

1237  
936  
1855

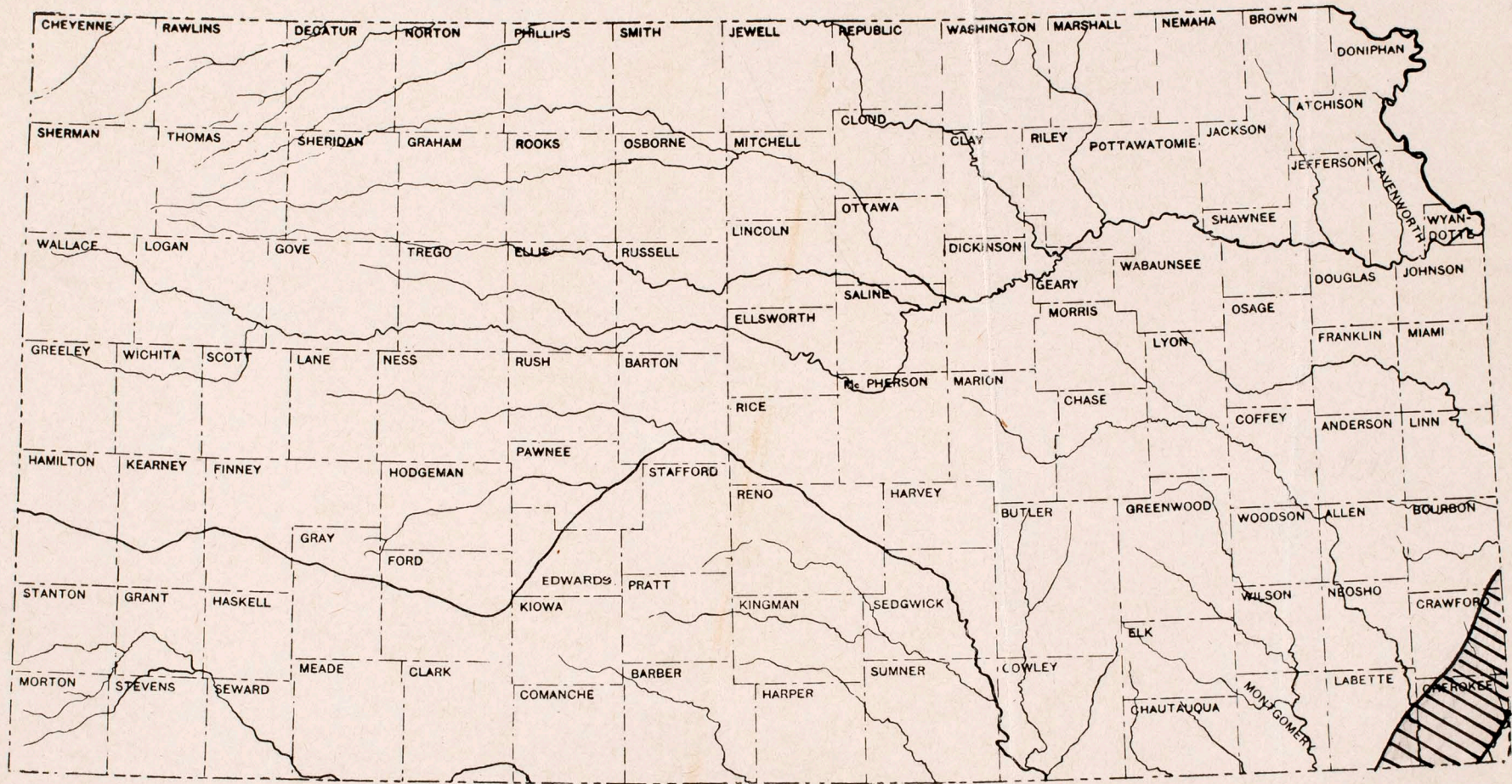


Fig. 1.--Outline map of Kansas showing the location and extent of the Cherokee outcrop.

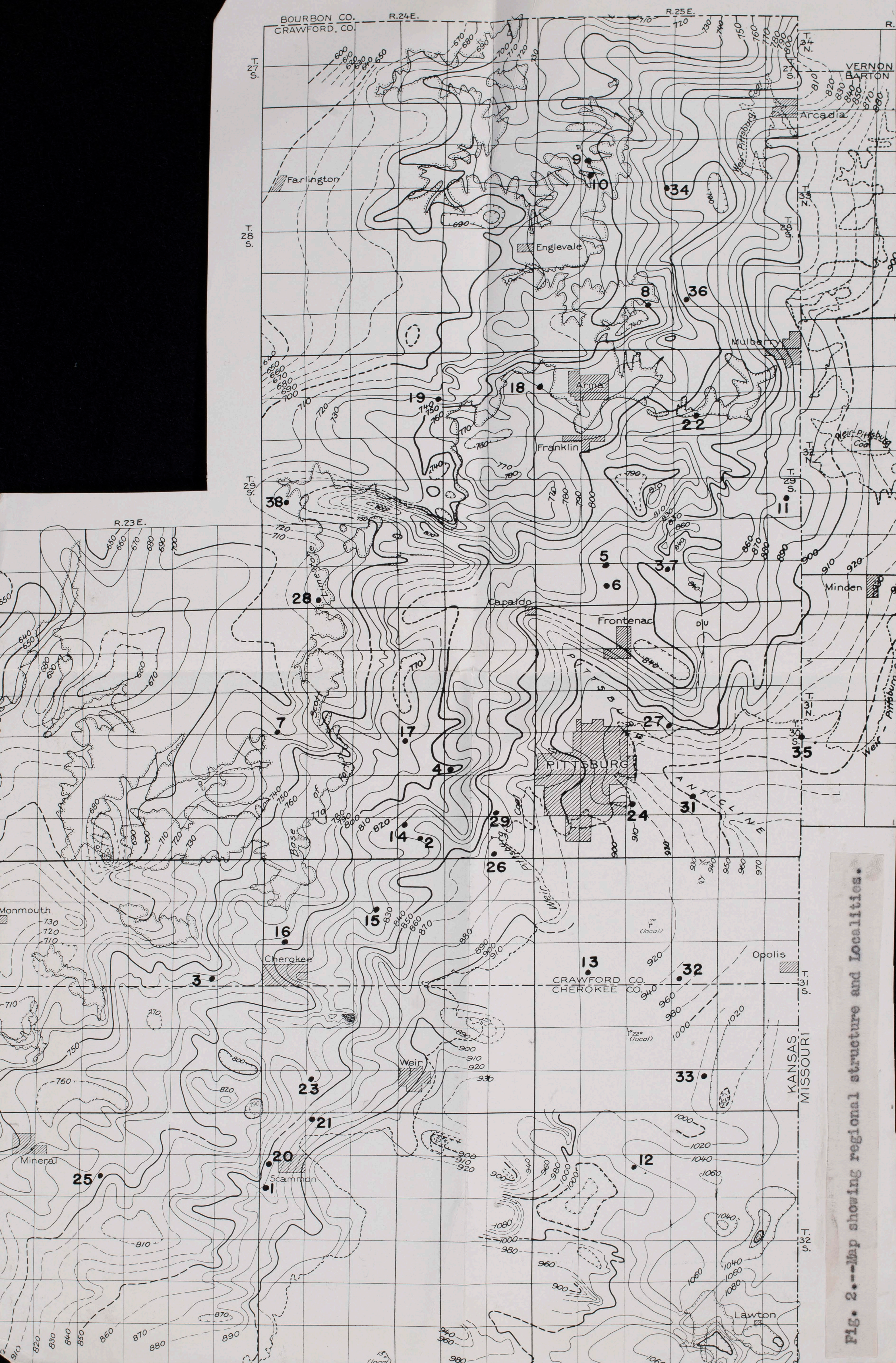


Fig. 2.--Map showing regional structure and localities.

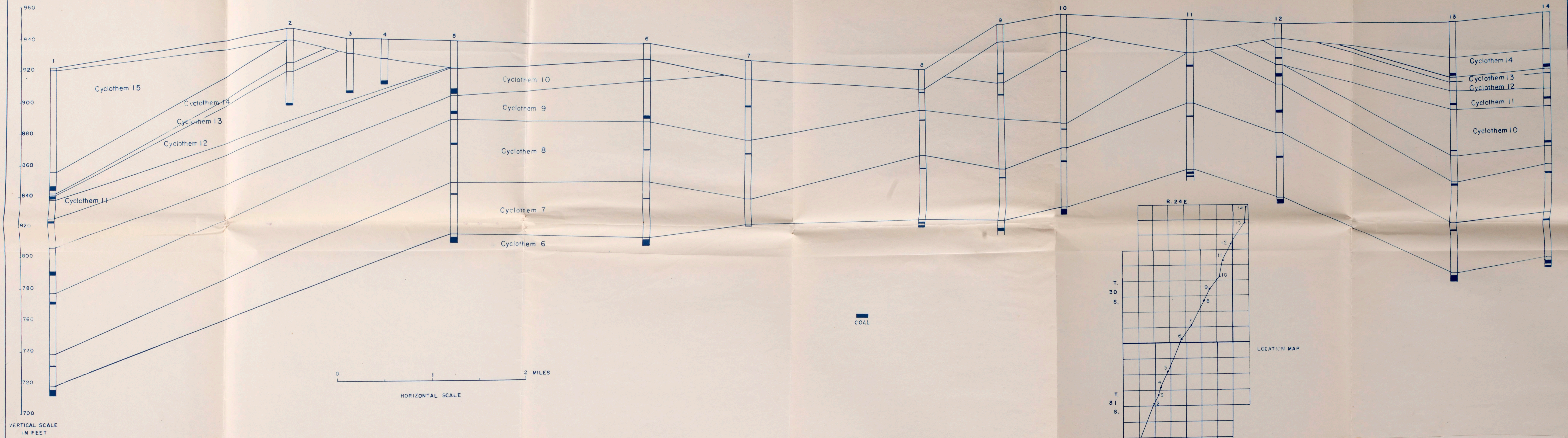
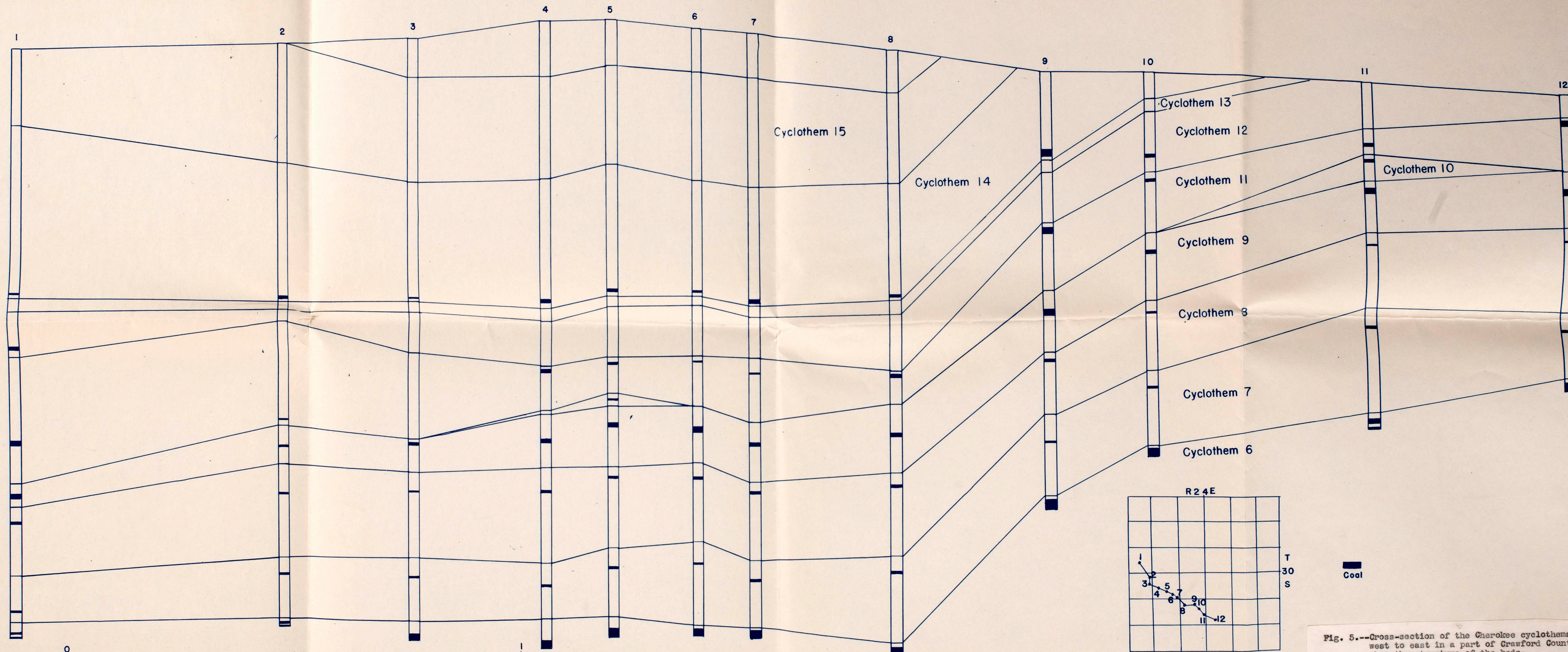


Fig. 4.--Cross-section of the Cherokee cyclothem beds from north to south in Crawford and Cherokee Counties, to show the structure of the beds.

VERTICAL SCALE

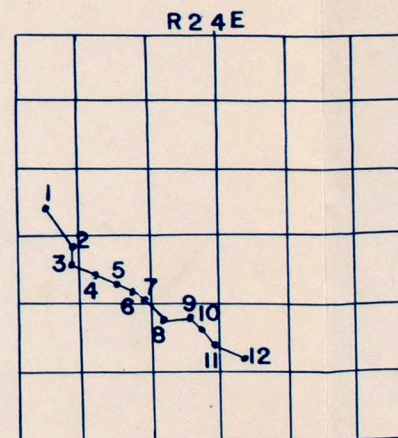
IN FEET

960  
940  
920  
900  
880  
860  
840  
820  
800  
780  
760  
740  
720



HORIZONTAL SCALE

Mile



Coal

Fig. 5.--Cross-section of the Cherokee cyclothem from west to east in a part of Crawford County, to show the structure of the beds.

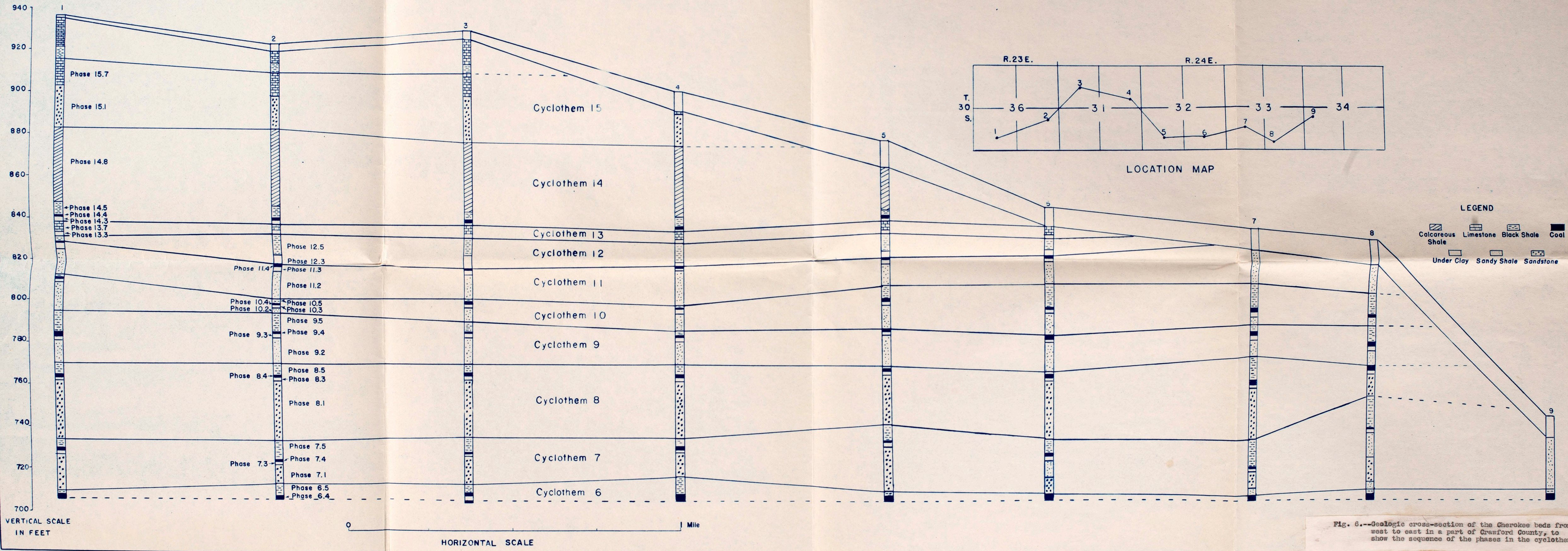


Fig. 6.--Geologic cross-section of the Cherokee beds from west to east in a part of Crawford County, to show the sequence of the phases in the cyclothem.

Fig. 7.--A Bucyrus-Erie electric shovel with a 18 cubic yard dipper. This shovel is operated near Chicopee by the Pittsburg and Midway Coal Company.

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Science



Fig. 8.--A Marion electric shovel with a 20 cubic yard dipper and a 90 foot boom. This shovel is operated near the Kansas-Missouri state line by the Alston Coal Company.

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A237  
c. 2  
Science



*METRUSSON'S*

Fig. 9.--Photograph of a loading shovel and pit-cars.

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science





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1936  
A237  
c. 2  
Science

Fig. 10.--Loading-shovels loading coal into trucks.



*Freusons*

Diss  
1936  
A237  
c. 2  
Science



Fig. 11.--Bank machine.

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1936  
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c. 2  
Science



*Terguson's*

Fig. 12.--Bank machine loading coal into railroad cars on the bank.

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Science



Fig. 13.--Pittsburg plant of the W. S. Dicky Clay Manufacturing Company.

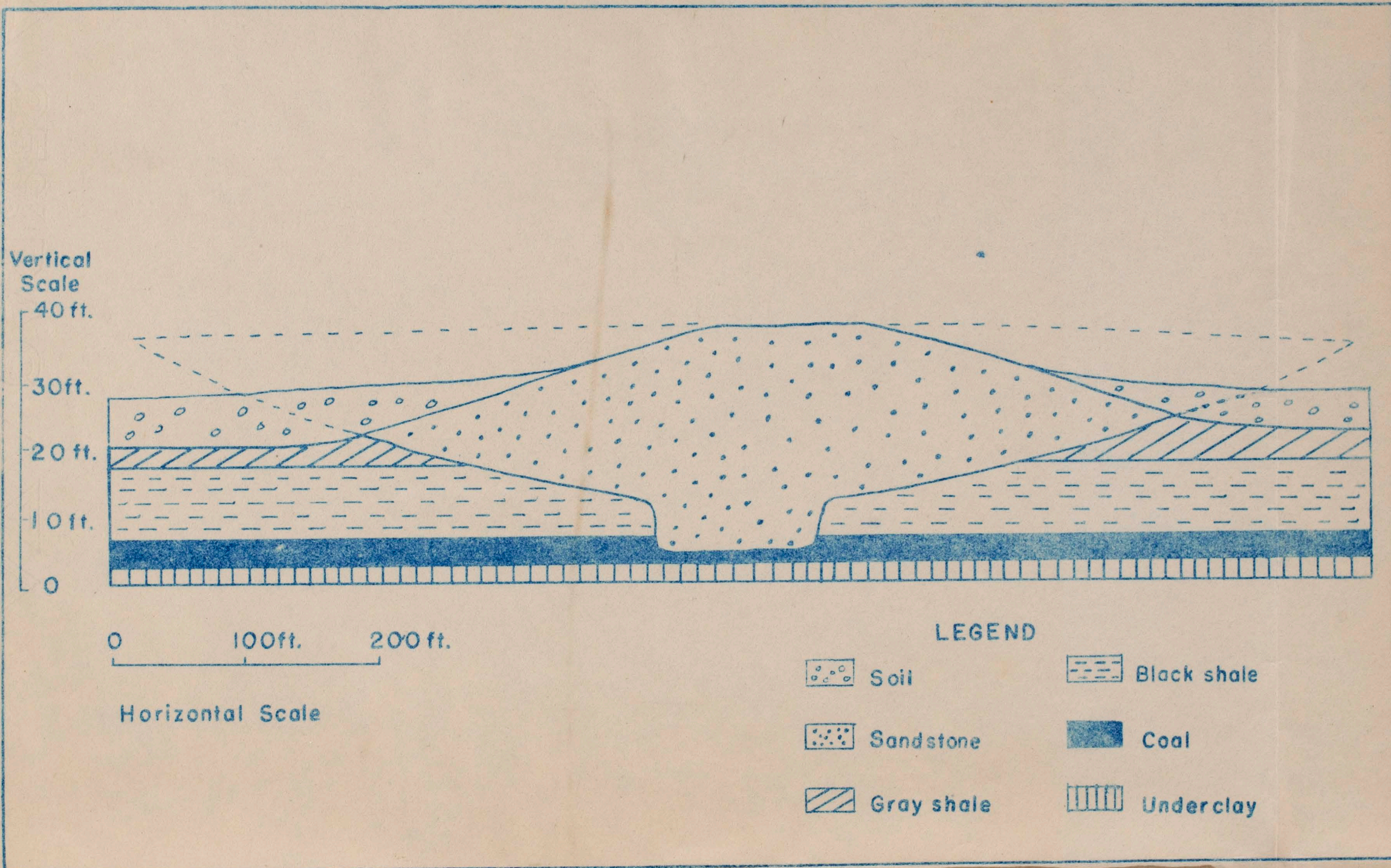
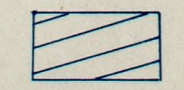


Fig. 14.--Cross-section of a typical channel sand.

h/4



  
Fault Area

0 100 200 300 400 500 FEET  
SCALE

T.29S., R.25E. Crawford County Kansas

Fig. 15.--Map showing typical form of "fault" areas.

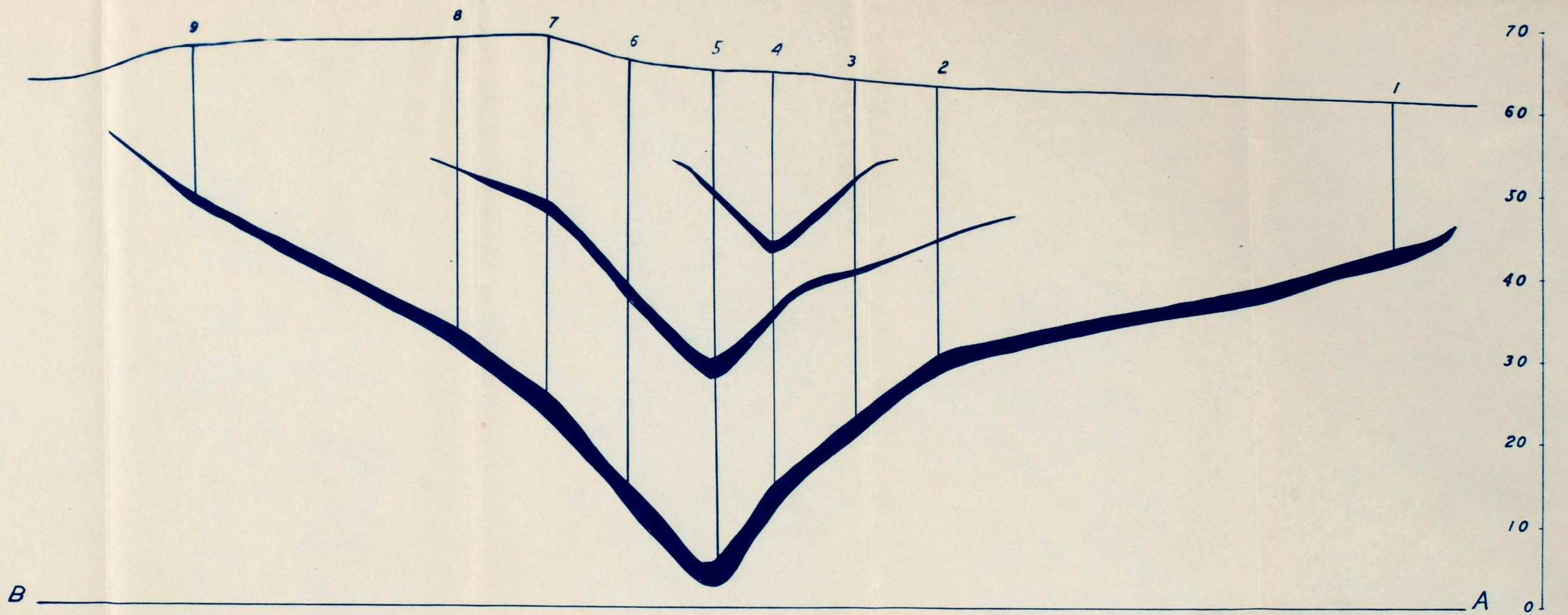
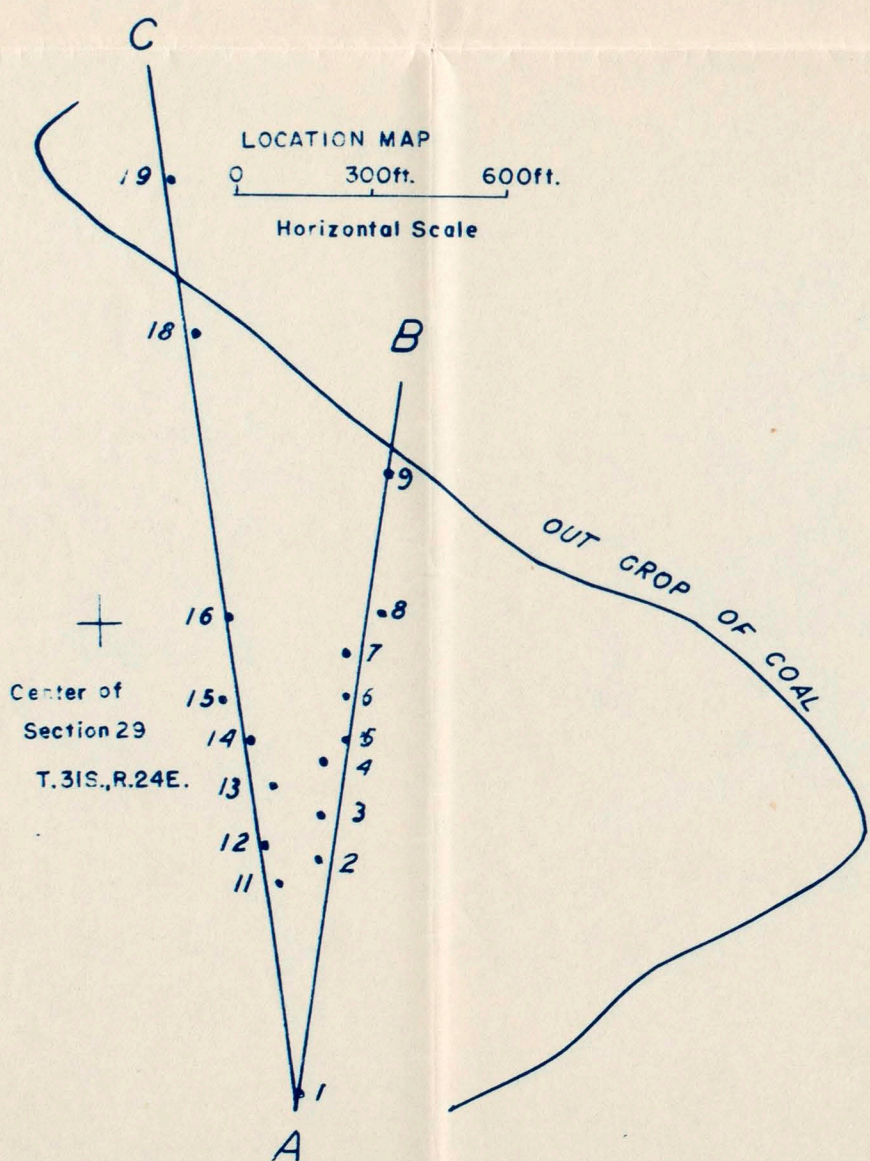
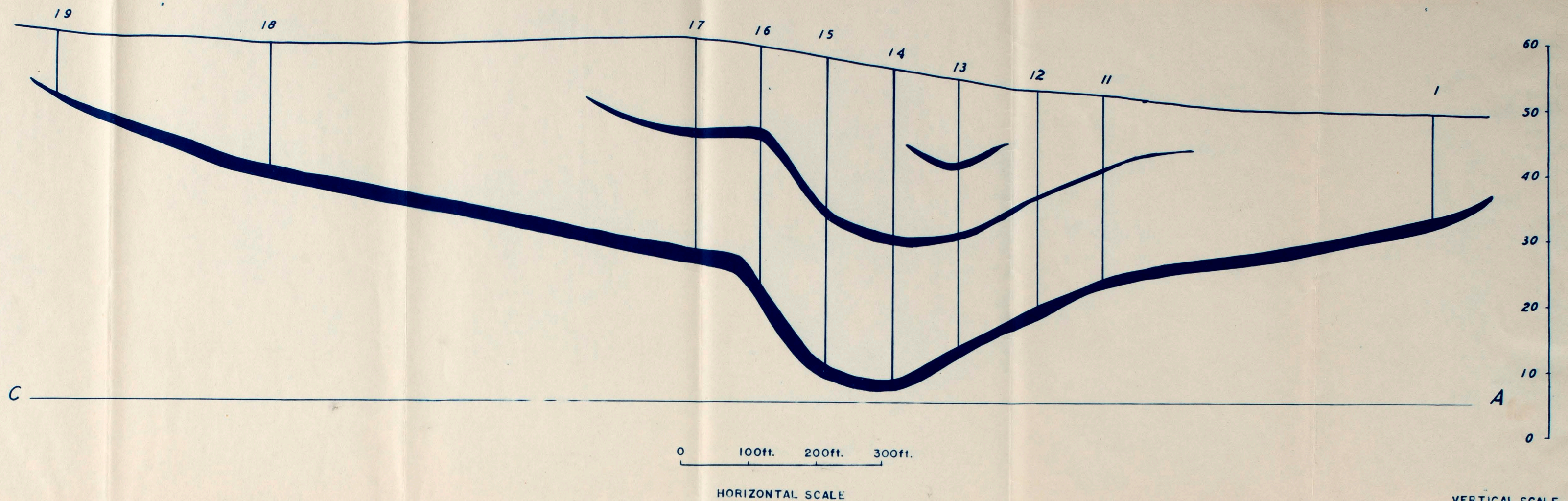
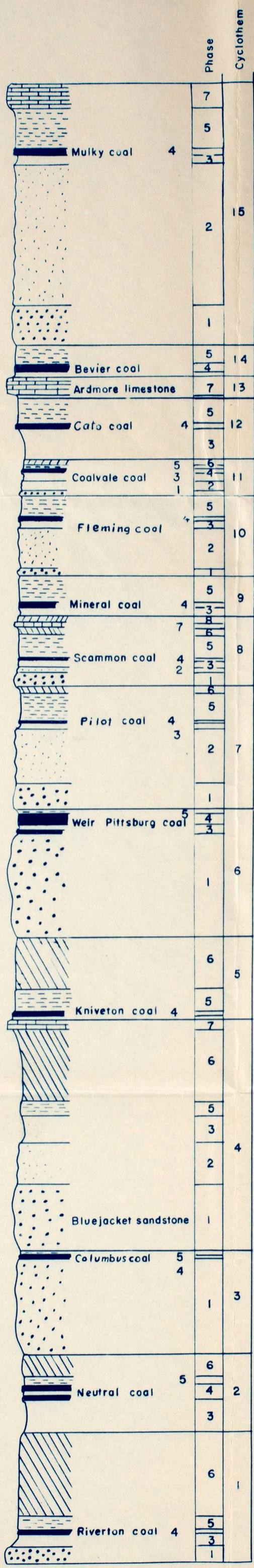
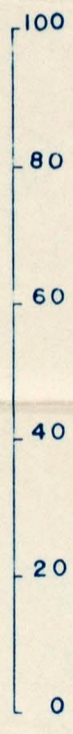


Fig. 16.--Two cross-sections in Cherokee County, showing steep dip of coal beds.



VERTICAL SCALE  
IN FEET



LEGEND

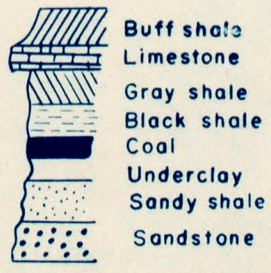


Fig. 17.--Typical section of the 15 cyclothem recognized in the Cherokee.