

EXPLANATION

Coal-bearing interval—Thickness in feet and inches; thickness and composition shown from left to right in descending order: c, coal; cl, clay; sh, shale; ss, sandstone; s, siltstone; l, limestone.

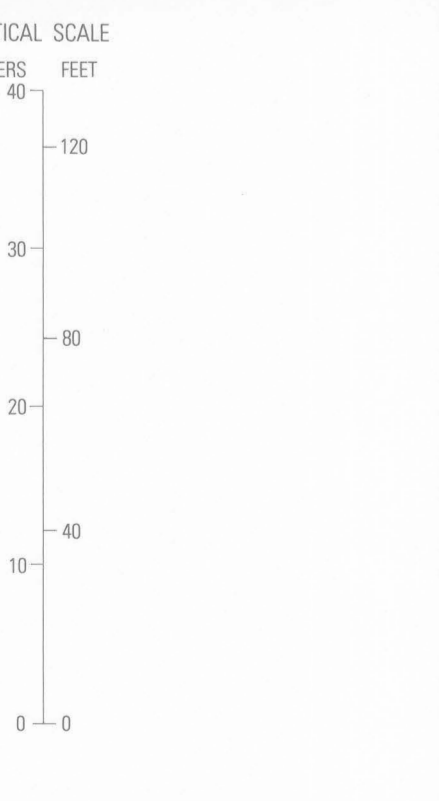
Sulphur Canyon Sandstone Member of the Neslen Formation—Where seen above with irregular line, thickness of member not measured. Where not tied to top of the Segs Sandstone, coal sections correlated on top of the Sulphur Canyon Sandstone Member and placed at same elevation as top of member in nearest section in which member was measured from top of the Segs Sandstone. In some sections other sandstone units or coal zones used for correlation purposes.

Measured section—Profile indicates source of data: D, Drelling and Graham (1972); F, Fisher (1956); and GBC, this study. Wavy line at base of measured coal section indicates no description or measurement made from top of Segs Sandstone to stratigraphic position indicated. Dashed vertical lines indicate interval measured but not described. Dashed horizontal lines indicate inferred projection of coal zone into section. Datum is top of Segs Sandstone.

USGS/CBRC 3 Drill hole—USGS/CBRC 3 drilled for coal quality data; other drill holes drilled for natural gas. Wavy line at top of drill hole indicates higher noncoal-bearing section not shown. Datum is the top of Segs Sandstone.

Correlation lines—Dashed where inferred.

Note: To convert feet to meters multiply by 0.3048 to convert inches to centimeters multiply by 2.54. Description of lithologic section and coal zones in this investigation follows the National Coal Resource Data System.



MAP AND CROSS SECTIONS OF COAL ZONES IN THE UPPER CRETACEOUS NESLEN FORMATION, NORTH-CENTRAL PART OF THE WESTWATER 30' x 60' QUADRANGLE, GRAND AND UTAH COUNTIES, UTAH

By
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