



N.C.D.O.T. GEOTECHNICAL UNIT
BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2353001		ID. B-3450		COUNTY Durham		GEOLOGIST D. Goodnight							
SITE DESCRIPTION Bridge No. 122 Over Sandy Creek on SR 1116 (Garrett Road)													
BORING NO. B2-B		BORING LOCATION 22+66		OFFSET 24 ft RT		ALIGNMENT -L-							
COLLAR ELEV. 249.5 ft		NORTHING 803337.68		EASTING 2007754.72		GROUND WATER (ft) 0 HR. 3.1 24 HR. 4.3							
TOTAL DEPTH 51.0 ft		DRILL MACHINE Mobile B-57		DRILL METHOD 3-7/8" Tricone Wash/HQ Core		HAMMER TYPE 140 lb. Manual							
DATE STARTED 10/9/02		COMPLETED 10/9/02		SURFACE WATER DEPTH NA									
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	L O G	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
249.5													249.5 0.00
248.5	1.0	3	3	3									248.5 3.0
246.0	3.5	8	3	3									246.0 5.5
243.5	6.0	5	2	3									243.5 12.0
241.0	8.5	11	4	3									241.0 17.0
236.0	13.5	3	2	1									236.0 22.0
231.0	18.5	5	7	6									231.0 25.0
226.0	23.5	75	25/0.1										226.0 29.1
													226.0 34.8
													226.0 44.5
													226.0 47.8
													226.0 51.0



N.C.D.O.T. GEOTECHNICAL UNIT
CORE BORING REPORT

SHEET 1 OF 1

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SITE DESCRIPTION Bridge No. 122 Over Sandy Creek on SR 1116 (Garrett Road)										
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TOTAL DEPTH 51.0 ft		DRILL MACHINE Mobile B-57		DRILL METHOD 3-7/8" Tricone Wash/HQ Core		HAMMER TYPE 140 lb. Manual				
DATE STARTED 10/9/02		COMPLETED 10/9/02		SURFACE WATER DEPTH NA						
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN		SAMP. NO.	STRATA		L O G	DESCRIPTION AND REMARKS
				REC. (%)	ROD (%)		REC. (%)	ROD (%)		
										Begin Coring @ 25.0 ft
224.5	25.0	1.0	6:38	(50%)	(0%)		(46%)	(0%)		224.5 Greenish Grey and Reddish Brown; Moderately to Slightly Weathered; Soft to Medium Hard; Indurated Triassic Mudstone with Very Close to Close Fracture Spacing
223.5	26.0	5.0	9:32	(0.5)	(0.0)		(1.9)	(0.0)		223.5
			3:57	(86%)	(38%)					220.4
			5:58	(3.3)	(1.9)					220.4
			5:18							220.4
			4:30							220.4
218.5	31.0	5.0	4:59	(100%)	(100%)	RS-2	(5.7)	(5.7)		218.5
			4:41							218.5
			4:14							218.5
			3:00							218.5
213.5	36.0	5.0	2:25	(96%)	(96%)		(9.5)	(9.5)		213.5
			1:28							213.5
			1:15							213.5
			1:30							213.5
			2:30							213.5
208.5	41.0	5.0	2:55	(100%)	(84%)					208.5
			2:41							208.5
			2:43							208.5
			2:41							208.5
203.5	46.0	5.0	20:31	(100%)	(80%)		(3.3)	(1.5)		203.5
			16:47							203.5
			14:07							203.5
			5:01							203.5
			4:47							203.5
			4:45							203.5
			4:26							203.5
198.5	51.0						(3.2)	(3.2)		198.5
										198.5