

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTHWEST DOTY MOUNTAIN QUADRANGLE
WYOMING-CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

PLATE I OF 32

EXPLANATION

COAL TEST HOLE - Index number refers to hole on plate 1 (sheet 2), and on plate 3 of CRD map or in table of text.

OIL AND GAS TEST HOLE - Index number refers to hole on plate 1 (sheet 2), and on plate 3 of CRD map or in table of text.

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CRD map or in table of text. Letters designate name of coal bed as listed below. Trace of measured section, if extensive, shown by line at approximate location.

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

FR - Fillmore Ranch
MC - Muddy Creek
SC - Separation Creek coal zone
OD - Olson Draw
RR - Red Rim
DR - Daleys Ranch
FU - Fort Union, undifferentiated
La - Lance
FH - Fox Hills, undifferentiated
R - Robertson
Al - Almond, undifferentiated
L - Local

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

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 FAULT - Arrows and symbols designate direction of movement when known; bar and ball on down-thrown side. Dashed where inferred; dotted where concealed.

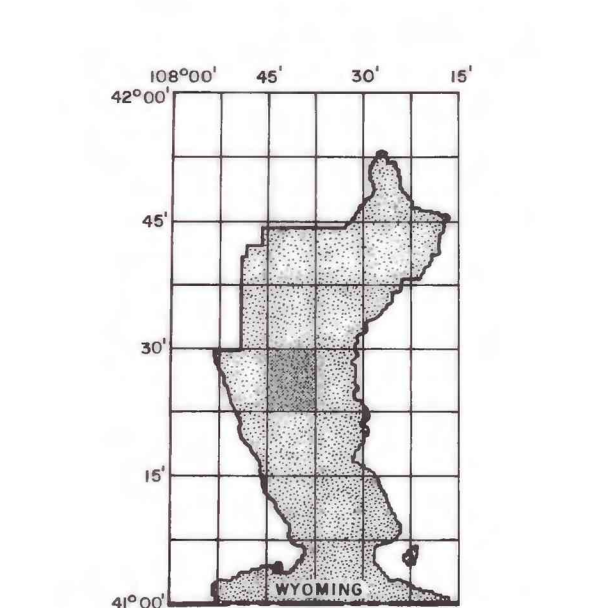
STRIKE AND DIP OF BEDS

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

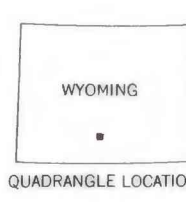
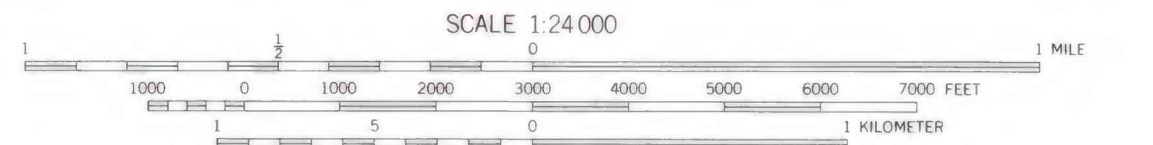
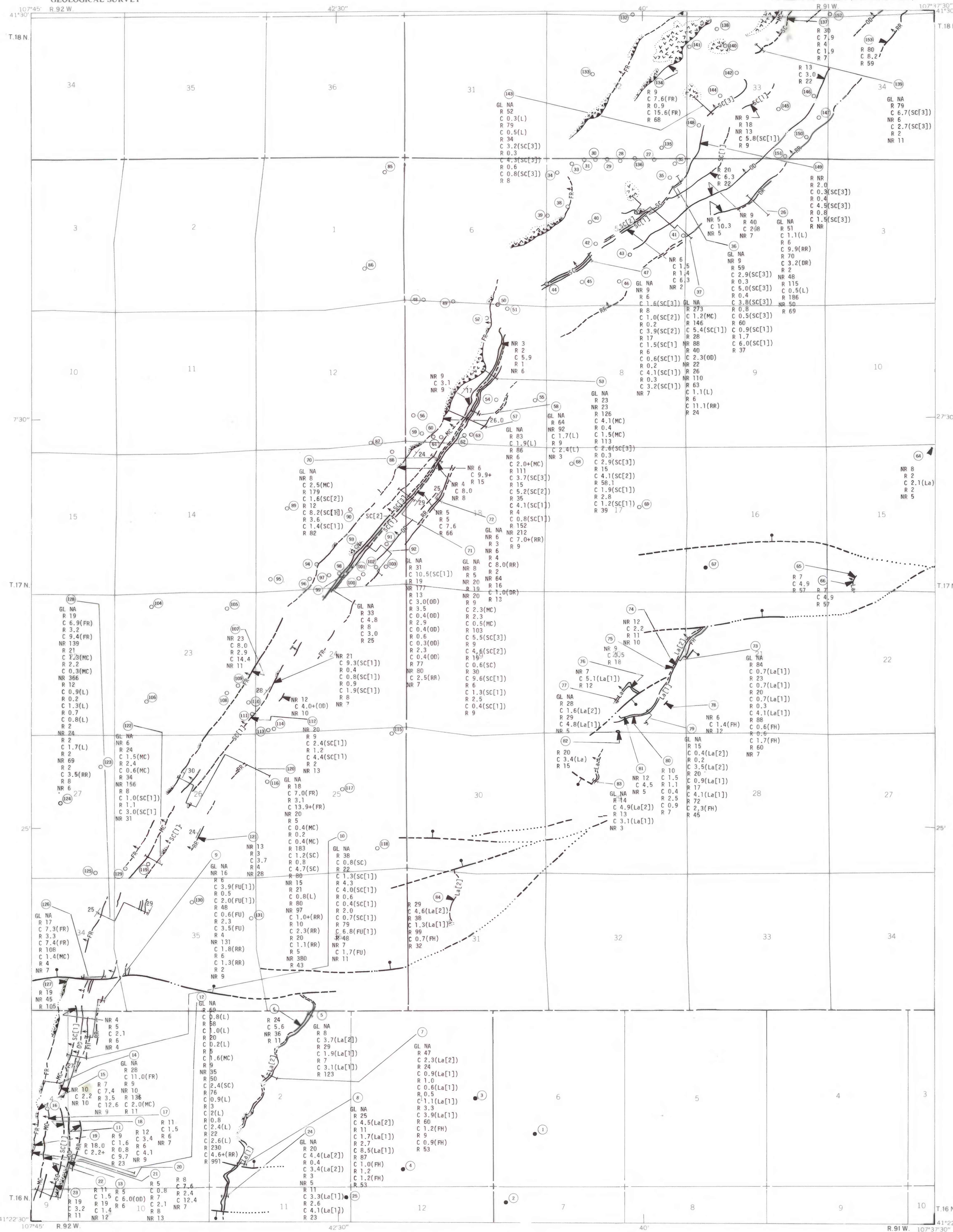
To convert feet to meters, multiply feet by 0.3048.

REFERENCES

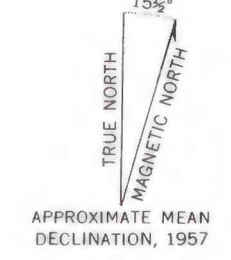
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MAP SHOWING LOCATION OF THE NORTHWEST QUARTER OF THE DOTY MOUNTAIN 15-MINUTE QUADRANGLE (SHADED) AND THE RAWLINS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING



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



COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE DOTY MOUNTAIN 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING
BY DAMES & MOORE 1979