

BORING NO. B-7 G.E. 715.25

Depth	A	B	C	Description	G.E.
710				0.0'-1.0' Road, Asphalt & Concrete	714.25
				1.0'-10.0' Br. Silty Clay	705.25
700				10.0'-24.0' Br. Silt & Gravel w/ Sandstone Boulders	691.25
690				R.Q.D.	
				24.0'-28.5' Gy. Sandy Shale	686.75
	29.0	0%	100%	28.5'-30.0' COAL	685.25
				30.0'-31.5' VOID	683.75
680	34.0	0%	66%	31.5'-33.8' Dk. Gy. Carbonaceous Shale	681.45
	39.0	50%	100%	33.8'-44.0' Dk. Gy. Shale	671.25
670	44.0	50%	100%	End Of Boring 44.0'	
660					
650					
640					
630					
620					
610					

BORING NO. B-8 G.E. 715.84

Depth	A	B	C	Description	G.E.
710				0.0'-18.0' Br. Silt w/ Gy. Sandstone Boulders	
700				R.Q.D.	
	20.0	0%	44%	18.0'-24.5' Dk. Gy. Sandy Shale, Broken w/ Water Stains	697.84
				24.5'-26.5' VOID	691.34
690				26.5'-43.0' Dk. Gy. Fine Grain Sandy Shale, Broken w/ Water Stains.	689.34
	30.0	21%	45%		
680	35.0	66%	98%		
	45.0	73%	100%	43.0'-68.0' Gy. Med. to Coarse Grain Sandstone. Broken	672.84
670					
660					
650					
640					
630					
620					
610					

BORING NO. B-9 G.E. 712.63

Depth	A	B	C	Description	G.E.
710				0.0'-4.0' Sandstone Boulders & Brick	708.63
700				4.0'-21.5' Strip Mine Spoil w/ Traces Of Coal & Shale Frags. & Sandstone Boulders.	
				R.Q.D.	
	25.0	33%	100%	21.5'-36.0' Dk. Gy. Sandy Shale, Broken w/ Water Stains	691.13
690					
680					
	35.0	69%	100%	36.0'-55.0' Gy. Med. to Coarse Grain Sandstone, Broken w/ Vert. Fractures & Water Stains.	676.63
670					
660					
650					
640					
630					
620					
610					

BORING NO. B-10 G.E. 709.51

Depth	A	B	C	Description	G.E.
710				0.0'-1.0' Road	708.51
				1.0'-8.0' Br. Silty Clay	701.51
				R.Q.D.	
	11.5	0%	45%	8.0'-20.0' Gy. Weathered Sandstone V. Broken Lost Water At 21.5'	789.51
700					
	20.0	0%	18%	20.0'-25.5' Gy. Sandstone Very Broken	784.01
	25.0	20%	84%	25.5'-28.0' COAL	681.51
	30.0	0%	60%	28.0'-30.0' VOID	679.51
				30.0'-33.0' Dk. Gy. Carbonaceous Shale	676.51
				33.0'-44.0' Gy. Sandy Shale, Broken w/ Water Stains	665.51
690					
	40.0	23%	75%	44.0'-52.0' Gy. Fine Grain Sandstone	657.51
680					
	50.0	67%	100%	52.0'-74.2' Gy. Med. to Coarse Grain Sandstone w/ Vert. Fractures & Water Stains & Small VOIDS At 67.5'-67.7' 71.3'-71.5' 72.1'-72.6' 73.6'-73.8'	635.31
				74.2'-74.4' VOID	635.11
670					
	60.0	49%	100%	74.4'-85.0' Dk. Gy. Shale, Broken w/ Small Void At 75.2'-75.7'	624.51
660					
650					
640					
630					
620					
610					

BORING NO. B-11 G.E. 716.19

Depth	A	B	C	Description	G.E.
710				0.0'-20.0' Dk. Br. Silt & Shale Frags.	
				R.Q.D.	
	25.0	80%	100%		696.19
700					
	35.0	55%	83%	20.0'-56.3' Gy. Med. Grain Sandstone, Broken w/ Vert. Fractures & two Small Voids At VOID 29.0'-29.2' VOID 32.2'-32.4'	659.89
				56.3'-56.6' VOID	659.59
				56.6'-68.0' Dk. Gy. Shale w/ A Small VOID At 59.0'-59.5'	648.19
690					
	45.0	20%	56%	68.0'-90.0' Gy. Med. to Coarse Grain Sandstone	626.19
680					
	55.0	22%	73%		621.19
				90.0'-95.0' Dk. Gy. Shale	616.69
				95.0'-99.5' VOID	614.69
				99.5'-101.5' Dk. Gy. Shale	613.69
				101.5'-102.5' VOID	611.19
				102.5'-105.0' Dk. Gy. Shale	611.19
670					
660					
650					
640					
630					
620					
610					

BORING NO. B-12 G.E. 711.24

Depth	A	B	C	Description	G.E.
710				0.0'-1.0' Road, Asphalt & Concrete	710.24
700				1.0'-22.0' Br. Silt & Gravel w/ Sandstone Boulders.	689.24
				R.Q.D.	
	25.0	0%	35%	22.0'-28.0' Gy. Weathered Sandstone Badly Broken	683.24
	30.0	5%	64%	28.0'-32.5' Gy. Fine Grain Sandstone w/ Vert. Fractures & Water Stained	678.74
690					
	35.0	18%	30%	32.5'-34.0' COAL	677.24
				34.0'-41.5' VOID	669.74
680					
	45.0	18%	55%	41.5'-46.0' Dk. Gy. Shale	665.24
				46.0'-56.0' Gy. Fine Grain Sandstone	655.24
670					
	55.0	76%	93%	56.0'-73.0' Gy. Coarse Grain Sandstone	638.24
				73.0'-75.0' Gy. Shale	636.24
				75.0'-81.0' Gy. Med. Grain Sandstone	630.24
660					
	60.0	86%	93%	81.0'-86.2' VOID	625.04
				86.2'-88.0' Mine Gob	623.24
				88.0'-91.0' Gy. Shale	620.24
650					
	70.0	75%	100%		
640					
	80.0	70%	100%		
630					
	85.0	18%	26%		
620					
	91.0	29%	60%		
610					

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. OSM 40(805-83)101.5

CORE BORING SUBSURFACE INVESTIGATION
AREA OF MAIN, STANTON & McLEAN STREETS
BOROUGH OF DUPONT
LUZERNE CO., PENNSYLVANIA

BORING LOGS

DRAWN BY SRS	DATE 21 OCT. 84	DRAWING NO.
CHECKED BY SF	SCALE 1" = 10'	2