

PROJECT NO.	6.529005T	ID.	R-2610A	FED. NO.	N/A	CO.	Chatham	FIELD SUPERV.	D. Hardister			
SITE DESCRIPTION						Site 1: Bridge on SBL US 421 over AC&WR		GROUND WATER (m)				
BORING NO.	EB1-B	BORING LOCATION		17+86.3	OFFSET	8.6m LT	ALIGNMENT	-L-	0 HR.	3.70		
COLLAR ELEV.	82.71 m	TOTAL DEPTH	24.01 m	NORTHING	200633.481	EASTING	583127.397	24 HR.	3.20			
DRILL MACHINE	CME 550x	DRILL METHOD	HSA	HAMMER TYPE	Automatic	FINAL CASING DEPTH	N/A					
DATE STARTED	10/14/02	COMPLETED	10/14/02	DRILLING FLUID DENSITY	N/A	SURFACE WATER DEPTH	N/A					
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm	0	20	40	60	80			
82.71	0.00	Ground Surface Elev. 82.71 m										
82	1.07	2	2	3						ST-1	M	Residual-Medium Stiff Tan-Brown Fine Sandy Silty CLAY (A-7-5)
80	2.59	3	3	2						SS-2	25.0	Residual-Medium Stiff Orange-Grey Fine Sandy Silty CLAY (A-7-5)
78	4.12	WOH	WOH	WOH						SAT		Artificial Fill-Loose Grey-Black Carbonaceous Silty Coarse to Fine SAND (A-2-4)
76	5.64	WOH	WOH	WOH						SAT		Artificial Fill-Very Soft Grey Fine Sandy SILT (A-4)
74	7.16	4	2	3						SAT		Artificial Fill-Loose to Very Loose Grey-Black Carbonaceous Silty Coarse to Fine SAND with FRESH WOOD (A-2-4)
72	8.69	2	1	1						SAT		Artificial Fill-Very Loose Soil/FRESH WOOD
70	10.21	WOH	1	WOH						SAT		
68	11.74	3	1	2						SAT		
66	13.26	1	WOH	1						SAT		
64	14.79	3	6	4						W		Residual-Stiff Grey-Black Carbonaceous Fine Sandy SILT (A-4)
	16.31	4	3	2						SAT		Artificial Fill-Medium Stiff to Stiff Grey-Black Carbonaceous Fine Sandy SILT with FRESH WOOD (A-4)
	17.84	4	8	6						SAT		
												Boring Terminated @ Elev. 58.70m in Weathered Rock (Triassic Mudstone)

NCDOT_BORE11X17 GR020409.GPJ NCDOT2.GDT 1/7/03

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ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm	0	20	40	60	80			
62	19.36	4	7	10						17	SAT	Artificial Fill-Very Stiff Grey to Black Carbonaceous Fine Sandy SILT with FRESH WOOD (A-4)
60	20.88	18	14	16						30	W	Residual-Very Stiff Grey Fine Sandy SILT (A-4)
	22.41	51	49/02							100/17	M	Weathered Rock-Red-Grey to Red-Brown Weathered Triassic Mudstone
	23.93	100/08								100/08	M	Boring Terminated @ Elev. 58.70m in Weathered Rock (Triassic Mudstone)

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