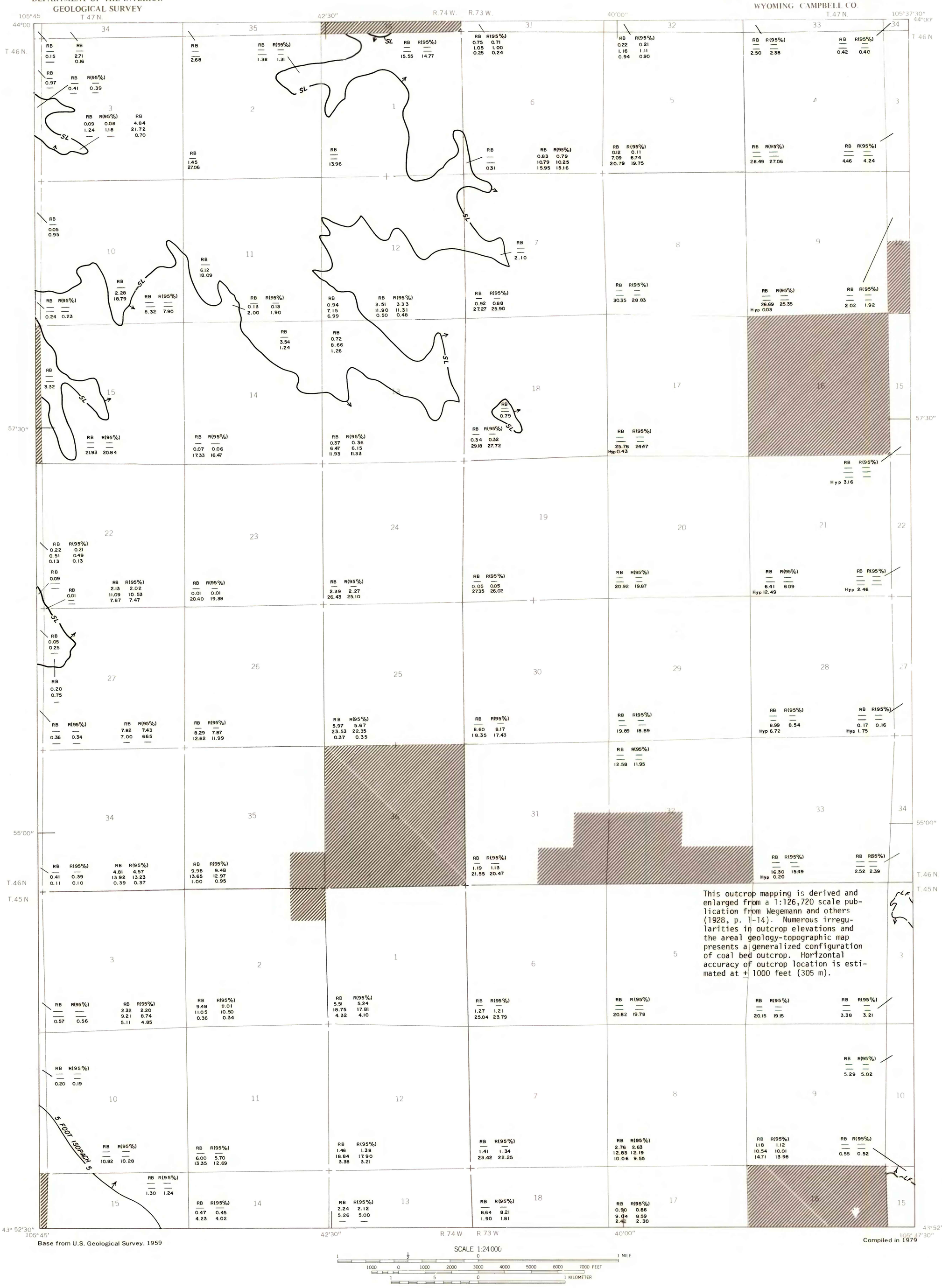
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79-059
PLATE 13 OF 40




EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

| RB | RB | R(95%) | |
|---|---|---|---|
| — | — | — | (Measured) |
| — | — | — | (Indicated) |
| 0.31 | 0.17 | 0.16 | (Inferred) |
| | Hyp1.75 | | (Hypothetical) |

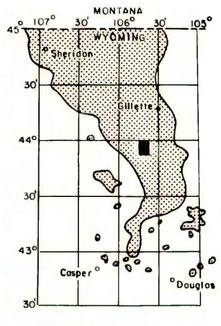
IDENTIFIED RESOURCES OF COAL BED-In millions of short tons. Dash indicates no resources in that category. Reserve Base (RB) x the recovery factor (95%) = Reserves (R).

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.

LF — 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 coal bed outcrop. Horizontal accuracy of outcrop location is estimated at ± 1000 feet (305 m).




MAP SHOWING LOCATION OF THE NW¼ NORTH STAR SCHOOL 15' 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 NW¼ NORTH STAR SCHOOL 15' QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY
IntraSearch
1979

PLATE 13
IDENTIFIED AND HYPOTHETICAL RESOURCES OF LOWER FELIX COAL BED