



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ETC Anthony Release
 PROJECT NUMBER: 12569986
 CLIENT: Energy Transfer Partners
 LOCATION: Anthony, Kansas

HOLE DESIGNATION: B-1 (MW-1)
 DATE COMPLETED: 25 January 2023
 DRILLING METHOD: 8.25" OD HSA
 FIELD PERSONNEL: J. Raye

File: \\GHDNET\GHD\INDUSTOPEKA\PROJECTS\6312569986\TECH\GINT\12569986-2023.GPJ Library File: GHD_ENVIRO_V08.GLB Report: OVERBURDEN LOG Date: 2/2/23

| DEPTH ft BGS | STRATIGRAPHIC DESCRIPTION & REMARKS | DEPTH BGS | MONITOR INSTALLATION | SAMPLE | | | | | |
|-----------------|--|--------------|---|--------|----------|---------|-----------|-----------|------|
| | | | | NUMBER | INTERVAL | REC (%) | 'N' Value | PID (ppm) | |
| 2 | ML-CLAYEY SILT, soft, low plasticity, dark reddish brown, slight moisture | | <p style="text-align: center;">Concrete Bentonite Sand Pack Well Screen</p> | 1 | P/S | 100 | | 0.0 | |
| 4 | ML CLAYEY SILT, stiff, low plasticity, reddish brown, moist | 2.50 | | | 2 | P/S | 100 | | 35.4 |
| 6 | | | | | | | | | |
| 8 | - wet zone, spongy, slight odor from 8.00 to 14.50ft BGS | | | | | | | | |
| 10 | - becomes stiff, less moisture, more clay, slight odor at 9.50ft BGS | | | | | | | | |
| 12 | | | | 3 | P/S | 100 | | 870.4 | |
| 14 | | 14.50 | | | | | | | |
| 16 | ML-CLAYEY SILT, soft, friable, reddish brown, white mottling, hydrocarbon odor | | | 4 | P/S | 100 | | 132.6 | |
| 18 | - Refusal at 16.50ft BGS | 16.50 | | | | | | 28.1 | |
| 20 | END OF BOREHOLE @ 16.50ft BGS | | | | | | | | |

COMPLETION DETAILS
 Screened interval:
 8.00 to 18.00ft BGS
 Length: 10ft
 Diameter: 2in
 Slot Size: #10
 Material: PVC
 Sand Pack:
 6.00 to 18.00ft BGS
 Material: Silica

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS