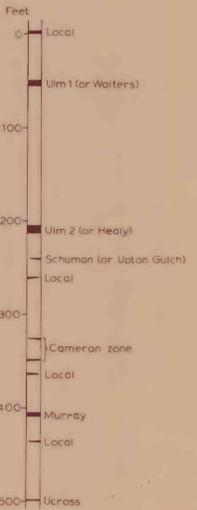


MAP EXPLANATION

- 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, U2m 2; S, Schuman; C, Cameron; M, Murray; Ue, Ucross; L, local. Outcroppings 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



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

By  
**W. J. Mapel**  
1978