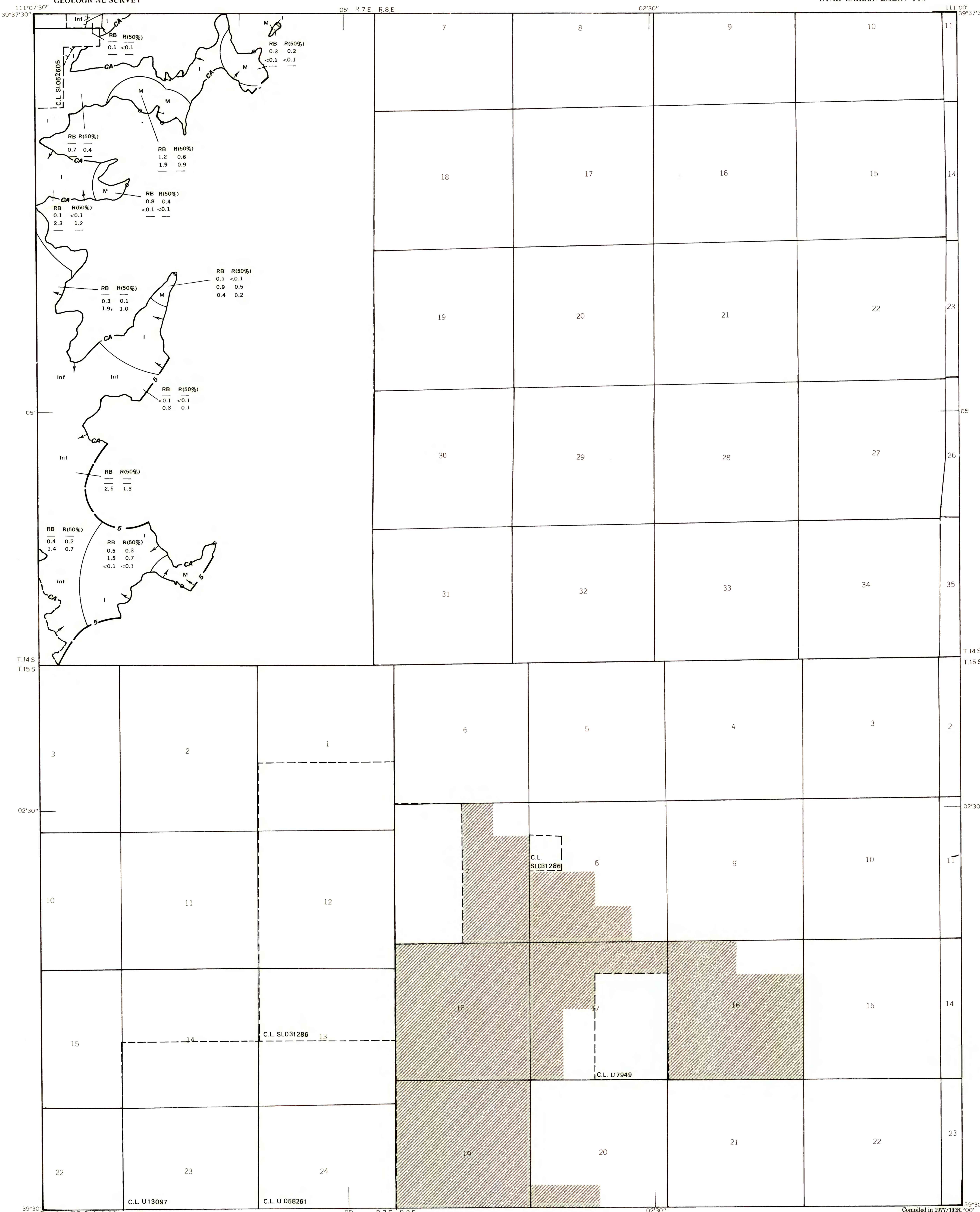


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SE 1/4 OF SCOFIELD 15' QUADRANGLE
UTAH-CARBON-EMERY COS.



EXPLANATION

NON-FEDERAL COAL LAND—Land 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. Dashed where inferred.

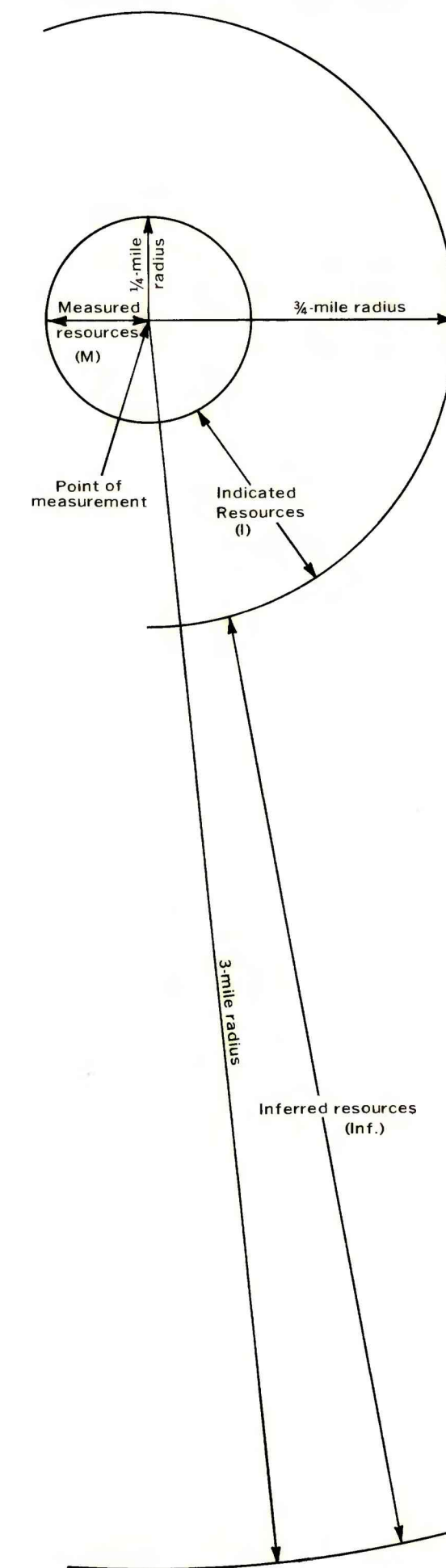
TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.

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

UNDERGROUND COAL MINE—Hachures point to mined-out area. Dashed where approximately located.

RB	R(50%)	
1.5	0.8	(Measured)
0.9	0.5	(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.

FAULT—bar and ball on downthrown side where direction of movement is known.

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 SOUTHEAST QUARTER
OF THE SCOFIELD 15-MINUTE QUADRANGLE,
CARBON AND EMERY COUNTIES, UTAH
BY
AAA ENGINEERING AND DRAFTING, INC.
1979**