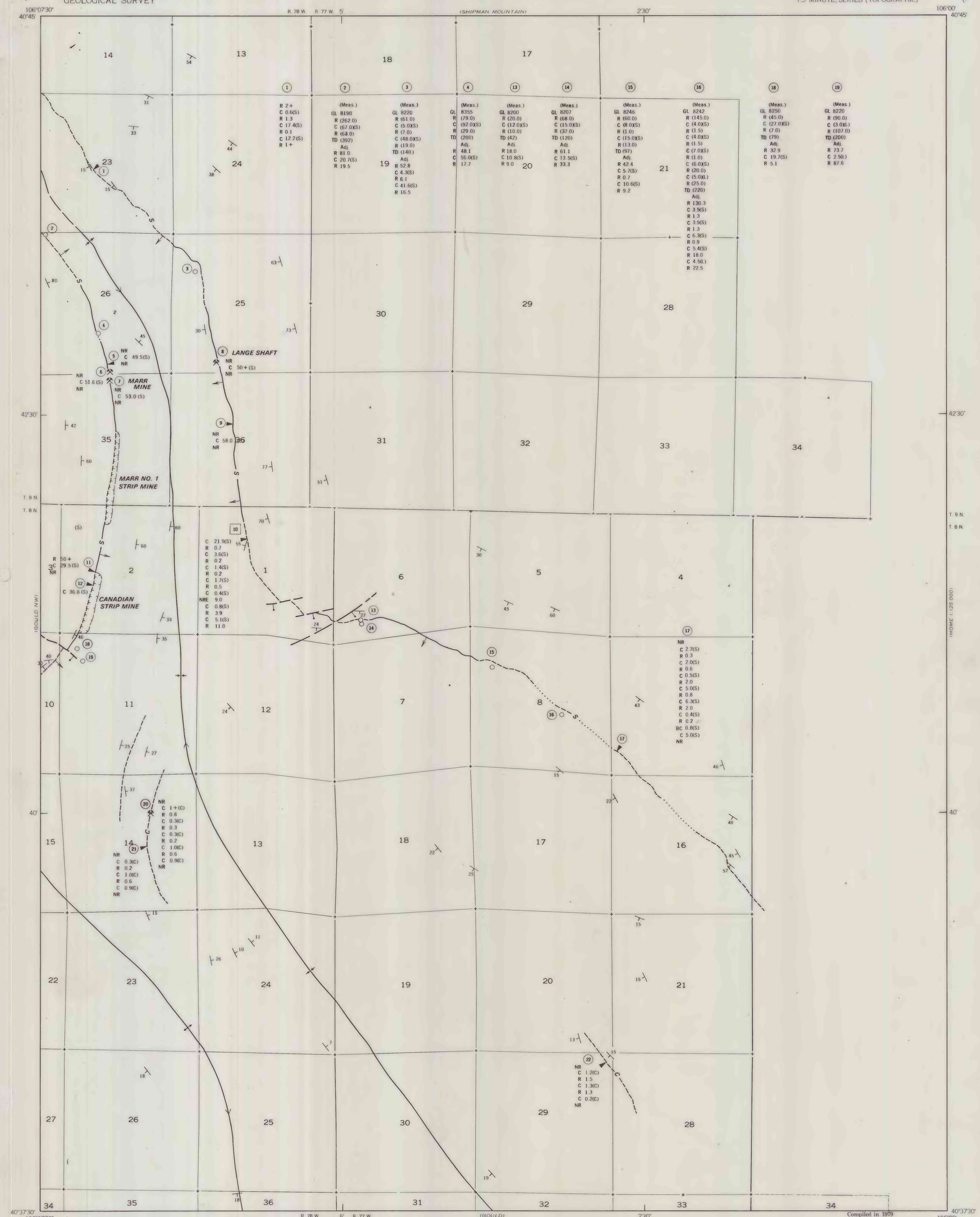
This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

OPEN-FILE REPORT 79-192

PLATE 1 OF 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JOHNNY MOORE MOUNTAIN QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

(18) ○ GL 8250
Adj. (Meas.)
R 32.9 (45.0)
C 19.7(S) (27.0)(S)
R 5.1 (7.0)
TD (79)

COAL TEST HOLE – Showing drill-hole data in feet. Letter designates name of coal bed as listed below. Index number refers to hole on plate 3 of CRO map. When thicknesses adjusted for dip of beds - Adj.; measured thicknesses - (Meas.).

▲ 10
C 21.9(S)
R 0.7
C 3.6(S)
R 0.2
C 1.4(S)
R 0.2
C 1.7(S)

COMPOSITE OUTCROP MEASURED SECTION – Showing coal and rock thickness, in feet. Letters designates name of coal bed as listed below. Composite section is based on nearby coal thickness measurements. Index number refers to section on plate 3 of CRO map.

(6) ⚒ NR C 51.6(S) NR

MINE MEASURED SECTION – Abandoned mine, showing rock interval and thickness of coal, in feet. Letter designates name of coal bed as listed below. Index number refers to section on plate 3 of CRO map.

▲ (22) NR C 1.2(C) R 1.5 C 1.3(C) R 1.3 C 0.2(C) NR

OUTCROP MEASURED SECTION – Showing rock interval and thickness of coal, in feet. Letter designates name of coal bed as listed below. Index number refers to section on plate 3 of CRO map.

GL – Ground level elevation
R – Rock interval
C – Coal interval
BC – Bony coal
NR – No record of lithology
NRE – No record of lithology, thickness estimated
TD – Total depth
Adj. – Thicknesses adjusted for dip
(Meas.) – Thicknesses as measured in drill hole

DRILL HOLE, MEASURED SECTION, AND COMPOSITE MEASURED SECTION DATA SYMBOLS.

L – Local coal bed
C – Capron coal bed
S – Sudduth coal bed

COAL BED SYMBOLS AND NAMES

SYNCLINE – Showing axial trace and direction of plunge; dashed where inferred.

ANTICLINE – Showing axial trace and direction of plunge.

6 S

TRACE OF COAL BED OUTCROP – Showing thickness of coal and rock, in feet, measured at triangle. Letters designate name of coal bed as listed above. Arrow points toward the coal bearing area. Index number refers to section on plate 3 of CRO map. Dashed line indicates outcrop inferred by original author; dotted where concealed.

FAULT – Dashed where approximately located: bar and ball on downthrown side.

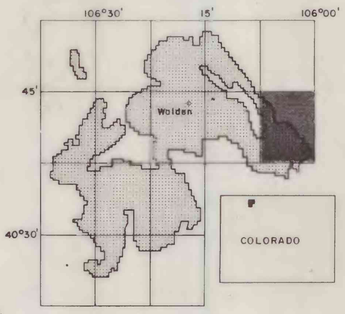
Coal mine active

Coal mine, inactive or abandoned

MARR NO. 1 (Sudduth) – Coal strip mine showing name of mine and bed removed. Hachures point toward mined-out area.

COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE JOHNNY MOORE MTN. QUADRANGLE (SHADED) AND THE McCALLUM KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED).

Base from U.S. Geological Survey, 1956

Compiled in 1979

Geology from unpublished U.S.G.S. preliminary field map by Madden, and Beekley, 1915.

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

APPROXIMATE MEAN DECLINATION 1979
15°
TRUE NORTH
MAGNETIC NORTH

COLORADO
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE JOHNNY MOORE MOUNTAIN QUADRANGLE, JACKSON AND LARIMER COUNTIES, COLORADO

BY
AAA ENGINEERING AND DRAFTING, INC.

1980

PLATE 1
COAL DATA MAP