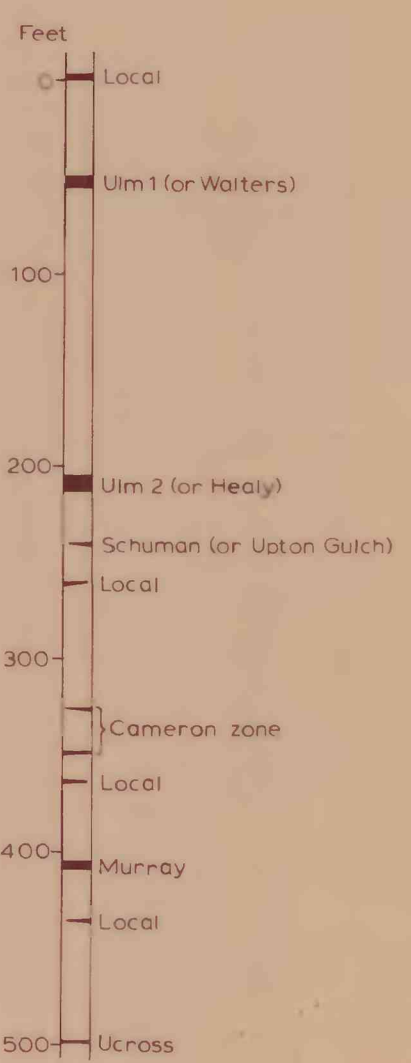


MAP EXPLANATION

- QUATERNARY
- Qu ALLUVIUM AND STREAM TERRACE DEPOSITS, UNDIVIDED (HOLOCENE)--Unconsolidated silt, sand, and gravel on the valley floors of Clear and Piney Creeks and some of their large tributaries
 - Qt STREAM TERRACE DEPOSITS (PLEISTOCENE)--Unconsolidated silt, sand, and gravel on stream-cut surfaces about 140 feet (45 m) above the level of Piney and Clear Creeks
 - Tw WASATCH FORMATION (EOCENE)--Generally nonresistant friable light-gray to light yellowish gray very fine grained sandstone and siltstone, medium-gray shale and silty shale, local thin beds of light gray limestone and yellowish gray shaly limestone containing abundant shells of nonmarine mollusks, brown carbonaceous shale, and coal.
- TERTIARY
- Contact
 - U1-U2 Outcrop of coal bed or coal zone--Drawn on the base of the bed or zone. Dashed where approximately located; dotted where concealed. Number identifies locality of coal section measured at triangle. Letter and number designate the name of the coal bed or zone as follows: U1, U1m 1; U2, U1m 2; S, Schuman; C, Cameron; M, Murray; Ue, Ucross; L, local. Outcrops of coal beds in T. 53 N., R's 80-81 W. modified from Mapel (1959)
 - Outcrop of burned coal bed--Dotted line shows approximate limit of rocks at the surface altered to clinker from the heat of burning
 - Well drilled for oil and gas--Company and farm shown beside the well on the map
- Reference cited: Mapel, W. J., 1959, Geology and coal resources of the Buffalo--Lake De Smet area, Johnson and Sheridan Counties, Wyoming: U.S. Geological Survey Bull. 1078, 148 p.



Coal bed names in parentheses are the names used in this or adjacent areas in other reports

1 foot equals 0.305 meters

Generalized section showing relations of outcropping coal beds

Base from U.S. Geological Survey, 1970

SCALE 1:24,000

Geology mapped in 1950 and 1974

Geologic map

QUADRANGLE LOCATION

GEOLOGIC MAP AND COAL SECTIONS OF THE NORTHERN PART OF THE UCROSS QUADRANGLE,
SHERIDAN COUNTY, WYOMING

By
W. J. Mapel
1978