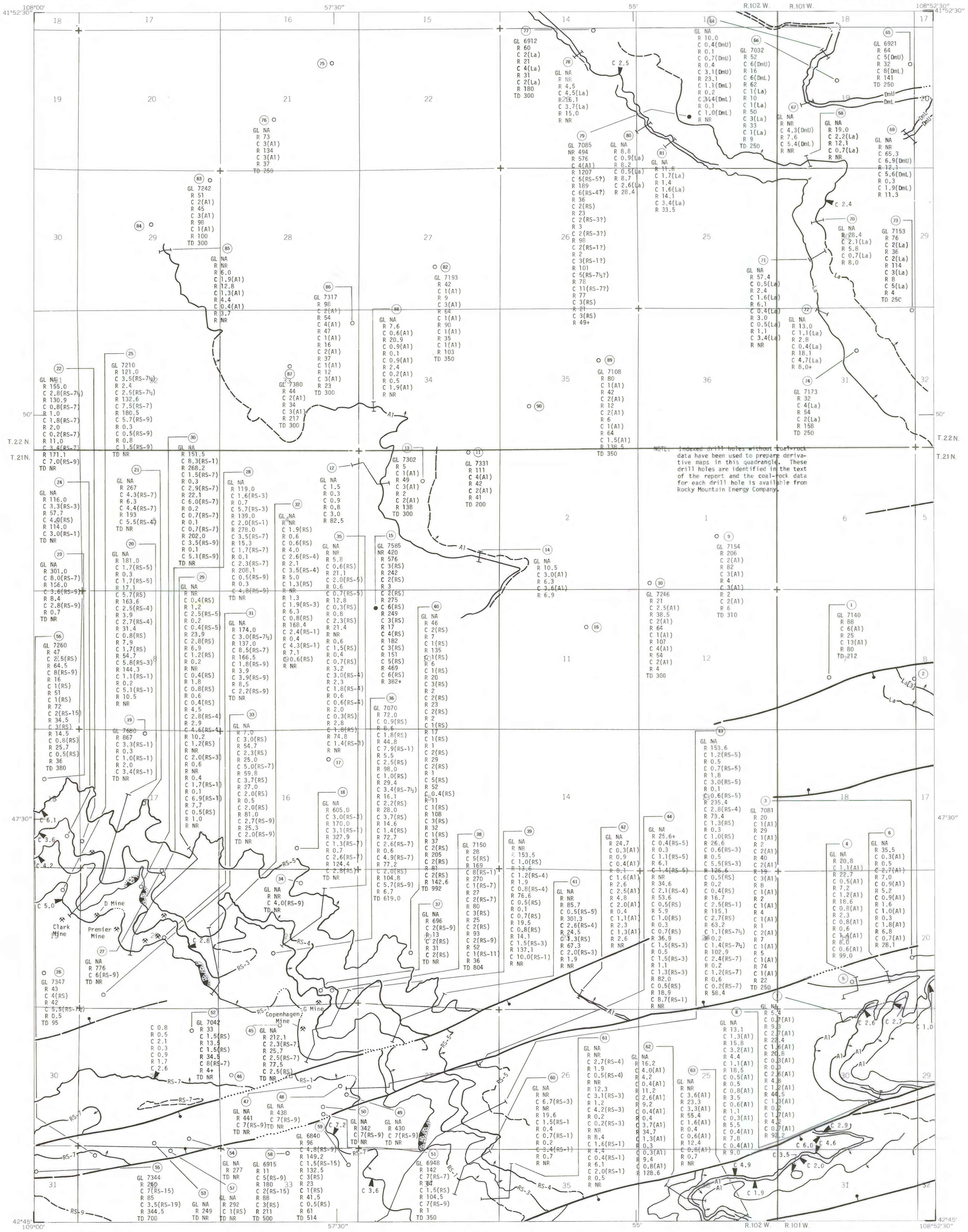
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTHWEST SUPERIOR QUADRANGLE
WYOMING-SWEETWATER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



NOTE: Indexed drill holes without coal-rock data have been used to prepare derivative maps in this quadrangle. These drill holes are identified in the text of the report and the coal-rock data for each drill hole is available from Rocky Mountain Energy Company.

Base from U.S. Geological Survey, 1958

Compiled in 1977/1978

SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1958

15½°

TRUE NORTH

MAGNETIC NORTH

QUADRANGLE LOCATION

EXPLANATION

GL 7173
R 32
C 4(La)
R 54
C 2(La)
R 158
TD 250

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters designate name of coal bed as listed below.

GL 7585
NR 420
R 576
C 3(RS)
R 242
C 2(RS)
R 3
(Section continues)

OIL AND GAS TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters designate name of coal bed as listed below.

GL NA
R 28.4
C 2.1(La)
R 5.8
C 0.7(La)
R 8.0

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text. Letters designate name of coal bed as listed below. Trace of measured section, if extensive, shown by line; dashed where there is a break in section.

GL - Ground level elevation
NA - No altitude available
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

DmU - Upper Deadman
DmL - Lower Deadman
La - Lance, undifferentiated
Al - Almond, undifferentiated
RS-5 - Rock Springs No. 5
RS-4 - Rock Springs No. 4
RS-3 - Rock Springs No. 3
RS-1 - Rock Springs No. 1
RS-7½ - Rock Springs No. 7½
RS-7 - Rock Springs No. 7
RS-9 - Rock Springs No. 9 (Van Dyke)
RS-11 - Rock Springs No. 11
RS-15 - Rock Springs No. 15
RS-19 - Rock Springs No. 19
RS - Rock Springs, undifferentiated

COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

2.4
La

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Letters designate name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; dotted where concealed. Trace of outcrop modified (from original data source) to fit modern topographic map.

BURNED AND CLINKERED COAL - Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

TRACE OF FAULT - Symbol designates direction of movement when known; bar and ball on down-thrown side. Dashed where inferred; dotted where concealed.

Premier Mine
Abandoned

UNDERGROUND COAL MINE - Showing name of mine, if known.

To convert feet to meters, multiply feet by 0.3048.

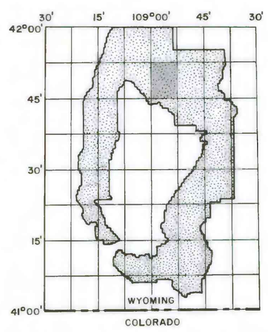
REFERENCES

LaPoint, P. J. I., Unpublished preliminary geologic map of the Superior quadrangle, Sweetwater County, Wyoming: U.S. Geol. Survey.

Rocky Mountain Energy Co., (no date) Unpublished drill hole data from the Union Pacific coal inventory of 1969-1971.

U.S. Geol. Survey, 1924, Inactive Coal Lease No. W-07825, Rock Springs Fuel Co.

_____ 1937, Inactive Coal Lease Nos. EV-07490 and EV-07849, Union Pacific Railroad, D.O. Clark Mine.



MAP SHOWING LOCATION OF THE SOUTHWEST QUARTER OF THE SUPERIOR 15-MINUTE QUADRANGLE (SHADED) AND THE ROCK SPRINGS 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 SOUTHWEST QUARTER OF THE SUPERIOR 15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY

DAMES & MOORE

1979

PLATE 1

COAL DATA MAP