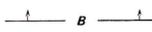


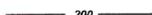
OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature

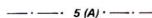
OPEN FILE REPORT 78-651

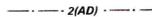
PLATE 6 OF 64

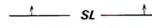
EXPLANATION

 **B**
BOUNDARY OF RESERVE BASE
COAL--Drawn along the outcrop of the coal bed or the contact between burned and unburned coal. Arrows point toward areas of Reserve Base coal.

 **200**
OVERBURDEN ISOPACH OF THE ANDERSON COAL BED--Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m).

 **5 (A)**
MINING RATIO CONTOUR OF THE ANDERSON COAL BED--Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas within the stripping limit.

 **2(AD)**
MINING RATIO CONTOUR OF THE ANDERSON AND DIETZ COAL BEDS, COMBINED--Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only within the stripping limit.

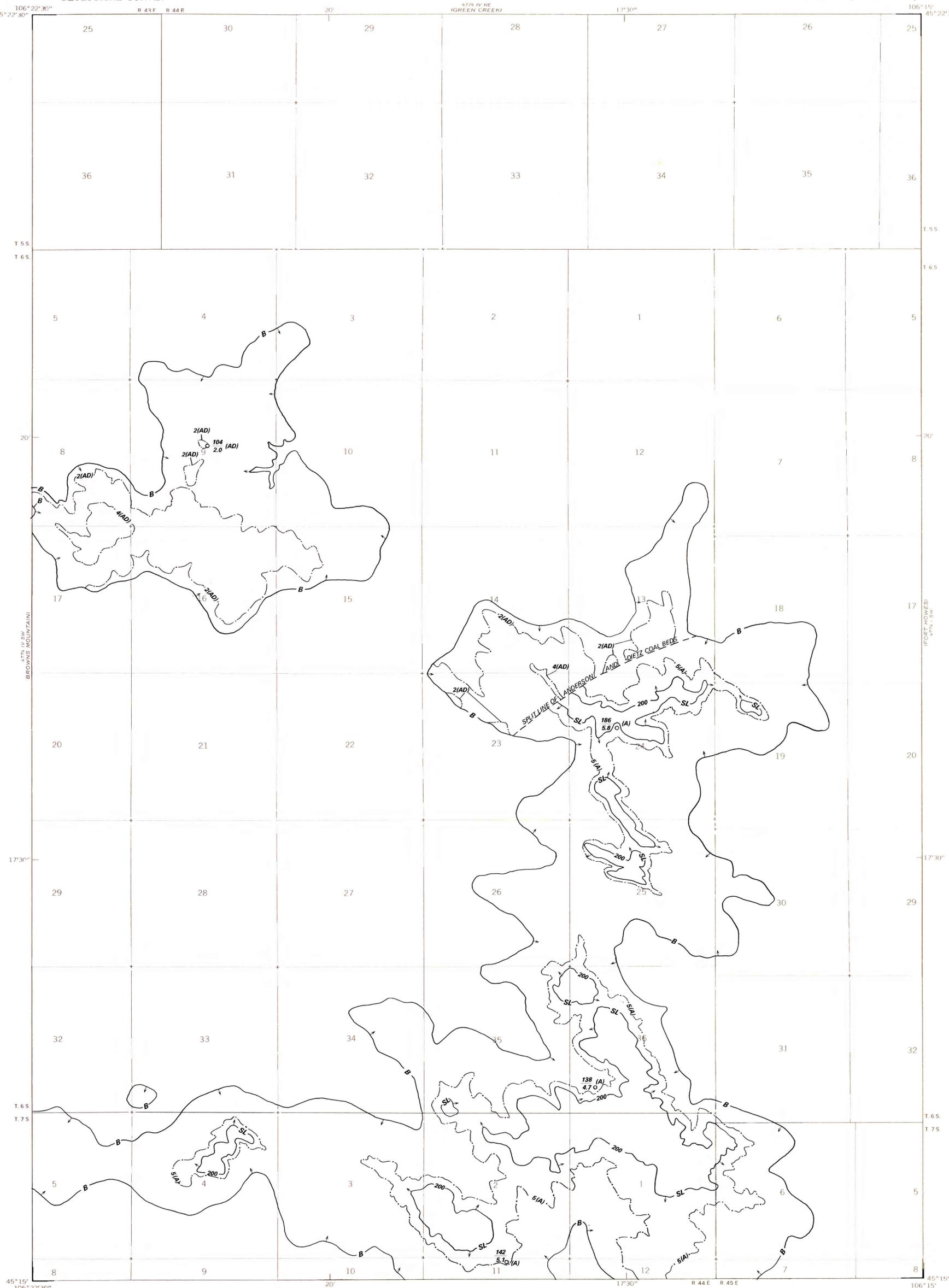
 **SL**
STRIPPING LIMIT LINE OF THE ANDERSON COAL BED--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Stripping limit for the Anderson and Dietz coal beds, combined, is 500 feet (153 m). Arrows point toward the area suitable for surface mining.

 **186**
5.8 (A)
DRILL HOLE IN THE ANDERSON COAL BED--Upper number shows thickness of overburden, in feet, from the surface to the top of the Anderson coal bed; lower number shows the mining ratio.

 **104**
2.0 (AD)
DRILL HOLE IN THE ANDERSON AND DIETZ COAL BEDS, COMBINED--Upper number shows thickness of overburden, in feet, from the surface to the top of the Anderson and Dietz coal beds, combined; lower number shows mining ratio.

To convert cubic yards of overburden per short ton of recoverable coal to cubic meters of overburden per metric ton of recoverable coal, multiply by 0.84.

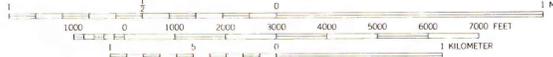
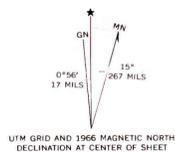
To convert feet to meters, multiply feet by 0.3.



Base from U.S. Geological Survey, 1966

SCALE 1:24,000

Compiled in 1977



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
POKER JIM BUTTE QUADRANGLE, ROSEBUD AND POWDER RIVER COUNTIES, MONTANA

BY
W. J. MAPEL, B. K. MARTIN, AND B. A. BUTLER
1978

PLATE 6
OVERBURDEN ISOPACH AND
MINING RATIO MAP OF THE
ANDERSON COAL BED AND
THE ANDERSON AND DIETZ
COAL BEDS, COMBINED