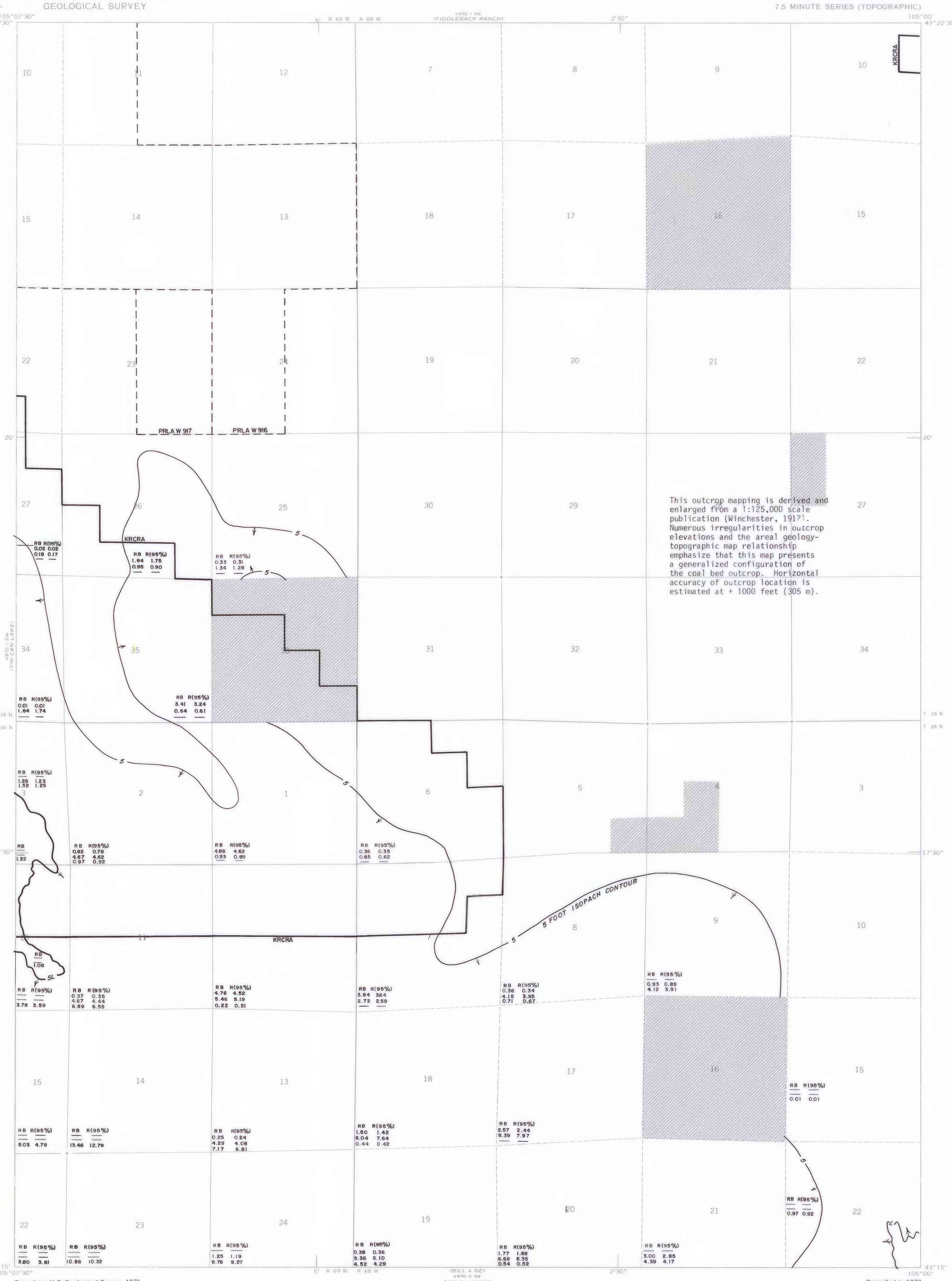
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ESAU SPRING QUADRANGLE
WYOMING—CONVERSE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-454
PLATE 13 OF 19



Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24 000

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

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

PREFERENCE RIGHT LEASE APPLICATION-PRLA

KNOWN RECOVERABLE COAL RESOURCE AREA-KRCRA

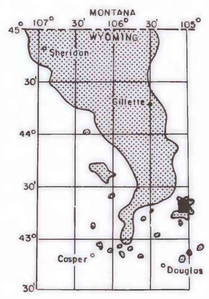
STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrow indicates area suitable for surface mining. Recovery factor of 95% within that area.

TRACE OF COAL BED OUTCROP-Arrow points toward the coal-bearing area.

RB	RB	R(95%)	
—	—	—	(Measured)
—	1.29	1.23	(Indicated)
1.22	1.32	1.25	(Inferred)

IDENTIFIED RESOURCES OF COAL BED-In millions of short tons. Dash indicates no resources in that category. Reserve Base (RB) x the recovery factor (95%) = Reserves (R).

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



MAP SHOWING LOCATION OF THE ESAU SPRING QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

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

COAL RESOURCE OCCURRENCE MAP OF THE ESAU SPRING QUADRANGLE, CONVERSE COUNTY, WYOMING

BY

IntraSearch

1979

PLATE 13
IDENTIFIED RESOURCES OF LOCAL COAL BED