

RECORD OF
DIAMOND DRILL HOLES
ON PROPERTY OF
THE MORRELLVILLE COAL MINING COMPANY

SITUATED IN LOWER YODER TOWNSHIP, CAMBRIA COUNTY, PENNA.

SCALE 1"=10 FEET

1913

Copied from original May 1979

DRILL HOLE NO. 1 PUT DOWN ON THE ELIZABETH HERSHBERGER TRACT JULY 1912 FOR THE MORRELLVILLE COAL MINING CO., AND THE MORRELLVILLE COAL AND COKE CO.				
ELEVATION ON SURFACE 2575.0				
CLASSIFICATION	STRATA	THICKNESS FT. IN.	DEPTH FT. IN.	
SURFACE		5 0	6 0	
SANDSTONE		24 3		
DIRT CLAY		8 3	29 3	
VARIATED SHALE		2 6	32 0	
RED SHALE		8 5	40 5	
LIGHT SHALE		1 3	41 8	
RED SHALE		9 3		
DIRT SHALE		8 7	50 11	
SANDSTONE		52 0		
GREEN SHALE		10 11	103 6	
SANDSTONE		4 9	109 2	
VARIATED SHALE		2 4	111 6	
GREEN SHALE		7 5	118 10	
VARIATED SANDSTONE		28 1		
			140 11	
SANDSTONE		26 5		
			167 4	
HARD SANDSTONE		7 8	175 0	
SANDSTONE		30 9		
			205 9	
HARD SANDSTONE		6 5	212 2	

DRILL HOLE NO. 2 PUT DOWN ON THE POTTS AND BHEAM TRACT FOR THE MORRELLVILLE COAL MINING CO., AND THE MORRELLVILLE COAL AND COKE CO. JULY 1912				
ELEVATION ON SURFACE 2269.10				
CLASSIFICATION	STRATA	THICKNESS FT. IN.	DEPTH FT. IN.	
SURFACE		12 4		
DIRT FIRE CLAY DIRT COAL		0 9	12 4	
SOFT SHALE		5 1	18 10	
DIRT SHALE		8 3	26 3	
IMPURE FIRE CLAY DIRTY COAL AND SLATE		1 11	27 5	
IMPURE FIRE CLAY		4 10	27 8	
BLACK SHALE DIRTY COAL DIRTY SHALE		0 8	28 7	
DARK SANDSTONE		6 8	36 3	
SANDSTONE AND SHALE		11 5		
			47 8	
SANDSTONE		8 6	56 2	
SANDY SHALE		5 2	61 8	
DIRT COAL DIRTY SHALE		7 7	68 9	
SANDSTONE		8 10	71 7	
HARD SANDSTONE		10 9	82 4	
FIRE CLAY		4 0	86 4	
SANDSTONE		67 8		
			154 0	
DIRTY SHALE		0 0	154 0	

DRILL HOLE NO. 3 PUT DOWN ON THE EDWARDS-LEWIS TRACT FOR THE MORRELLVILLE COAL MINING CO., AND THE MORRELLVILLE COAL AND COKE CO. AUGUST 1912				
SURFACE ELEVATION 1950.0				
CLASSIFICATION	STRATA	THICKNESS FT. IN.	DEPTH FT. IN.	
SURFACE		4 3	4 3	
SURFACE AND FIRE CLAY		7 6	11 9	
COAL (SHUTTY)		1 9	13 6	
IMPURE FIRE CLAY		8 6	19 0	
SANDSTONE AND SHALE		10 0	29 0	
HARD SANDSTONE		9 11	38 11	
BLACK SLATE		3 6	42 5	
BONY COAL AND SLATE		0 8	42 11	
SANDY SHALE		4 2	47 1	
BLACK SLATE		4 2	51 3	
SANDY SHALE		10 5		
BLACK SLATE BONY COAL AND SLATE		0 7	61 8	
IMPURE FIRE CLAY		3 6	65 7	
HARD SANDSTONE		43 2		
			109 9	
SANDSTONE AND SHALE		10 5		
			120 2	
BONY COAL		0 8	127 11	
SANDSTONE AND SHALE		7 5	134 9	
BLACK SLATE DIRTY COAL BLACK SLATE		1 1	136 0	
IMPURE FIRE CLAY		3 6	139 6	
BLACK SLATE		5 5	145 1	
DIRTY SHALE DIRTY COAL BLACK SLATE		0 8	153 9	
SANDY SHALE		1 0	154 9	
SANDSTONE AND SHALE		8 6	163 5	
IMPURE FIRE CLAY		5 3	168 8	
COAL DIRTY SHALE BLACK SLATE		0 8	173 6	
IMPURE FIRE CLAY		2 3	175 9	
BLACK SLATE DIRTY COAL		0 8	183 7	
BLACK SLATE		3 11	194 8	
HARD SANDSTONE		19 10		
			213 8	
BLACK SHALE SLATE		0 4	218 2	
HARD SANDSTONE		6 5	224 7	
SANDSTONE		11 1		
			235 8	
SANDY SHALE		2 0	237 8	
HARD SANDSTONE		14 4		
			252 2	
			266 6	

DRILL HOLE NO. 4 PUT DOWN ON THE ALEX STACKHOUSE TRACT FOR THE MORRELLVILLE COAL MINING CO., AND THE MORRELLVILLE COAL AND COKE CO. AUGUST 1912				
ELEVATION ON SURFACE 2023				
CLASSIFICATION	STRATA	THICKNESS FT. IN.	DEPTH FT. IN.	
SURFACE		9 9		
COAL SHUT		3 0	9 9	
FIRE CLAY		4 9	17 6	
HARD SANDSTONE		14 4		
			31 10	
GRAY SLATE		3 1	34 11	
BONY COAL		0 1	35 0	
SANDSTONE		5 0	40 0	
GRAY SLATE		16 6		
			56 6	
COAL AND SHALE		2 5	58 11	
FIRE CLAY		11 7		
			70 6	
SANDSTONE AND SHALE		11 0		
HARD SANDSTONE		2 6	81 6	
BLACK SLATE		6 0	90 0	
HARD SANDSTONE		6 3	96 3	

DRILL HOLE NO. 5 PUT DOWN ON THE FREDERICK BREHM TRACT FOR THE MORRELLVILLE COAL MINING CO., AND THE MORRELLVILLE COAL AND COKE CO. SEPTEMBER 1912				
ELEVATION OF SURFACE 1988.4				
STRATA	SECTION	THICKNESS FT. IN.	DEPTH FT. IN.	
SURFACE AND BOULDERS		16 0		
			16 0	
SANDSTONE		16 10		
			32 10	
BLACK SLATE		11 0		
			43 10	
SANDSTONE		3 1	46 11	
SANDY SHALE		24 0		
BLACK SLATE		8 10	70 11	
COAL "B"		3 3	75 3	
IMPURE FIRE CLAY		4 0	79 3	
SANDSTONE		12 9		
			92 0	
DARK SANDY SHALE		14 6		
DIRTY COAL DIRTY SHALE		2 6	106 6	
COAL DIRTY SHALE		2 6	109 10	
FIRE CLAY		11 8		
			122 4	
SANDSTONE		21 5		
			143 9	
SANDY SHALE		16 4		
			160 1	
SANDSTONE		12 7		
			172 8	
SANDY SHALE		2 4	175 0	
DIRTY COAL DIRTY SHALE		9 8	176 8	
FIRE CLAY		2 0	178 3	
DARK SANDY SHALE		11 6		
			189 9	
HARD SANDSTONE		37 3		
			227 0	
DARK SANDY SHALE		4 11/2	232 0	
SANDY SHALE		15 0		
			247 0	
SANDSTONE		5 9	253 10	
BLACK SLATE		0 8	253 10	
SANDY SHALE		4 6	258 10	
SANDSTONE		2 10	261 8	
DIRTY COAL BLACK SLATE		0 8	263 2	
SANDSTONE AND SHALE		22 10		
			285 0	
SANDSTONE		1 6	287 6	

DRILL HOLE NO. 6 PUT DOWN ON THE FREDERICK BREHM TRACT FOR THE MORRELLVILLE COAL MINING CO., AND THE MORRELLVILLE COAL AND COKE CO. OCTOBER 1912				
ELEVATION OF SURFACE 2265.3				
STRATA	SECTION	THICKNESS FT. IN.	DEPTH FT. IN.	
SURFACE		5 0		
			5 0	
BROKEN SANDSTONE		18 0		
SLATE		2 0	23 0	
SANDSTONE		5 9	30 9	
SLATE		1 1	32 10	
SANDSTONE AND SHALE		3 0	35 10	
DARK SANDY SHALE		29 2		
SLATE DIRTY		1 5	64 0	
DIRTY COAL (1" WASH)		1 6	66 9	
COAL "B"		2 0	68 9	
IMPURE FIRE CLAY		4 10	73 7	
SANDSTONE AND SHALE		13 6		
			87 1	
DARK SANDY SHALE		9 11		
BLACK SLATE DIRTY COAL		8 8	97 8	
COAL (2" WASH)		3 3	101 0	
BLACK SLATE		7 3	108 3	
IMPURE FIRE CLAY		9 9		
			112 0	
FIRE CLAY		5 0	117 0	
IMPURE FIRE CLAY		3 0	120 0	
SANDSTONE		13 2		
			133 2	
DARK SANDY SHALE		15 10		
BLACK SLATE DIRTY COAL		2 1	149 0	
SANDY SANDSTONE SHALE		3 4	151 1	
DARK SANDY SHALE		8 8		
			163 2	
SLATE		2 0	165 2	
DIRTY COAL FIRE CLAY		1 4	167 7	
HARD SANDSTONE AND SHALE		13 5		