



FROEHLING & ROBERTSON, INC.
 GEOTECHNICAL • ENVIRONMENTAL • MATERIALS
 ENGINEERS • LABORATORIES
 "OVER ONE HUNDRED YEARS OF SERVICE"

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

SHEET 1 OF 1

PROJECT NO. 33321.1.1		ID. B-3877		COUNTY Nash		GEOLOGIST C. Baldwin								
SITE DESCRIPTION Bridge No. 52 over Turkey Creek on SR 1101 (Claude Lewis Rd.)							GROUND WATER (ft)							
BORING NO. EB2-A		BORING LOCATION 26+71		OFFSET 12ft LT		ALIGNMENT -L-								
COLLAR ELEV. 158.1 ft		NORTHING 726,963		EASTING 2,252,418		0 HR. 11.0								
TOTAL DEPTH 44.8 ft		DRILL MACHINE CME 550		DRILL METHOD 2.25" ID HSA		HAMMER TYPE Automatic								
DATE STARTED 10/18/04		COMPLETED 10/18/04		SURFACE WATER DEPTH N/A										
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100
158.1					Ground Surface									
158.1	0.0	5	4	3										
154.6	3.5	2	3	3										
149.6	8.5	2	1	1										
144.6	13.5	4	5	7										
139.6	18.5	9	25	32										
134.6	23.5	15	34	66										
129.6	28.5	19	29	39										
124.6	33.5	100/0.5'												
119.6	38.5	60/0.2'												
114.6	43.5	19	25	60/0.3'										

- NOTES:
- 1) Driller indicates harder drilling at depths of 17.5' (elev. 140.6') & 33.0' (elev. 125.1').
 - 2) Driller indicates softer drilling at depths of 27.0' (elev. 131.1') & 43.5' (elev. 114.6').
 - 3) Geologist indicates strata break in split spoon at depths of 24.0' (elev. 134.1') & 44.5' (elev. 113.6').



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 BORING LOG SHEET 23 OF 29

SHEET 1 OF 1

PROJECT NO. 33321.1.1		ID. B-3877		COUNTY Nash		GEOLOGIST C. Baldwin								
SITE DESCRIPTION Bridge No. 52 over Turkey Creek on SR 1101 (Claude Lewis Rd.)							GROUND WATER (ft)							
BORING NO. EB2-B		BORING LOCATION 26+70		OFFSET 13ft RT		ALIGNMENT -L-								
COLLAR ELEV. 158.3 ft		NORTHING 726,943		EASTING 2,252,402		0 HR. 26.5								
TOTAL DEPTH 38.7 ft		DRILL MACHINE CME 550		DRILL METHOD 2.25" ID HSA		HAMMER TYPE Automatic								
DATE STARTED 10/20/04		COMPLETED 10/20/04		SURFACE WATER DEPTH N/A										
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100
158.3					Ground Surface									
158.3	0.0	4	5	4										
154.8	3.5	4	4	4										
149.8	8.5	2	2	3										
144.8	13.5	2	2	3										
139.8	18.5	80	20/0.1'											
134.8	23.5	21	23	20										
129.8	28.5	9	35	65/0.4'										
124.8	33.5	9	40	60/0.2'										
119.8	38.5	60/0.2'												

- NOTES:
- 1) Driller indicates harder drilling at a depth of 17.5' (elev. 140.8').
 - 2) Driller indicates softer drilling at a depth of 22.0' (elev. 136.3').
 - 3) Geologist indicates strata break in split spoon at a depth of 29.0' (elev. 129.3').

NCDOT BORE SINGLE F66-239.GPJ NC_DOT_GDT_12/10/04

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