

SITE NAME / REM: BORN SITZMAN 5 FL REM #32829								DATE: 4/18/2025	WEATHER: 50 and sunny		
TYPE OF WORK: Flowline Decommissioning Work								CLIENT: Chevron			
LAT/LONG: 40.281630/-104.534630								PERSONNEL: JW and SG			
ESTIMATED DEPTH TO GROUNDWATER: No groundwater encountered								OTHER OBSERVATIONS: Common trenched with 7 flowlines			
SOIL SAMPLING								FACILITY INFRASTRUCTURE			
Date	Soil Sample ID	Soil Type	PID (ppm)	Staining (Y/N)	Odor (Y/N)	Time	Sent to lab on Ice? (Y/N)	EQUIPMENT		Quantity	
								Above Ground Storage Tank (AST)			
4/18/2025	FL02-01@3'	SW	1.7	N	N	10:46	Y	Buried or Partially Buried Vessel		-	
4/18/2025	FL02-02@4'	SW	0.7	N	N	11:10	Y	Separator		1	
4/18/2025	FL02-05@4'	SW	0.0	N	N	14:35	Y	Emission Control Device (ECD)		-	
4/18/2025	FL02-06@4'	SW	0.0	N	N	15:50	Y	Dump Line		-	
4/18/2025	FL02-07@3'	SW	0.0	N	N	16:15	Y	Wellhead		1	
4/18/2025	FL02-03@3'	CL	0.1	N	N	14:15	Y	Flowline		7	
4/18/2025	FL02-04@3'	CL	4.2	N	N	15:25	Y	Third Party Equipment:		-	
4/18/2025	PH01@4'	SW	0.5	N	N	N/A	N/A	Other:		-	
4/18/2025	PH02@4'	SW	0.0	N	N	N/A	N/A	Soil Loads Removed			
4/18/2025	PH03@4'	SW	0.4	N	N	N/A	N/A	IMPACTED SOIL IDENTIFIED? No			
4/18/2025	PH04@4'	SW	0.0	N	N	N/A	N/A	ESTIMATED VOLUME OF IMPACTS:			
4/18/2025	PH05@4'	SW	0.0	N	N	N/A	N/A	Date	Number	CY	
4/18/2025	PH06@4'	SW	0.0	N	N	N/A	N/A				
4/18/2025	PH07@4'	SW	0.0	N	N	N/A	N/A				
4/18/2025	PH08@4'	SW	1.0	N	N	N/A	N/A				
4/18/2025	PH09@4'	SW	0.0	N	N	N/A	N/A				
4/18/2025	PH10@4'	SW	0.0	N	N	N/A	N/A				
4/18/2025	PH11@4'	SW	0.0	N	N	N/A	N/A				
4/18/2025	PH12@4'	SW	0.0	N	N	N/A	N/A				
4/18/2025	PH13@3'	SW	0.0	N	N	N/A	N/A	Total Removed			
4/18/2025	PH14@3'	SW	0.0	N	N	N/A	N/A	Disposal Facility:			
4/18/2025	PH15@3'	SW	0.0	N	N	N/A	N/A	Groundwater Recovery			
4/18/2025	PH16@3'	SW	0.0	N	N	N/A	N/A	DATE GW ENCOUNTERED:		DEPTH:	
4/18/2025	PH17@3'	SW	0.0	N	N	N/A	N/A	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?			
4/18/2025	PH18@3'	SW	0.0	N	N	N/A	N/A	LNAPL OR SHEEN OBSERVED ON GW?			
4/18/2025	PH19@3'	SW	5.4	N	N	N/A	N/A	Date	BBLS		
GROUNDWATER SAMPLING											
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?	Sent to lab on Ice? (Y/N)	Total Removed			
										Disposal Facility:	





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Thornton, Colorado
720.431.7468
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Flowline Closure Investigation and Environmental Summary

BORN SITZMAN 5

ECMC Remediation Project #32829

Weld County, Colorado

Attachments:

Figure 1 – Site Location Map

Figure 2 – Soil Sample and Field Screening Locations Map

Figure 3 – Supplemental Site Investigation Map

Table 1 – Field Data Summary Table

Table 2 – Summary of Volatile Organic Soil Chemistry Data

Table 3 – Summary of Polycyclic Aromatic Hydrocarbon Soil Chemistry Data

Table 4 – Summary of Soil Suitability for Reclamation

Table 5 – Summary of Metals in Soil Chemistry Data

Attachment A: Photographic Log

Attachment B: Flowline Closure Checklist



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FIGURES

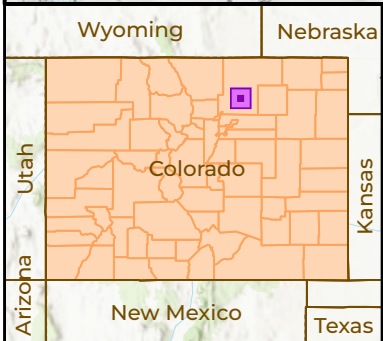
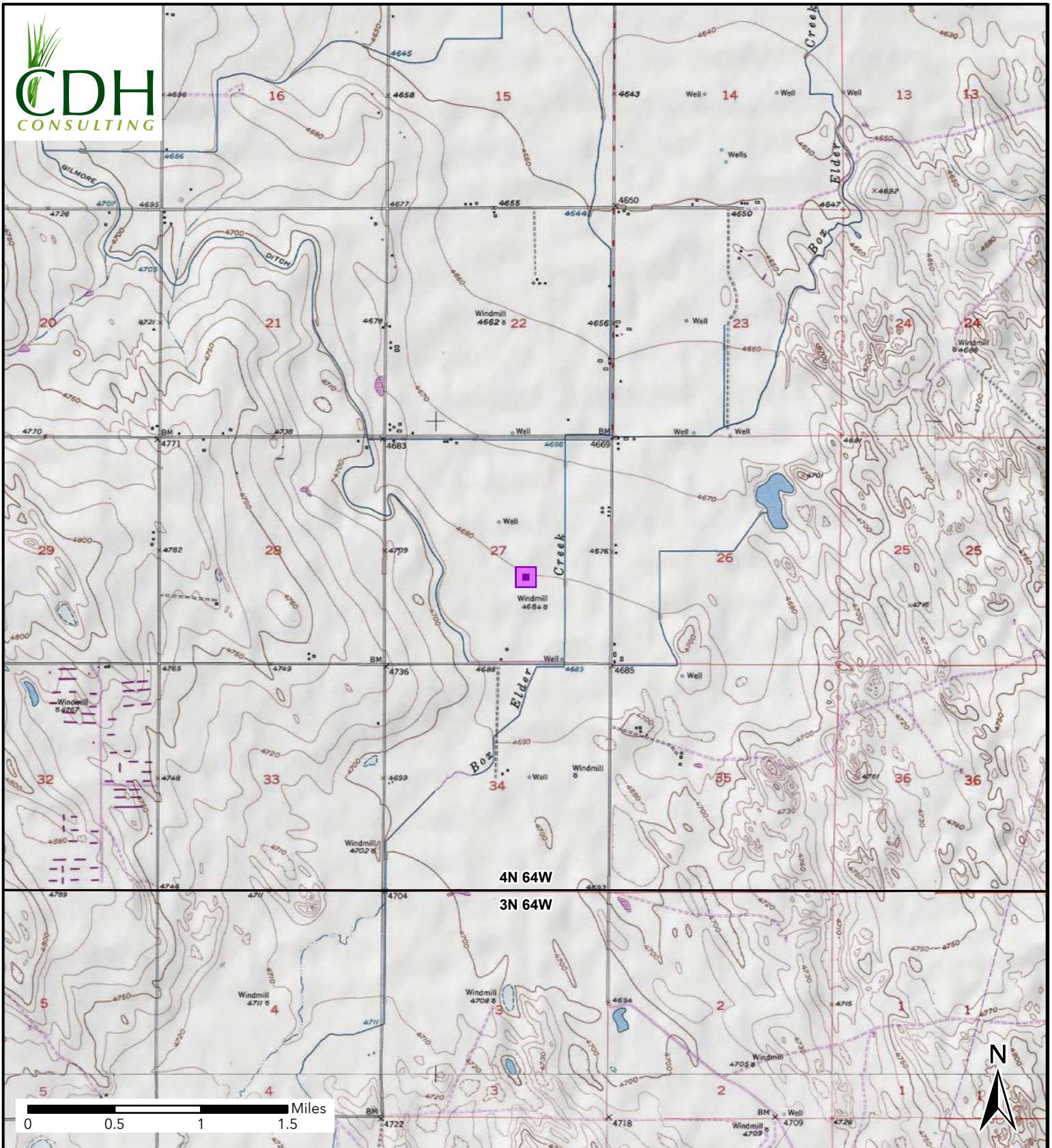



Figure 1
Site Location
BORN-SITZMAN 5
NWSE-SEC 27-T4N-R64W
Weld County, Colorado
Chevron

 Site Location

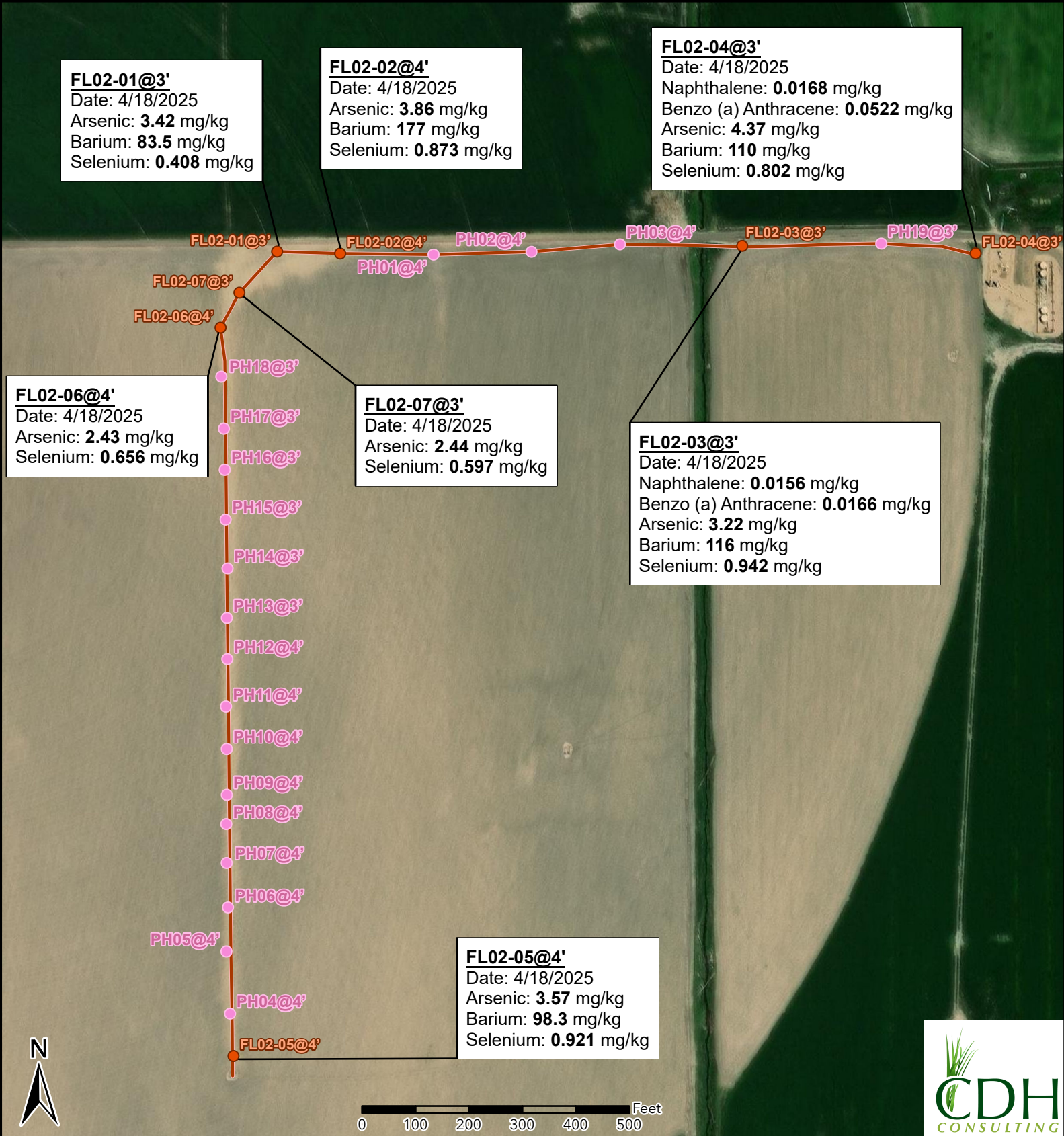


Figure 2
Sample Location Map
BORN SITZMAN 5
NWSE-SEC 27-T4N-R64W
Weld County, Colorado
Chevron

- Site Location
- Soil Sample
- Screening Point

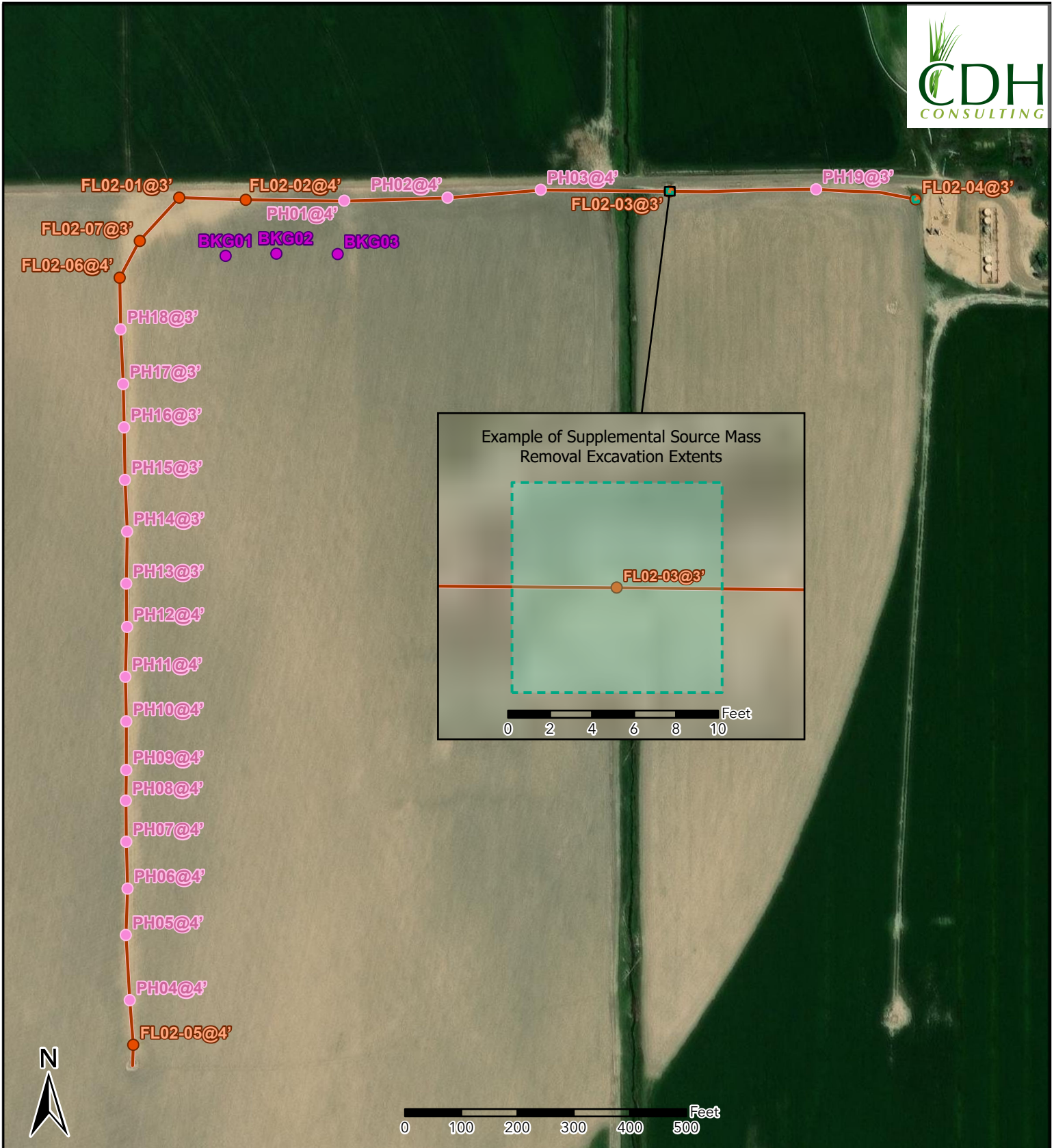


Figure 3 Supplemental Source Mass Removal Map

BORN SITZMAN 5
NWSE-SEC 27-T4N-R64W
Weld County, Colorado
Chevron

- Soil Sample
- Proposed Background Sample
- Screening Point
- 10'x10' Proposed Excavation



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TABLES

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
BORN SITZMAN 5, WELD COUNTY, COLORADO
REM # 32829

Sample ID	Sample Date	Depth (ft)	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude/Longitude			
FL02-01@3'	4/18/2025	3	40.285871	-104.534286	1.200000	1.7
FL02-02@4'	4/18/2025	4	40.285858	-104.533862	1.100000	0.7
FL02-03@3'	4/18/2025	3	40.285875	-104.531163	1.300000	0.1
FL02-04@3'	4/18/2025	3	40.285823	-104.529597	1.000000	4.2
FL01-05@3'	4/18/2025	3	40.285865	-104.531158	1.200000	4.8
FL02-06@4'	4/18/2025	4	40.285483	-104.534671	1.200000	0.0
FL02-07@3'	4/18/2025	3	40.285662	-104.534542	1.000000	0.0
PH01@4'	4/18/2025	4	40.285847	-104.533236	1.100000	0.5
PH02@4'	4/18/2025	4	40.285856	-104.532578	1.100000	0.0
PH03@4'	4/18/2025	4	40.285889	-104.531984	0.900000	0.4
PH04@4'	4/18/2025	4	40.281957	-104.534657	1.100000	0.0
PH05@4'	4/18/2025	4	40.282277	-104.534677	1.100000	0.0
PH06@4'	4/18/2025	4	40.282503	-104.534663	1.200000	0.0
PH07@4'	4/18/2025	4	40.282731	-104.534669	1.000000	0.0
PH08@4'	4/18/2025	4	40.283082	-104.534663	0.900000	1.0
PH09@4'	4/18/2025	4	40.283082	-104.534663	0.900000	0.0
PH10@4'	4/18/2025	4	40.283318	-104.534660	1.000000	0.0
PH11@4'	4/18/2025	4	40.283536	-104.534662	1.000000	0.0
PH12@4'	4/18/2025	4	40.283779	-104.534650	1.100000	0.0
PH13@3'	4/18/2025	3	40.283991	-104.534650	1.100000	0.0
PH14@3'	4/18/2025	3	40.284246	-104.534642	1.000000	0.0
PH15@3'	4/18/2025	3	40.284497	-104.534651	1.300000	0.0
PH16@3'	4/18/2025	3	40.284753	-104.534653	1.100000	0.0
PH17@3'	4/18/2025	3	40.284964	-104.534656	1.100000	0.0
PH18@3'	4/18/2025	3	40.285231	-104.534669	1.100000	0.0
PH19@3'	4/18/2025	3	40.285879	-104.530230	1.000000	5.4

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 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

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
BORN SITZMAN 5, WELD COUNTY, COLORADO
REM # 32829

Sample ID	Sample Date	Depth (ft)	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**		
FL02-01@3'	4/18/2025	3	<0.00100	<0.00500	<0.00250	<0.00650	<0.00500	<0.00500	<0.0200	2.87	<0.100	<4.00	2.87
FL02-02@4'	4/18/2025	4	<0.00100	<0.00500	<0.00250	<0.00650	<0.00500	<0.00500	<0.0200	1.44	<0.100	<4.00	1.44
FL02-03@3'	4/18/2025	3	<0.00100	<0.00500	<0.00250	<0.00650	<0.00500	<0.00500	0.0156	7.9844	0.0344	2.00	5.95
FL02-04@3'	4/18/2025	3	<0.00100	<0.00500	<0.00250	<0.00650	<0.00500	<0.00500	0.0168	31.6499	0.0399	3.61	28.0
FL02-05@4'	4/18/2025	4	<0.00100	<0.00500	<0.00250	<0.00650	<0.00500	<0.00500	<0.0200	0.9299	0.0249	<4.00	0.905
FL02-06@4'	4/18/2025	4	<0.00100	<0.00500	<0.00250	<0.00650	<0.00500	<0.00500	<0.0200	4.58	<0.100	<4.00	4.58
FL02-07@3'	4/18/2025	3	<0.00100	<0.00500	<0.00250	<0.00650	<0.00500	<0.00500	<0.0200	28.6645	0.0645	10.8	17.8

- 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)
 - * Indicates laboratory minimum detection limit in excess of SSL
 - ** Summation of GRO+DRO+ORO must be less than 500 mg/kg
- (<) = 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
AP = Analysis pending
NA = Not analyzed

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
BORN SITZMAN 5, WELD COUNTY, COLORADO
REM # 32829

Sample ID	Sample Date	Depth (ft)	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
FL02-01@3'	4/18/2025	3	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.00496	<0.00600	<0.00600	0.00341	<0.0200	<0.0200
FL02-02@4'	4/18/2025	4	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.00424	<0.00600	<0.00600	0.00274	<0.0200	<0.0200
FL02-03@3'	4/18/2025	3	0.0135	0.0231	0.0166	0.0116	0.0157	0.00485	0.0177	<0.00600	0.0581	0.0158	0.00789	0.0437	0.00533	0.00819
FL02-04@3'	4/18/2025	3	0.0258	0.0485	0.0522	0.0339	0.0456	0.0171	0.0546	0.00600	0.115	0.0359	0.0214	0.112	0.00357	0.00657
FL02-05@4'	4/18/2025	4	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.0200	<0.0200
FL02-06@4'	4/18/2025	4	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.0200	<0.0200
FL02-07@3'	4/18/2025	3	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.00223	<0.0200

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

4. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg

(<) = 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

AP = Analysis pending

NA = Not analyzed

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
BORN SITZMAN 5, WELD COUNTY, COLORADO
REM # 32829

Sample ID	Sample Date	Depth (ft)	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
FL02-01@3'	4/18/2025	3	8.22	1.32	4.22	0.605
FL02-02@4'	4/18/2025	4	7.91	3.30	4.21	0.513
FL02-03@3'	4/18/2025	3	8.04	1.40	3.17	0.270
FL02-04@3'	4/18/2025	3	7.85	1.14	2.41	1.17
FL02-05@4'	4/18/2025	4	7.78	2.91	4.00	1.21
FL02-06@4'	4/18/2025	4	8.03	0.773	4.18	0.334
FL02-07@3'	4/18/2025	3	8.03	1.37	5.58	0.554
Maximum Background Concentration			NA	NA	NA	NA

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.

AP = Analysis pending

NA = Not analyzed

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
BORN SITZMAN 5, WELD COUNTY, COLORADO
REM # 32829

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (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
FL02-01@3'	4/18/2025	3	3.42	83.5	0.129	<1.00*	9.78	7.58	8.54	0.408	<0.500	40.3
FL02-02@4'	4/18/2025	4	3.86	177	0.151	<1.00*	12.5	10.9	11.6	0.873	<0.500	49.7
FL02-03@3'	4/18/2025	3	3.22	116	0.135	<1.00*	11.2	9.54	8.58	0.942	<0.500	43.4
FL02-04@3'	4/18/2025	3	4.37	110	0.169	<1.00*	12.1	10.7	11.0	0.802	<0.500	53.6
FL02-05@4'	4/18/2025	4	3.57	98.3	0.172	<1.00*	15.7	11.6	14.1	0.921	<0.500	61.1
FL02-06@4'	4/18/2025	4	2.43	70.8	<1.00	<1.00*	7.55	13.2	6.63	0.656	<0.500	28.7
FL02-07@3'	4/18/2025	3	2.44	70.7	0.105	<1.00*	6.93	6.74	6.61	0.597	<0.500	28.2
1.25x Maximum Background Concentration			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
2. **Red** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
4. Non-detect background results accounted for in the highest background concentration by using the reporting limit.

ECMC = Energy & Carbon Management Commission

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

mg/kg = Milligrams per kilogram

ft = Feet

* Indicates laboratory minimum detection limit in excess of SSL

AP = Analysis pending

NA = Not analyzed



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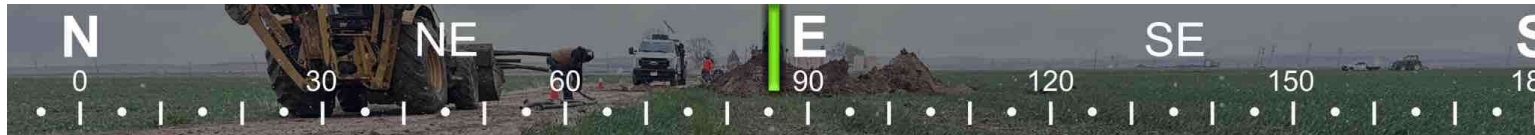
ATTACHMENT A
PHOTOGRAPHIC LOG

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☉ 86°E (T) ☉ 40.285872°N, 104.534293°W ±16ft ▲ 4688ft



Photo 1: View of FL02-01 sample location, facing east

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☉ 184°S (T) ● 40.285914°N, 104.533817°W ±16ft ▲ 4685ft



FL02-02@4'

BORN-SITZMAN 5
18 Apr 2025, 11:12:32

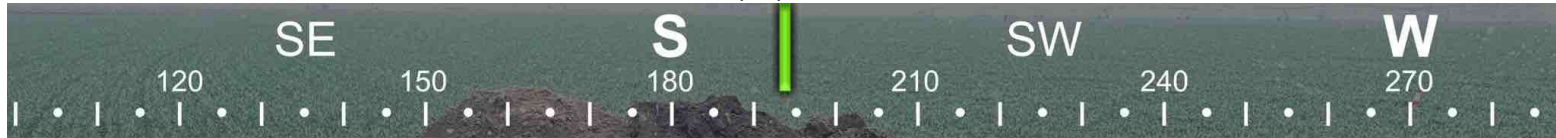
Photo 2: View of FL02-02 sample location, facing south

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☉ 194°S (T) ● 40.285905°N, 104.533208°W ±32ft ▲ 4690ft



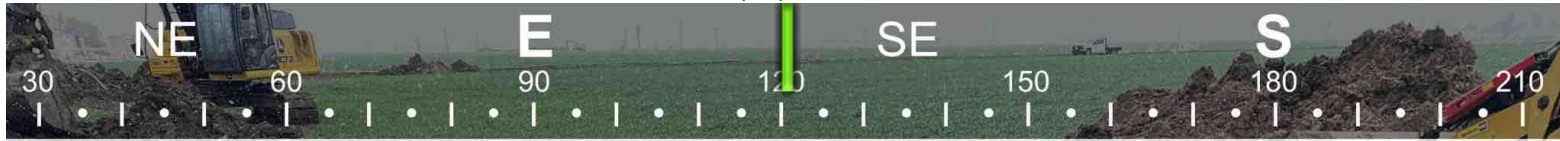
Photo 3: View of PH01 screening location, facing south

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☉ 121°SE (T) ● 40.285913°N, 104.532636°W ±32ft ▲ 4694ft



PH02@4

BORN-SITZMAN 5
18 Apr 2025 12:02:00

Photo 4: View of PH02 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 98°E (T) ● 40.285891°N, 104.532051°W ±9ft ▲ 4673ft



PH0304

BORN-SITZMAN 5
18 Apr 2025, 12:44:57

Photo 5: View of PH03 screening location, facing east

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 268°W (T) ● 40.285861°, -104.531158° ±16ft ▲ 4695ft



Photo 6: View of FL02-03 sampling location, facing west

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



Photo 7: View of PH19 screening location, facing east

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 286°W (T) ● 40.285814°, -104.529576° ±16ft ▲ 4686ft



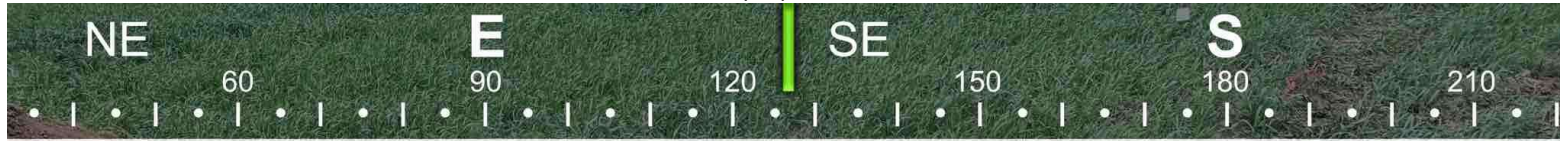
Photo 8: View of FL02-06 sampling location, facing west

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 127°SE (T) ● 40.281732°N, 104.534652°W ±32ft ▲ 4683ft



FL01-05@4

BORN-SITZMAN 5
18 Apr 2025, 14:35:57

Photo 9: View of FL02-05 sampling location (photo was incorrectly named), facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025

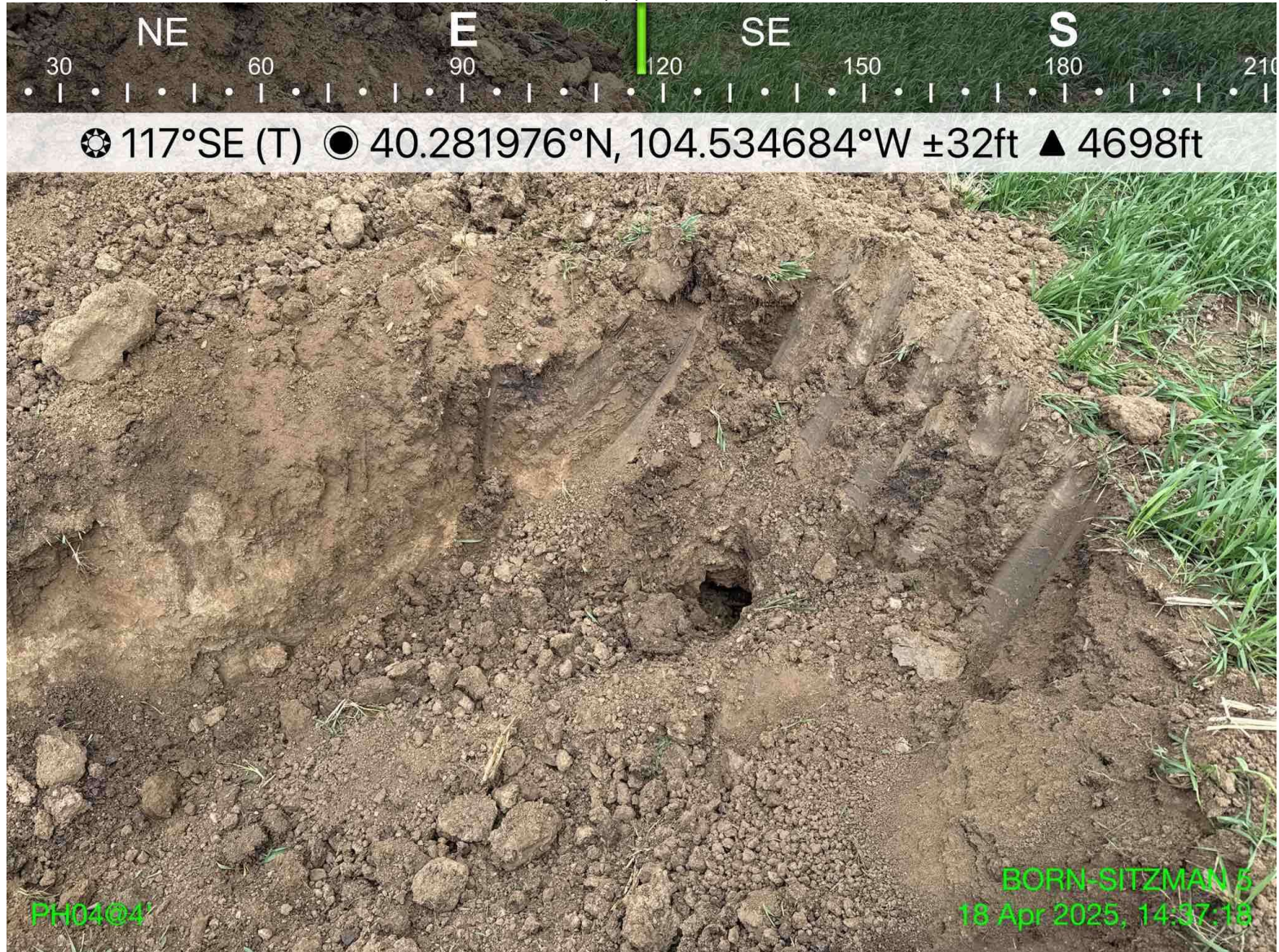


Photo 10: View of PH04 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



Photo 11: View of PH05 screening location, facing southwest

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025

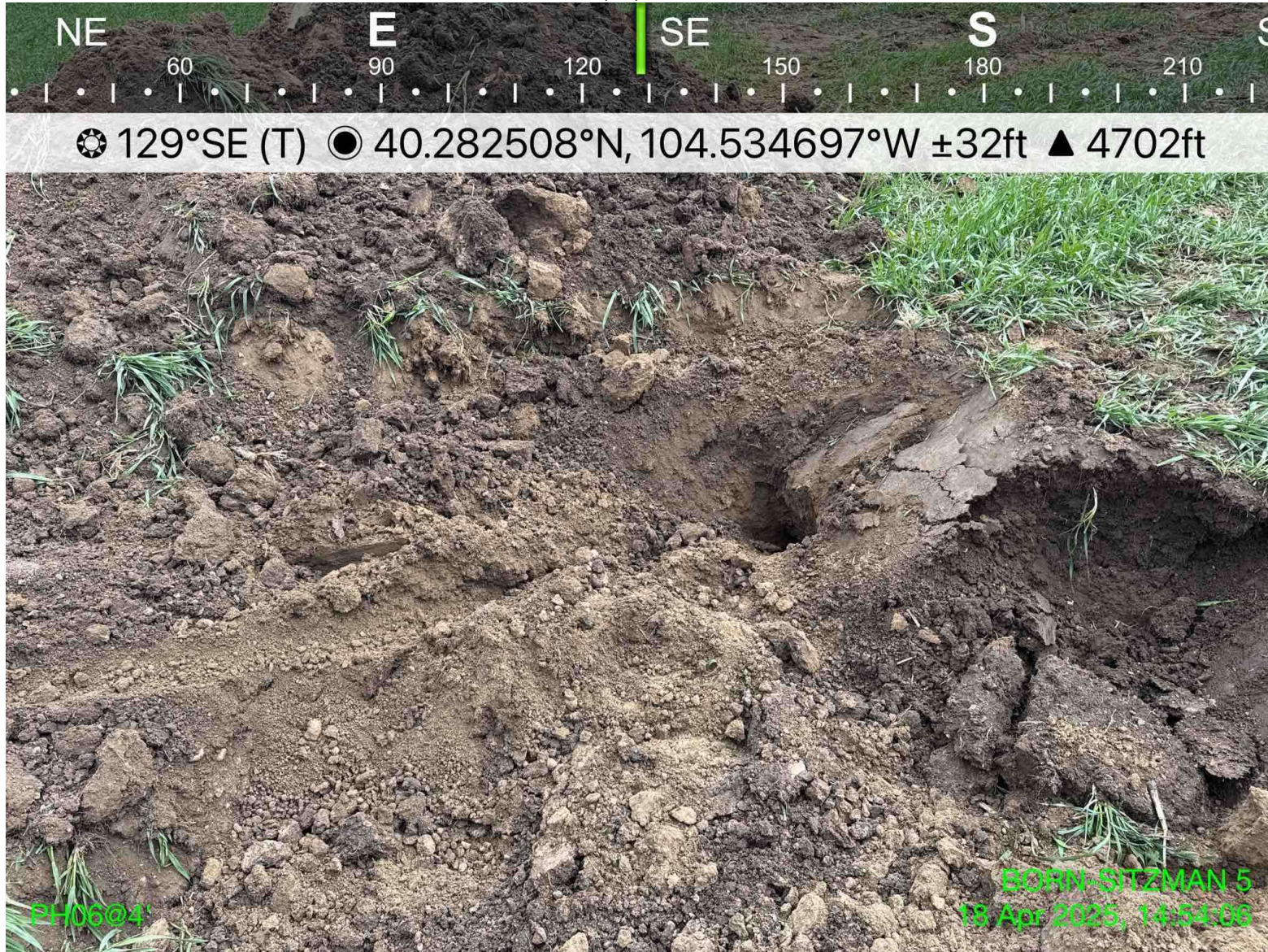


Photo 12: View of PH06 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



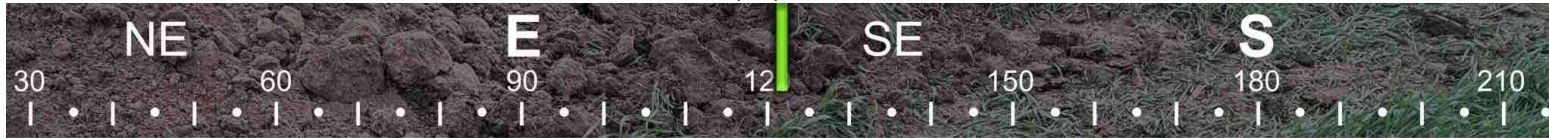
Photo 13: View of PH07 screening location, facing southwest

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 122°SE (T) ● 40.282930°N, 104.534668°W ±32ft ▲ 4692ft



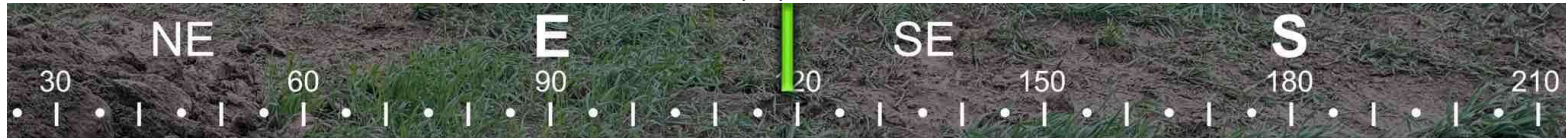
Photo 14: View of PH08 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☉ 119°SE (T) ● 40.283071°N, 104.534672°W ±32ft ▲ 4699ft



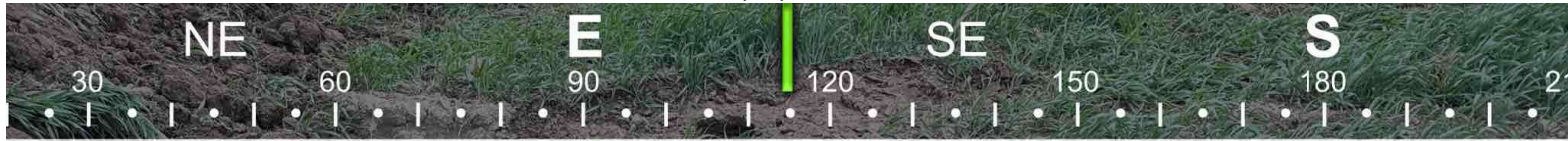
Photo 15: View of PH09 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 115°SE (T) ● 40.283320°N, 104.534663°W ±32ft ▲ 4690ft



PH1004

BORN-SITZMAN 5
18 Apr 2025, 15:05:34

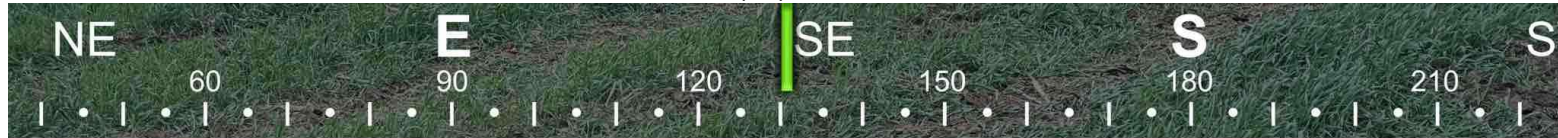
Photo 16: View of PH10 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 131°SE (T) ● 40.283584°N, 104.534716°W ±26ft ▲ 4682ft



PH11@4'

BORN-SITZMAN 5
18 Apr 2025, 15:09:40

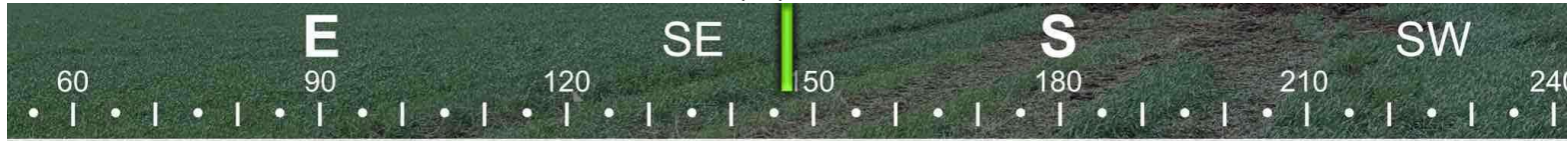
Photo 17: View of PH11 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 147°SE (T) ● 40.283815°N, 104.534666°W ±16ft ▲ 4686ft



PH1204

BORN-SITZMAN 5
18 Apr 2025 15:22:33

Photo 18: View of PH12 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☉ 140°SE (T) ● 40.284061°N, 104.534711°W ±98ft ▲ 4673ft



PH13@4

BORN-SITZMAN 5
18 Apr 2025, 15:24:13

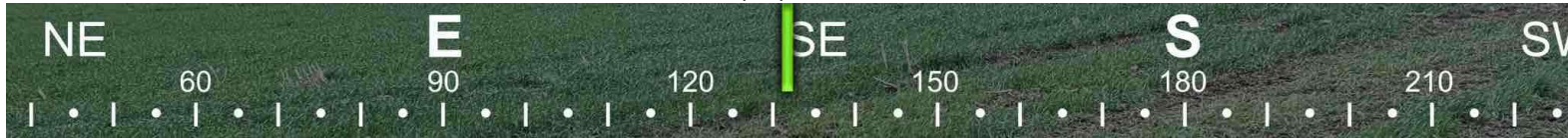
Photo 19: View of PH13 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 132°SE (T) ● 40.284256°N, 104.534844°W ±75ft ▲ 4781ft



Photo 20: View of PH14 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 134°SE (T) ● 40.284531°N, 104.534680°W ±32ft ▲ 4684ft



PH15@4'

BORN-SITZMAN 5
18 Apr 2025, 15:25:41

Photo 21: View of PH15 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☉ 134°SE (T) ● 40.284778°N, 104.534677°W ±16ft ▲ 4689ft



PH16@4'

BORN-SITZMAN 5
18 Apr 2025, 15:28:25

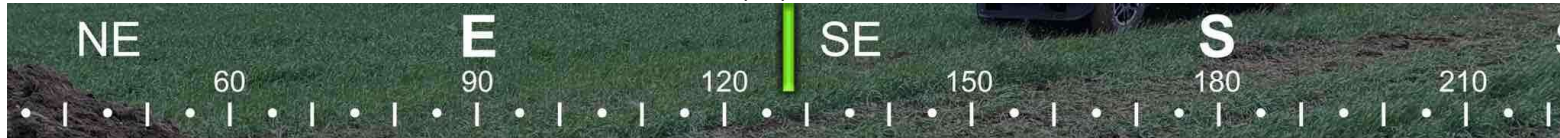
Photo 22: View of PH16 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 128°SE (T) ● 40.284997°N, 104.534684°W ±16ft ▲ 4687ft



PH17@4'

BORN-SITZMAN 5
18 Apr 2025, 15:29:29

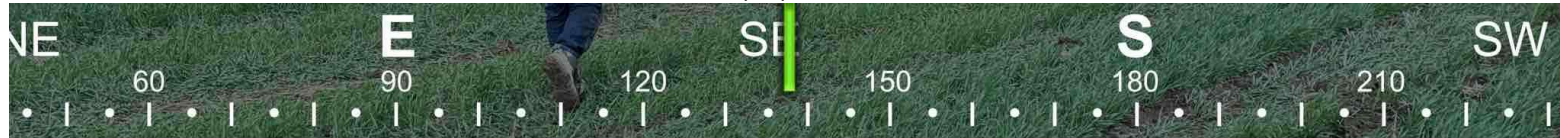
Photo 23: View of PH17 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 138°SE (T) ● 40.285263°N, 104.534696°W ±16ft ▲ 4686ft



PH1804

BORN-SITZMAN 5
18 Apr 2025, 15:40:40

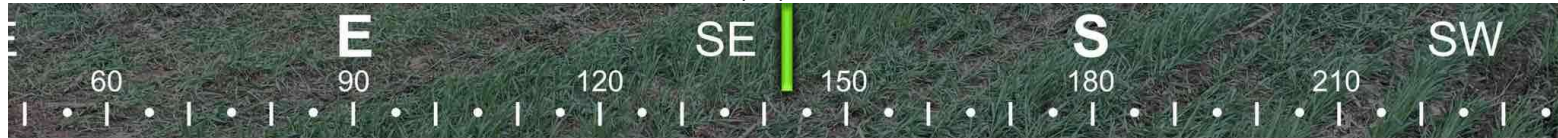
Photo 24: View of PH18 screening location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

4/18/2025



☀ 143°SE (T) ● 40.285447°N, 104.534705°W ±16ft ▲ 4699ft



FL02-06@4'

BORN-SITZMAN 5
18 Apr 2025 19:50:17

Photo 25: View of FL02-06 sampling location, facing southeast

Attachment A - Photographic Log

BORN-SITZMAN 5

Chevron REM #32829

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Photo 26: View of FL02-07 sampling location, facing southeast



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ATTACHMENT B
FLOWLINE CLOSURE CHECKLISTS

Flowline Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

<i>Additional Attachments:</i>	Tank Battery Closure	Wellhead Closure	Pit Closure	Partially Buried Vault Closure
<i>Site Name & COGCC Facility Number:</i> BORN-SITZMAN 5, 123-12908		<i>Date:</i> 4/18/2025		<i>Remediation Project #:</i> 32829
<i>Associated Wells:</i> BORN-SITZMAN 5, 123-12908		<i>Age of Site:</i> 12/27/1985 - Spud date		<i>Number of Photos Attached:</i> 26
<i>Starting point: (GPS coordinates and descriptions)</i> Point A: 40.281630, -104.534630				
<i>End point: (GPS coordinates and descriptions)</i> Point B: 40.285735, -104.529553				
<i>USCS Soil Type:</i> CL and SW			<i>Estimated Depth to Groundwater:</i> Groundwater not encountered	
<i>Hydrocarbon Impacted Soils / Spills:</i> (Note estimated size and if impact appears to be surficial or extends to an unknown depth) Yes - to an unknown depth				
<i>Salt Crusted Soils or Impacted Vegetation:</i> (Note estimated size and if impact appears to be surficial or extends to an unknown depth) None observed				
Flowlines				
<i>Flowline type</i>	Multiphase			
<i>Depth</i>	3-4 feet			
<i>Age</i>	12/27/1985 - Spud date			
<i>Length</i>	3045 feet			
<i>Construction Material</i>	Steel			
<i>Were flowlines pulled?</i>	Yes			
<i>Visual Integrity of lines</i>	Good			
<i>Visual impacts if trenched</i>	None			
<i>PID Readings if trenched</i>	5.4			
<i>Sample taken?</i>	Yes, see attached			
<i>Photo Number(s)</i>	See attached			
<i>Other observations regarding on location flowlines:</i> None				
Summary				
<i>Was impacted soil identified?</i> No Yes - less than 10 cubic yards Yes - more than 10 cubic yards				
<i>Total number of samples field screened:</i> 26			<i>Total number of samples collected:</i> 7	
<i>Highest PID Reading:</i> 5.4			<i>Total number of samples submitted to lab for analysis:</i> 7	
<i>If more than 10 cubic yards of impacted soil were observed:</i>				
<i>Vertical extent:</i> Unknown			<i>Estimated spill volume:</i> Unknown	
<i>Lateral extent:</i> Unknown			<i>Volume of soil removed:</i> None	
<i>Is additional investigation required? Yes, supplemental source mass removal</i>				
<i>Was groundwater encountered during the investigation?</i> <u>No</u> Yes - not impacted or in contact with impacted soils Yes - groundwater impacted and/or in contact with impacted soils				
<i>Measured depth to groundwater:</i>			<i>Was remedial groundwater removal conducted? Yes No</i>	
<i>Date Groundwater was encountered:</i>			<i>Commencement date of removal:</i>	
<i>Sheen on groundwater? Yes No</i>			<i>Volume of groundwater removed prior to sampling:</i>	
<i>Free product observed? Yes No</i>			<i>Volume of groundwater removed post sampling:</i>	
<i>Total number of samples collected:</i>			<i>Total Volume of groundwater removed:</i>	
<i>Total number of samples submitted to lab for analysis:</i>				