1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
SEA LEVEL
-100
-200
-300
PENNSYLVANIA SHAFT
NO. 1 SLOPE TNL
LOCUST GAP FAULT
BASIN TNL 5th LIFT
4th LIFT TNL
5th LIFT TNL
DRAINAGE TNL
Distance to Mahanoy Creek is approximately 3300'
Approximate level of Mahanoy Creek = 715 ft.
14
12
11
10¾
10½
10
9¾
9½
9
8½
8
7
5
4

Mount Carmel (S/W "C")

Section through Penn., Alaska, Locust Gap. and Locust Spring Mines.

SECTION THROUGH
PENN., ALASKA,
LOCUST GAP, + LOCUST SPRING MINES

EXPLANATION

COAL BEDS

No. 14	= Diamond Bed
No. 12	= Orchard Bed
No. 11	= Primrose Bed
No. 10 ¾	=
No. 10 ½	=
No. 10	= Holmes Bed
No. 9 ¾	=
No. 9 ½	= Four-foot Bed
No. 9	= Top-split Mammoth Bed
No. 8	= Middle-split Mammoth Bed
No. 8	= Bottom-split Mammoth Bed
No. 7	= Skidmore Bed
No. 6	= Seven-foot Bed
No. 5 ½	=
No. 5	= Buck Mountain Bed *(No. 4 Bed at Penn. Colliery)*
No. 2	= Lykens Valley Bed

WORKINGS

Workings cut by cross section

Workings within 300 feet of the section projected along the strike of bed

Hypothetical position of the coal bed

Gangway in coal bed cut by section

Gangway projected to the section

Tnl. 76

Tunnel No. 76 cut by the section

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CROSS SECTION

THROUGH THE PENNSYLVANIA, ALASKA,
LOCUST GAP AND LOCUST SPRING MINES
MOUNT CARMEL QUADRANGLE
WESTERN MIDDLE ANTHRACITE FIELD, PENNSYLVANIA

BY
HOWARD E. ROTHROCK & HOLLY C. WAGNER

"PERFECT" CROSS SECTION
10 X 10 = ONE INCH
EUGENE DIETZGEN CO.

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