



**EXPLANATION**

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

FEDERAL COAL LEASE BOUNDARY - Lease number within boundary.

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

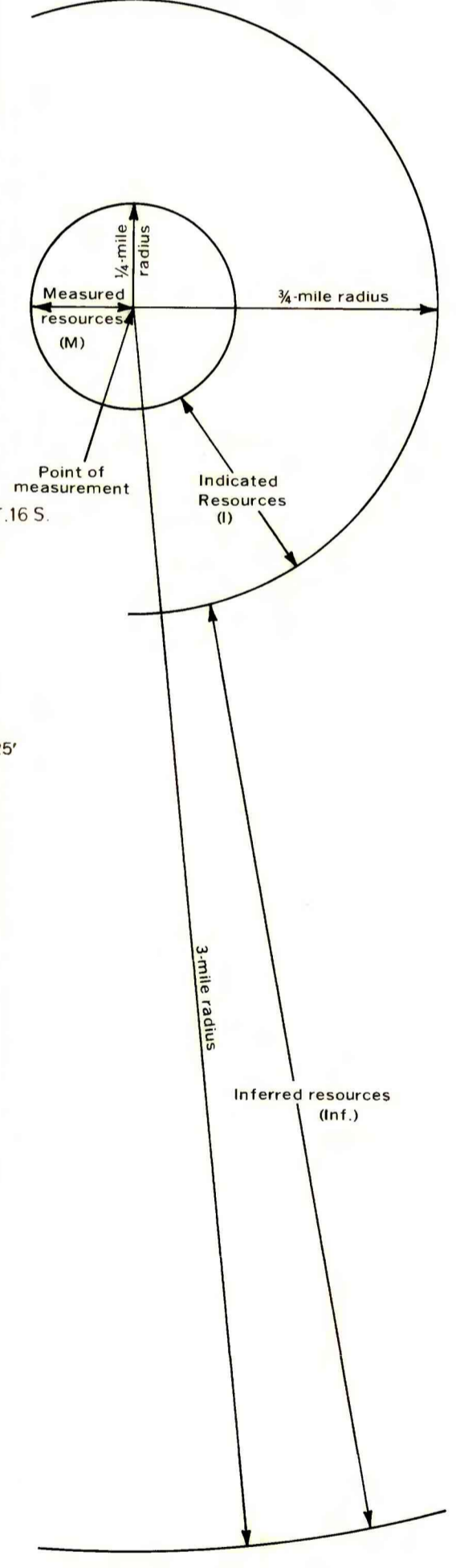
TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.

INSUFFICIENT DATA LINE - Coal resources were not calculated for areas beyond line shown because of insufficient data.

POINT OF MEASUREMENT - Point from which boundary lines for measured, indicated, and inferred coal resources were drawn.

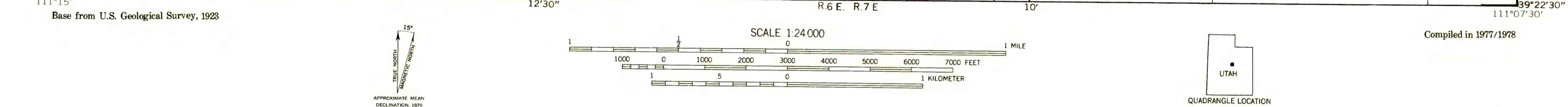
RB	R(50%)	
0.6	0.3	(Measured)
1.6	0.8	(Indicated)
—	—	(Inferred)

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 within the KRCRA. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category.



**BOUNDARY LINES** - Enclosed areas of measured, indicated, and inferred coal resources of the coal bed.

To convert short tons to metric tons, multiply short tons by 0.9072.  
To convert feet to meters, multiply feet by 0.3048



**COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE HIAWATHA 15-MINUTE QUADRANGLE, EMERY AND SANPETE COUNTIES, UTAH BY AAA ENGINEERING AND DRAFTING, INC. 1979**

PLATE 11  
AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF THE FOURTH COAL BED

Compiled in 1977/1978

Base from U.S. Geological Survey, 1923

APPROXIMATE MEAN DECLINATION, 1959