

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

SEE PLATE 1B FOR DRILL HOLE DATA.

EXPLANATION

LINE OF COMPOSITE SECTION—Showing index number of section shown on plate 3 of CRO map. Composite section is based on nearby coal bed thickness measurements.

- ② GL 3811
- NR 324
- R 415
- C 37 (M)
- R 4
- C 19 (M)
- R 277
- C 13 (G)
- R 208
- C 12 (B)
- R 10

OIL AND GAS TEST HOLE—Showing index number of hole shown on plate 3 of CRO map and drill-hole data, in feet.

- ① GL 3936
- R 83
- C 17 (S)
- R 1
- TD 101

COAL TEST HOLE—Showing index number of hole shown on plate 3 of CRO map, and drill-hole data, in feet.

- GL—Ground elevation
- NR—No record
- R—Rock interval
- C—Coal interval
- R?—Rock, occurrence of coal undeterminable
- TD—Total depth

DRILL-HOLE DATA SYMBOLS

- An—Anderson
- D—Dietz
- L—Local
- Cy—Canyon
- Ck₁—Upper Cook
- Ck₂—Lower Cook (of Bryson and Bass, Cook of McKay)
- El—Elk (of Bryson and Bass, Otter of McKay)
- Du—Dunning
- O—Odell
- Ki—King
- Kn—Knobloch
- N—Nance
- F-G₁—Upper Flowers-Goodale
- F-G₂—Lower Flowers-Goodale
- Br—Broadus

COAL BED SYMBOLS AND NAMES



TRACE OF COAL BED OUTCROP—Dashed where approximately located; short dashed where inferred. Showing thickness of coal, in feet, measured at triangle. Where a thickness fraction is shown, it indicates the net coal thickness (upper number) and net partings thickness (lower number). Letters designate the name of the coal bed as listed above. Arrows point toward coal-bearing area. Trace of coal outcrop has been modified from Bryson and Bass (1973, pl. 1), Matson and Blumer (1973, pls. 10 A, B, C) to fit modern topographic map.

BURNED AND CLINKERED COAL BED—Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

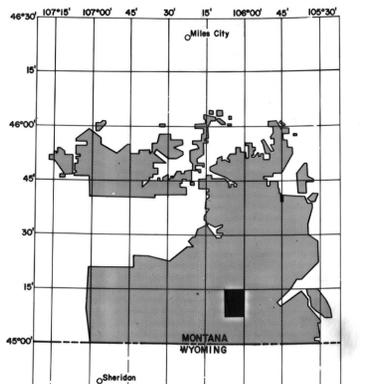
FAULT—Dashed where approximately located. U, up-thrown side; D, downthrown side.

TUBBS MINE 66+
COAL MINE—Showing mine name and thickness of coal bed, in feet.

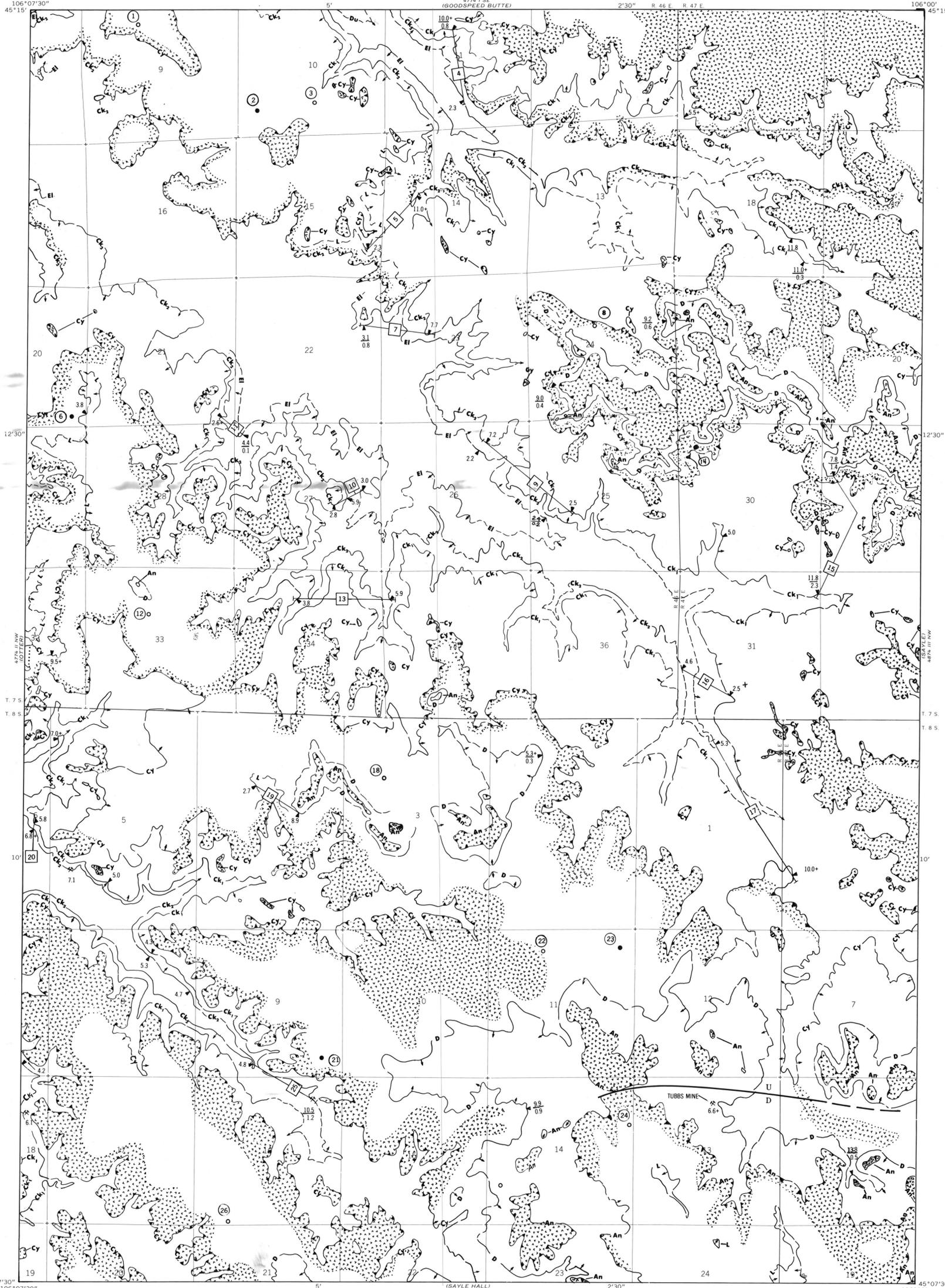
To convert feet to meters, multiply feet by 0.3048.

REFERENCES FOR NONINDEXED DATA POINTS

BRYSON, R.P., and BASS, N.W., 1973. Geology of Moorhead coal field, Powder River, Big Horn, and Rosebud Counties, Montana: U.S. Geol. Survey Bull. 1338, 116 p.

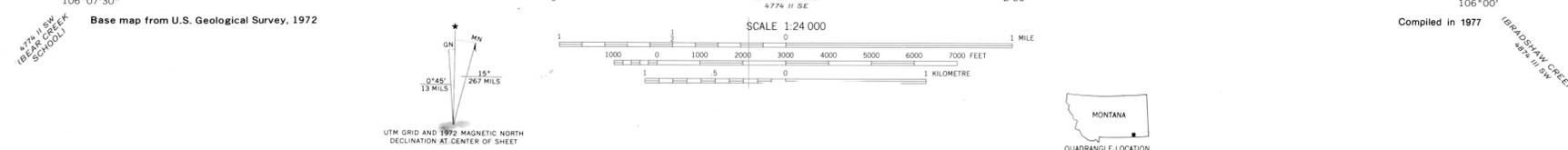


INDEX MAP—Showing location of the Reanus Cone quadrangle and the Northern Powder River Basin Known Recoverable Coal Resource Area (stippled), Montana.



Base map from U.S. Geological Survey, 1972

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE REANUS CONE QUADRANGLE,
POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979