

PROJECT NO. 6.529005T		ID. R-2610B(1)		COUNTY Chatham		GEOLOGIST B. Parks/M. Lear							
SITE DESCRIPTION Bridge on SBL US 421(-L-) over Bear Creek (MACTEC Proj. No. 6468-03-0124)						GROUND WATER (m)							
BORING NO. EB2-A		BORING LOCATION 23+17.6		OFFSET 17.2m LT		ALIGNMENT							
COLLAR ELEV. 119.26 m		NORTHING 206,675.9		EASTING 578,391.3		0 HR. C.I.@1.60							
TOTAL DEPTH 2.61 m		DRILL MACHINE CME-550		DRILL METHOD HSA-2.25" I.D.		HAMMER TYPE 63.5kg Manual							
DATE STARTED 4/15/03		COMPLETED 4/15/03		SURFACE WATER DEPTH N/A									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
119.26													Ground Surface
119.26	0.00	4	11	8								M	Roadway Embankment Fill: Tan and Brown silty CLAY (A-6)
118.08	1.18	34	34	66/8cm									Weathered Rock: META-ARGILLITE
116.65	2.61												Boring Terminated by SPT Refusal at 2.61m (Elev. 116.65m) on Crystalline Rock: META-ARGILLITE

NCDOT BORE BEARCREEK.GPJ NC_DOT.GDT 5/2/03

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SITE DESCRIPTION Bridge on SBL US 421(-L-) over Bear Creek (MACTEC Proj. No. 6468-03-0124)						GROUND WATER (m)							
BORING NO. EB2-B		BORING LOCATION 23+17.4		OFFSET 5.8m LT		ALIGNMENT -L-							
COLLAR ELEV. 122.27 m		NORTHING 206,684.4		EASTING 578,404.9		0 HR. C.I.@2.10							
TOTAL DEPTH 4.92 m		DRILL MACHINE CME-550		DRILL METHOD HSA-2.25" I.D.		HAMMER TYPE 63.5kg Manual							
DATE STARTED 4/15/03		COMPLETED 4/15/03		SURFACE WATER DEPTH N/A									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
122.27													Ground Surface
122.27	0.00	2	1	1								M	Roadway Embankment Fill: Tan and brown, f. to cse. sandy, silty, CLAY (A-6)
120.84	1.43	4	6	6								SS-5 14.6%	
119.32	2.95	7	10	10								M	
117.80	4.47	54	46/2cm										Weathered Rock: META-ARGILLITE
117.35	4.92												Boring Terminated by SPT Refusal at 4.92m (Elev. 117.35m) on Crystalline Rock: META-ARGILLITE
													*EB2-B offset 5.1m upstation from proposed location due to very steep embankment slope.

NCDOT BORE SINGLE BEARCREEK.GPJ NC_DOT.GDT 5/16/03