Geologic Drill Hole Log & Piezometer As-Built

Hole No.	180-17A	Operation Name	Abandoned Nickle Plate Mine "Blowout", McDonald, PA
Road Name	Hill Street	Contract & OSM #	EP 3555440000-05-01; OSM 63(1441)101.1
Sfc. Elev.	1066 (est.)	Drilling Method(Date)	air-rotary; 4 3/4" carbide button bit (03/09/05)
Surveyed by	PA DEP, BAMR	Driller(License#)	McKay & Gould Drilling Co. (PA-0592); Lynn Gould (driller)
Client	PA DEP, BAMR	Municipality/County	McDonald Borough/Allegheny County
Remarks	all dimensions in feet, unless noted	Quadrangle	7 ½ ' Canonsburg (PR1979)
Logged by	Margaret H. Dunn, PG (PA-000771)	Latitude	40.3740 Longitude -80.2317

Depth	Thick-ness	Scale	Lithology	Graphic Log	"As-Built"	Water Level Data DTW	WE	Date	Time	Comments
		0								piezometer not installed as solid Pgh coal encountered
0	2		asphalt & brick							
2	5		fill or regolith; clayey, bn, "muddy" @2-7 poor air return							bkfl with bentonite (chips) & drill chips
7	8	10	SH; org, buff, bn zones, wx at top, becoming md-gy at bottom; dry							
15	12	20	carbonaceous zone, dry @15-15½ coal (@16 add rod) @15½-17 bony @17-18½ SH; carb @18½-20 SH; md-gy @20-21½ SH; carb @21½-22 coal @22-22½ SH; carb @22½-27 coal [Pgh coalbed]							
27		30	LS; lt-gy, arg, dry [Pgh Seatearth]	TD 28						
		40								
		50								
		60								
		70								
		80								