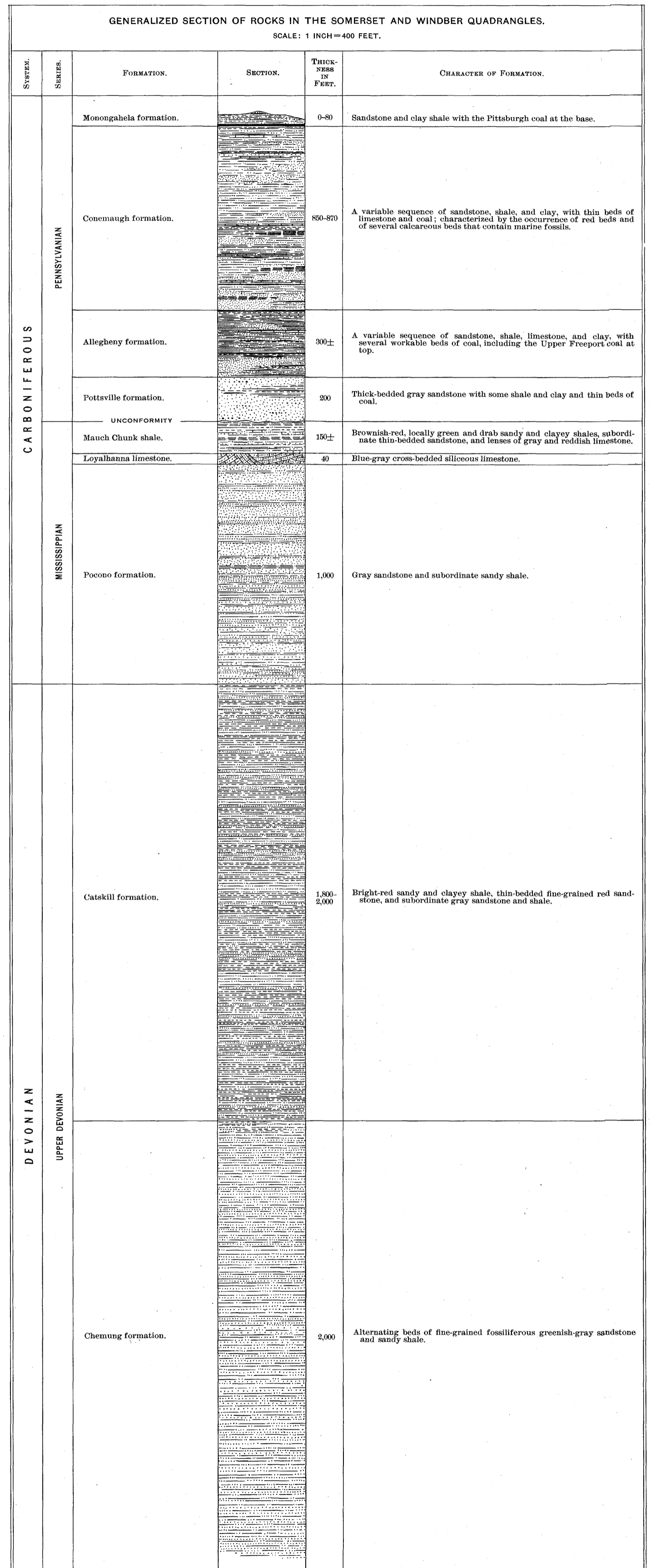
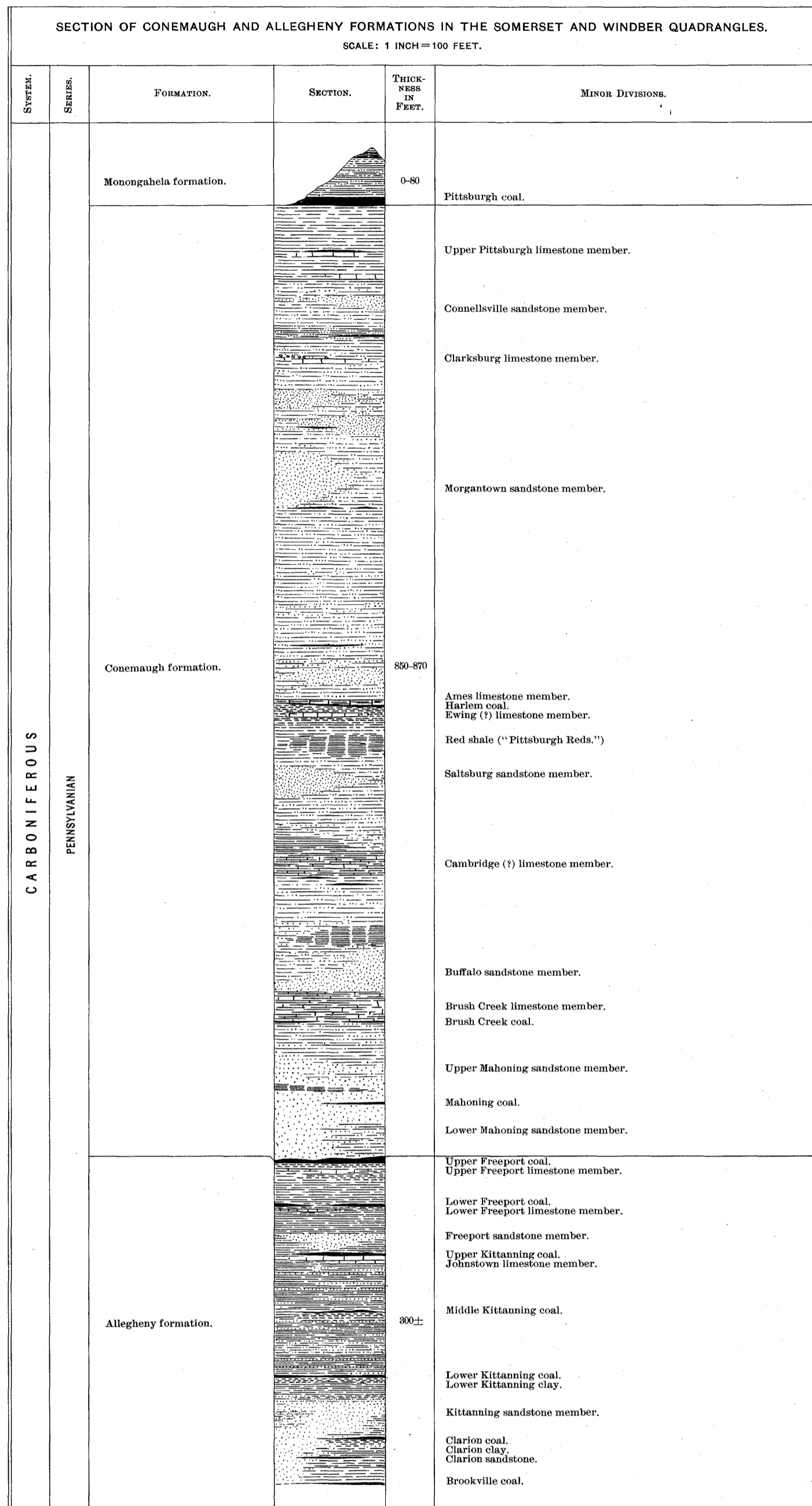


COLUMNAR SECTIONS



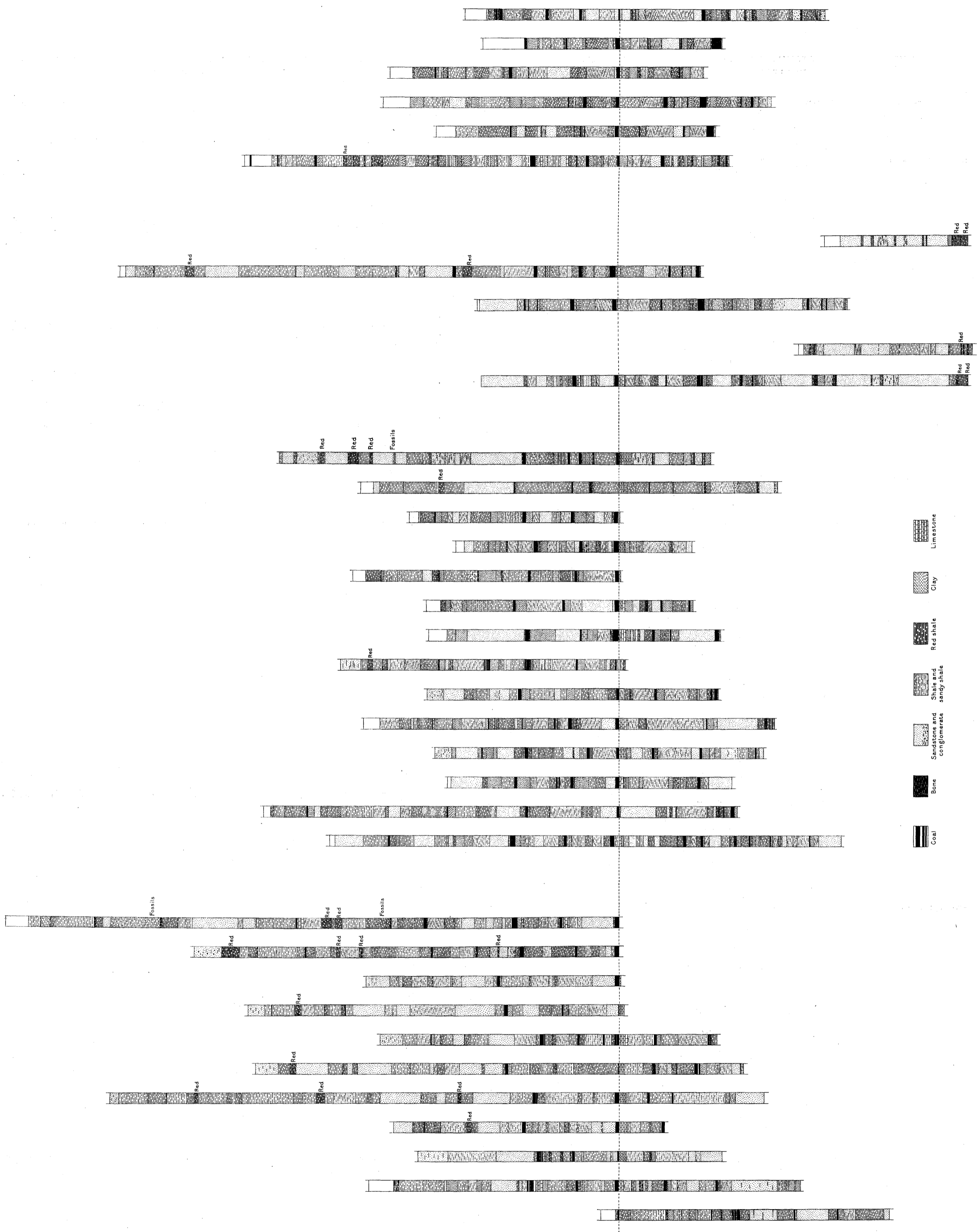
SECTIONS OF DIAMOND-DRILL HOLES IN SOMERSET AND WINDBER QUADRANGLES

BERLIN BASIN

WILMORE BASIN

SOMERSET BASIN

JOHNSTOWN BASIN



- Coal
- Conglomerate
- Sandstone and shaly shale
- Shale and sandy shale
- Red shale
- Clay
- Limestone

SCALE 1 INCH=80 FEET

Ames limestone

Brush Creek coal

Upper Freeport coal

Lower Freeport coal

Upper Kittanning coal
Johnstown limestone

Lower Kittanning coal

Kittanning sandstone

Brookville coal

Homewood sandstone

Mercer shale

Connoquessing sandstone

CONEMAUGH FORMATION

ALLEGHENY FORMATION

POTTSVILLE FORMATION

MAUCH CHUNK SHALE