



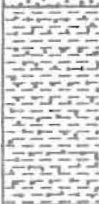




7.1(B) GEOLOGIC LOG DRILL HOLES/OVERBURDEN ANALYSIS DATA

Hole No.: DH-1085
 Surface Elevation: 1572.2
 Bottom of Coal Elevations: 1526.2 - Upper Freeport
 1480.7 - Lower Freeport No. 3
 1473.2 - Lower Freeport No. 2

 Groundwater Elevations Dry 3/30/01
 and Date Measured: _____

 Surveyed by: K & J Method: EDM
 Remarks: _____

Operation Name: Thomsontown
 Method of Drilling: Air Rotary
 Date Drilled: 03/29/01
 Drilled By: Holt Drilling
 Logged By: Ron Holt
 Township: Chest & Ferguson
 County: Clearfield
 Quadrangle: Westover
 Laboratory: _____
 Latitude: 40°49'12" Longitude: 78°38'26"
 Grid Coordinates: _____

Depth	Thick-ness	Scale	Graphic Log	Lithologic Description: rock type, weathering, color, fossils, carbonate minerals concentrations, pyrite, etc.	Water Conditions	Overburden Analysis Logs				
						Munsell Color Code	OBA Sample No.	Log Interval	%Total Sulfur	Fizz Rating
20	20	10		Brown shale						
25	5	20		Gray sandstone					Moderate	
36	11	30		Brown sandy shale					Slight	
45	9	40		Gray shale						
46	1			COAL - UPPER FREEPORT						
60	14	50		Gray clay						
		60								
		70	