GEOSCIENCE GROUP

GEOSCIENCE GROUP, INC.
BORING LOG

SHEET 1 OF 2

PROJECT NO. 33295.1.1	ID. B-3847	FED. NO. BRZ-1850(1)	CO. Guilford	FIELD SUPERV. V. Duran
SITE DESCRIPTION Bridge No. 63 over The Deep River on SR 1850 (Sandy Ridge RD)				GROUND WATER (ft)
BORING NO. EB2-A	BORING LOCATION 15+10.2	OFFSET 17.2' LT	ALIGNMENT -L-	0 HR. 10.0
COLLAR ELEV. 819.2 ft	TOTAL DEPTH 49.4 ft	NORTHING 840980.08	EASTING 1698047.44	24 HR. 9.5
DRILL MACHINE CME 550x	DRILL METHOD HSA	HAMMER TYPE Automatic	FINAL CASING DEPTH N/A	
DATE STARTED 05/23/05	COMPLETED 05/23/05	DRILLING FLUID DENSITY N/A	SURFACE WATER DEPTH N/A	

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
819.2	0.00				Ground Surface Elev. 819.2 ft				819.2 0.00
									Roadway Embankment Fill-Loose Red-Brown Micaceous Silty Medium to Fine SAND (A-2-4)
815	3.5	1	2	2	4		M		813.2 6.0
									Roadway Embankment Fill-Soft Grey-Tan Micaceous Medium to Fine Sandy Silty CLAY (A-7-6)
810	8.5	1	1	2	3	SS-5	49.1		807.2 12.0
									Alluvial-Soft Grey-Blue Micaceous Slightly Fine Sandy Silty CLAY (A-6)
805	13.5	WOH	WOH	2	2		M		802.2 17.0
									Alluvial-Very Loose Grey-Tan Micaceous Silty Medium to Fine SAND (A-3)
800	18.5	WOH	WOH	1	1	SS-6	16.6		797.2 22.0
									Residual-Loose Tan-Orange Micaceous Silty Coarse to Fine SAND (A-2-4)
795	23.5	3	3	6	9		SAT		792.2 27.0
									Residual-Dense Tan-White-Orange Slightly Silty Coarse to Fine SAND (A-2-4)
790	28.5	6	10	33	43		SAT		787.2 32.0
									Residual-Medium Dense Tan-Orange Slightly Silty Coarse to Fine SAND (A-2-4)
785	33.5	7	9	14	23		SAT		782.2 37.0

NCDOT_BORE11X17M GR050162.GPJ NCDOT2.GDT 7/15/05

GEOSCIENCE GROUP

GEOSCIENCE GROUP, INC.
BORING LOG

SHEET 2 OF 2

PROJECT NO. 33295.1.1	ID. B-3847	FED. NO. BRZ-1850(1)	CO. Guilford	FIELD SUPERV. V. Duran
SITE DESCRIPTION Bridge No. 63 over The Deep River on SR 1850 (Sandy Ridge RD)				GROUND WATER (ft)
BORING NO. EB2-A	BORING LOCATION 15+10.2	OFFSET 17.2' LT	ALIGNMENT -L-	0 HR. 10.0
COLLAR ELEV. 819.2 ft	TOTAL DEPTH 49.4 ft	NORTHING 840980.08	EASTING 1698047.44	24 HR. 9.5
DRILL MACHINE CME 550x	DRILL METHOD HSA	HAMMER TYPE Automatic	FINAL CASING DEPTH N/A	
DATE STARTED 05/23/05	COMPLETED 05/23/05	DRILLING FLUID DENSITY N/A	SURFACE WATER DEPTH N/A	

ELEV. (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
					Continued from Previous Page				
	38.5	11	15	38	53		SAT		Residual-Very Dense Tan-Orange Slightly Silty Coarse to Fine SAND (A-2-4)
780	43.5	19	28	52	80		Sat		772.2 47.0
775									Weathered Rock-Tan-Orange Weathered Metamorphosed Granite
770	48.5	55	45/0.4		100/0.9		Sat		769.8 49.4
									Boring Terminated at Elevation 769.8 ft. in Weathered Rock (Weathered Metamorphosed Granite)

NCDOT_BORE11X17M GR050162.GPJ NCDOT2.GDT 7/15/05