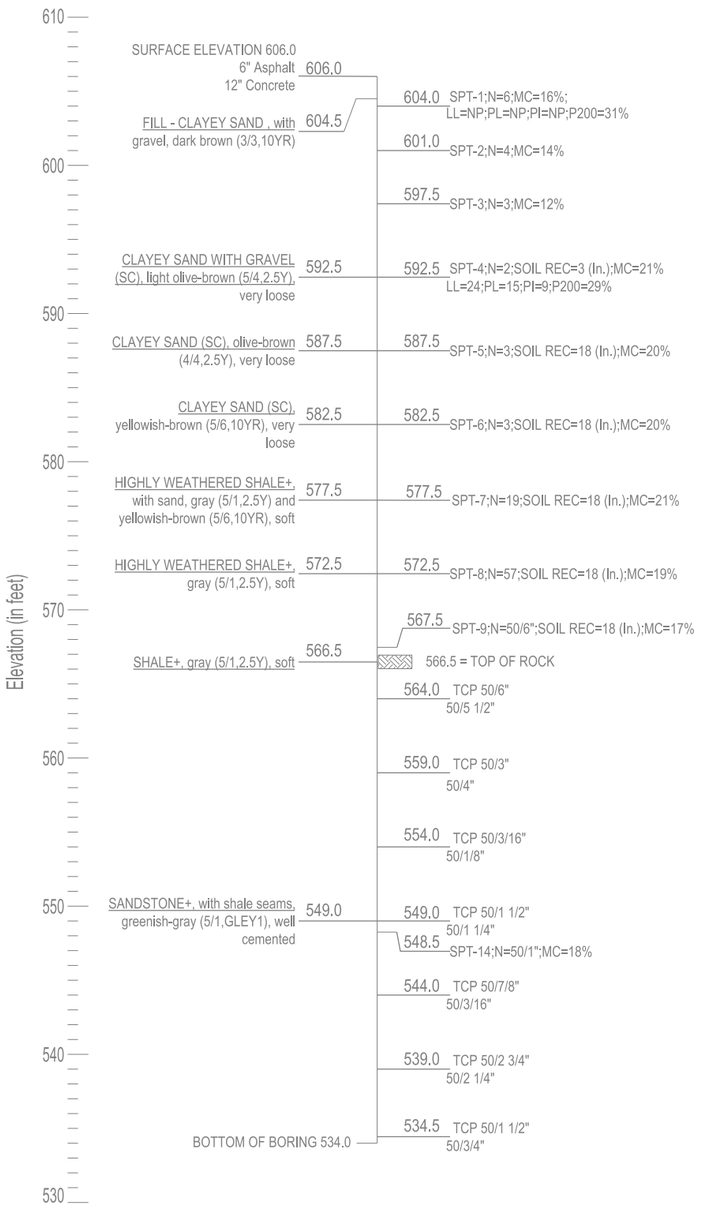
REVISIONS		
REV. NO.	DESCRIPTION	DATE

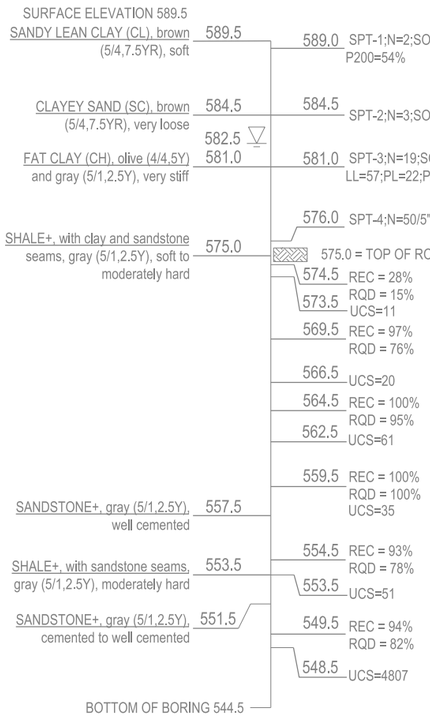
Boring No. B-1

STATION 74+92, 7'RT OF ☐SURVEY
(April 30, 2015)



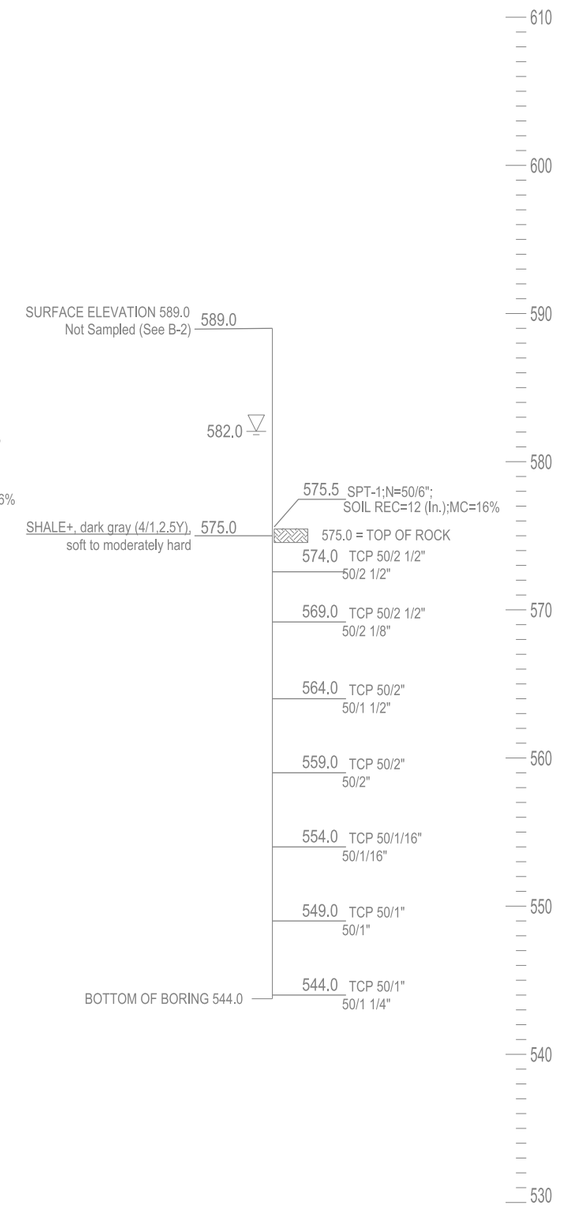
Boring No. B-2

STATION 75+62, 22' LT OF ☐SURVEY
(MAY 1, 2015)



Boring No. B-2A

STATION 75+62, 27' LT OF ☐SURVEY
(MAY 1, 2015)



LEGEND

DCD = DIAMOND CORE DRILLING, ASTM D2113-83
SPT = STANDARD PENETRATION TEST, ASTM D1586
SS = SPLIT SPOON SAMPLER
N = NUMBER OF BLOWS PER 12 INCHES
MC = MOISTURE CONTENT
LL = LIQUID LIMIT (NV=NO VALUE)
PI = PLASTICITY INDEX (NP=NO PLASTICITY)
#200 = PERCENT PASSING #200 SIEVE
UCS = UNCONFINED COMPRESSIVE STRENGTH (psi)
TCP = TEXAS CONE PENTROMETER
WCI = WET CAVE IN
= WATER LEVEL WHILE DRILLING OR SAMPLING
= WATER LEVEL AFTER DRILLING
= WATER LEVEL 24 HOURS AFTER DRILLING
= TOP OF ROCK

NOTE: WATER LEVEL ELEVATIONS SHOWN WERE OBTAINED AT THE TIME THE BORINGS WERE DRILLED AND MAY FLUCTUATE THROUGHTOUT THE YEAR.

NOTE: "SS" DENOTES STANDARD PENETRATION TEST. ASSHTO D1586-84. "TCP" DENOTES TEXAS CONE PENETRATION TEST.

* NOTE: TOP OF ROCK LINE SHOWN FOR ESTIMATING PURPOSED ONLY

** NOTE: WATER LEVEL ELEVATION SHOWN WERE OBTAINED AT THE TIME THE BORINGS WERE DRILLED AND MAY FLUCTUATE THROUGHOUT THE YEAR.

*** NOTE: ROCK CLASSIFICATION IS BASED ON DRILLING CHARACTERISTICS AND VISUAL OBSERVATION OF ROCK CORE SAMPLES. PETROGRAPHIC ANALYSIS OF THIN SECTION OF THE ROCK CORE SAMPLES MAY REVEAL OTHER TYPES.

SITE GEOLOGY

Based on the results of our borings and information published in the Oklahoma Department of Transportation manual, "Engineering Classification of Geologic Materials: Division 2", the project is underlain by the Washita Unit. This unit consists dominantly of clay shales with minor amounts of limestones and sandstones. The clay shales are mostly blue to black, weathering to light gray, yellow, and various other colors.

The limestones are highly fossilferous, gray to yellowish, usually with interbedded clay beds which reach a maximum thickness of about 6 feet in Bryan County and thin rapidly both eastward and westward to generally less than 3 feet thick. In Bryan County, the sandstones are soft, yellowish-brown, and occur in thin lenses.

GEOTECHNICAL REPORT

ALL GEOTECHNICAL INFORMATION CONTAINED ON THIS SHEET IS COVERED BY THE ENGINEERING SEAL AFFIXED TO AN ORIGINAL GEOTECHNICAL ENGINEERING REPORT THAT HAS BEEN STAMPED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN OKLAHOMA. TO OBTAIN A COPY OF THE COMPLETE REPORT, CONTACT THE ODOT OFFICE ENGINEER AT (405) 521-2625. THE CONTRACTOR SHOULD BE FULLY AWARE OF THE SITE CONDITIONS PRIOR TO BEGINNING WORK. ANY ADDITIONAL GEOTECNICAL INFORMATION WHICH MAY BE DESIRED IS THE RESPONSIBILITY OF THE CONTRACTOR.

Terracon
Consulting Engineers and Scientists
9522 EAST 47TH PLACE, UNIT D TULSA, OKLAHOMA 74146
PH. (918) 250-0461 FAX. (918) 250-4570

BRIDGE "A" BRYAN COUNTY
SH-78 OVER CHUCKWA CREEK

FOUNDATION REPORT
(SHEET 1 OF 2)

Design	N/A	N/A
Detail	N/A	N/A
Check	N/A	N/A

Squad: HENSLEY
Engr.: DEFRANCO

STATE OF OKLAHOMA | DEPARTMENT OF TRANSPORTATION
JOB PIECE NO. 27912(04) SHEET NO. B002