

State of Ohio  
Department of Transportation  
Office of Materials Management

ENGLISH PROJECT



LOG OF BORING

Date Started 7/23/98 Sampler: Type SS Dia. 1 3/8" Water Elev. - Project Identification: BELMONT  
 Date completed 7/23/98 Datum Approx. BEL-9-23.10  
 Boring No. B-1 Station & Offset 102+37, 7.0' LT. Surface Elev. 1026.0' LANDSLIDE INVESTIGATION

Elev.	Depth	Std. Pen. (N)	Rec. ft	Loss ft	Description	Sample No.	Physical Characteristics							ODOT Class	
							% Agg	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.		W.C.
1026.0	0				0.6' ASPHALT AND 1.9' SANDY CLAY (FILL-MATL. DRILLER'S DESCRIPTION)	-	-	-	-	-	-	-	-	-	VISUAL
1023.50	2	AUGERED													
	4	4/13/10			BROWN SILTY SANDY GRAVEL	1	56	13	8	8	15	29	10	29	A-2-4
1021.00	6	11/9/13			BROWN SANDY GRAVELLY CLAY	2	26	10	8	22	34	37	15	17	A-6a
1018.50	8	17/16/17			BROWN CLAY	3	0	2	1	32	65	71	51	14	A-7-6
1016.00	10														
	12	35/33/25			BROWN SILTY CLAY	4	0	3	3	26	68	41	20	13	A-7-6
1013.50	14	50(0.5')			BLACK HIGHLY BROKEN AND JOINTED COAL W/A CLAY-SHALE SEAM	5									VISUAL
1013.00			4.3	0.7	(A)										
1011.80					(B)										
1010.60	16														
	18		4.3	0.7	COAL, BLACK, VITREOUS, JOINTED TO BROKEN AND JOINTED. NO CORE LOSS.										
	20														
1005.40	22														
	24		4.3	0.7	LIMESTONE, GRAY, BLACK, FIRM, CARBONACEOUS IN PART, VERY FINE-GRAINED, WITH THIN CLAY SEAMS, JOINTED IN PLACES; WITH A 0.5' THICK OLIVE HIGHLY WEATHERED SHALE INTERVAL IN THE BOTTOM HALF. CORE LOSS 16 %										
1001.00															

TOP OF ROCK

BOTTOM OF BORING

Particle Sizes: Agg= >2.00mm, Coarse Sand= 2.00-0.42mm, Fine Sand= 0.42-0.074mm, Silt= 0.074-0.005mm, Clay= <0.005mm  
 Form TE-151 Revised 9/95

- (A) COAL, BLACK, VITREOUS, BROKEN AND JOINTED, WITH A CLAY SEAM AT THE TOP. CORE LOSS 33 %
- (B) SHALE, BLACK, FIRM, CARBONACEOUS, WITH THIN CLAY SEAMS, JOINTED TO BROKEN AND JOINTED, WEATHERED IN PART; COALY AT THE TOP. CORE LOSS 8 %

NOTES

THIS BORING WAS TAKEN IN 1998 FOR THE ADJACENT DRILLED SHAFT, SOLDIER PILE, AND CONCRETE LAGGED WALL DIRECTLY ADJACENT TO THE SOUTH. THE EXACT LOCATION IS UNKNOWN.

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GEOTECHNICAL EXPLORATION

BEL-9-22.81