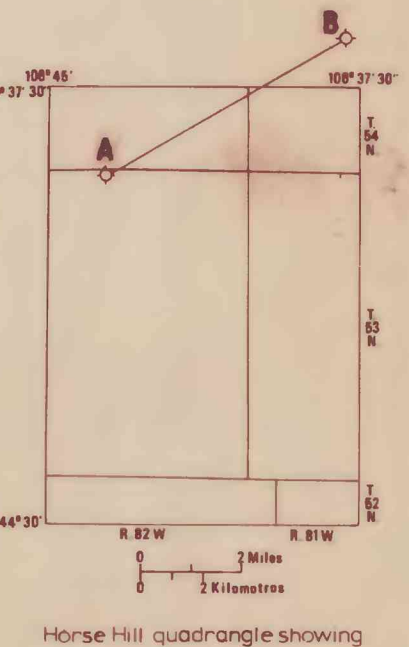
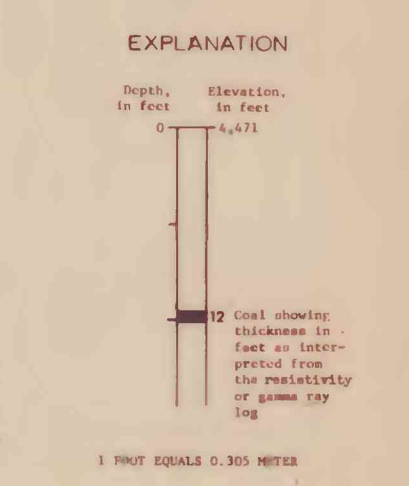
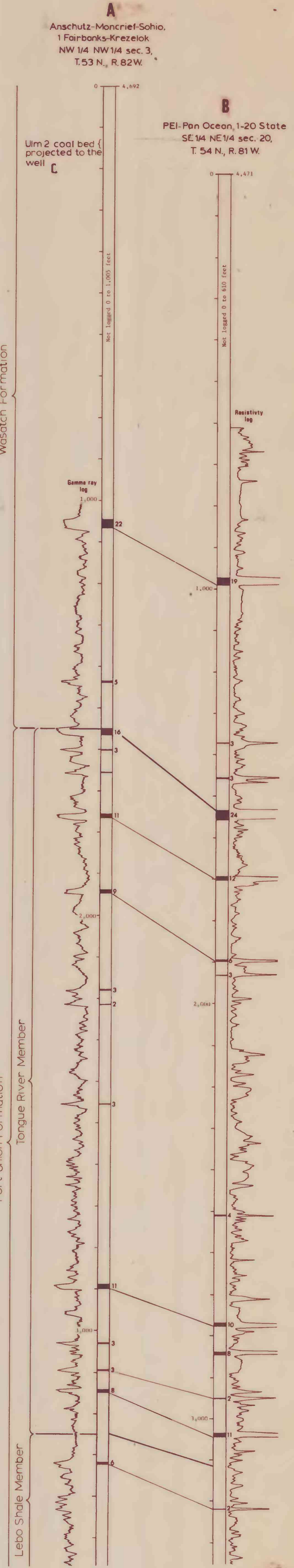
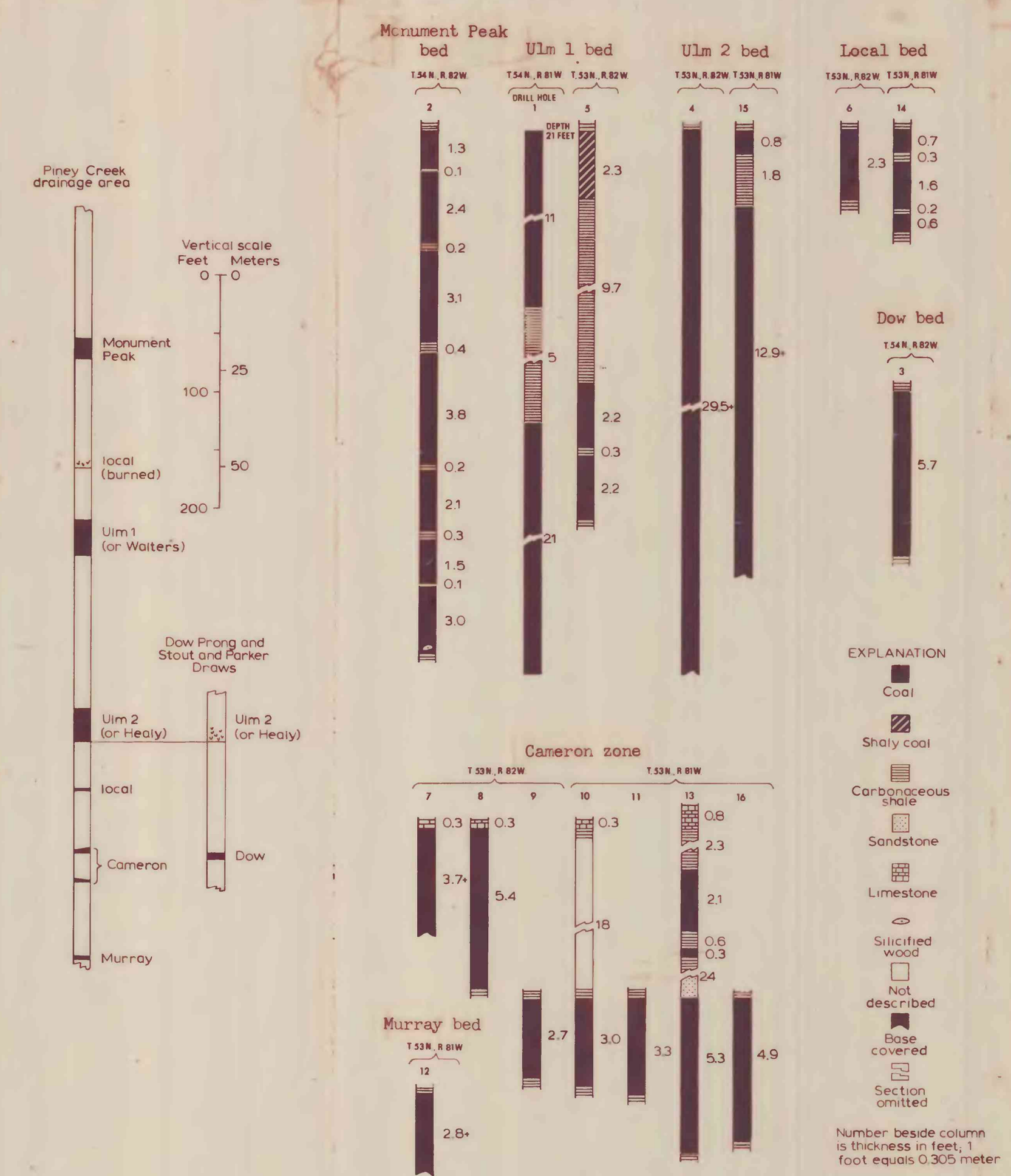


- MAP EXPLANATION**
- QUATERNARY**
 - Qu ALLUVIUM AND STREAM TERRACE DEPOSITS, UNDIVIDED (HOLOCENE)—Unconsolidated silt, sand, and gravel on the valley floor of Piney Creek
 - Ql LANDSLIDE MATERIAL (HOLOCENE)—Slumped masses of sandstone, shale, and clinker of the Wasatch Formation
 - Qt STREAM TERRACE DEPOSITS (PLEISTOCENE)—Unconsolidated silt, sand, and gravel on stream-cut benches about 140 feet (45 m) above the level of Piney Creek
 - TERTIARY**
 - Tw WASATCH FORMATION (EOCENE)—Generally nonresistant 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 consisting mostly of the shells of nonmarine mollusks, brown carbonaceous shale, and coal
 - CONTACT**
 - U2-15 OUTCROP OF COAL BED OR COAL ZONE—Drawn on the base of the bed or zone. Approximately located except in the vicinity of a measured coal section; dotted where concealed. Number identifies coal section measured at triangle. Letters and number designate the name of the coal bed or zone as follows: MP, Monument Peak; U1, Ulm 1; U2, Ulm 2; C, Cameron; D, Dow; M, Murray; and L, local. Coal sections in T. 53 N., R. 81-82 W. are from Mapel (1959)
 - OUTCROP OF BURNED COAL BED OR ZONE—Dotted line approximately outlines the rocks altered to clinker by the heat of burning of the coal
 - 10 SHALLOW DRILL HOLE—Number identifies the locality. Coal thickness in the drill hole is from a U. S. Geological Survey gamma ray log; total depth of the hole is 67 feet (20 m); SW 1/4 sec. 29, T. 54 N., R. 81 W.
 - A WELL DRILLED FOR OIL AND GAS—Anschutz-Moncrief-Schio, 1 Fairbanks-Krezelok; NW 1/4 sec. 3, T. 53 N., R. 82 W.; total depth 11,604 feet (3,537 m)
 - X ABANDONED COAL MINE

REFERENCE CITED: Mapel, W. J., 1959, Geology and coal resources of the Buffalo-Lake De Smet area, Johnson and Sheridan Counties, Wyoming: U. S. Geol. Survey Bull. 1078, 148 p.



GEOLOGIC MAP AND COAL SECTIONS OF THE NORTHERN PART OF THE HORSE HILL QUADRANGLE, SHERIDAN COUNTY, WYOMING
By **W. J. Mapel**
1978

COAL SECTIONS