Geologic Drill Hole Log & Piezometer As-Built

Hole No.	180-32	Operation Name	Abandoned Nickle Plate Mine “Blowout”, McDonald, PA
Landowner	Aloe Family Limited Partnership	Contract & OSM #	EP 3555440000-05-01; OSM 63(1441)101.1
Sfc. Elev.	1063.22	Drilling Method(Date)	air-rotary; 4 3/4" carbide button bit (04/04/05)
Surveyed by	PA DEP, BAMR	Driller(License#)	McKay & Gould Drilling Co.(PA-0592); Mike Hollabaugh (driller)
Client	PA DEP, BAMR	Municipality/County	North Fayette Township/Allegheny County
Remarks	all dimensions in feet, unless noted	Quadrangle	7½‘ Oakdale (PR1990)
Logged by	Margaret H. Dunn, PG (PA-000771)	Latitude	40.37961010 Longitude -80.23148416

Depth	Thick-ness	Scale	Lithology	Graphic Log	“As-Built”	Water Level Data DTW	WE	Date	Time	Comments
		0				16.60	1046.6	04/05/05	0950	WE - rounding discrepancies
0			SBS; brn, clayey			16.00	1047.2	04/06/05	1830	
	6					15.50	1047.7	04/07/05	1542	
						15.45	1047.8	04/08/05	1353	
						16.07	1047.2	04/09/05	0711	monitored WL then bkfl bentonite & drill chips
6			carbonaceous zone							
			@6-8 SH; carb, v. wx							
			@8-10 SH; OD & lt-brn							
		10								
			@10-11SH; md-gy							
			@11-12 STSH; lt-gy							
			@12-16 STSH; dk-gy							
			(@ 15 add rod)							WL before backfilling
			@16-21STSH; md to dk-gy							WL before backfilling
	26½									
		20								
			@21-22 coal w/SH; carb, parting							
			@22-24 parting; SH; carb							
			@24-26 coal w/SH; carb, parting							
			@26-32½ coal							
		30								
			[Pgh coalbed]							
32½	1		CS; lt-gy [Pgh Seatearth]							
33½			LS	TD 33½						
		40								
		50								
		60								
		70								
		80								