

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-B		NORTHING 0.00		EASTING 0.00		0 HR 0.00ft	
ALIGNMENT -L-		BORING LOCATION 17+75.000		OFFSET 4.35ft RT		24 HR N/A	
COLLAR ELEV 858.42ft		TOTAL DEPTH 16.15ft		START DATE 6/14/02		COMPLETION DATE 06/14/02	
DRILL MACHINE MOBILE B-57			DRILL METHOD NX WIRELINE			HAMMER TYPE MANUAL	
SURFACE WATER DEPTH 0.40ft			DEPTH TO ROCK 0.00ft			Log B2-B, 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	BORING LOCATION (STA): -L-17+75	DRILLER: C.L. SMITH	OFFSET: 4.35' RT.
BORING NO: B2-B	PERSONNEL: MLS, JCM,CEB	CORE SIZE: NXWL	DATE STARTED: 06/14/02
COLLAR ELEV: 858.42	DRILL MACHINE:	DATE COMPLETED: 06/14/02	
TOTAL DEPTH: 14.7'	DRILL EQUIP: B-57		
TOTAL RUN: 16.15'			

ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75			
858.82												Surface Water
										RS-3	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 100%
												ROCK SIMILAR TO ABOVE, REC 100% RQD 100%
842.27												GRAY TO RED-BRN OR WHITE, HARD FRESH WELL FOLIATED BIOTITE, QUARTZ AUGEN 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	3.11		100%	100%	3.9' RS-3 4.5'	0' -2.0' reddish gray hard, fresh, well foliated/bedded quartz biotite, quartzite to gneiss with occasional "z" folds. Only fractures are machine breaks on 15 degree bedding
	3.4'	2.56		100%	98%		2' - 3.4' white, hard fresh quartz-feldspar pegmatitic.
	8.25'	3.12		100%	100%		3.4' - 8.25' Reddish gray, hard fresh, unfractured, quartz feldspar biotite augen gneiss. Well foliated/ laminated, at 10 to 15 degree dip.
	13.05'	4.07		100%	100%		8.25' - 13.05' similar to above
	16.15'						13.05' - 16.15' similar to above

NOTES