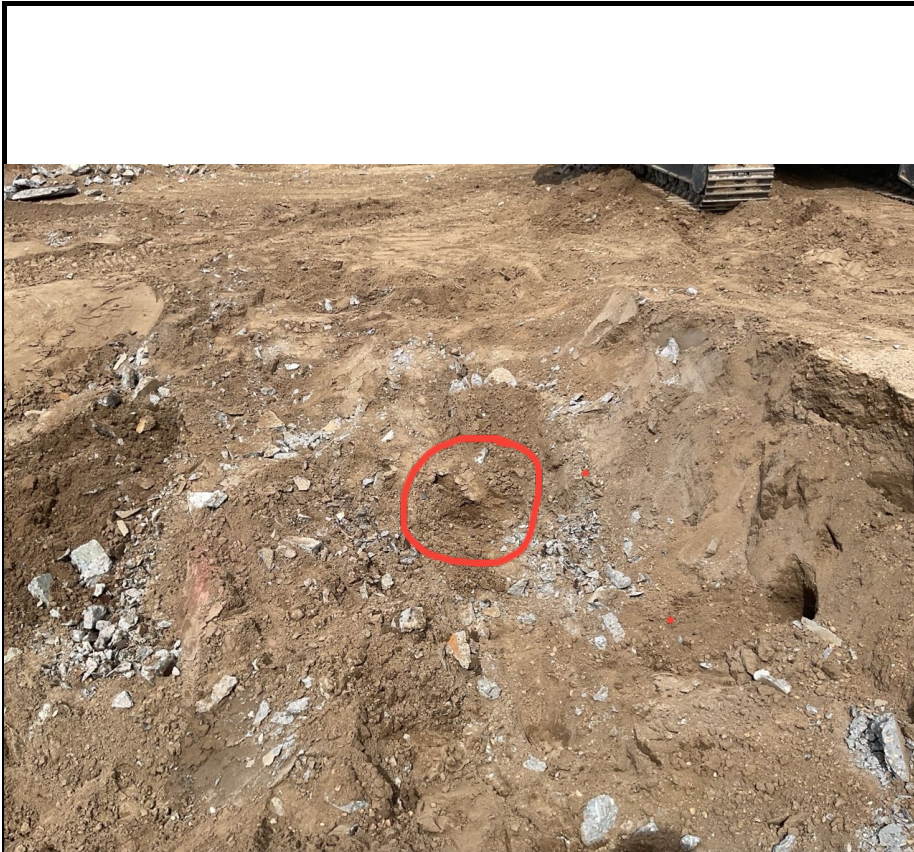
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Material:	Volume:	Contents:	
Notes/Conditions: PWV04-B@4'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV04-E@2.5'			



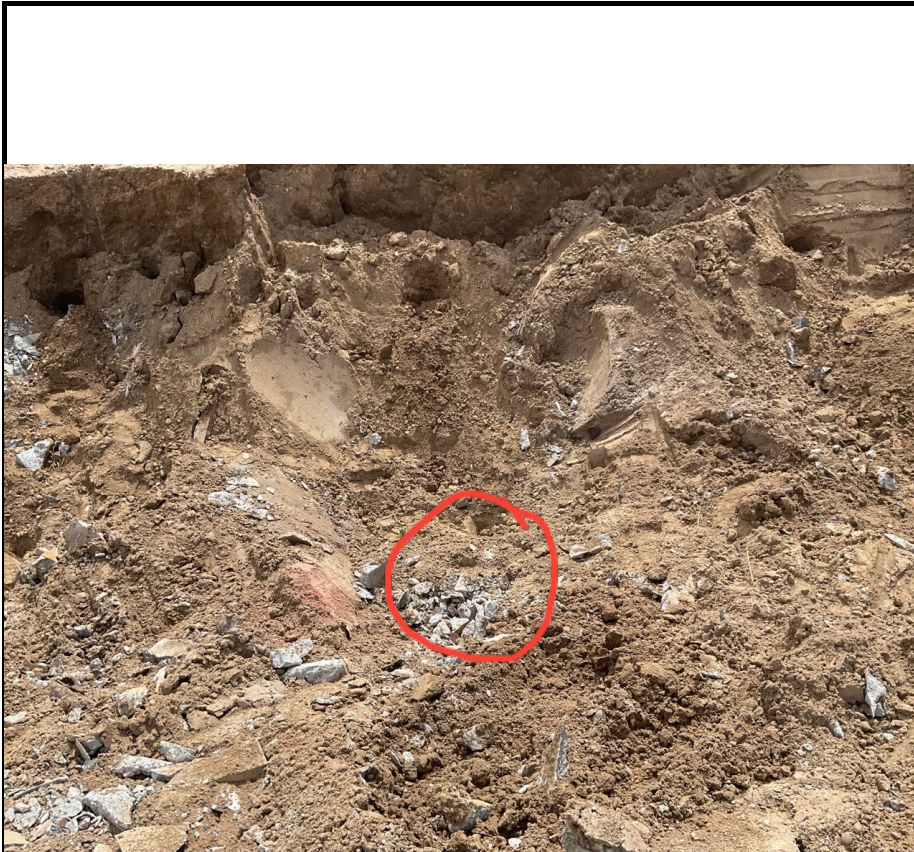
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Material:	Volume:	Contents:	
Notes/Conditions: PWV04-N@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV05-B@4' & PWV05-E@2.5'			



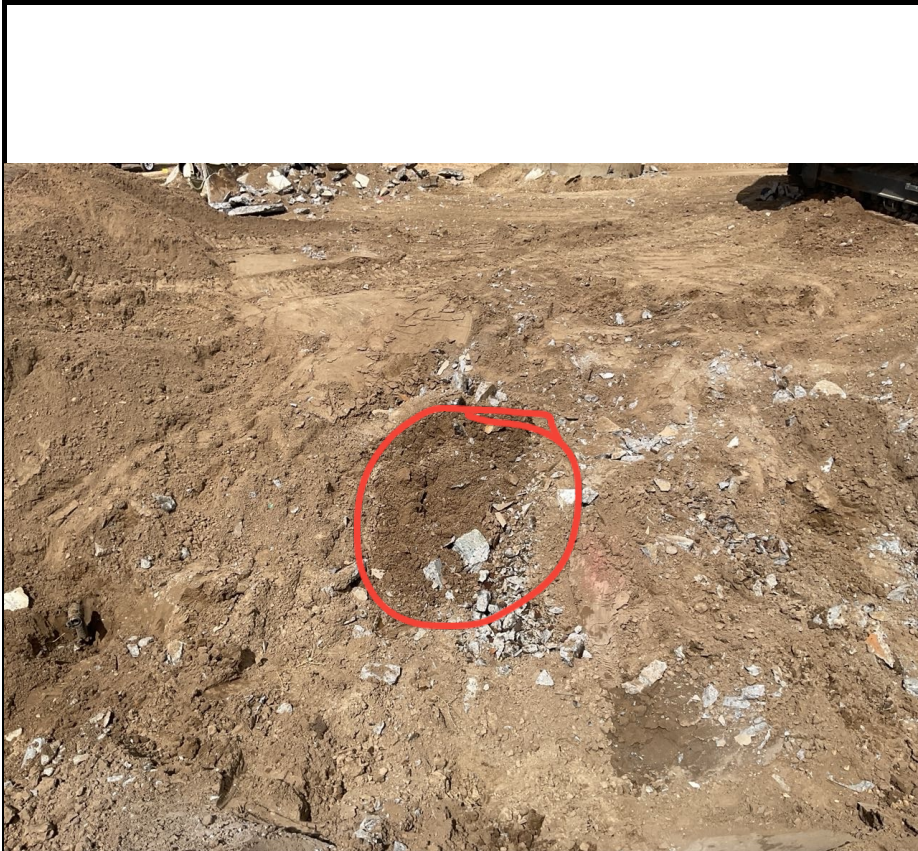
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Material:	Volume:	Contents:	
Notes/Conditions: PWV05-N@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV05-S@2.5'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV06-B@4'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV06-S@2.5'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV06-N@2.5'			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: PWV07-S@2.5'			



View:

Notes: PWV07-B@4'

View:

Notes: PWV07-W@2.5'

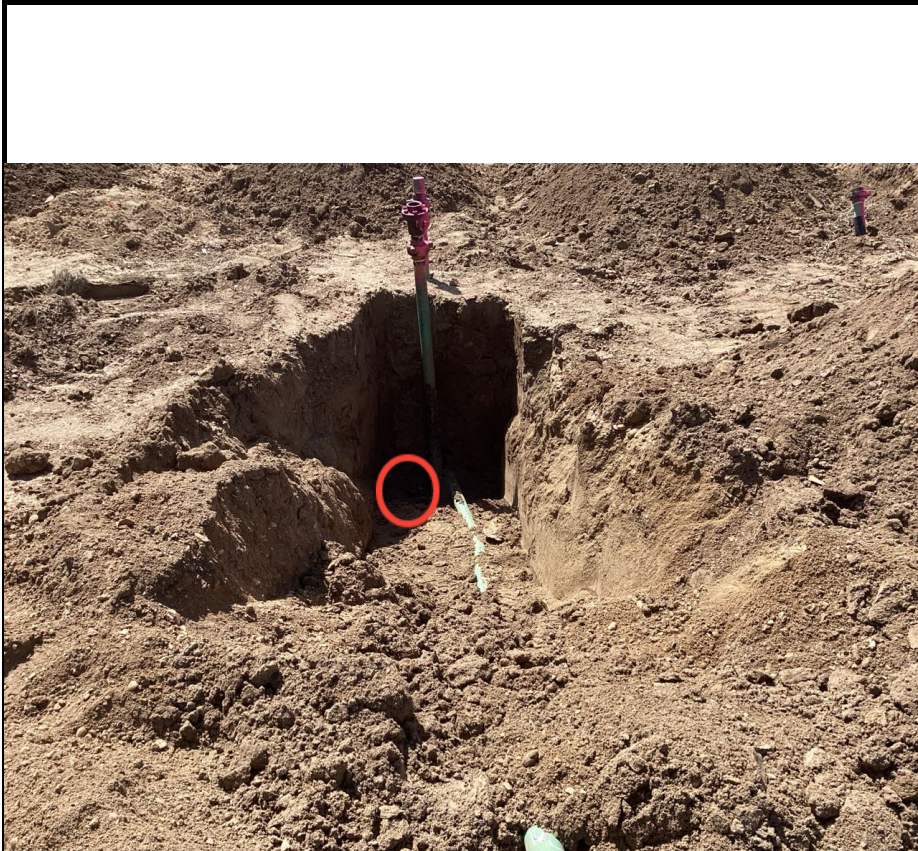


View:

Notes: PWV07-S@2.5'

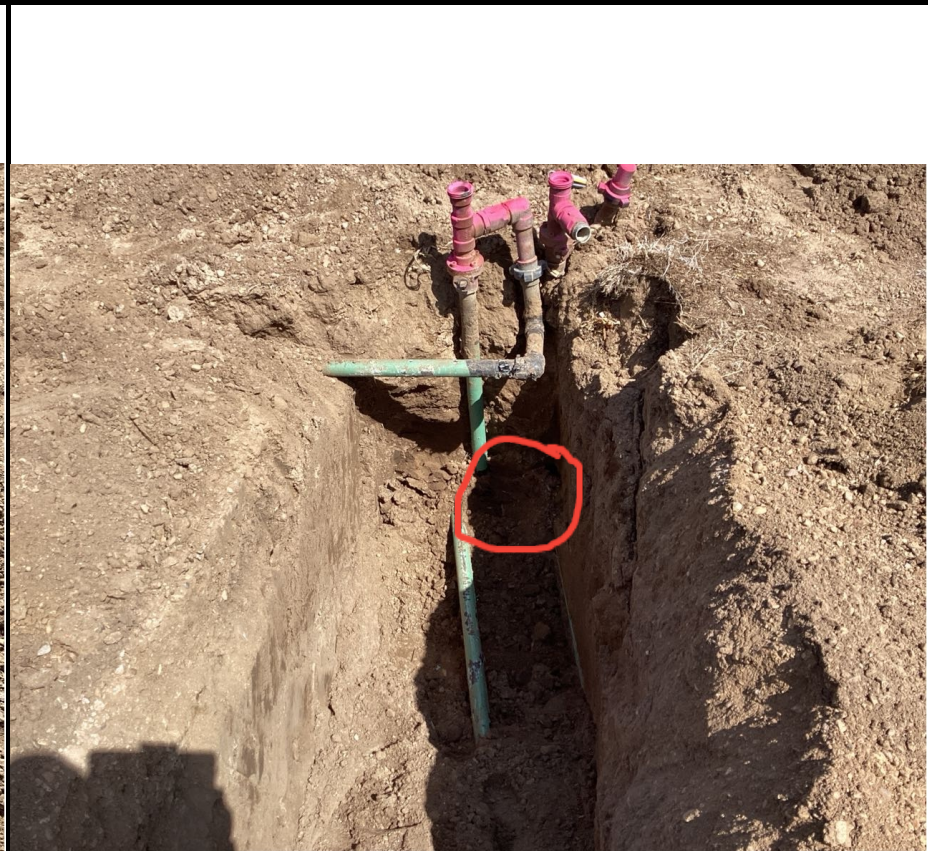
View:

Notes: PWV05-PWV07 SHOWING THAT IT IS ONE EXCAVATION SO NO SIDE WALLS IN THE MIDDLE




Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SEP01-FL@4'			

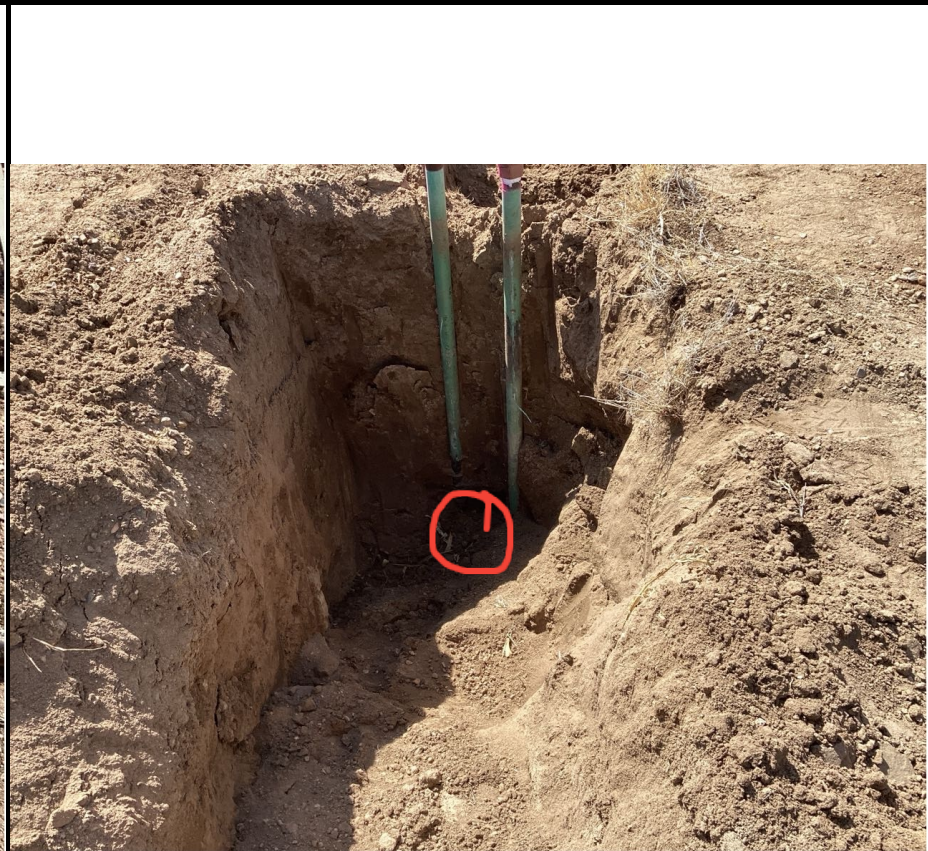
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Material:	Volume:	Contents:	
Notes/Conditions: SEP01-DL@4'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: FLARE02@0-6"			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SEP03-DL@4'			

					
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: FLARE01 @0-6"			Notes/Conditions: SEP04-DL @4'		



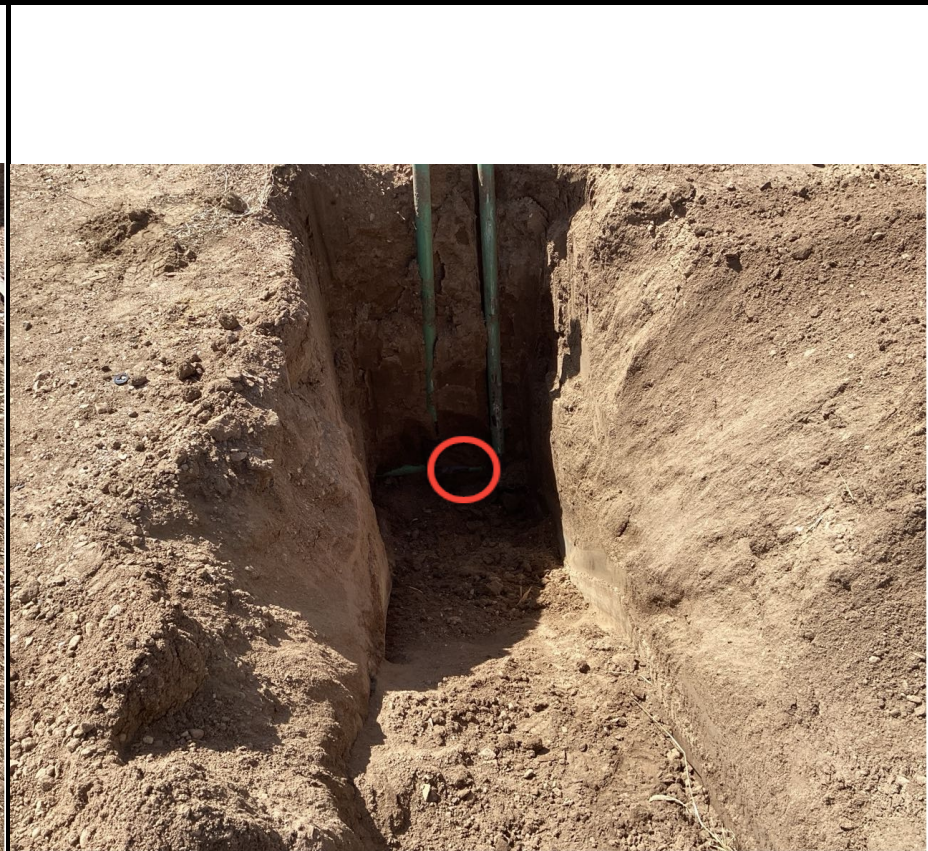
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Material:	Volume:	Contents:	
Notes/Conditions: MH04@0-6"			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SEP05-FL@4'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: MH03@0-6"			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SEP06-DL@4'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: MH02@0-6"			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: SEP07-DL@4'			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: MH01 @ 0-6"			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: BKG01			