



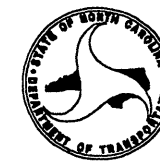
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 GEOTECHNICAL • ENVIRONMENTAL • MATERIALS
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N.C.D.O.T. GEOTECHNICAL UNIT
 BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.T311002		ID. R-2552B		COUNTY Johnston		GEOLOGIST D. Carr							
SITE DESCRIPTION Relocation of Bridge #207 on SR 1560 over Little Creek							GROUND WATER (m)						
BORING NO. EB1-A		BORING LOCATION 14+54.23		OFFSET 4.60m Lt.	ALIGNMENT -Y11-REV	0 HR. 0.80	24 HR. 0.98						
COLLAR ELEV. 60.28 m		NORTHING 206,952.91		EASTING 658,556.14									
TOTAL DEPTH 7.26 m		DRILL MACHINE CME 550 Track		DRILL METHOD 8.26cm ID HSA		HAMMER TYPE Automatic							
DATE STARTED 7/2/01		COMPLETED 7/2/01		SURFACE WATER DEPTH N/A									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
60.28													Ground Surface
60	0.00	WOH	1	1							SS-1 16.9%		60.28m 0.00m 60.14m 0.17m 59.93m 0.35m
	1.07	WOH	WOH	1							M		-ALLUVIUM- Brown, silty fine SAND (A-2-4). Tan/brown, fine SAND (A-3), w/ some silt.
	58												Gray/green & brown, clayey fine SAND (A-2-7), with some silt.
	2.59	4	15	54							SS-3 14.0%		57.39m 2.89m
	56	100/2cm									M		-RESIDUAL- Gray & white with black, micaceous, f. to cse. sandy SILT (A-4), w/ trace clay, saprolitic.
	54	100/14cm									M		-SOFT & HARD WEATHERED ROCK- -QUARTZ-MUSCOVITE SCHIST- Tan & brown, quartz-muscovite schist.
	7.16	100/10cm									MWW		53.02m 7.26m
Boring terminated at elev. 53.02m in -SWR- QUARTZ-MUSCOVITE SCHIST.													
Notes: 1) Geologist indicates strata change in split spoon at 0.17m and 0.35m. 2) Wet spoon at 5.64m.													

NCDOT_BORE R2552B GPJ NCDOT.GDT 9/24/01



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SHEET 1 OF 1

PROJECT NO. 8.T311002		ID. R-2552B		COUNTY Johnston		GEOLOGIST D. Carr							
SITE DESCRIPTION Relocation of Bridge #207 on SR 1560 over Little Creek							GROUND WATER (m)						
BORING NO. EB1-B		BORING LOCATION 14+51.77		OFFSET 4.60m Rt.	ALIGNMENT -Y11-REV	0 HR. 1.50	24 HR. 1.28						
COLLAR ELEV. 60.29 m		NORTHING 206,961.32		EASTING 658,551.68									
TOTAL DEPTH 5.65 m		DRILL MACHINE CME 550 Track		DRILL METHOD 8.26cm ID HSA		HAMMER TYPE Automatic							
DATE STARTED 7/2/01		COMPLETED 7/2/01		SURFACE WATER DEPTH N/A									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
60.29													Ground Surface
60	0.00	WOH	1	1									60.29m 0.00m 60.12m 0.17m 59.93m 0.35m
	1.07	WOH	WOH	WOH									-ALLUVIUM- Brown, fine sandy SILT (A-4). Tan/brown, fine SAND (A-3).
	58												Gray/brown & brown, clayey SILT (A-4), with some fine sand.
	2.59	14	60	40/7cm									57.70m 2.59m 57.55m 2.74m
	56	100/11cm									M		-SOFT & HARD WEATHERED ROCK- -QUARTZ-MUSCOVITE SCHIST- Gray/green, tan & brown, quartz-muscovite schist.
	54	100/1cm									M		54.64m 5.65m
Boring terminated at elev. 54.64m in -HWR- QUARTZ-MUSCOVITE SCHIST.													
Notes: 1) Geologist indicates strata change in split spoon at 0.17m and 2.74m. 2) Wet spoon at 2.59m. 3) Shelby tubes sampled from 1.07-1.52m at offset locations: ST-1: 14+52.30, 4m Rt. ST-2: 14+57.70, 4m Rt.													

NCDOT_BORE R2552B GPJ NCDOT.GDT 9/24/01