

**Geologic Drill Hole Log & Piezometer As-Built**

Hole No.	180-27B	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.	1085.50	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	7 1/2' Oakdale (PR1990)
Logged by	Margaret H. Dunn, PG (PA-000771)	Latitude	40.37709179
		Longitude	-80.22954135

Depth	Thick-ness	Scale	Lithology	Graphic Log	"As-Built"				Water Level Data				Comments	
									DTW	WE	Date	Time		
		0			(1)					41.52	1046.9	04/05/05	1057	(1) "Stick-Up": 2.91; elev. at top = 1088.41 (DTW reported from top of "Stick-Up")
0	1 1/2		SBS; lt-brn & md-org, clayey, dry		~x-x	~x-x	~x-x	~x-x	41.52	1046.9	04/06/05	1509		
1 1/2	2		STS & STSH; OD	-----	~x-x	~x-x	~x-x	~x-x	41.31	1047.1	04/07/05	1043	WE - rounding discrepancies	
				-----	x-x-x	x-x-x	x-x-x	x-x-x	40.97	1047.4	04/09/05	0751		
3 1/2	1 1/2		LS; OD & md-gy, v. arg., sl. fizz, dry	- - - - - - - - - -	~x-x	~x-x	~x-x	~x-x	41.23	1047.2	04/10/05	1051	clogged (vandalized)	
				- - - - - - - - - -	x-x-	x-x-	x-x-	x-x-			06/10/05	1241		
5	10	__10__	CS; md- to lt-gy & md-org, wx, dry	~~~~~	~x-x	~x-x	~x-x	~x-x						(2) Grout: 0 - 40?
				~~~~~	x-x-	x-x-	x-x-	x-x-						
				~~~~~	~x-x	~x-x	~x-x	~x-x						(3) Riser: 0 - 43
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