UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LONESOME PEAK QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-094
PLATE 5 OF 21

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

EXPLANATION

100

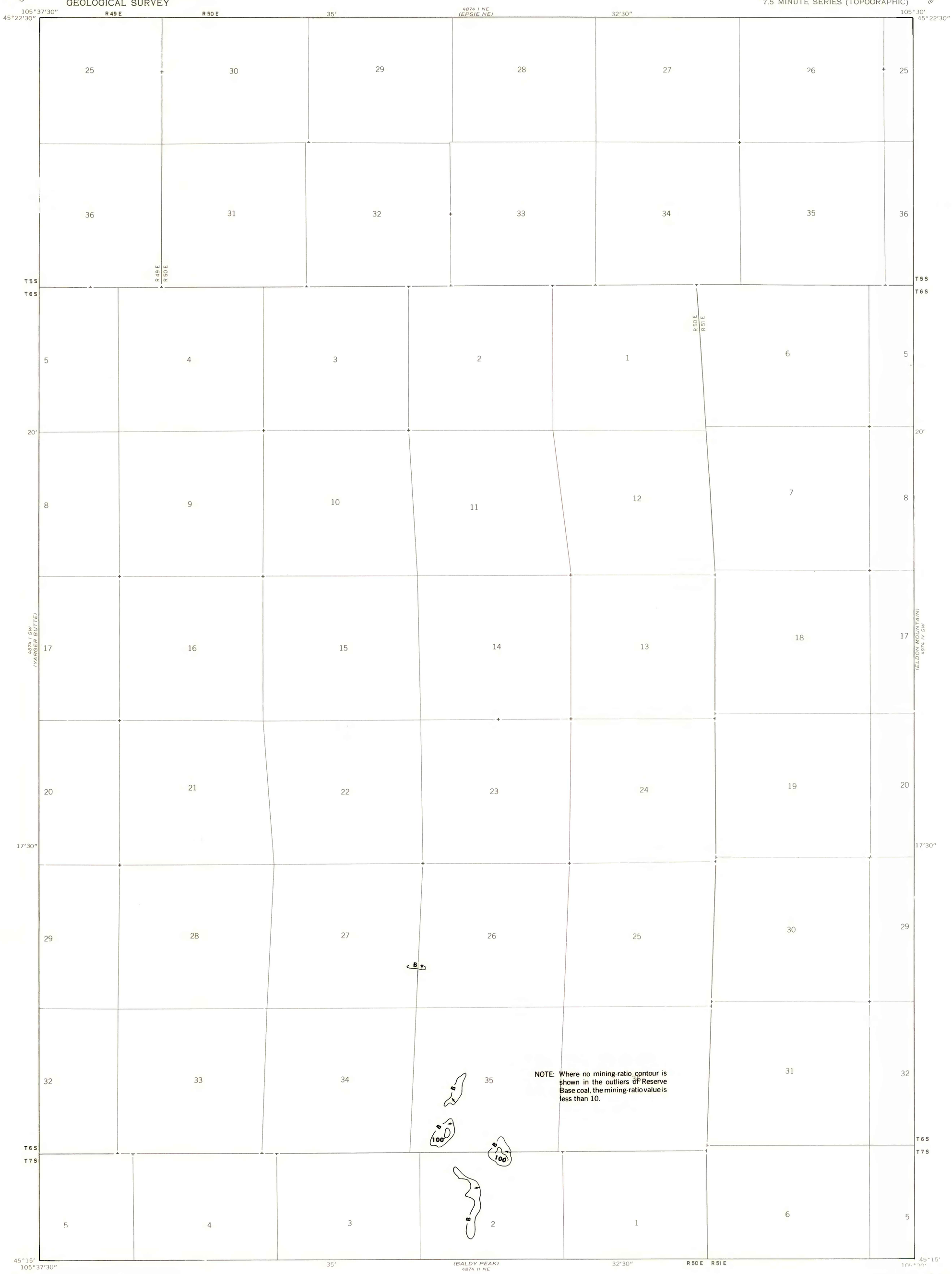
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 100 feet (30.5 m).

B

BOUNDARY OF COAL 5 FEET OR MORE THICK—Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

To convert feet to meters, multiply feet by 0.3048.

To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842.

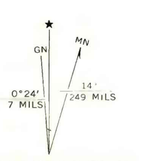


Base map from U.S. Geological Survey, 1973

Compiled in 1977

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETRE



UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE LONESOME PEAK QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 5

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE NUMBER 5 COAL BED