

**EXPLANATION**

**Recent**

Qal Alluvium (Principally alluvial deposits)

**Lower Cretaceous**

Kp Pike gravel member of the Arkala formation (Alluvial gravels of lower and middle Arkala)

**UNCONFORMITY**

Ca Arkala formation (Disconformably graded Arkala sandstone and shale)

**Permian**

Cj Zackfork sandstone (Sandstone with subordinate shale and coniferous)

**CARBONIFEROUS**

S Stanley shale, with (or) Ridge sandstone member, top (Ordnian stage, the shale and sandstone with subordinate sandstone and other sandstone members)

--- Fault (Dashed line indicates probably faulted; solid line, reverse or unknown)

--- Thrust fault (Oblique meridian side)

--- Strike and dip of beds

--- Strike of beds (Dip not determined)

--- Strike of vertical beds

--- Outcrops of individual beds

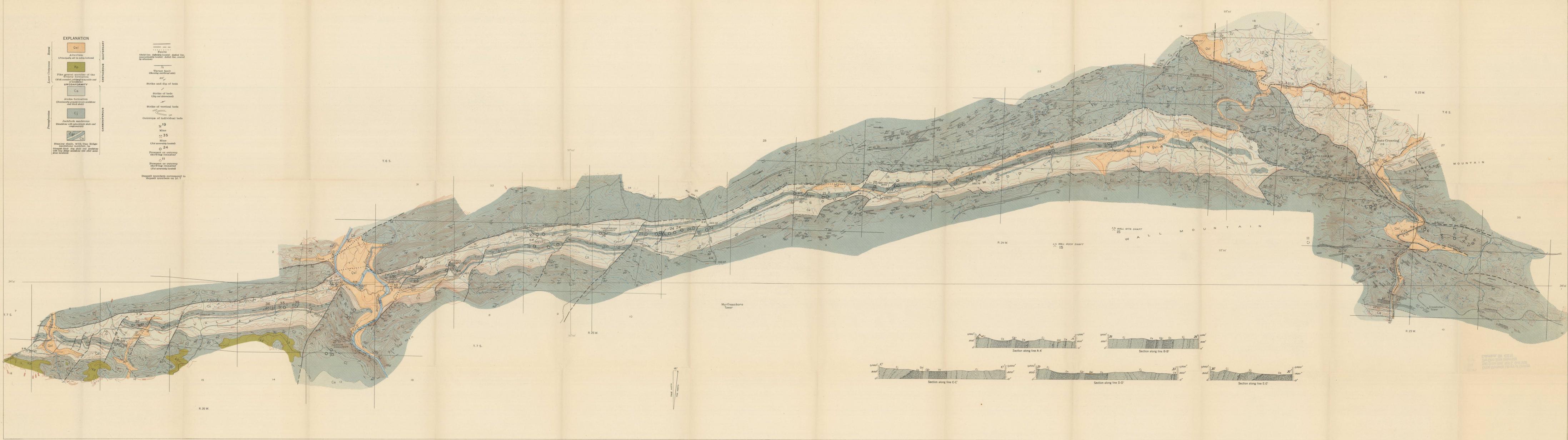
19 Mine

35 Mine

24 Mine (Not necessarily faulted)

11 Prospect or outcrop (Not necessarily faulted)

Deposits numbers correspond to deposit numbers on p. 7



Topography by J. C. Reed, F. G. Wells, J. M. Hansell, R. C. Becker, W. M. Plaster, and Paul Shaw. Surveyed in 1934-35.

Section lines are approximately located. Many of the lines have never been run on the ground, and many of those that are marked on the ground were run by pace and compass methods. The lines on the map have been made to correspond as nearly as possible with the actual location of the lines that are marked on the ground.

Latitude and longitude lines are approximately located.

**GEOLOGIC AND TOPOGRAPHIC MAP OF THE SOUTHWESTERN ARKANSAS QUICKSILVER DISTRICT, WITH STRUCTURE SECTIONS**



Geology by J. C. Reed, F. G. Wells, J. M. Hansell, R. C. Becker, W. M. Plaster, and Paul Shaw. Surveyed in 1934-35.