

FORM 8

I.D.No. _____

Borehole Number: TB-15
 Surface Elevation (Ft/MSL): 1680.90' (ft)
 Borehole Diameter: 6" Inches, From 0.0' To 20.5'
3 1/2" Inches, From 20.5' To 70.0'
 Total Depth: 70.0' (ft)
 Depth to Static Ground Water Level (SWL): 12.5' (ft)
 Date SWL Measured: 11/22/89 (mm/dd/yy)

Drilling Method: HOLLOW STEM AUGER & NX WIRELINE
 Date Drilled: 11/21/89 - 11/22/89 (mm/dd/yy)
 Drilled By: HETAGER DRILLING CO.
 Drillers License Number: 1728
 Logged By: WAB
 County: JEFFERSON COUNTY
 Township or Municipality: PINE CREEK

Depth (Ft)	Lithologic Description	Plot	Ground Water ^a Observations	Samples No.	Remarks	Comments	Well/Piezometer Construction	Depth (Ft)
0	(MINE SPOIL)-MEDIUM STIFF TO STIFF, GRAY BROWN-ORANGE CLAYEY SILT/SILTY CLAY AND MEDIUM TO DARK GRAY CARBONACEOUS SHALE FRAGMENTS			1	11/18	DRY-MOIST LOWER KITTANNING STRIP MINE SPOIL (0' TO 18.0')		0
5				2	13/18			5
10				3	9/18			10
15				4	5/18	WET AT 14.0'		15
18.0'						DRY-MOIST		
20	SOFT, GRAY CLAYSTONE, ROOTED, SOME CLAY SHALE FRAGMENTS, TRACE IRON STAINING			5	12/18	20.5' TO 20.7' MODERATELY WEATHERED SHALE LAYER FRACTURES ARE PREDOMINANTLY ORIENTED BETWEEN 0' AND 30'		20
25				1	4.7'/5.5'	FRACTURES ARE OPEN AND IRON STAINED		25
26.0'	MEDIUM HARD, GRAY SILTSTONE, LAMINATED, SOME CLAY SHALE LAYERS, BROKEN, MODERATELY WEATHERED			2	4.0'/4.0'	PARTIALLY HEALED NEAR VERTICAL JOINT (HEAVY IRON STAINING)		30
30.2'						CLAY IN FILLING ALONG FRACTURE		35
35	MEDIUM HARD, GRAY BROWN, FINE TO MEDIUM GRAINED SANDSTONE, SLIGHTLY BROKEN, THIN SHALE STREAKS, MODERATELY WEATHERED			3	10.0'/10.0'	FRACTURES ARE OPEN LESS IRON STAINING		40
33.8'						TRACE CLAY FILLED FRACTURES		45
40	MEDIUM HARD, GRAY, FINE TO MEDIUM GRAINED SANDSTONE, MASSIVE, MICACEOUS, LOCALLY CROSS BEDDED, SLIGHTLY BROKEN TO UNBROKEN			4	10.0'/10.0'			50
48.4'						HEAVY IRON STAINING HEMATITE (IRON) STAINING ALONG VERTICAL JOINTS		55
50	MEDIUM HARD, BROWN-ORANGE, FINE TO COARSE GRAINED SANDSTONE, MICACEOUS, THIN CARBONACEOUS STREAKS, SLIGHTLY BROKEN TO UNBROKEN, IRON STAINED, MODERATELY WEATHERED			5	10.0'/10.0'	LOST PARTIAL WATER RETURN AT 53.0'		60
55.1'						LESS IRON STAINING ALONG FRACTURES		
60	SEE NEXT PAGE							

* ▽ Encountered Ground Water ▽ Composite Static Water Level

** Recovered/Attempted

F-256
 SLW 2/15/91

Use additional sheets with this format as necessary