

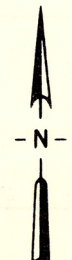
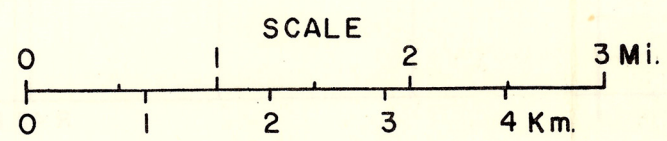
PLATE 5

PIEZOMETRIC SURFACE AND GROUND-WATER FLOW PATTERNS FOR THE ROSEBUD COAL AQUIFER NEAR COLSTRIP, SOUTHEASTERN MONTANA

December 1976
Montana Bureau of Mines and Geology

EXPLANATION

- Mined areas.
- Outcrop of Rosebud coal bed.
- Area where Rosebud coal has burned.
- Fault, dashed where inferred.
- Line of equal hydrostatic pressure expressed as feet of water. Interval is 50 feet, datum is mean sea level.
- Area where Rosebud coal is dry.
- Data point, observation well.
- Data point, cased water well.
- Data point, uncased test hole.
- Data point, spring.
- Data point, water surface adjacent to mined coal.
- Direction of lateral ground-water flow.



Geology by Northern Pacific Railway Company, V.W. Carmichael, 1964. Sec. and twp. grid from 1" = 1 mile scale Mont. Hwy. Dept. county maps (1962). Geologic interpretation, drainage, and culture from 1957 SCS 1:20,000 scale aerial photography