

PROJECT NO. 33410.1.1		ID. B-4044		FED. NO. BRZ-1515(2)		CO. Burke		FIELD SUPERV. D. Hardister					
SITE DESCRIPTION Bridge No. 4 over Smokey Creek on SR 1515								GROUND WATER (ft)					
BORING NO. EB2-A		BORING LOCATION 17+95		OFFSET 16' LT		ALIGNMENT -L-		0 HR. NGWE					
COLLAR ELEV. 1021.9 ft		TOTAL DEPTH 4.3 ft		NORTHING 755969.88		EASTING 1227480.92		24 HR. NGWE					
DRILL MACHINE CME 550x		DRILL METHOD HSA		HAMMER TYPE Automatic		FINAL CASING DEPTH N/A							
DATE STARTED 2/9/05		COMPLETED 2/9/05		DRILLING FLUID DENSITY N/A		SURFACE WATER DEPTH N/A							
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
1021.9	0.00												Ground Surface Elev. 1021.9 ft
											S-1	35.3	Residual-Medium Stiff Red-Brown Micaceous Fine Sandy Clayey SILT (A-5)
	3.5												1018.4 Crystalline Rock-Grey-Black Biotite Gneiss
	4.3	60/0.1									M		1017.6 Boring Terminated with Standard Penetration Test Refusal at Elev. 1017.6ft in Crystalline Rock (Biotite Gneiss)
		60/0									M		

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SITE DESCRIPTION Bridge No. 4 over Smokey Creek on SR 1515								GROUND WATER (ft)					
BORING NO. EB2-B		BORING LOCATION 17+95		OFFSET 16' RT		ALIGNMENT -L-		0 HR. 3.9					
COLLAR ELEV. 1014.8 ft		TOTAL DEPTH 7.5 ft		NORTHING 756001.51		EASTING 1227490.32		24 HR. 3.8					
DRILL MACHINE CME 550x		DRILL METHOD HSA		HAMMER TYPE Automatic		FINAL CASING DEPTH N/A							
DATE STARTED 2/9/05		COMPLETED 2/9/05		DRILLING FLUID DENSITY N/A		SURFACE WATER DEPTH N/A							
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
1014.8	0.00												Ground Surface Elev. 1014.8 ft
	0.5	1	WOH	1									1014.8 Alluvial-Very Loose Orange-Brown Micaceous Silty Fine SAND (A-2-4)
	3.5												1011.3 Alluvial-Soft Orange-Brown to Grey Micaceous Fine Sandy Clayey SILT (A-5)
	7.5	60/0									M		1007.3 Boring Terminated with Standard Penetration Test Refusal at Elev. 1007.3ft on Crystalline Rock (Biotite Gneiss)

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