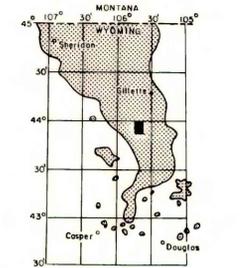


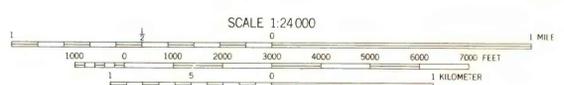
- EXPLANATION**
- 8 —  
— 6 —
  - ISOPACHS OF COAL BED—Showing thickness in feet, interval 2 feet, with intermediate 5 foot contour.
  - 4 ○ 8
  - DRILL HOLE—Showing coal thickness in feet.
  - 3.6  
— UF — ↑
  - TRACE OF COAL BED OUTCROP—Showing coal thickness in feet, measured at triangle. Arrow points toward the coal-bearing area. Coal bed dashed where inferred.
  - SL — ↑
  - STRIPPING LIMIT LINE—500 foot overburden isopach boundary for surface mining of coal. Arrow indicates area suitable for surface mining.
  - 50 —
  - MINING RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in area suitable for surface mining within the stripping limit.

To convert feet to meters multiply feet by 0.3048.

This outcrop mapping is derived and enlarged from a 1:26,720 scale publication from Wegemann and others (1928, p.1-14). Numerous irregularities in outcrop elevations and the areal geology-topographic map presents a generalized configuration of the coal bed outcrop. Horizontal accuracy of outcrop location is estimated at ± 1000 feet (305 m).



MAP SHOWING LOCATION OF THE NW¼ NORTH STAR SCHOOL 15' QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING



**COAL RESOURCE OCCURRENCE MAP OF THE NW¼ NORTH STAR SCHOOL 15' QUADRANGLE, CAMPBELL COUNTY, WYOMING**

BY  
**IntraSearch**  
1979

PLATE 4  
ISOPACH AND MINING RATIO  
MAP OF  
UPPER FELIX COAL BED

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