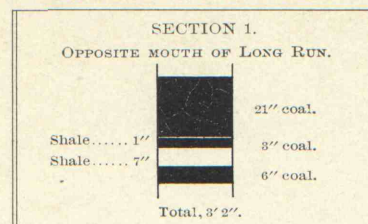


COAL SECTIONS

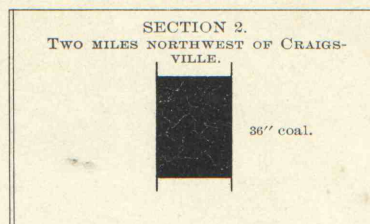
SECTIONS OF COAL SEAMS IN KITTANNING QUADRANGLE AND VICINITY.

SCALE: 1 INCH=5 FEET.

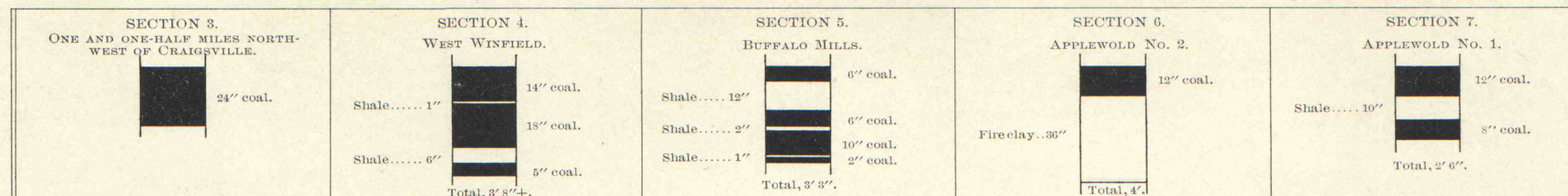
BROOKVILLE COAL.



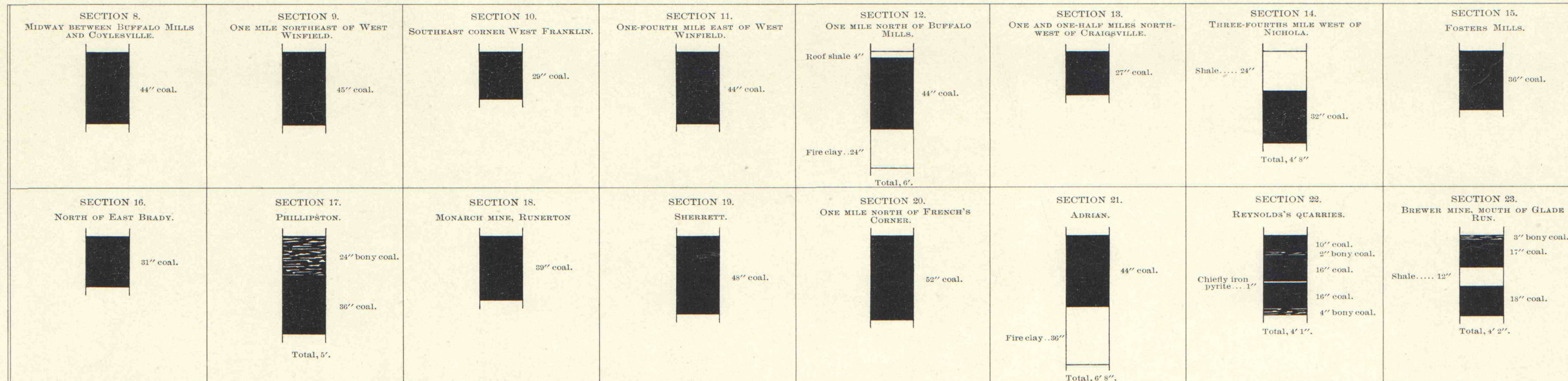
CRAIGSVILLE COAL.



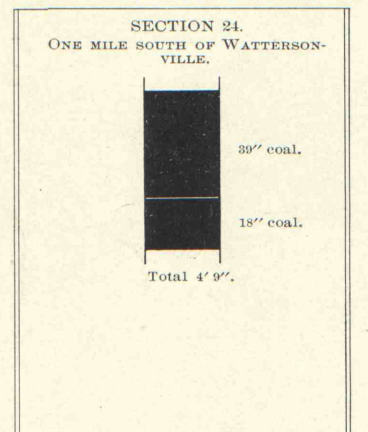
CLARION COAL.



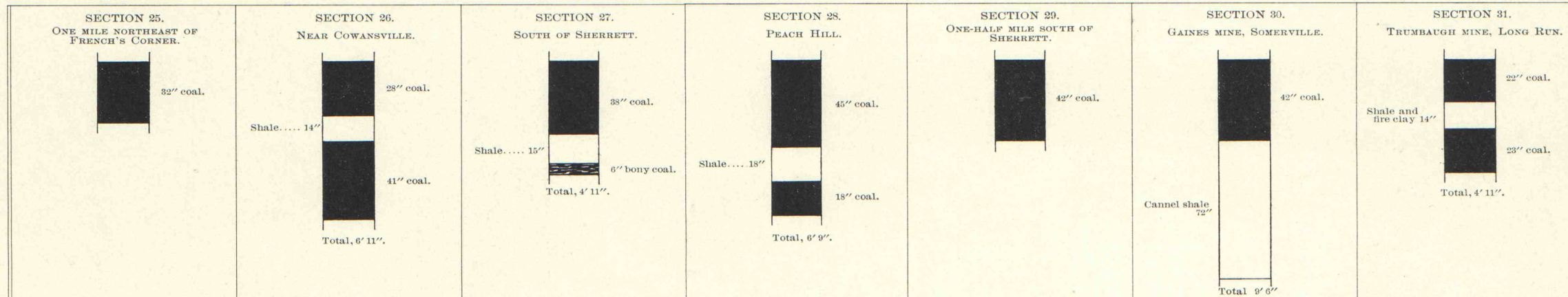
LOWER KITTANNING COAL.



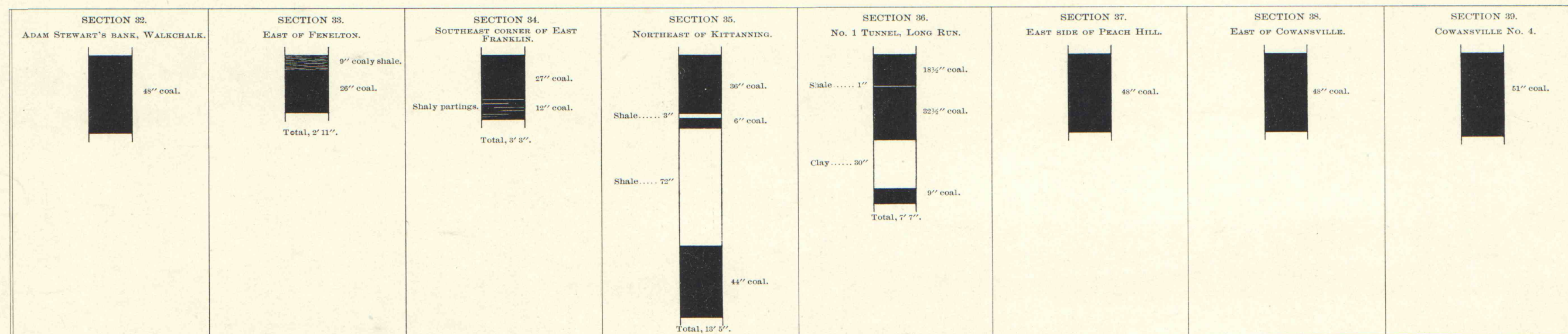
MIDDLE KITTANNING.



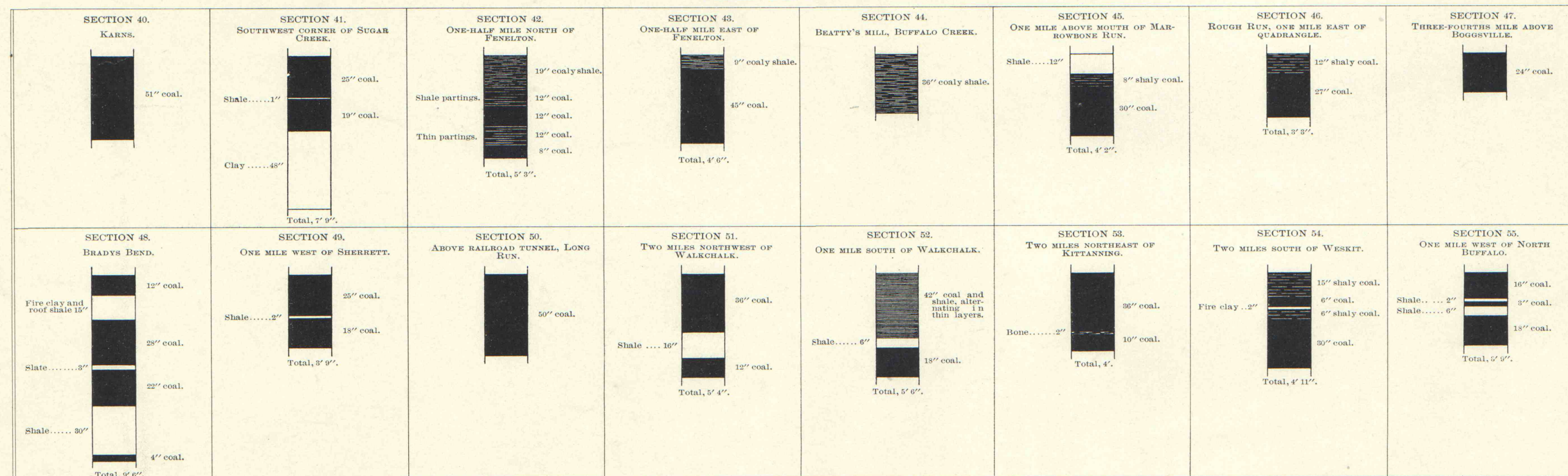
UPPER KITTANNING COAL.



LOWER FREEPORT COAL.



UPPER FREEPORT COAL.



CHARLES BUTTS,

Geologist.

IMAPS# 10381