

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2761001		ID B-3266		COUNTY WILKES		GEOLOGIST L.LACKER								
SITE DESCRIPTION BR. 264 ON SR-1567 OVER N. FORK REDDIES RIVER							GND WATER							
BORING NO EB2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR 0.95m							
ALIGNMENT -L-		BORING LOCATION 12+80.000		OFFSET 6.50m LT										
COLLAR ELEV 388.75m		TOTAL DEPTH 4.46m		START DATE 12/11/02		COMPLETION DATE 12/11/02								
DRILL MACHINE CME 550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION		
		15cm	15cm	15cm		0	25	50	75				100	
388.75														
388.00	0.97	36	25	17	0.30							SS-3A SS-4A	W W	ALLUVIUM: BROWN, LOOSE, SILTY SAND
386.00	2.49	8	5	8	0.30								SAT	ALLUVIAL: COARSE SAND AND GRAVEL
384.29	4.02	10	15	20	0.30								M	SAPROLITE: BROWN, MICACEOUS, SILTY SAND
TERMINATED BORING IN SAPROLITE AT ELEVATION 384.29 METERS.														

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SITE DESCRIPTION BR. 264 ON SR-1567 OVER N. FORK REDDIES RIVER							GND WATER							
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		0 HR 1.20m	24 HR 1.45m							
ALIGNMENT -L-		BORING LOCATION 12+74.300		OFFSET 4.70m RT										
COLLAR ELEV 389.13m		TOTAL DEPTH 9.07m		START DATE 10/28/03		COMPLETION DATE 10/28/03								
DRILL MACHINE CME 550			DRILL METHOD ROTARY W/O MUD			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 9.06m			Log EB2-B, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION		
		15cm	15cm	15cm		0	25	50	75				100	
389.13														
388.00	1.46	17	25	34	0.30							SS-1	W	ALLUVIUM: COARSE SAND AND GRAVEL
386.00	2.98	100			0.12									SAPROLITE: BROWN, MICACEOUS, SILTY SAND
384.00	6.02	51	49		0.23									WEATHERED ROCK: RED-BROWN TO BROWN, SEV. WEATHERED BIOTITE GNEISS
382.00	7.54	29	53	47	0.22									
380.06	9.06	60			0.01									TERMINATED BORING ON HARD ROCK AT ELEVATION 380.06 METERS.
HARD ROCK														