

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET OF

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO 8.2822102	ID B-3350	COUNTY IREDELL	GEOLOGIST STICKNEY
SITE DESCRIPTION BRIDGE 292 ON SR 1832 AT HUNTING CREEK			GND WATER
BORING NO B2-A	NORTHING 0.00	EASTING 0.00	0 HR 0.00ft
ALIGNMENT -L-	BORING LOCATION 17+75.000	OFFSET 5.10ft LT	24 HR N/A
COLLAR ELEV 858.93ft	TOTAL DEPTH 13.60ft	START DATE 6/13/02	COMPLETION DATE 06/13/02
DRILL MACHINE MOBILE B-57	DRILL METHOD NX WIRELINE	HAMMER TYPE MANUAL	
SURFACE WATER DEPTH 0.40ft	DEPTH TO ROCK 0.00ft	Log B2-A, Page 1 of 1	

PROJECT NO: 8.2822102      PROJECT ID: B-3350      COUNTY: Iredell      GEOLOGIST: J.K. STICKNEY  
 SITE DESCRIPTION: Bridge 292 on SR 1832 at Hunting Creek      DRILLER: C.L. SMITH  
 BORING NO: B2-A      BORING LOCATION (STA): -L-17+75      OFFSET: 5.1 LT.  
 COLLAR ELEV: 858.93      PERSONNEL: MLS, JCM,CEB      CORE SIZE: NXWL  
 TOTAL DEPTH: 14.7'      DRILL MACHINE:      DATE STARTED: 06/13/02  
 TOTAL RUN: 14.7'      DRILL EQUIP: B-57      DATE COMPLETED: 06/13/02

ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75			
859.33												Surface Water
										RS-1	D	GRAY TO RED-BRN OR WHITE HARD FRESH WELL FOLIATED BIOTITE GARNET QUARTZ GNEISS W/ WIDE SPACED FRAC. REC 100%, RQD 100%
850.00												ROCK SIMILAR TO ABOVE, REC 100%, RQD 98%
845.33												ROCK SIMILAR TO ABOVE, REC 100%, RQD 100%
												GRAY TO RED-BRN OR WHITE HARD FRESH WELL FOLIATED BIOTITE GARNET QUARTZ GNEISS W/ WIDE SPACED FRAC. REC 100% RQD 100%

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
	0	2.11		100%	100%		0' -3.0' reddish gray hard, fresh, well foliated/bedded quartz biotite, quartzite to gneiss with occasional "z" folds. Only fractures are machine breaks on 10 degree bedding
	3.3'	2.46		100%	98%	3.9' RS-1 4.5'	3.0' - 6.7' rock type above alternates with hard, fresh, unfractured quartz feldspar pegmatite.
	8.05'	3.06		100%	100%		6.7' - 13.6' reddish gray quartz biotite garnet quartzite to paragneiss, interbedded with white hard fresh quartz-biotite pegmatite. Trace augen throughout. unfractured.
	12.7'	nm		100%	100%		
	13.6'						

NOTES