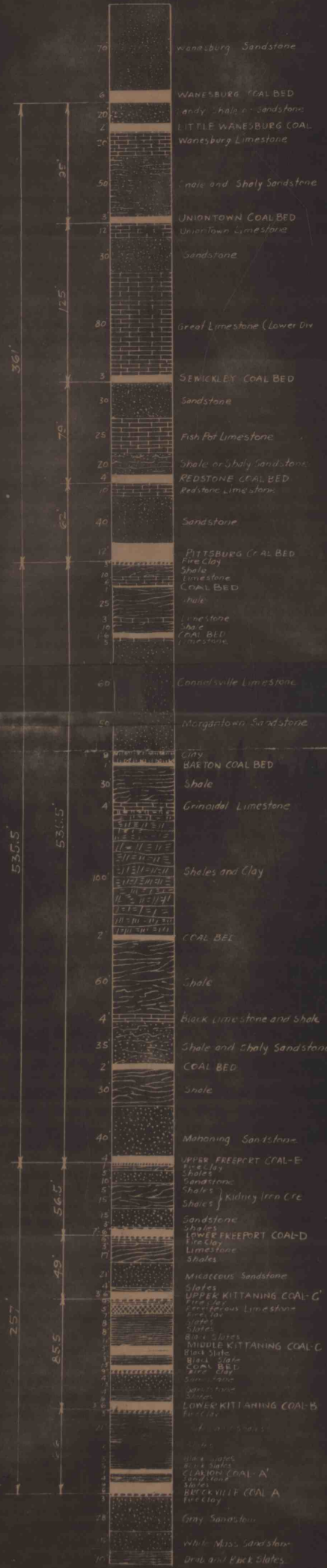


GENERALIZED COLUMNAR SECTION  
OF  
WESTERN PENNA.  
COAL MEASURES

SCALE 1" = 60 FEET



76 Wanesburg Sandstone

6 WANESBURG COAL BED

20 Sandy Shale or Sandstone

4 LITTLE WANESBURG COAL

20 Wanesburg Limestone

50 Shale and Shaly Sandstone

3 UNIONTOWN COAL BED

12 Uniontown Limestone

30 Sandstone

80 Great Limestone (Lower Div)

3 SEWICKLEY COAL BED

30 Sandstone

25 Fish Pot Limestone

4 Shale or Shaly Sandstone

4 REDSTONE COAL BED

10 Redstone Limestone

40 Sandstone

12 PITTSBURG COAL BED

10 Fire Clay

10 Shale

10 Limestone

7 COAL BED

25 Shale

3 Limestone

10 Shale

5 COAL BED

5 Limestone

60 Connellsville Limestone

50 Morgantown Sandstone

9 City

1 BARTON COAL BED

30 Shale

4 Grindal Limestone

100 Shales and Clay

2 COAL BED

60 Shale

4 Black Limestone and Shale

35 Shale and Shaly Sandstone

2 COAL BED

30 Shale

40 Mahoning Sandstone

4 UPPER FREEPORT COAL-E

10 Fire Clay

10 Sandstone

5 Shales } Kittany Iron Cr.

15 Shales

15 Sandstone

8 Shales

7 LOWER FREEPORT COAL-D

10 Fire Clay

7 Limestone

21 Shales

4 Micaceous Sandstone

4 Shales

3 UPPER KITTANNING COAL-C

10 Fire Clay

8 Micaceous Limestone

8 Shales

8 Black Slates

10 MIDDLE KITTANNING COAL-C

10 Black Slate

10 Black Slate

10 COAL BED

10 Fire Clay

10 Sandstone

10 Shales

10 LOWER KITTANNING COAL-B

10 Fire Clay

21 Black and Gray Slates

10 Shales

10 Black Slates

10 Black Slates

10 CLARKSON COAL A

10 Sandstone

10 Shales

10 BRICKVILLE COAL A

10 Fire Clay

28 Gray Sandstone

15 White Miss. Sandstone

10 Drab and Black Slates