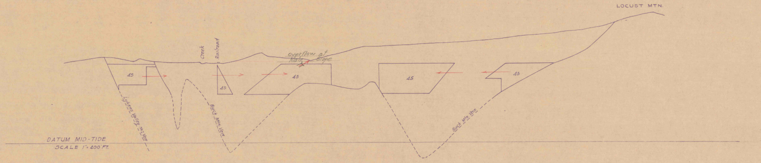
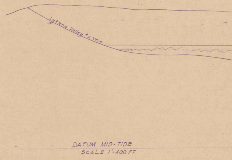
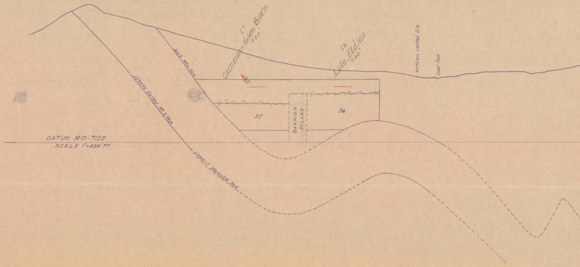
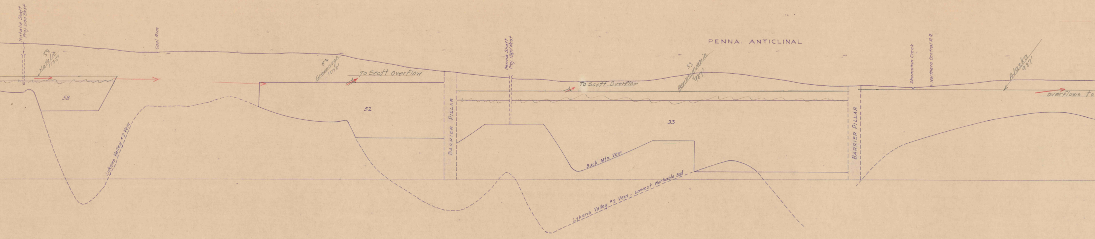

LOCUST MTN.
Creek
Railroad
overflow at Main Slope
45
45
45
45
45
45
Lykens Valley No 2 Vein
Buck Mtn. Vein
Buck Mtn. Vein
DATUM MID-TIDE
SCALE 1"=400'FT.

GEOLOGICAL CROSS SECTION No 18

LOOKING EAST

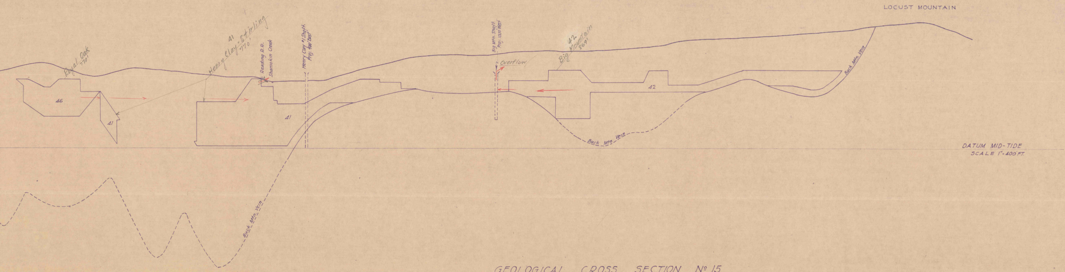

Lykens Valley #2 Vein
DATUM MID-TIDE
SCALE 1"=400 FT.


57
Cameron-Glen Burn
700'
56
Luke Fidler
700'
Northern Central R.R.
Coal Run
Buck Mtn. Vein
Lykens Valley No 2 Vein
57
BARRIER PILLAR
56
DATUM MID-TIDE
SCALE 1"=400'FT.
Lowest Workable Bed


Natalie Shaft
Proj. 2100 East
Coal Run
58
Natalie
1135'
58
To Scott Overflow
52
Greenough
1070'
52
BARRIER PILLAR
Penna Shaft
Proj. 1500 West
Lykens Valley #2 Vein
PENNA. ANTICLINAL
To Scott Overflow
33
Pennsylvania
987'
33
Buck Mtn. Vein
Lykens Valley #2 Vein - Lowest Workable Bed
BARRIER PILLAR
Shamokin Creek
Northern Central R.R.
Alaska
987'
overflows to

GEOLOGICAL CROSS SECTION Nº 13

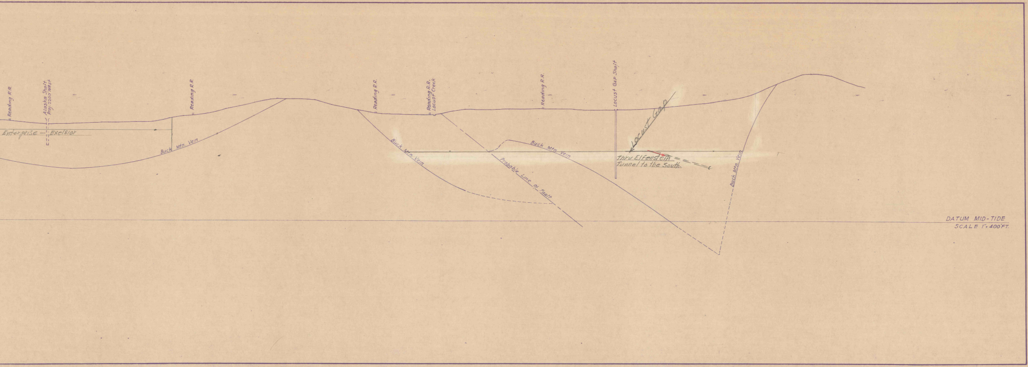
LOOKING EAST

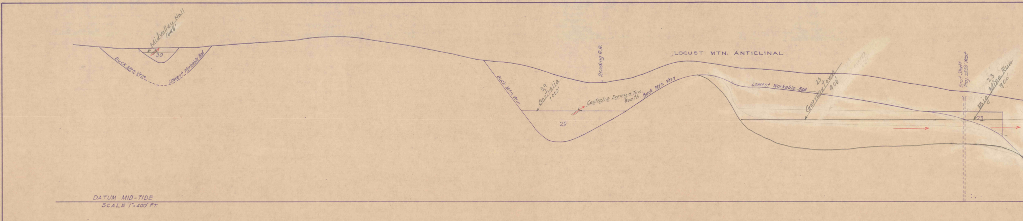

Royal Oak
770'
46
41
41
Henry Clay-Stirling
770'
Reading R.R.
Shamokin Creek
Henry Clay #1 Shaft
Proj. 400' East
41
Buck Mtn. Vein
Big Mtn. Shaft
Proj. 1000 West
Overflow
42
Big Mountain
869'
42
Buck Mtn. Vein
Buck Mtn. Vein
LOCUST MOUNTAIN

DATUM MID-TIDE
SCALE 1" = 400' FT.

GEOLOGICAL CROSS SECTION Nº 15

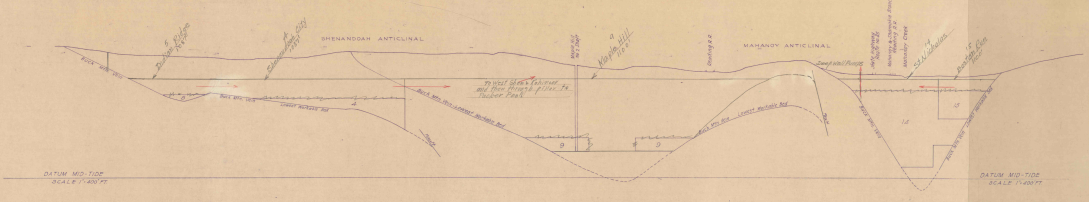
LOOKING EAST


Reading R.R.
Alaska Shaft Proj. 2200' West
Enterprise — Excelsior
Reading R.R.
Buck Mtn. Vein
Reading R.R.
Reading R.R. Locust Creek
Buck Mtn. Vein
Probable Line of Fault
Buck Mtn. Vein
Reading R.R.
Locust Gap Shaft
Locust Gap
Thru Elfenstein Tunnel to the South.
Buck Mtn. Vein
DATUM MID-TIDE
SCALE 1" = 400' FT.


Midvalley No. 1
1044'
30
Buck Mtn. Vein
Lowest Workable Bed
LOCUST MTN. ANTICLINAL
Reading R.R.
Buck Mtn. Vein
29
Centralia
1000'
Centralia Drainage Tun.
South. Buck Mtn. Vein
29
Lowest Workable Bed
23
Germantown
900'
Bast Shaft Proj. 2550' West
23
Big Mine Run
900'
23
DATUM MID-TIDE
SCALE 1" = 400' FT.

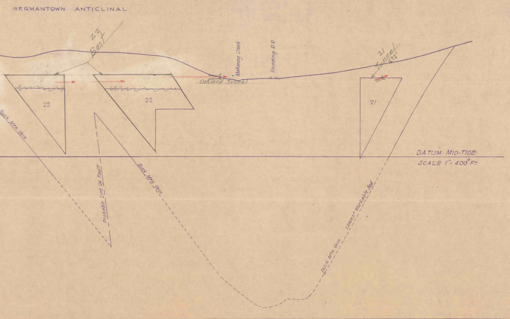
GEOLOGICAL CROSS SECTION No. 9

LOOKING EAST


5 Indian Ridge 1087'
4 Shenandoah City 1087'
SHENANDOAH ANTICLINAL
Maple Hill No 2 Shaft
9 Maple Hill 1100'
Reading R.R.
MAHANOY ANTICLINAL
Deep Well Pumps
State Highway Route No. 45
Mahanoy & Shamokin Branch Reading R.R.
Mahanoy Creek
14 St. Nicholas
15 Boston Run 1100'
Buck Mtn. Vein
5
Buck Mtn. Vein
Lowest Workable Bed
4
To West Shen & Kohinoor and then through pillar to Packer Pool
Buck Mtn. Vein-Lowest Workable Bed
Fault
9
9
Buck Mtn Vein Lowest Workable Bed
Fault
Buck Mtn. Vein
14
15
Buck Mtn Vein Lowest Workable Bed
DATUM MID-TIDE
SCALE 1" = 400' FT.
DATUM MID-TIDE
SCALE 1" = 400' FT.

GEOLOGICAL CROSS SECTION Nº 4

LOOKING EAST


GERMANTOWN ANTICLINAL
22 East
Mahanoy Creek
Reading R.R.
21 Tunnel 872'
Oakland Tunnel
22
22
21
Buck Mtn. Vein
Probable Line of Fault
Buck Mtn. Vein
Buck Mtn. Vein Lowest Workable Bed
DATUM MID-TIDE
SCALE 1" = 400' FT.

GEOLOGICAL CROSS SECTIONS

WESTERN MIDDLE ANTHRACITE FIELD

SHOWING

POOLS OF IMPOUNDED MINE WATER

JULY. 1970
~~OCTOBER - 1946~~

SCALE 1" = 400' FT.

LEGEND

EXISTING POOLS OF MINE WATER ▭