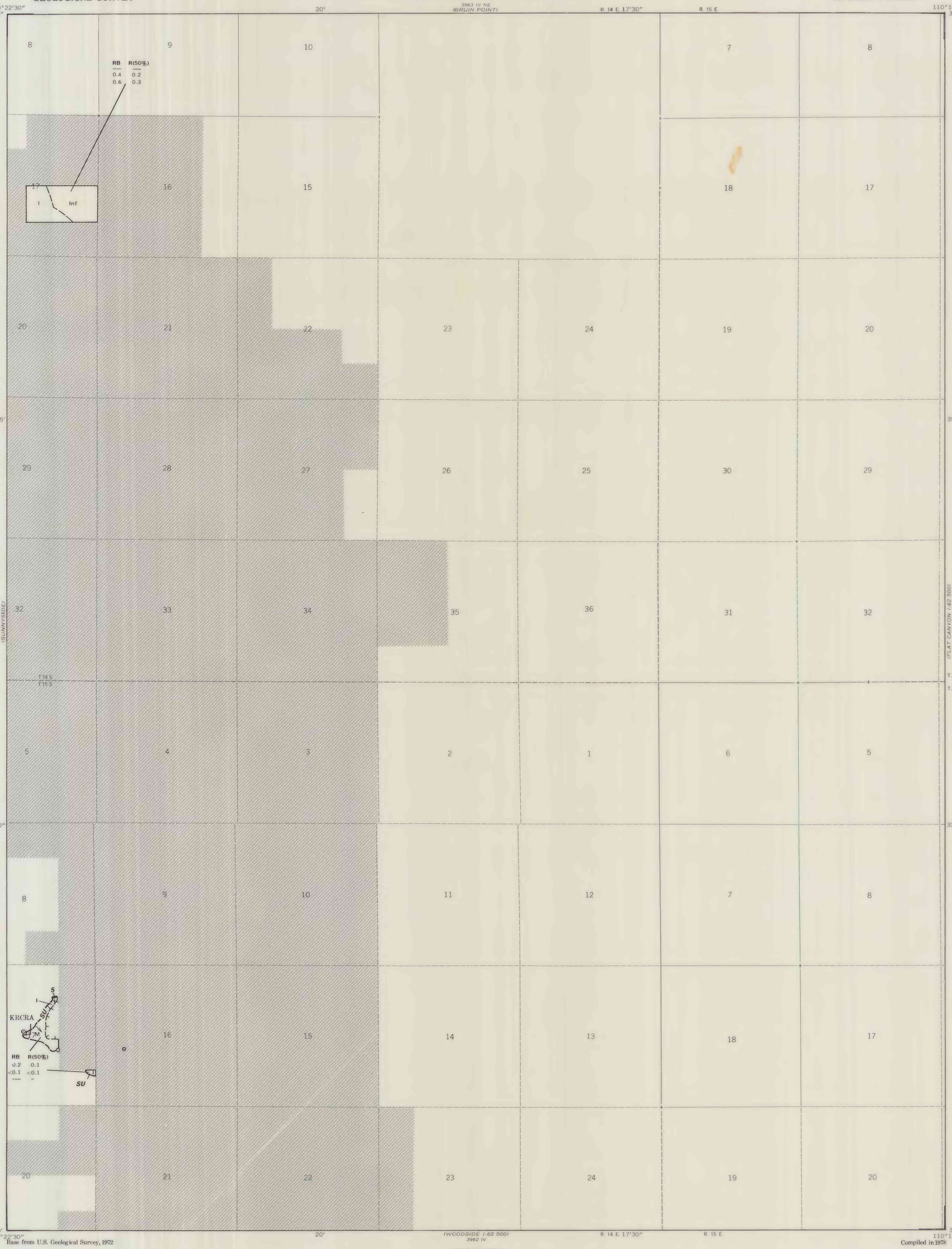
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF UTAH
UTAH GEOLOGICAL AND MINERAL SURVEY

PATMOS HEAD QUADRANGLE
UTAH—CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 SUNNYSIDE 15' QUADRANGLE

3963 III NW (MOUNT BARTLES)
3963 III NE (BRUIN POINT)
3963 II (FLAT CANYON) 1:62 500
3963 III SW (SUNNYSIDE)
(FLAT CANYON 1:62 500) 3963 II
3962 IV (WOODSIDE) 1:62 500
(WOODSIDE 1:62 500) 3962 IV
3962 I (RANGE CREEK) 1:62 500

110°22'30" 20' R. 14 E. 17'30" R. 15 E. 110°15'
39°37'30" 39°37'30"
35' 35'
32'30" 32'30"
39°30' 39°30'
T. 14 S. T. 15 S.

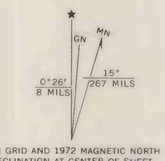


Base from U.S. Geological Survey, 1972

Compiled in 1978

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETRE



UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE PATMOS HEAD QUADRANGLE, CARBON COUNTY, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

OPEN FILE REPORT 79-492

PLATE 7 OF 12

EXPLANATION

KRCRA

KRCRA BOUNDARY—Label within boundary.

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

5

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

SU

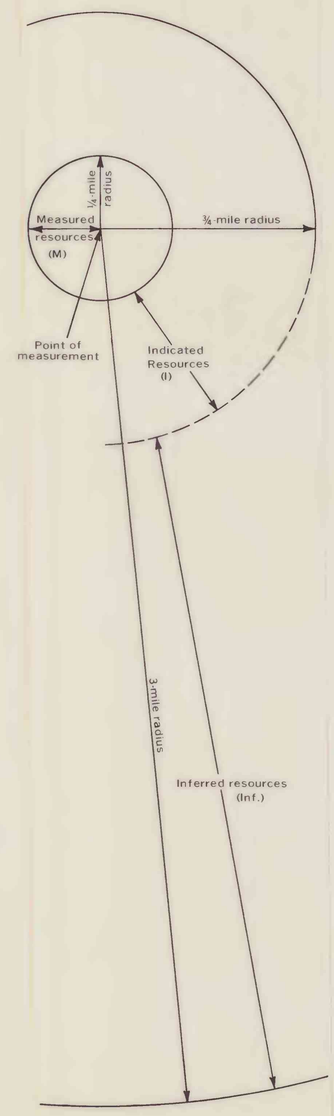
TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.

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%)	
0.2	0.1	(Measured)
<0.1	<0.1	(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. Dashed where projected from adjacent quadrangles.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048

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

PLATE 7
AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF THE UPPER SUNNYSIDE COAL BED