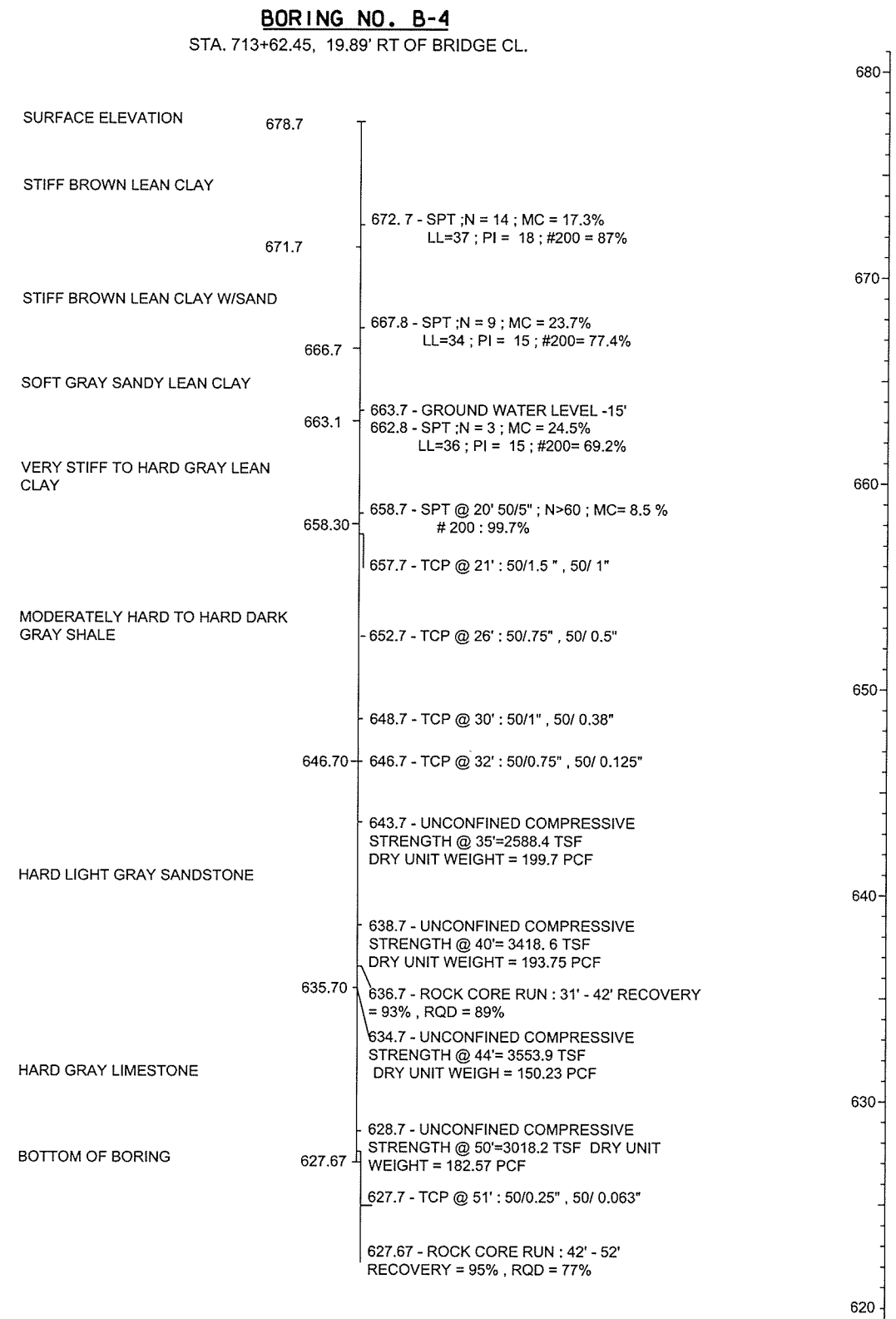
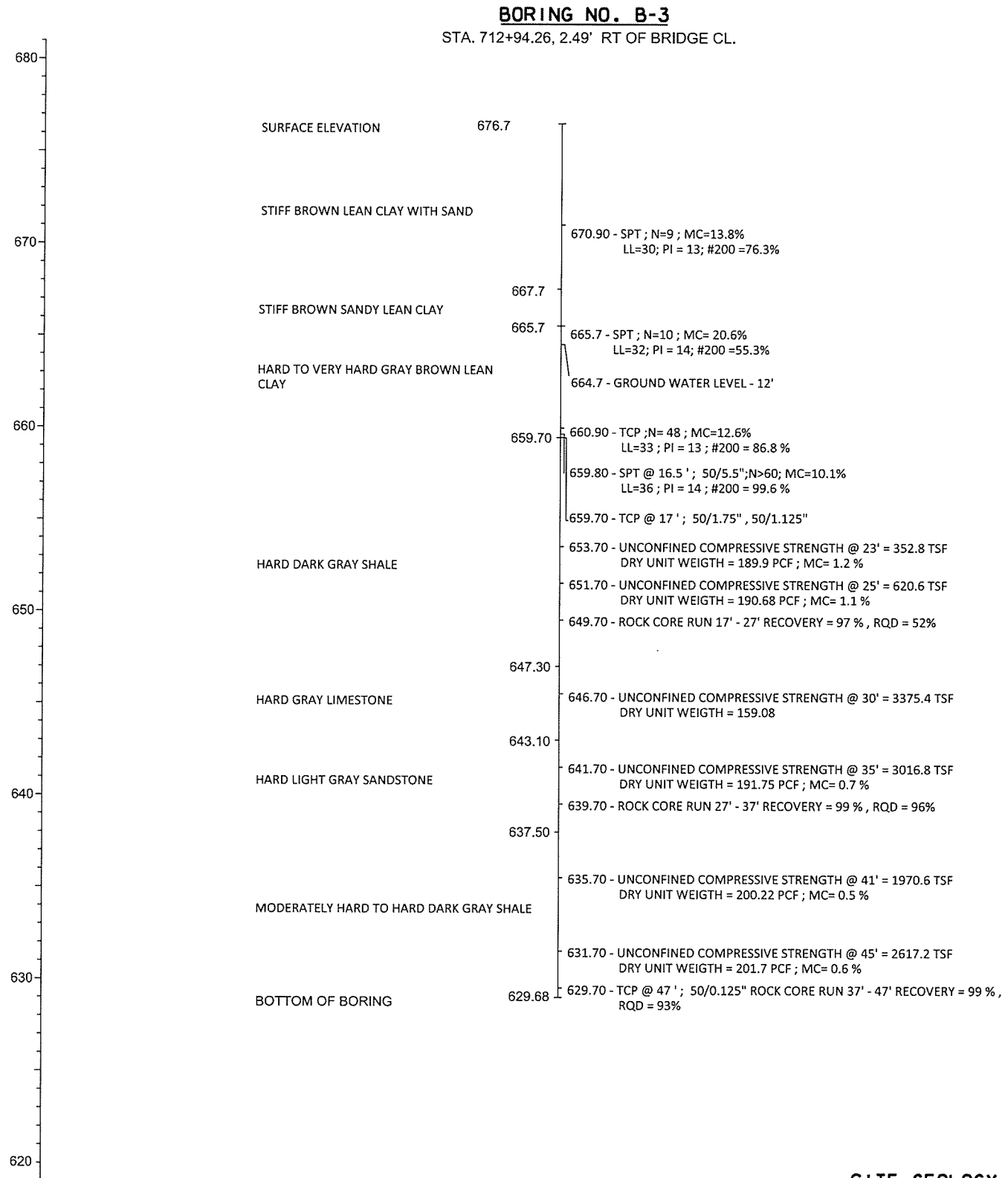


DOT DIVISION	STATE	J/P PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	OKLA	24750(04)		53	127



GEO-TECHNICAL 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) 522-0972. THE CONTRACTOR SHOULD BE FULLY AWARE OF THE SITE CONDITIONS PRIOR TO BEGINNING WORK. ANY ADDITIONAL GEOTECHNICAL INFORMATION WHICH MAY BE DESIRED IS THE RESPONSIBILITY OF THE CONTRACTOR.

SITE GEOLOGY

THE SUBJECT PROJECT IS LOCATED AND BOUNDED BY PENNSYLVANIAN PERIOD, COFFEYVILLE FORMATION (IPCC), CHECKERBOARD FORMATION (IPCC), SEMINOLE FORMATION (IPSL), AND LENAPAH FORMATION (IPLB) WITH ALLUVIUM (QAL). THESE FORMATIONS ARE DESCRIBED AS FOLLOWS:

IPCC - COFFEYVILLE FORMATION: SHALE AND THIN-BEDDED SANDSTONE.
IPCC - CHECKERBOARD FORMATION: LIMESTONE AND SOME SHALE.
IPSL - SEMINOLE FORMATION: SHALE, SANDSTONE, AND THIN COAL BEDS.
IPLB - LENAPAH FORMATION: LIMESTONE AND SHALE.
QAL - ALLUVIUM: GRAVEL, SAND SILT, AND CLAY.

IN OUR FIELD EXPLORATION WE ENCOUNTERED ALLUVIUM OVERBURDEN SOILS OVER SHALE, SANDSTONE AND LIMESTONE FORMATIONS.

NOTES:

1. GROUNDWATER LEVELS WERE OBTAINED DURING THE DRILLING OPERATIONS AND MAY FLUCTUATE THROUGH THE YEAR. BORING DATA IS PROVIDED BY GW².

Design	GW2	6/16	US 169 OVER HICKORY CREEK BRIDGE A FOUNDATION REPORT (SHEET 2 OF 2) Job Piece No. 24750(04) Sheet No. 53
Drawn	RAH	6/16	
Checked	AEJ	6/16	
Approved	SAK	6/16	
Squad	BENHAM		