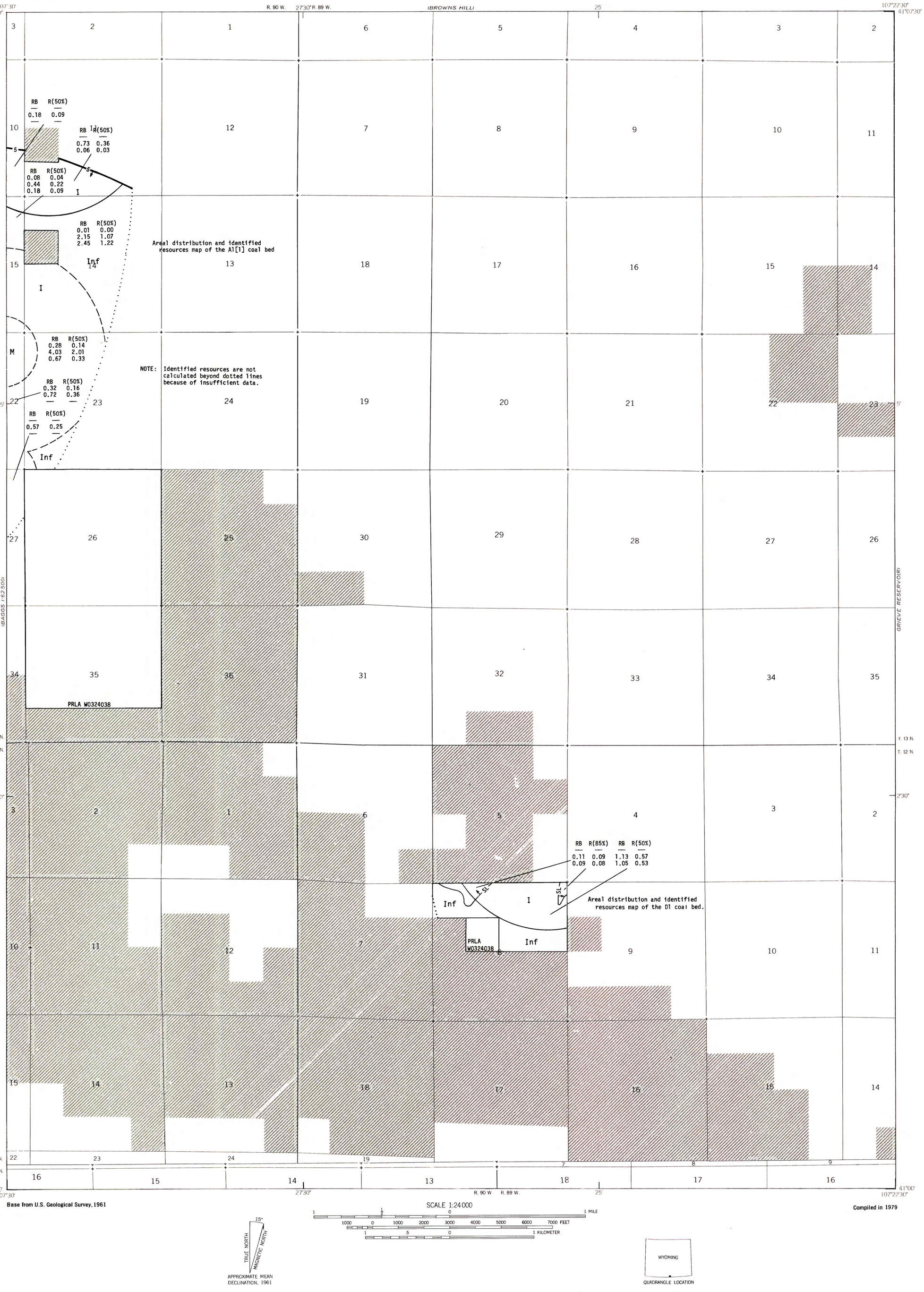
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SAVERY QUADRANGLE
WYOMING-COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-1385
PLATE 6 OF 14

(BAGGS 1:62500) (TULLIS)

107°30' 27'30" R. 90 W. R. 89 W. (BROWNS HILL) 25 107°22'30"
41°07'30" 41°07'30"



Base from U.S. Geological Survey, 1961

Compiled in 1979

(CRAIG 1:125 000)

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

15°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1961

WYOMING
QUADRANGLE LOCATION

EXPLANATION

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

PRLA W0324038

AREA OF COAL PREFERENCE RIGHT LEASE APPLICATION ON FEDERAL LAND - Showing PRLA lease number.

5

ISOPACH - Showing thickness of coal, in feet. Arrow points toward area where coal bed is 5 feet or more thick.

Al[1] - Almond
Dl - Darling No. 1

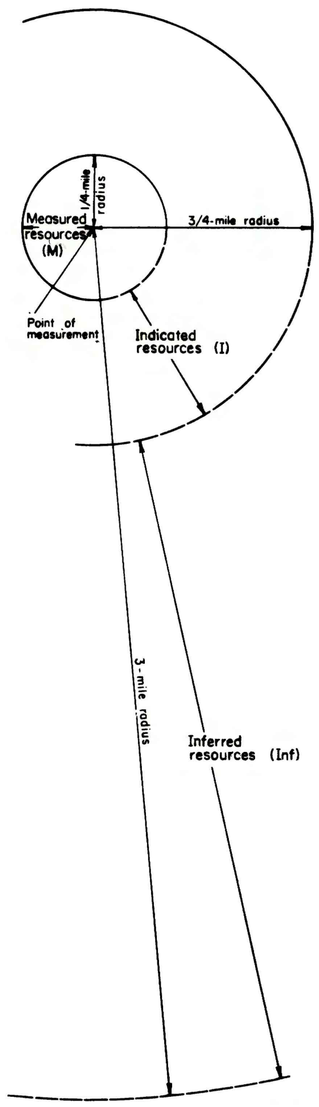
COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

SL

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining where the recovery factor is 85 percent, and away from the area suitable for subsurface mining (down dip to the 3,000-foot-overburden isopach) where the recovery factor is 50 percent.

RB	R(85%)	RB	R(50%)	
0.11	0.09	1.13	0.57	(Measured)
0.09	0.08	1.05	0.53	(Indicated)
				(Inferred)

IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part of section of non-leased Federal coal land, both within and beyond the stripping-limit line. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category. Reserves have been calculated for a constant thickness of 12 feet for areas where the coal beds are more than 12 feet thick. Therefore, in some instances, underground Reserves may be less than 50 percent of the Reserve Base.



BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources. Dashed where projected from adjacent quadrangles.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

To convert miles to kilometers, multiply miles by 1.6093.

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

COAL RESOURCE OCCURRENCE MAP OF THE SAVERY QUADRANGLE, CARBON COUNTY, WYOMING

BY
DAMES & MOORE

1979

PLATE 6

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAPS OF THE DARLING NO. 1 AND ALMOND[1] COAL BEDS