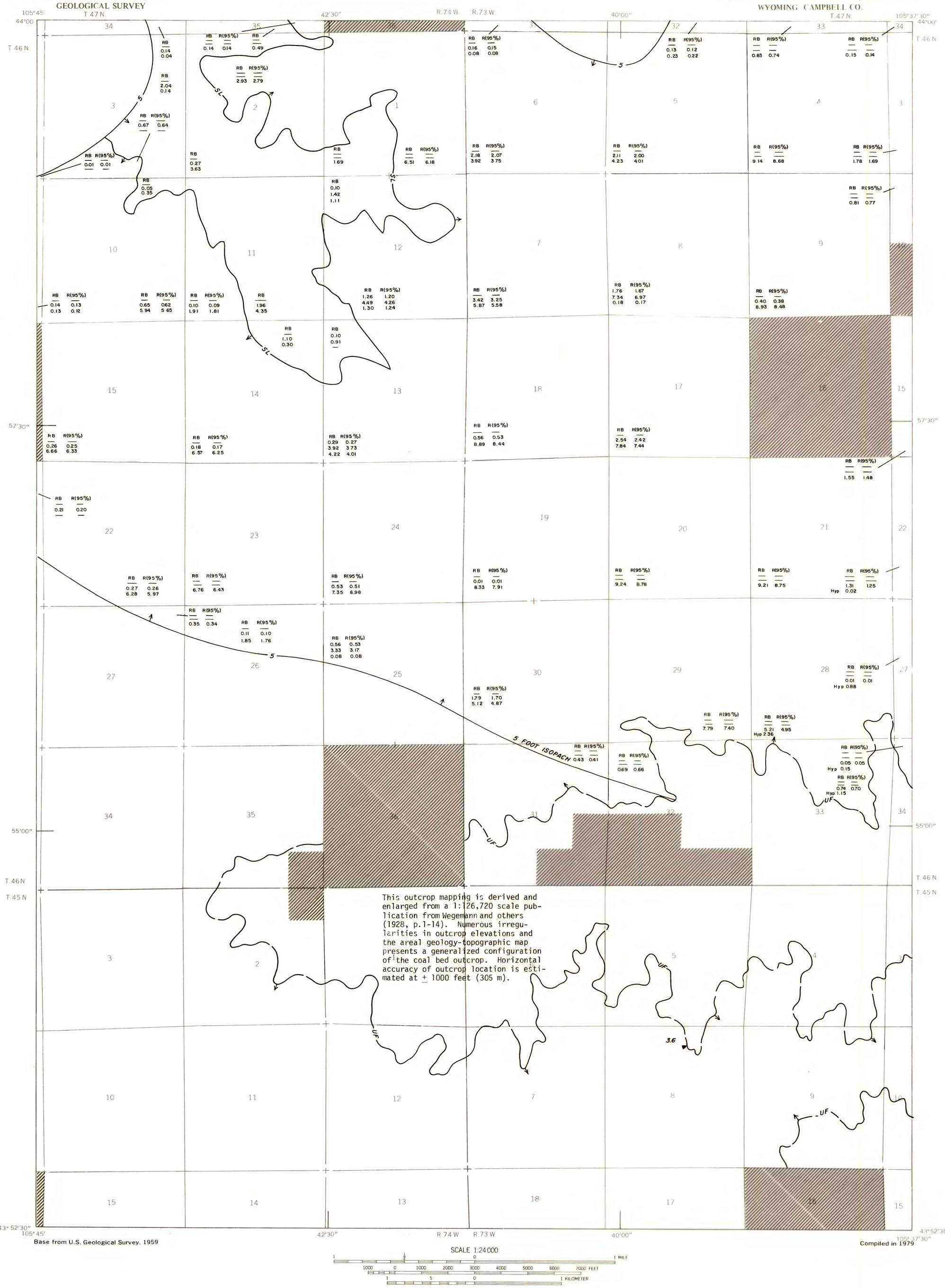
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NW¼ OF NORTH STAR SCHOOL 15' QUADRANGLE
WYOMING CAMPBELL CO.

OPEN FILE REPORT 79-059
PLATE 8 OF 40



EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

RB R(95%)
— —
— —
1.31 1.25
Hyp0.02

(Measured)
(Indicated)
(Inferred)
(Hypothetical)

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).

SL

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.

UF

TRACE OF COAL BED OUTCROP-Arrow points toward the coal-bearing area. Coal bed dashed where inferred.

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

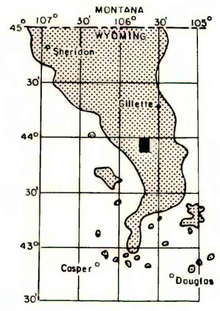
This outcrop mapping is derived and enlarged from a 1:126,720 scale publication from Wegemann and others (1928, p.1-14). Numerous irregularities in outcrop elevations and the areal geology-topographic map presents a generalized configuration of the coal bed outcrop. Horizontal accuracy of outcrop location is estimated at ± 1000 feet (305 m).

Base from U.S. Geological Survey. 1959

SCALE 1:24000

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

Compiled in 1979



MAP SHOWING LOCATION OF THE NW¼ NORTH STAR SCHOOL 15' QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

COAL RESOURCE OCCURRENCE MAP OF THE NW¼ NORTH STAR SCHOOL 15' QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY
IntraSearch
1979

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

PLATE 8
IDENTIFIED AND
HYPOTHETICAL RESOURCES OF
UPPER FELIX COAL BED