

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 EB1-A		NORTHING 0.00		EASTING 0.00		0 HR 1.35m							
ALIGNMENT -L-		BORING LOCATION 12+25.000		OFFSET 4.00m LT		24 HR N/A							
COLLAR ELEV 389.15m		TOTAL DEPTH 8.40m		START DATE 11/14/03		COMPLETION DATE 11/14/03							
DRILL MACHINE CME 550			DRILL METHOD ROTARY W/O MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 8.40m			Log EB1-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
389.15													Ground Surface
388.00	1.35	3	32	29	0.30								ALLUVIUM: BROWN, LOOSE, SILTY SAND
386.00	2.87	32	22	20	0.30								ALLUVIUM: SAND AND GRAVEL TO BOULDERS
384.00	4.40	14	19	26	0.30								SAPROLITE: LIGHT BROWN TO GRAY, MICACEOUS SILTY SAND
382.00	5.92	41	35	27	0.30								SS-22 M
380.75	7.45	13	48	39	0.30								
TERMINATED BORING ON HARD ROCK AT ELEVATION 380.75 METERS.												WEATHERED ROCK: SEVERELY WEATHERED GRANITE AND BIOTITE GNEISS	

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 EB1-B		NORTHING 0.00		EASTING 0.00		0 HR 1.70m							
ALIGNMENT -L-		BORING LOCATION 12+16.300		OFFSET 4.70m RT		24 HR N/A							
COLLAR ELEV 389.38m		TOTAL DEPTH 9.21m		START DATE 11/17/03		COMPLETION DATE 11/17/03							
DRILL MACHINE CME 550			DRILL METHOD ROTARY W/O MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB1-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
389.38													Ground Surface
389.00	1.36	13	18	14	0.30								ALLUVIUM: BROWN, LOOSE, SILTY SAND
387.00	2.88	3	6	5	0.30								ALLUVIUM: SILTY SAND AND GRAVEL TO BOULDERS
385.00	4.41	7	13	30	0.30								SAPROLITE: DARK TO LIGHT BROWN, MICACEOUS SILTY SAND
383.00	5.93	16	27	47	0.30								SS-22 M
381.00	7.46	38	33	53	0.30								
380.17	8.96	41	59		0.18								WEATHERED ROCK: SEVERELY WEATHERED BIOTITE GNEISS
TERMINATED BORING IN WEATHERED ROCK AT ELEVATION 380.09 METERS.													