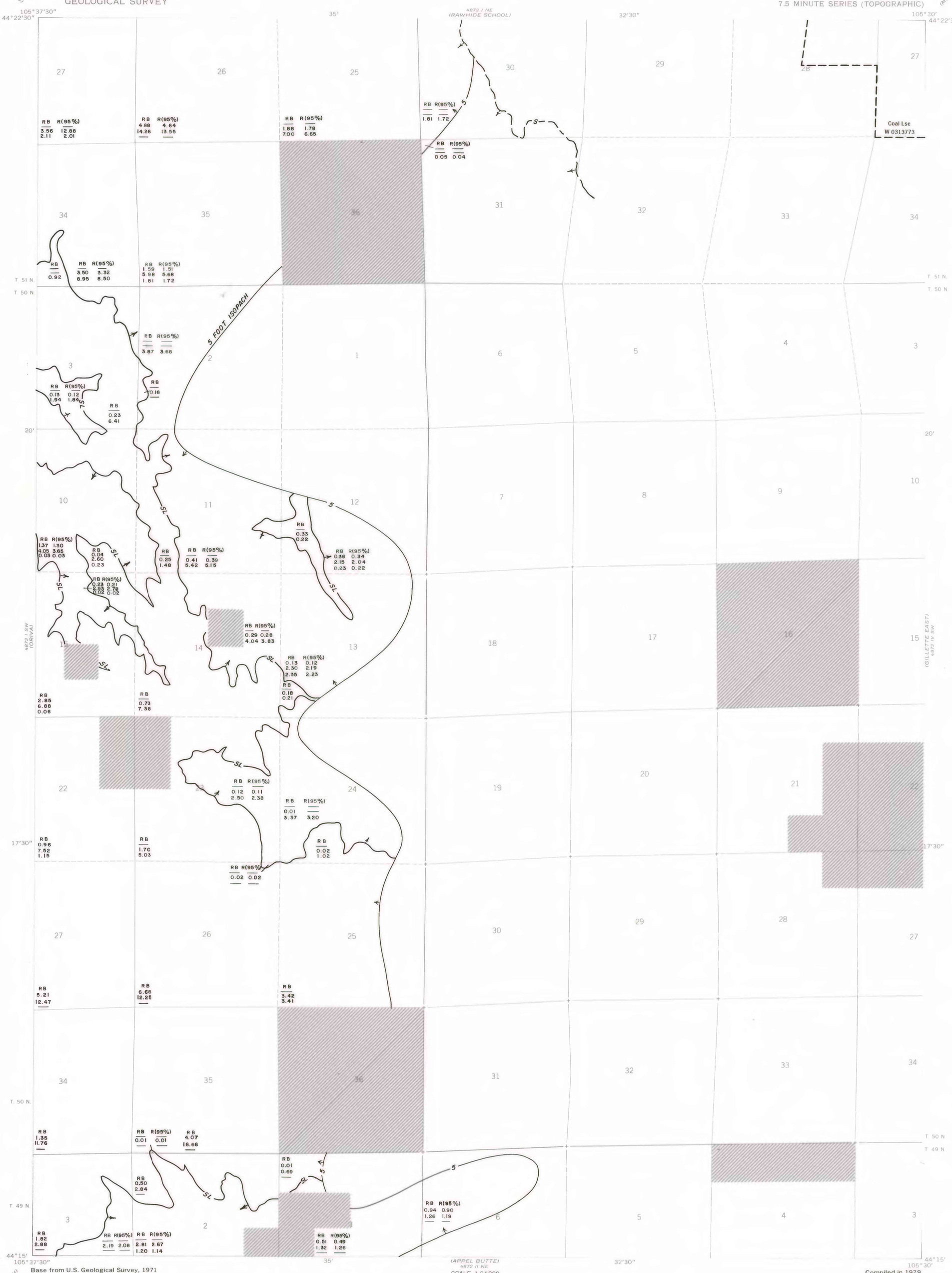
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GILLETTE WEST QUADRANGLE
WYOMING–CAMPBELL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-041
PLATE 13 OF 29



Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

GN MN
0°24' 7 MILS
14½° 245 MILS

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING

QUADRANGLE LOCATION

EXPLANATION

NON-FEDERAL COAL LAND-Coal tonnages not evaluated.

RB	RB	R(95%)	
—	—	—	(Measured)
0.23	0.13	0.12	(Indicated)
6.41	1.94	1.84	(Inferred)

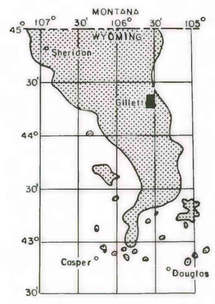
IDENTIFIED RESOURCES OF COAL BED-In millions of short tons. Dash indicates no resources in that category. Reserve Base (RB) x the recovery factor (95%) = Reserves (R).

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.

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

COAL LEASE-Coal Lse.

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



MAP SHOWING LOCATION OF THE GILLETTE WEST 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 GILLETTE WEST QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY

IntraSearch

1979

PLATE 13
IDENTIFIED RESOURCES OF
SMITH COAL BED