

DEPARTMENT OF THE ARMY		1. PROJECT		SHEET OF	
DIVISION _____		2. LOCATION (Coordinates or Station)			
INSTALLATION _____		NW NE NE 18-32-23E			
DRILLING LOG		3. DRILLING AGENCY			
4. HOLE NO. (As shown on drawing title and file No.)		P&M Coal Company 9			
5. NAME OF DRILLER		7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
6. DIRECTION OF HOLE		9. TOTAL DEPTH OF HOLE		10. SIZE AND TYPE OF BIT	
<input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED DEGREES WITH VERTICAL		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
DISTURBED		UNDISTURBED		16. DATE HOLE STARTED COMPLETED	
17. ELEV. TOP OF HOLE		18. TOTAL CORE RECOVERY FOR BORING (%)		19. SIGNATURE OF INSPECTOR	
900					

18-32-23c

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	BOX OR SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
100						
110			Sh. blk.-gy. ↑, thin lam., abun. pyritic plant impressions at base, pyrite nodules, present weathers dk. br.	11'		
120			Sh. blk. gy. phosphatic, pyritic, impressions Underclay gr.-gy. ↑ carb., sid Sh. lt. gy., mottled and v. carb. at base, mica. + silty ↑, ironstone nodules present	2.1'		← Key black shale marker Teco coal Chelsea ss. equivalent indicated by silty nature note: no blk. shale above Weir-Pitt.
130				12.5		
140			Coal pyritic, good quality Underclay v. silty, massive, carb. + pyritized plants, sid Sh. gr.-gy. lam., carb., slightly sid slightly silty	2.2'		Weir-Pitt Coal
150			Sh. blk. phosphatic nodules near base	2.4'		
160			Coal .2' Underclay lt. gy. carb. Sh. lt. gy., silty, v. sid. (lbb)	4'		Blk. sh. marker bed for electric logs which occurs just below Weir-Pitt.
170			Sh. gy. lt. gy. at top progressively darker ↓, numerous sid. bands, pyritic plant traces, v. fissle at base	4.4'		
180			Coal .3' blk. pyritic Underclay lt. gy. mottled carb.	2'		
190			Sh. v. dk. gy.-blk. silty ↑, pyritic in lower 1/2	3'		
200			Coal blk. good quality Underclay gr.-br. ↑, v. carb. slickensided	24'		
				3.1		
				5.5		
				.5'		
				3'		

