

DESCRIPTION	REVISIONS	DATE

BORING NO. B-1  
 STA. 2440+13.00  
 20' RIGHT  
 OF C.R.L. SH 34

ELEVATION 2026.3

SILTY SAND WITH ASPHALT MILLINGS, BROWN (10YR 4/3) AND BLACK (10YR 2/1) (FILL MATERIAL)

CLAYEY SAND, DARK BROWN (10YR 3/3), VERY LOOSE TO LOOSE (POSSIBLE FILL MATERIAL)

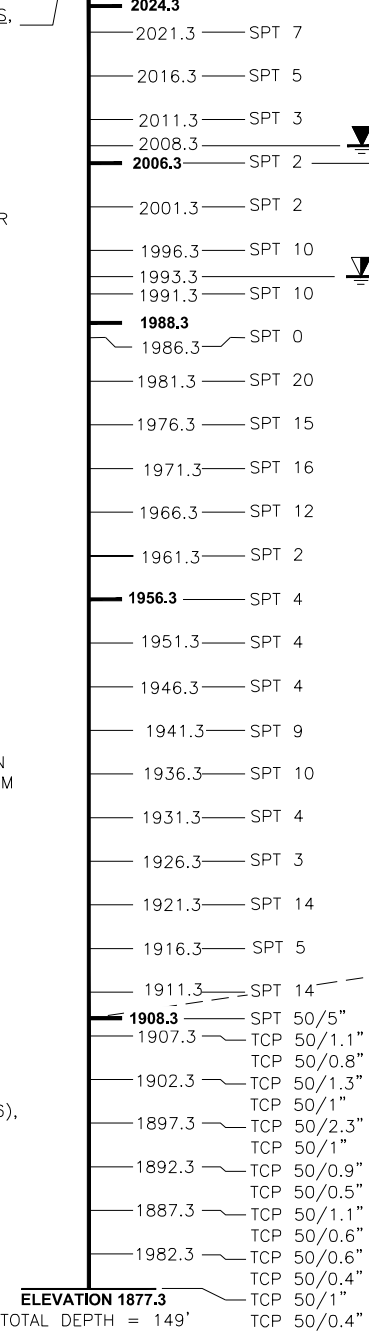
SILTY SAND, GRAYISH BROWN (10YR 5/2), VERY LOOSE TO LOOSE

\*N=0, WEIGHT OF HAMMER AT 40 FEET\*

POORLY GRADED SAND WITH SILT, VERY PALE BROWN (10YR 7/4), VERY LOOSE TO MEDIUM DENSE

SILTY SAND, LIGHT REDDISH BROWN (5YR 6/4), VERY LOOSE TO MEDIUM DENSE

SANDY SILTSTONE, RED (2.5YR 5/6), WELL CEMENTED TO VERY WELL CEMENTED



ELEVATION 1877.3  
 TOTAL DEPTH = 149'  
 DATE OF BORING: 6/16/14  
 WATER ELEVATION 2008.3'  
 24 HOURS AFTER DRILLING

NOTES:

- SPT DENOTES STANDARD PENETRATION TESTS
- TCP DENOTES TEXAS CONE PENETRATION TESTS
- ▽ DENOTES WATER ELEVATION DURING DRILLING
- ▽ DENOTES WATER ELEVATION AT NOTED TIME
- ▽ DENOTES CAVE IN DEPTH
- ≡ DENOTES ROCK ELEVATION

BORING NO. B-2  
 STA. 2441+56.00  
 21' LEFT  
 OF C.R.L. SH 34

ELEVATION 2015.4

SANDY LEAN CLAY, DARK BROWN (10YR 3/3), MEDIUM STIFF

SILTY SAND, DARK BROWN (10YR 3/3), VERY LOOSE

POORLY GRADED SAND WITH SILT, DARK BROWN (10YR 3/3), VERY LOOSE

\*N=0, WEIGHT OF HAMMER AT 35 FEET\*

SILTY SAND, GRAYISH BROWN (10YR 5/2), VERY LOOSE TO MEDIUM DENSE

SILTY SAND, WITH GRAVEL, LIGHT GRAY (10YR 7/2) TO LIGHT REDDISH BROWN (5YR 4/4), LOOSE TO MEDIUM DENSE

SILTY SAND, VERY PALE BROWN (5YR 7/4), VERY LOOSE TO MEDIUM DENSE

SILTY SAND, WITH GRAVEL, LIGHT REDDISH BROWN (5YR 6/4), VERY LOOSE TO MEDIUM DENSE

SANDY SILTSTONE, RED (2.5YR 5/6), WELL CEMENTED TO VERY WELL CEMENTED

SANDY SILTSTONE, RED (2.5YR 5/6), WELL CEMENTED TO VERY WELL CEMENTED

ELEVATION 1888.9  
 TOTAL DEPTH = 126.5'  
 DATE OF BORING: 5/19/14  
 WATER ELEVATION 2011.4'  
 18 HOURS AFTER DRILLING

INTERPRETED FOUNDATION LINE

GEOLOGICAL STATEMENT

DIVISION SIX OF THE "ENGINEERING CLASSIFICATION OF GEOLOGICAL MATERIALS", PUBLISHED BY THE OKLAHOMA DEPARTMENT OF TRANSPORTATION (ODOT) INDICATES THE PROJECT SITE IS UNDERLAIN BY THE RUSH SPRINGS UNIT (PRS).

THE RUSH SPRINGS UNIT CONSISTS DOMINANTLY OF ORANGE-BROWN, FINE-GRAINED SANDSTONE IN THE UPPER HALF OF THE UNIT AND INTERBEDDED RED-BROWN SILTY SHALE, SILTSTONE AND SANDSTONE IN THE LOWER HALF. SHALE IS DOMINANT IN THE LOWER HALF OF THE UNIT IN THE DIVISION, BUT THE SHALE GRADES TO SANDSTONE ACROSS WOODWARD COUNTY AND BECOMES ALMOST ENTIRELY SANDSTONE IN NORTHERN DEWEY COUNTY OF DIVISION 5.

BORING NO. B-3  
 STA. 2442+77.00  
 21' RIGHT  
 OF C.R.L. SH 34

ELEVATION 2015.7

SANDY LEAN CLAY, DARK BROWN (10YR 3/3), MEDIUM STIFF

SILTY SAND, LIGHT GRAY (10YR 7/2), VERY LOOSE

LEAN CLAY, GRAY (10YR 6/1), SOFT

SILTY SAND, LIGHT GRAY (10YR 7/2) TO DARK GRAY (10YR 4/1), VERY LOOSE TO LOOSE

POORLY GRADED SAND WITH SILT, LIGHT GRAY (10YR 7/2), VERY LOOSE TO LOOSE

SANDY LEAN CLAY, DARK GRAY (10YR 4/1), MEDIUM STIFF

SILTY SAND, REDDISH BROWN (5YR 4/3) WITH GRAY (10YR 6/1), LOOSE TO MEDIUM DENSE

POORLY GRADED SAND, VERY PALE BROWN (10YR 7/3), LOOSE TO MEDIUM DENSE

SANDY SILTSTONE, RED (2.5YR 5/6), CEMENTED TO VERY WELL CEMENTED

SANDY SILTSTONE, RED (2.5YR 5/6), CEMENTED TO VERY WELL CEMENTED

ELEVATION 1899.2  
 TOTAL DEPTH = 116.5'  
 DATE OF BORING: 5/20/14  
 WATER ELEVATION 2010.2'  
 0 HOURS AFTER DRILLING

BORING NO. B-4  
 STA. 2443+60.00  
 50' LEFT  
 OF C.R.L. SH 34

ELEVATION 2015.5

CLAYEY SAND, DARK BROWN (10YR 3/3), VERY LOOSE TO LOOSE

SANDY LEAN CLAY, DARK BROWN (10YR 3/3), VERY SOFT

\*N=0, WEIGHT OF HAMMER AT 15 FEET\*

\*N=0, WEIGHT OF HAMMER AT 20 FEET\*

SILTY SAND, VERY PALE BROWN (10YR 7/4), VERY LOOSE TO MEDIUM DENSE

POORLY GRADED SAND, VERY PALE BROWN (10YR 7/3), VERY LOOSE

LEAN CLAY WITH SAND, SHALEY, RED (5YR 4/6), VERY STIFF TO HARD

SANDY SILTSTONE, RED (2.5YR 5/6), CEMENTED TO VERY WELL CEMENTED

SANDY SILTSTONE, RED (2.5YR 5/6), CEMENTED TO VERY WELL CEMENTED

ELEVATION 1899.5  
 TOTAL DEPTH = 116'  
 DATE OF BORING: 6/17/14  
 WATER ELEVATION 2010.5'  
 2 HOURS AFTER DRILLING

NOTE:  
 INTERPRETED FOUNDATION LINE FOR ESTIMATING PURPOSES ONLY.

WATER ELEVATIONS SHOWN WERE OBTAINED AT THE TIME BORINGS WERE DRILLED AND MAY FLUCTUATE THROUGHOUT THE YEAR.

THIS DRAWING IS PRELIMINARY IN NATURE. IT IS NOT A FINAL SIGNED AND SEALED DRAWING

DESIGN	J.W.H.
DRAWN	M.R.S.
CHECKED	J.W.H.
APPROV.	T.A.C.
SQUAD	CEC

SH34 OVER N. PERSIMMON CREEK WOODWARD COUNTY BRIDGE A

FOUNDATION REPORT

JOB PIECE NO. 28827(04) SHEET NO. 22