

Geologic Drill Hole Log & Piezometer As-Built

Hole No.	180-21	Operation Name	Abandoned Nickle Plate Mine "Blowout", McDonald, PA
Road Name	Summit Street	Contract & OSM #	EP 3555440000-05-01; OSM 63(1441)101.1
Sfc. Elev.	1118.93	Drilling Method(Date)	air-rotary; 4 3/4" carbide button bit (03/10/05)
Surveyed by	PA DEP, BAMR	Driller(License#)	McKay & Gould Drilling Co. (PA-0592); Lynn Gould (driller)
Client	PA DEP, BAMR	Municipality/County	McDonald Borough/Washington County
Remarks	all dimensions in feet, unless noted	Quadrangle	7 1/2 ' Canonsburg (PR1979)
Logged by	Margaret H. Dunn, PG (PA-000771)	Latitude	40.37443349
		Longitude	-80.23407458

Depth	Thick-ness	Scale	Lithology	Graphic Log	"As-Built"	Water Level Data				Comments
						DTW	WE	Date	Time	
		0			(1)	72.6	1046.3	03/11/05	0730	WE - rounding discrepancies
0	1		asphalt overlying brick	+++++		71.7	1047.2	03/11/05	1527	
1	2 1/2		fill(?) ; clayey, buff, damp 1-3 1/2' poor air return	//////	~x-x	72.1	1046.9	03/14/05	0730	
3 1/2			clayey soil & CS; @3 1/2-5 soil; lt-gy, damp @5-9 CS; lt-org, v. wx, damp	~~~~~	x-x-	72.0	1047.0	03/14/05	1503	
	11 1/2			~~~~~	~x-x	72.2	1046.8	03/15/05	0730	
				~~~~~	x-x-	72.3	1046.6	03/16/05	0730	
				~~~~~	~x-x	72.3	1046.6	03/17/05	0730	
				~~~~~	x-x-	72.7	1046.6	03/17/05	0730	
				~~~~~	~x-x	72.6	1046.4	03/18/05	1253	
		10	@9-15 CS; buff, OD, damp	~~~~~	x-x-	72.7	1046.2	03/21/05	0730	
				~~~~~	(2)					(2) Grout: 1/2 -71
				~~~~~	(3)					(3) Riser: 1/2 -72
15			LS & CS zone, dry (@15 add rod) @15-17 LS; md-gy, arg @17-31 CS; lt-gy		~x-x					
		20			x-x-					
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