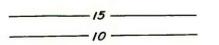


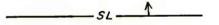
EXPLANATION



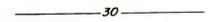
ISOPACHS OF COAL BED-Showing thickness in feet, interval 5 feet.

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DRILL HOLE-Showing coal thickness in feet.

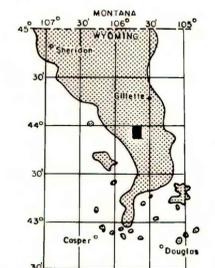


STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrow indicates area suitable for surface mining.



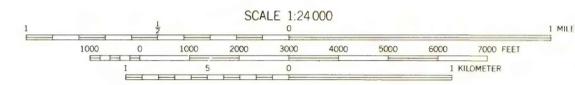
MINING RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in area suitable for surface mining within the stripping limit.

To convert feet to meters multiply feet by 0.3048.



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

Base from U.S. Geological Survey, 1959  
SCALE 1:24 000  
Compiled in 1979



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

BY  
**IntraSearch**  
1979

PLATE 14  
ISOPACH AND MINING RATIO  
MAP OF  
SMITH COAL BED

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