Geologic Drill Hole Log & Piezometer As-Built

Hole No.	180-30	Operation Name	Abandoned Nickle Plate Mine “Blowout”, McDonald, PA
Landowner	Aloe Family Limited Partners	Contract & OSM #	EP 3555440000-05-01; OSM 63(1441)101.1
Sfc. Elev.	1046.72	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	40.37806621 Longitude -80.22967799

Depth	Thick-ness	Scale	Lithology	Graphic Log	“As-Built”	Water Level Data DTW	WE	Date	Time	Comments
		0				1.24	1045.5	04/05/05	1209	WE - rounding discrepancies
0	4		clay; org (in-place?)	~~~~~~~~~~	~x~x ~x~x~x~ ~x~x	1.24	1045.5	04/06/05	1737	__WL__ before backfilling
				~~	~x~x ~x~x~x~ ~x~x	1.35	1045.4	04/07/05	1143	__WL__ before backfilling
				~~	~x~x ~x~x~x~ ~x~x	1.68	1045.0	04/09/05	0810	
				~~	x~x~ x~x~x~x x~x~	1.73	1045.0	04/10/05	1036	monitored WL then bkfl bentonite & drill chips
4			CS; md-gy	~~~~~~~~~~	x~x~ x~x~x~x x~x~					
5½			coal		~x~x ~x~x~x~ ~x~x					
			@6-7 CS; dk-gy	~~~~~~~~~~	~x~x ~x~x~x~ ~x~x					
					x~x~ x~x~x~x x~x~					
	8	10			x~x~ x~x~x~x x~x~					
					~x~x ~x~x~x~ ~x~x					
					~x~x ~x~x~x~ ~x~x					
			[Pgh coalbed]		x~x~ x~x~x~x x~x~					
					x~x~ x~x~x~x x~x~					
13½	½		SH; gy (<1 gpm) [Pgh Seatearth]	- - - - - - - - -	~x~x ~x~x~x~ ~x~x					
14			LS	I-I-I-I-I-I-I-I-I-I	x~x~ x~x~x~x x~x~					
				TD 15						
		20								
		30								
		40								
		50								
		60								
		70								
		80								