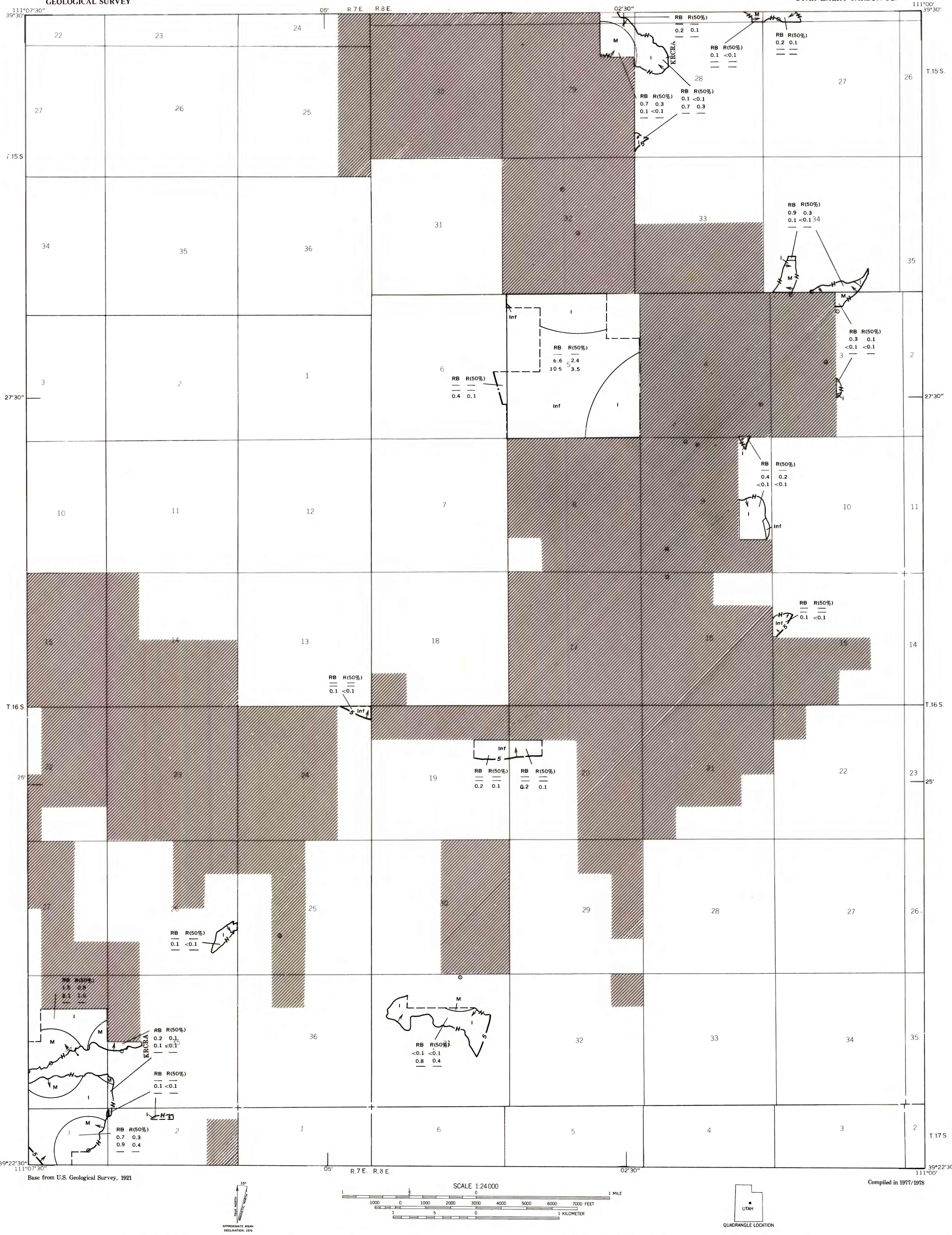
This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

OPEN FILE REPORT 79-899

PLATE 11 OF 12

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NE¼ OF HIAWATHA 15′ QUADRANGLE
UTAH-EMERY-CARBON CO.



Base from U.S. Geological Survey, 1921

Compiled in 1977/1978

APPROXIMATE MEAN DECLINATION, 1979

SCALE 1:24 000

UTAH
QUADRANGLE LOCATION

EXPLANATION

KRCRA

KRCRA BOUNDARY—Label within boundary.

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

FEDERAL COAL LEASE 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.

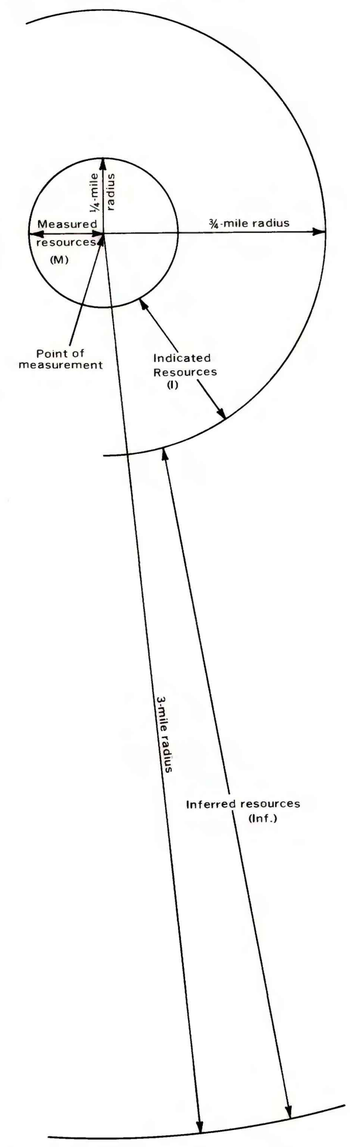
FAULT – Bar and ball on downthrown side where direction of movement is known.

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

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

RB	R(50%)	
0.4	0.2	(Measured)
0.4	0.2	(Indicated)
<0.1	<0.1	(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. Underground Reserves have been calculated for only that part of the Reserve Base that is suitable for underground mining. Reserves have been calculated for a constant thickness of 12 feet for areas where the coal bed exceeds 12 feet. Therefore, in some instances underground Reserves may be less than 50% of the Reserve Base.



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 NORTHEAST QUARTER OF THE HIAWATHA 15-MINUTE QUADRANGLE, EMERY AND CARBON COUNTIES, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

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