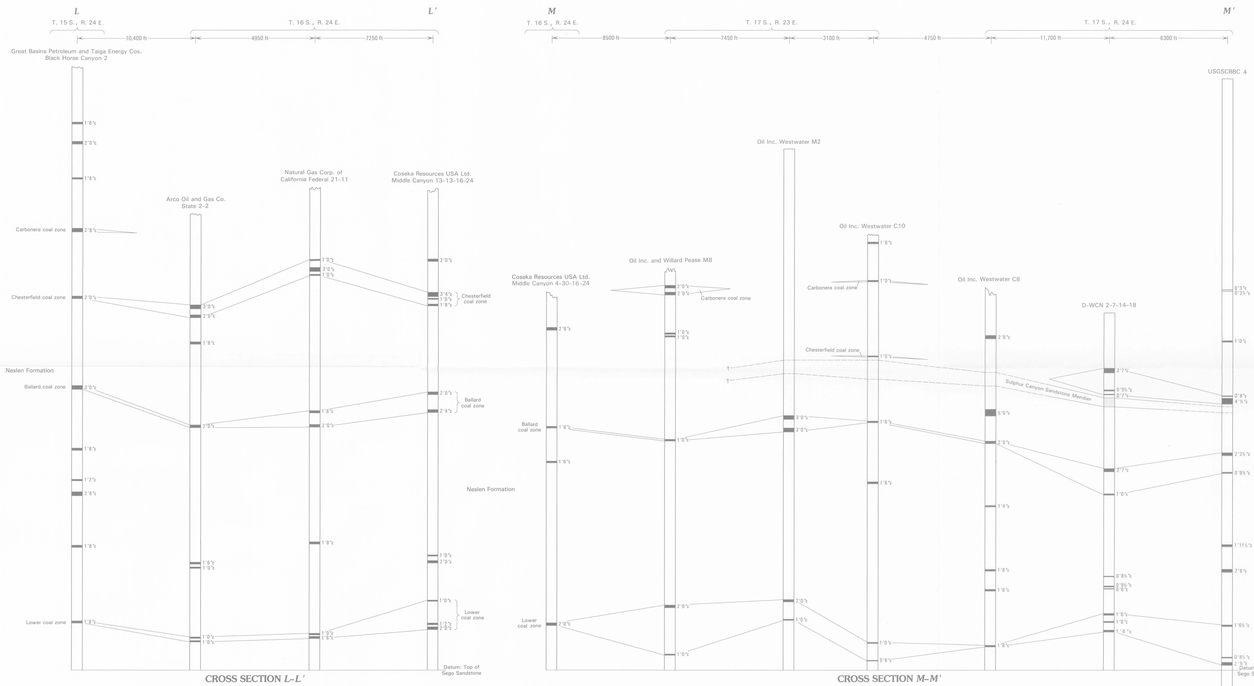


EXPLANATION

Coal-bearing interval—Thickness in feet and inches; thickness and composition shown from left to right in decending order; c, coal; cl, clinker; ic, impure coal; sh, shale; ss, sandstone; st, siltstone; t, tonstein. Numbers following description of coal-bearing interval in drill holes USGSCBBC 3 and USGSCBBC 4 (*N–N′*) refer to analytical data in tables 1–5

Sulphur Canyon Sandstone Member of the Neslen Formation—Where base shown with irregular line, thickness of member not measured. Where not tied to top of the Sego 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 Sego Sandstone. In some sections other sandstone units or coal zone used for correlation purposes

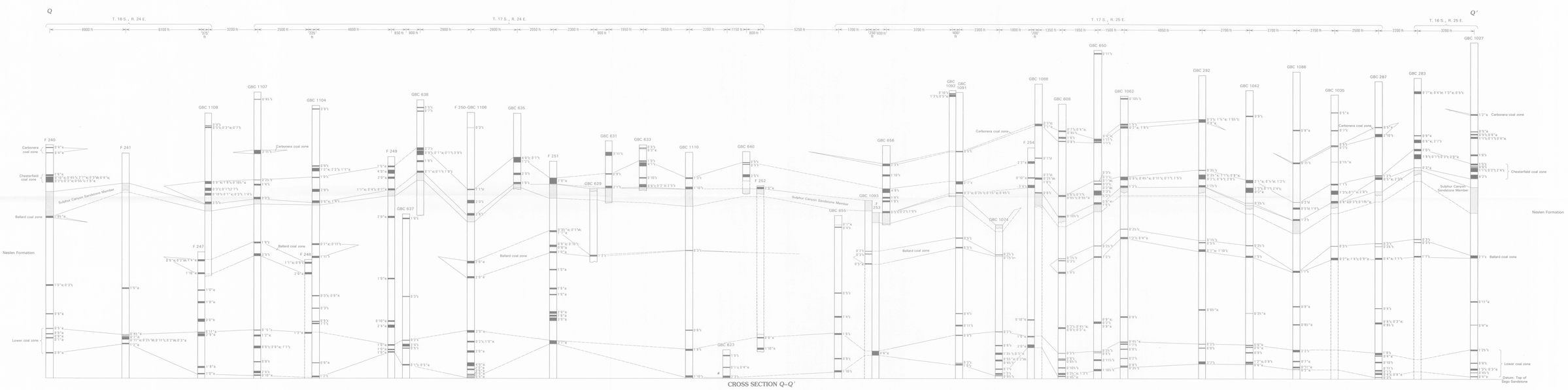
GBC 1110 **Measured section**—Prefix indicates source of data: D, Doelling and Granham (1972), F, Fisher (1936) and GBC, this study. Sections GBC 292, GBC 608, GBC 1042, GBC 1062, GBC 1086, and GBC 1094 are composite sections. Wavy line at base of measured coal section indicates no description or measurement made from top of Sego 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 Sego Sandstone

USGSCBBC 3 **Drill hole**—USGSCBBC 3 and USGSCBBC 4 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 Sego 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 lithologies associated with coal zones or beds in measured sections and drill holes are entered into the National Coal Resources Data System.

VERTICAL SCALE
METERS 40 30 20 10 0
FEET 120 80 40 0



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

By
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