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

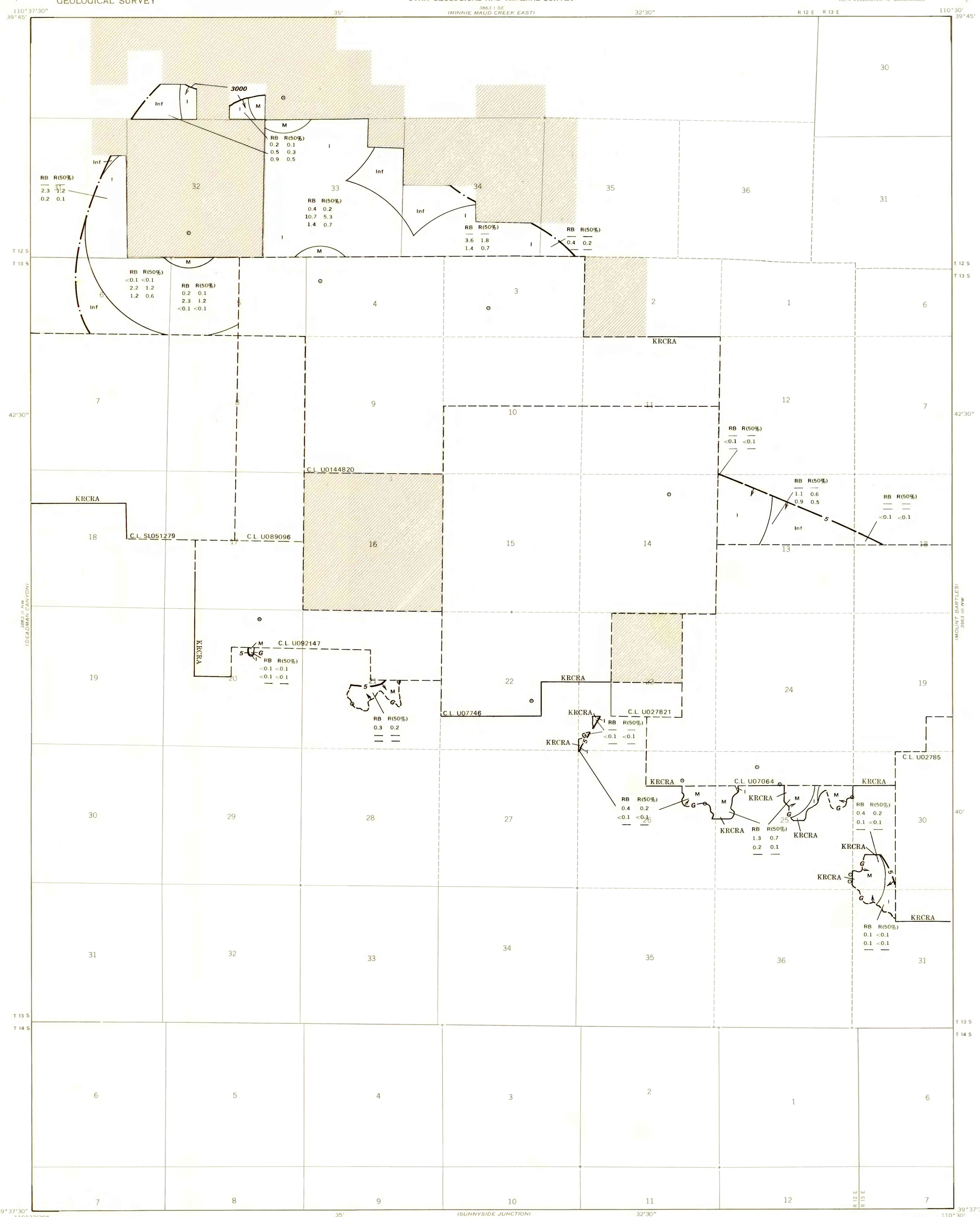
OPEN FILE REPORT 79-489

PLATE 15 OF 16

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF UTAH
UTAH GEOLOGICAL AND MINERAL SURVEY

PINE CANYON QUADRANGLE
UTAH—CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 WELLINGTON 15' QUADRANGLE



Base from U.S. Geological Survey, 1972

Compiled in 1978

SCALE 1:24 000

1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETRE

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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.

C.L. U089096
FEDERAL COAL LEASE BOUNDARY—Lease number within boundary.

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

3000
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet. Arrow points toward area where coal bed is less than 3,000 feet below surface.

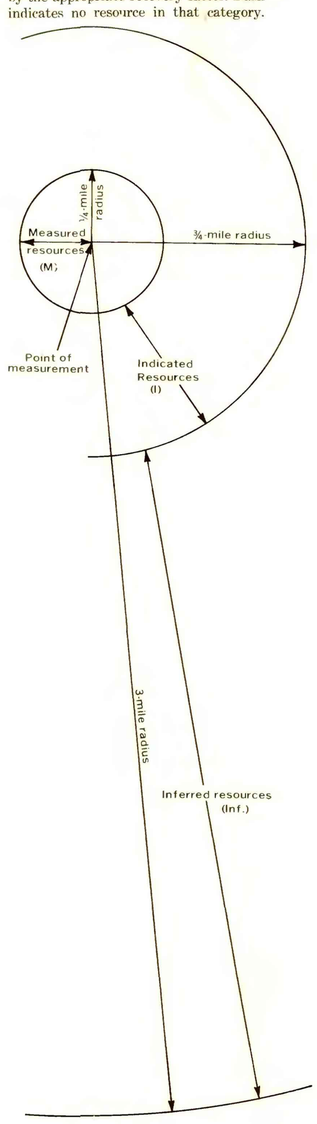
G
TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.

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%)	
0.3	0.2	(Measured)
1.0	0.5	(Indicated)
0.8	0.4	(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 PINE CANYON QUADRANGLE, CARBON COUNTY, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

PLATE 15
AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF THE GILSON COAL BED