NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT CORE BORING REPORT

SHEET 1 OF 1

PROJECT NO. : 33405.1.1	ID. : B-4039	COUNTY: Burke	ENGINEER: S. Bullin
SITE DESCRIPTION: Bridge 91 on SR 1127 over Silver Creek			GROUNDWATER (Ft.)
BORING NO.: B1-B	BORING LOCATION: 14+36.0	OFFSET: 14.0 RT	ALIGNMENT: -L-	0 Hr. : 13.0
COLLAR ELEV.: 1084.4	NORTHING: 715007.4	EASTING: 1168728.1	24 Hr.: 11.5
TOTAL DEPTH: 52.2	DRILL MACHINE: CME 550 X	DRILL METHOD: HSA 2.25" ID. and HQ WL Rotary	HAMMER TYPE: 140 LB AUTO
DATE STARTED: 2-15-05	DATE COMPLETED: 2-15-05	SURFACE WATER DEPTH: N/A	
CORE SIZE: HQ	TOTAL RUN: 16.3	DRILLER Ameridrill	

ELEV. (Ft.)	DEPTH (Ft.)	RUN (Ft.)	DRILL RATE (Min/Ft.)	RUN REC %	RUN RQD %	SAMP. NO.	STRATA REC %	STRATA RQD %	DESCRIPTION AND REMARKS
1048.5									1048.5 35.9
1048.5	35.9	1	4:08	1.3	1.1		16.0	15.5	Very Slightly Weathered, Very Hard, Very Wide Fracture Spacing, Gray Black White Granitic Gneiss (CR)
			2:06/.3						
1047.2	37.2	1.3		100	85				
1047.2	37.2	2	5:19	4.8	4.5				
			5:03						
			5:07						38.9 – 39.2 Moderately Severe Weathered, Medium Hard, Close Fracture Spacing, Brown White Granitic Gneiss (WR)
			5:21						
1042.2	42.2	5.0	5:27	96	90				
1042.2	42.2	3	5:41	5.0	5.0				
			5:32						
			4:36			RS-3			RS-3 (44.5-44.9)
			4:39			RS-2			RS-2 (45.7-46.1)
1037.2	47.2	5.0	5:13	100	100				
1037.2	47.2	4	6:12	4.9	4.9				
			5:51						
			5:58						
			5:42						
1032.2	52.2	5.0	5:35	98	98		98	95	1032.2 52.2