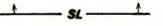


EXPLANATION



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



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.



BOUNDARY OF RESERVE BASE
COAL--Drawn along the outcrop
of coal bed or the contact
between burned and unburned
coal where the coal bed is
5 feet (1.5 m) or more thick,
and the 5-foot (1.5-m) coal
isopach. Arrows point toward
area of Reserve Base coal.

RB	R(.85)	(Measured resources)
3	2.8	(Indicated resources)
.1	.1	(Inferred resources)

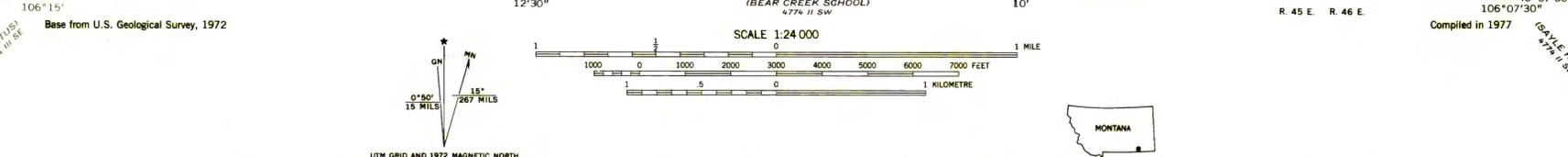
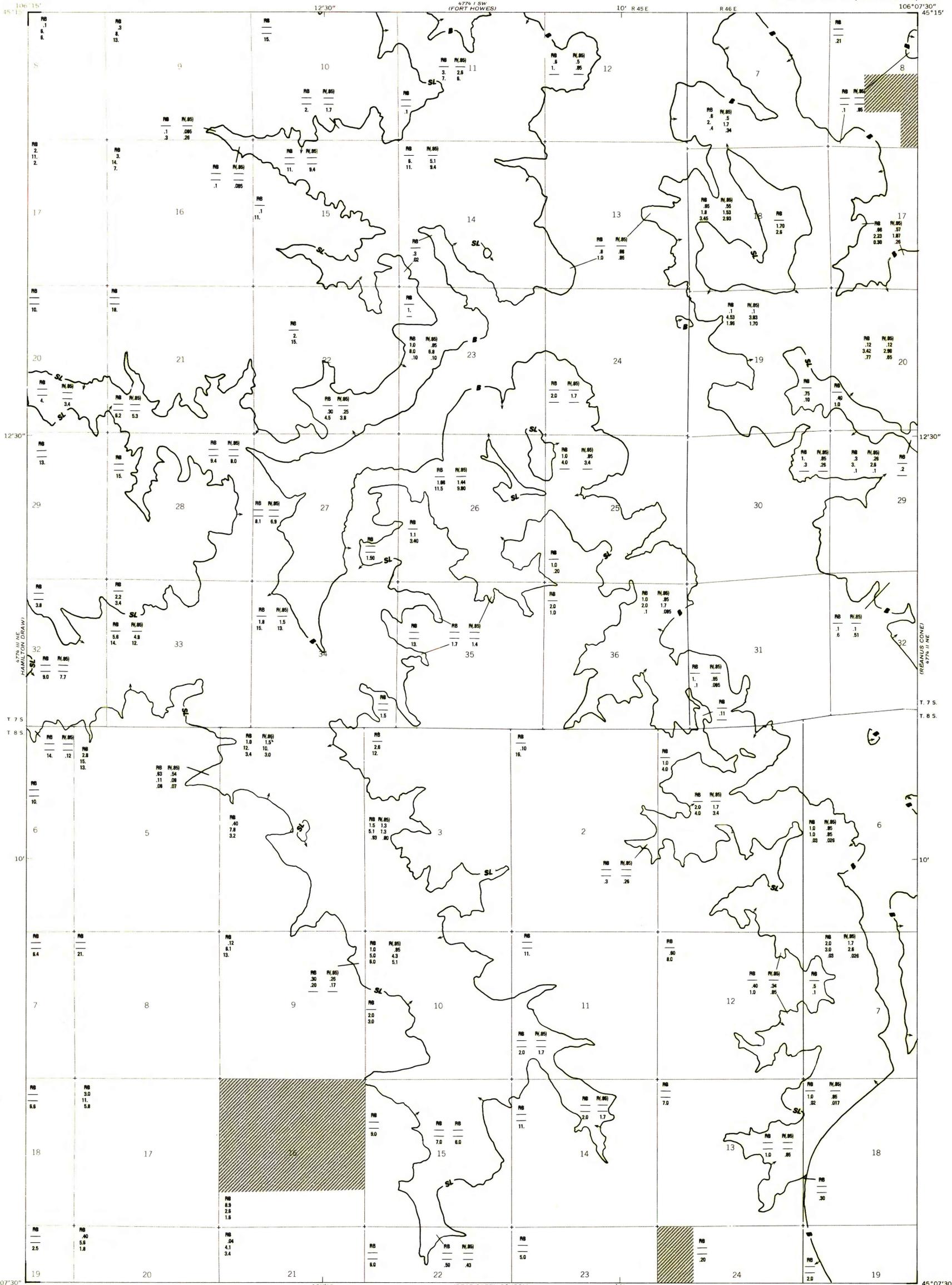
IDENTIFIED STRIPPABLE COAL
RESOURCES--Showing totals
for Reserve Base (RB) and
Reserves (R), in millions of
short tons, for each section
or part(s) of section of
Federal coal land within the
stripping-limit line. Dash
indicates no resources in
that category. Reserve Base
(RB) x the Recovery Factor
(85 percent) = Reserves (R).
Rounded to two significant
figures.

RB	(Measured resources)
.5	(Indicated resources)
.1	(Inferred resources)

IDENTIFIED NON-STRIPPABLE COAL
RESOURCES--Showing totals
for Reserve Base (RB), in
millions of short tons, for
each section or part(s) of
section of Federal coal land
outside the stripping-limit
line. Dash indicates no
resources in that category.
Rounded to two significant
figures.

Recovery factors have not been
established for underground
development of coal in this
quadrangle. Therefore,
Reserves (R) were not calcu-
lated for the coal bed in
areas outside the stripping-
limit line where the over-
burden thickness exceeds
200 feet (61 m).

To convert miles to kilometers,
multiply miles by 1.6.



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY
E. J. MCKAY AND L. N. ROBINSON
1979