

790
780
770
760
750
740
730
720
710
700
690
680
670
660 DATUM

BORING NO. B-1
G. E. 735.50

A	B	C		
			0.0'-1.0' Road	734.50
			1.0'-10.0' Br. Silty Clay	725.50
			10.0'-15.0' Br. Weathered Shale	720.50
18.0	0%	100%	15.0'-18.0' Dk. Gy. Shale, Broken & Water Stained	717.50
25.0	0%	71%	18.0'-26.0' COAL, Broken & Lost Water At 21.0'	709.5
30.0	65%	100%	26.0'-30.0' Dk. Gy. Shale	705.50
			End Of Boring 30.0'	

BORING NO. B-2
G. E. 789.41

A	B	C		
			0.0'-1.0' Road	788.41
			1.0'-9.0' Br. Silty Clay	780.41
			9.0'-25.0' Gy. Sandy Shale, V. Broken	
15.5	0%	100%	15.5'-16.5' VOID	
			17.5'-17.8' VOID	
			23.0'-23.5' VOID	
			24.0'-24.5' VOID	
25.5	0%	62%		764.41
			25.0'-42.0' Dk. Gy. Shale, V. Broken & Water Stained	
35.5	0%	78%		747.41
			42.0'-42.5' VOID	746.91
45.5	0%	75%	42.5'-43.0' Dk. Gy. Shale, V. Broken	746.41
			43.0'-44.0' VOID	745.41
			44.0'-47.5' Dk. Gy. Shale, Very Broken & Water Stained	741.91
			47.5'-48.5' VOID	740.91
55.5	55%	82%	48.5'-55.5' Dk. Gy. Sandy Shale	733.91
			End Of Boring 55.5'	

BORING NO. B-3
G. E. 753.90

A	B	C		
			0.0'-10.0' Br. Silty Clay	743.90
			10.0'-25.5' Br. Clay Shale	
			R.Q.D.	728.40
29.0	0%	27%	25.5'-27.0' Dk. Gy. Shale, Broken	726.90
			27.0'-28.5' VOID	725.40
34.0	10%	72%	28.5'-38.0' Dk. Gy. Sandy Shale, Broken	715.80
39.0	32%	80%	38.0'-38.5' VOID	715.30
44.0	88%	100%	38.5'-54.0' Dk. Gy. Shale, Broken & Water Stained	706.13
49.0	60%	92%		699.90
54.0	30%	100%		689.90
59.0	88%	99%	54.0'-64.0' Gy. Fine Grain Sandstone	688.60
64.0	90%	99%	64.0'-65.3' Dk. Gy. Shale, Broken	683.40
			65.3'-70.5' VOID	679.90
74.0	29%	45%	70.5'-74.0' Gy. Sandy Shale	679.90
			End Of Boring 74.0'	

BORING NO. B-4
G. E. 729.63

A	B	C		
			0.0'-4.0' Br. Silty Clay	725.63
			4.0'-8.0' Br. to Gy. Weathered Sandstone	721.63
			8.0'-16.0' COAL	713.63
			R.Q.D.	706.13
25.5	42%	100%	16.0'-23.5' Dk. Gy. Shale	706.13
35.5	55%	100%	23.5'-30.0' Gy. Fine Grain Sandstone, Broken w/ Vert. Fractures & Water Stains	699.63
45.5	90%	100%	30.0'-53.5' Gy. Med. Grain Sandstone	685.32
50.5	100%	100%	53.5'-55.5' VOID	676.13
			55.5'-57.0' Dk. Gy. Shale	674.13
			57.0'-57.7' VOID	671.93
60.5	36%	57%	57.7'-63.5' Dk. Gy. Shale	666.13
63.5	100%	100%		666.13
			End Of Boring 63.5'	

BORING NO. B-5
G. E. 729.32

A	B	C		
			0.0'-1.0' Road	728.32
			1.0'-8.0' Br. Silty Clay	721.32
			R.Q.D.	713.32
15.5	0%	60%	8.0'-16.0' Gy. Weathered Sandy Shale Very Broken & Water Stained	713.32
25.5	0%	100%	16.0'-38.0' Gy. Med. Grain Sandstone w/ Vert. Fractures & Water Stains	691.32
35.5	52%	97%	38.0'-40.2' VOID	689.12
42.0	21%	60%	40.2'-44.0' Dk. Gy. Sandy Shale	685.32
50.5	25%	80%	44.0'-45.5' VOID	683.82
			45.5'-50.5' Dk. Gy. Shale	678.82
			End Of Boring 50.5'	

BORING NO. B-6
G. E. 722.06

A	B	C		
			0.0'-8.0' Br. Silty Clay	714.06
			R.Q.D.	710.06
15.0	50%	85%	8.0'-27.5' Gy. Med. Grain Sandstone	710.06
25.0	82%	98%		694.56
35.0	39%	91%	27.5'-35.5' Dk. Gy. Shale Broken	686.56
40.0	0%	26%	35.5'-37.0' VOID	685.06
			37.0'-38.0' Gy. Broken Shale	684.06
			38.0'-39.5' VOID	682.56
45.0	50%	100%	39.5'-45.0' Dk. Gy. Shale	677.06
			End Of Boring 45.0'	

GENERAL NOTES

Column A Denotes Bottom Of Core Run
Column B Denotes R.Q. D.
Column C Denotes Core Recovery In Percent
For Boring Layout See Drawing I of I

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. O S M 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'	