

OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or Stratigraphic nomenclature

OPEN FILE REPORT 79-104
PLATE 1 OF 53

EXPLANATION

②
GL 3259
R 46
C 2(Kg)
R 95
C 2(HK)
R 5
TD 170

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

①
GL 4131
NR 325
R 7
C 4(Ucy)

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

GL - Ground-level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

DRILL-HOLE DATA SYMBOLS

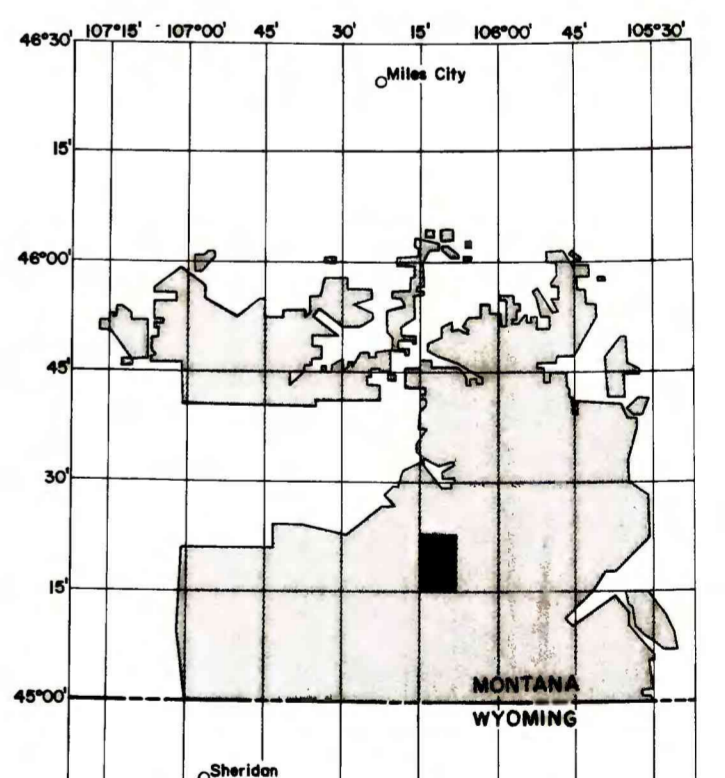
- An - Anderson
- D - Dietz
- LD - Local below Dietz
- UCy - Upper Canyon
- LCy - Lower Canyon
- Co - Cook
- Or - Otter
- FJ - Paker-Jim
- BA - Brewster-Arnold
- Kg - King
- K - Knoblock
- N - Nance
- FG - Flowers-Goodale
- T - Terret
- LT - Local below Terret
- KE - Kendrick

COAL BED SYMBOLS AND NAMES

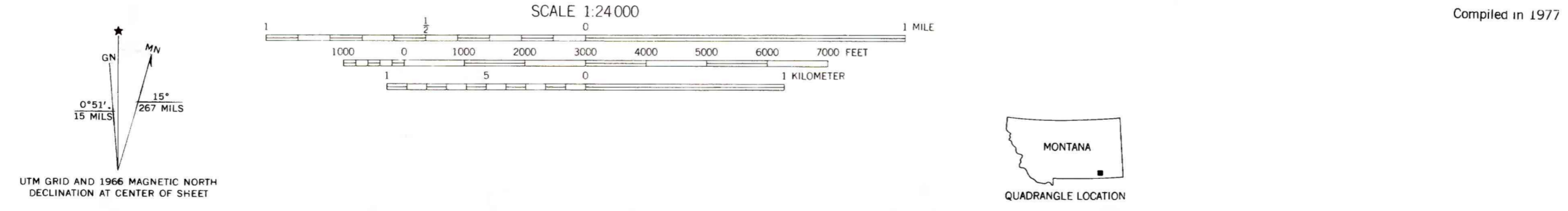
↑ 27 Co ↑
TRACE OF COAL BED OUTCROP--
Showing thickness of coal in feet, measured at triangle. Letters identify the name of the coal bed as listed above. Arrows point toward the coal-bearing area. Plus (+) sign after number indicates incomplete measurement.

CLINKER--Showing rock that is baked and fused by the heat from the underlying coal bed (v symbol). Solid line is the base of the clinker. Dotted line is the inferred surface trace of burning.

To convert feet to meters, multiply feet by 0.3.



MAP SHOWING LOCATION OF THE FORT HOWES QUADRANGLE (RULED) AND THE NORTHERN POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA, (SHADED) MONTANA



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS
OF THE FORT HOWES QUADRANGLE, ROSEBUD AND POWDER RIVER COUNTIES, MONTANA
BY
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PLATE 1
COAL DATA MAP