



TRIGON ENGINEERING CONSULTANTS, INC.
SOUNDING OBSERVATION SUMMARY

Date: November 30, 2004

Job Name: Bridge No. 83 over Mulberry Creek Location: Wilkes County, North Carolina
Trigon Project No.: 071-04-040 Present at Site: P. Weaver
NCDOT Project No.: 33253.1.1 TIP No.: B-3714

WEATHER: Clear Cloudy Light Rain Showers Heavy Rain Snow

Sounding No.: TS2-A Elevation: 982.7' Surface Water Elev.: NA
Station: 17+35 Offset: 12' Left
Northing: 895,353.15 Easting: 1,376,447.32
Equipment: Bridge Sounding Rods with 16 lb. Hammer

Depth (Feet)		Elev. (Feet)		Soil Description	Depth	Blows per Foot
From	To	From	To			
0.0		982.7		ALLUVIAL: Brown, silty, coarse to fine SAND (A-2-4)	0.0-1.0	W.O.H.
					1.0-2.0	W.O.H.
					2.0-3.0	W.O.H.
	4.0		978.7		3.0-4.0	8
4.0		978.7		RESIDUAL: Silty, coarse to fine SAND (A-2-4)	4.0-5.0	18
					5.0-6.0	21
					6.0-7.0	25
					7.0-8.0	36
					8.0-9.0	45
					9.0-10.0	54
					10.0-11.0	55
					11.0-12.0	62
					12.0-13.0	90
	13.7	969.0		Sounding Terminated at 13.7 feet (Elevation 969.0') in Residual Soil	13.0-13.7	100/0.7'



TRIGON ENGINEERING CONSULTANTS, INC.
SOUNDING OBSERVATION SUMMARY

Date: November 30, 2004

Job Name: Bridge No. 83 over Mulberry Creek Location: Wilkes County, North Carolina
Trigon Project No.: 071-04-040 Present at Site: P. Weaver
NCDOT Project No.: 33253.1.1 TIP No.: B-3714

WEATHER: Clear Cloudy Light Rain Showers Heavy Rain Snow

Sounding No.: TS2-B Elevation: 983.1' Surface Water Elev.: NA
Station: 17+35 Offset: 15' Right
Northing: 895,327.55 Easting: 1,376,456.53
Equipment: Bridge Sounding Rods with 16 lb. Hammer

Depth (Feet)		Elev. (Feet)		Soil Description	Depth	Blows per Foot
From	To	From	To			
0.0		983.1		ALLUVIAL: Brown, silty, coarse to fine SAND (A-2-4)	0.0-1.0	W.O.H.
					1.0-2.0	W.O.H.
					2.0-3.0	W.O.H.
					3.0-4.0	1
					4.0-5.0	1
					5.0-6.0	2
					6.0-7.0	4
					7.0-8.0	5
					8.0-9.0	7
	9.5		973.6		9.0-10.0	14
9.5		973.6		RESIDUAL: Silty, coarse to fine SAND (A-2-4)	10.0-11.0	22
					11.0-12.0	28
					12.0-13.0	55
					13.0-14.0	59
					14.0-15.0	58
					15.0-16.0	56
					16.0-17.0	74
					17.0-18.0	85
	18.8	964.3		Sounding Terminated at 18.8 feet (Elevation 964.3') in Residual Soil	18.0-18.8	100/0.8