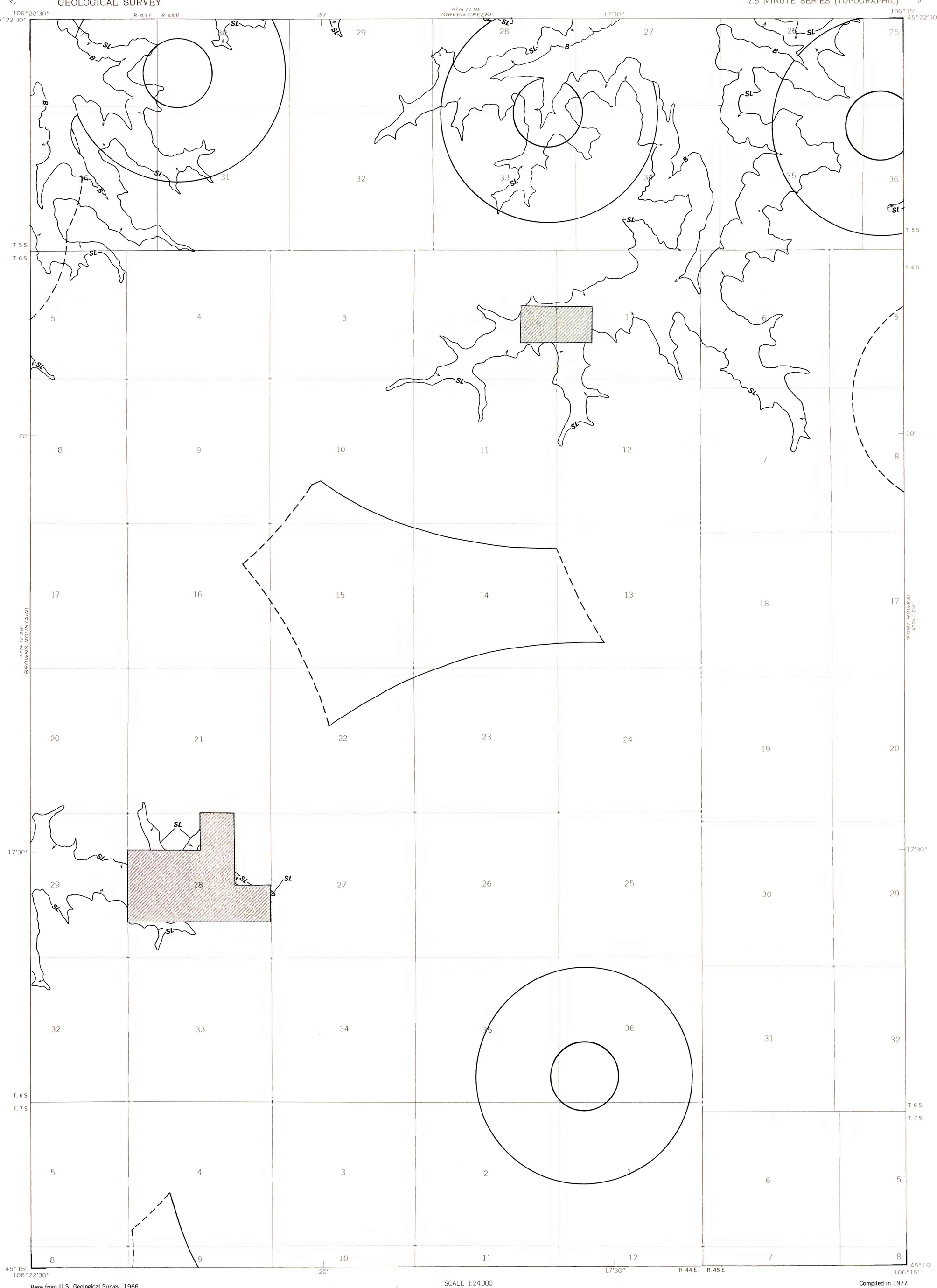
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

POKER JIM BUTTE QUADRANGLE
MONTANA
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1966

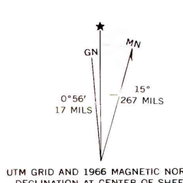
Compiled in 1977

SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER



UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

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 27 OF 64

EXPLANATION

NON-FEDERAL COAL LAND--Land for which the Federal Government does not own the coal rights.

SL

STRIPPING LIMIT LINE--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining. Recovery factor of 85 percent within that area in this quadrangle.

B

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

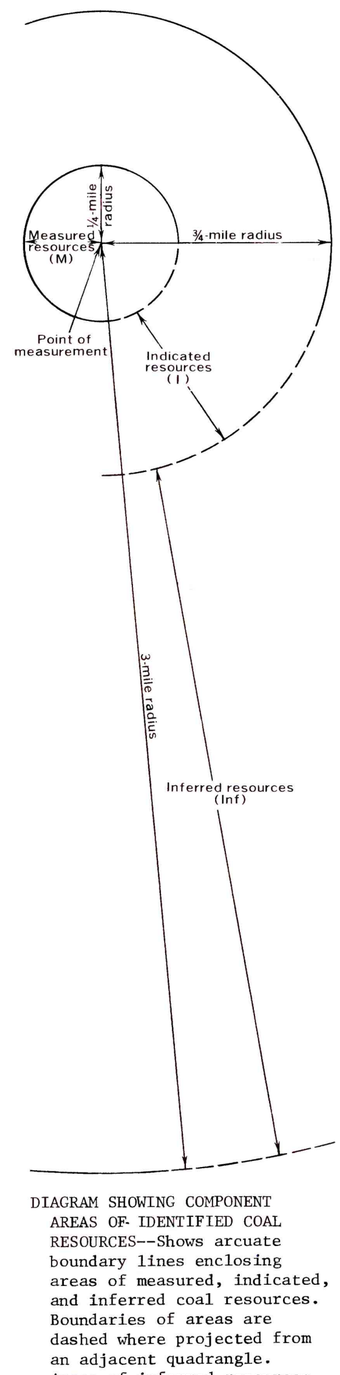


DIAGRAM SHOWING COMPONENT AREAS OF IDENTIFIED COAL RESOURCES--Shows arcuate boundary lines enclosing areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where projected from an adjacent quadrangle. Areas of inferred resources may be present on this map without their outer boundaries being shown.

To convert miles to kilometers, multiply miles by 1.6.

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 27

AREAL DISTRIBUTION OF IDENTIFIED RESOURCES OF THE COOK COAL BED