

EXPLANATION

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

PREFERENCE RIGHT LEASE APPLICATION (PRLA) - Showing PRLA number.

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

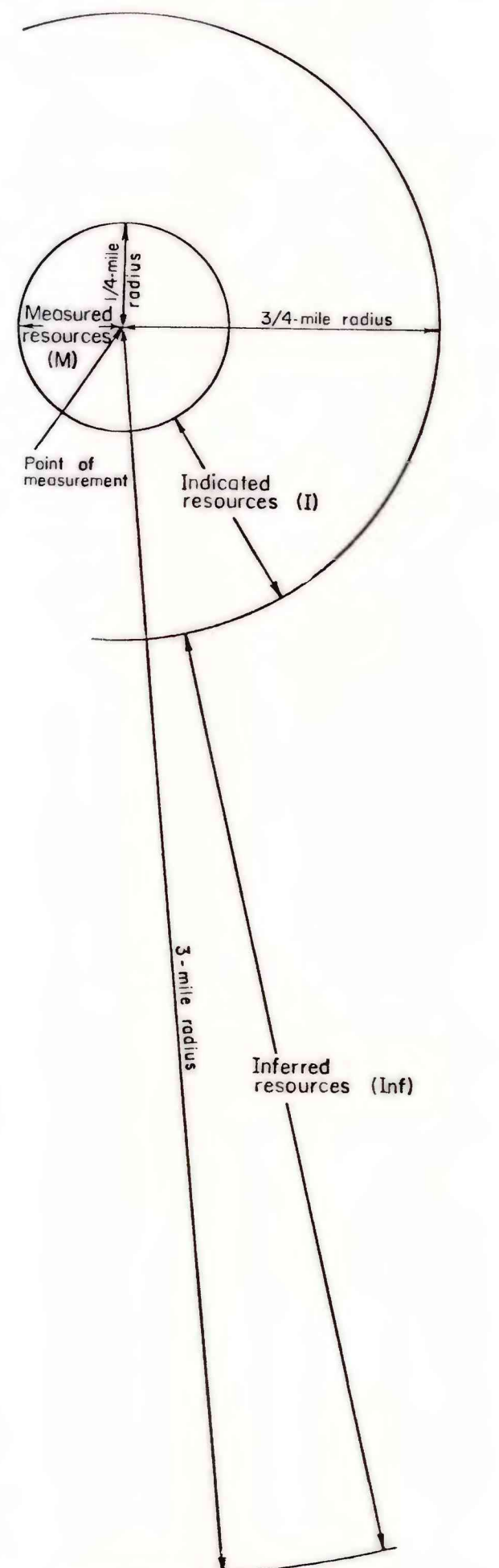
Em - Emery coal zone

COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

TRACE OF COAL ZONE OUTCROP - Showing symbol of name of coal zone as listed above. Arrow points toward coal-bearing area. Dashed where inferred.

RB	R(85%)	(Measured)
0.18	0.15	(Indicated)
0.24	0.20	(Inferred)
-	-	(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 striping-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.

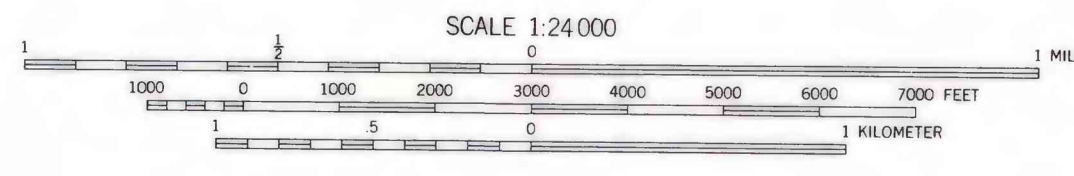


BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources.

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 NORTHWEST QUARTER OF THE MT. ELLEN 15-MINUTE QUADRANGLE, WAYNE AND GARFIELD COUNTIES, UTAH  
BY  
DAMES AND MOORE  
1979