OKLA 24750(04) 52 127 BORING NO. B-1 BORING NO. B-2 STA. 710+83.29, 33.54' LT OF BRIDGE CL. STA. 712+05.84, 20.46' RT OF BRIDGE CL. 700-SURFACE ELEVATION 696.8 VERY STIFF LIGHT BROWN LEAN CLAY 680-691.8 + 690.8 - SPT; N=23; MC = 10.8 % LL 35; PI= 14; # 200 = 94.7 % 690 VERY STIFF TO HARD GRAY **BROWN LEAN CLAY** 686.8 - SPT@10' 48/6", 50/3.75"; N>60; MC = 8.5 %LL 34; PI= 14; # 200 = 93.6 % SURFACE ELEVATION 673.0 685.8 684.8 - TCP @ 12' 50/ 0.5", 50/0.125 " 668.4 - SPT; N=12; MC = 36.2 %, STIFF DARK BROWN LEAN CLAY W/SAND LL= 41; PI = 18; # 200 = 82.9 % 670-GROUND WATER LEVEL - 16' 666.4 - SPT; N=9; MC = 24.4 % LL = 37; PI = 16 # 200 = 64.3 % 680 STIFF BROWN SANDY LEAN CLAY 664.0 GROUND WATER LEVEL - 9' 679.8 - TCP @ 17', 50/0.375 ", 50/0.25" /663.6 - SPT @ 9'; 50/5.5"; N>60; MC =6.6%; #200 = 96.0 % -STIFF TO VERY STIFF BROWN LEAN CLAY 663.0 - TCP @ 10' : 50/ 5.5" 674.8 TCP @ 22' , 50/0.25" , 50/0.063" 660-MODERATELY HARD TO HARD GRAY SHALE 658.0 - TCP @ 15': 50/ 0.625", 50/0.25" 670 669.8 - TCP @27', 50/ 0.375 ", 50/0.125" 653.0 - TCP @ 20': 50/0.75", 50/0.25" 664.8 - TCP @ 32', 50/0.5 ", 50/0.25" 650 MODERATELY HARD TO HARD GRAY SHALE 648.0 - TCP @ 25' :50/0.75", 50/0.25" 660-659.8 - TCP @ 37' , 50/0.625 " , 50 / 0.125" 643.0 - TCP @ 30' : 50/0.125 " , 50/0.063" 654.7 \(\precedent \) 654.8 - \(\precedent \) 42' , 50/0.625 BOTTOM OF BORING 640 638.0 - TCP @ 35': 50/0.25", 50/0.125" $632.98 \pm 633.0 - \text{TCP} @ 40' : 50/0.125"$, 50/0.063"BOTTOM OF BORING SITE GEOLOGY THE SUBJECT PROJECT IS LOCATED AND BOUNDED BY PENNSYLVANIAN PERIOD, COFFEYVILLE FORMATION (IPCC), CHEVKERBOARD FORMATION (IPCC), SEMINOLE FORMATION (IPSL), AND LENAPAH FORMATION (IPLB) WITH ALLUVIUM (QAL). GEO-TECHNICAL REPORT NOTES: 1. GROUNDWATER LEVELS WERE OBTAINED DURING THE DRILLING OPERATIONS AND MAY FLUCTUATE THROUGHT THE YEAR. BORING DATA IS PROVIDED BY GW². 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 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. 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 Design | GW2 6/16 US 169 OVER HICKORY CREEK NOWATA COUNT IPLB - LENAPAH FORMATION: LIMESTONE AND SHALE. BRIDGE A Drawn RAH 6/16 OAL - ALLUVIUM: GRAVEL, SAND SILT, AND CLAY.

IN OUR FIELD EXPLORATION WE ENCOUNTERED ALLUVIUM OVERBURDEN SOILS OVER SHALE, SANDSTONE AND LIMESTONE FORMATIONS. FOUNDATION REPORT Checked AEJ 6/16 (SHEET 1 OF 2) Approved SAK 6/16 Job Piece No. 24750(04) Sheet No. 52 Squad BENHAM