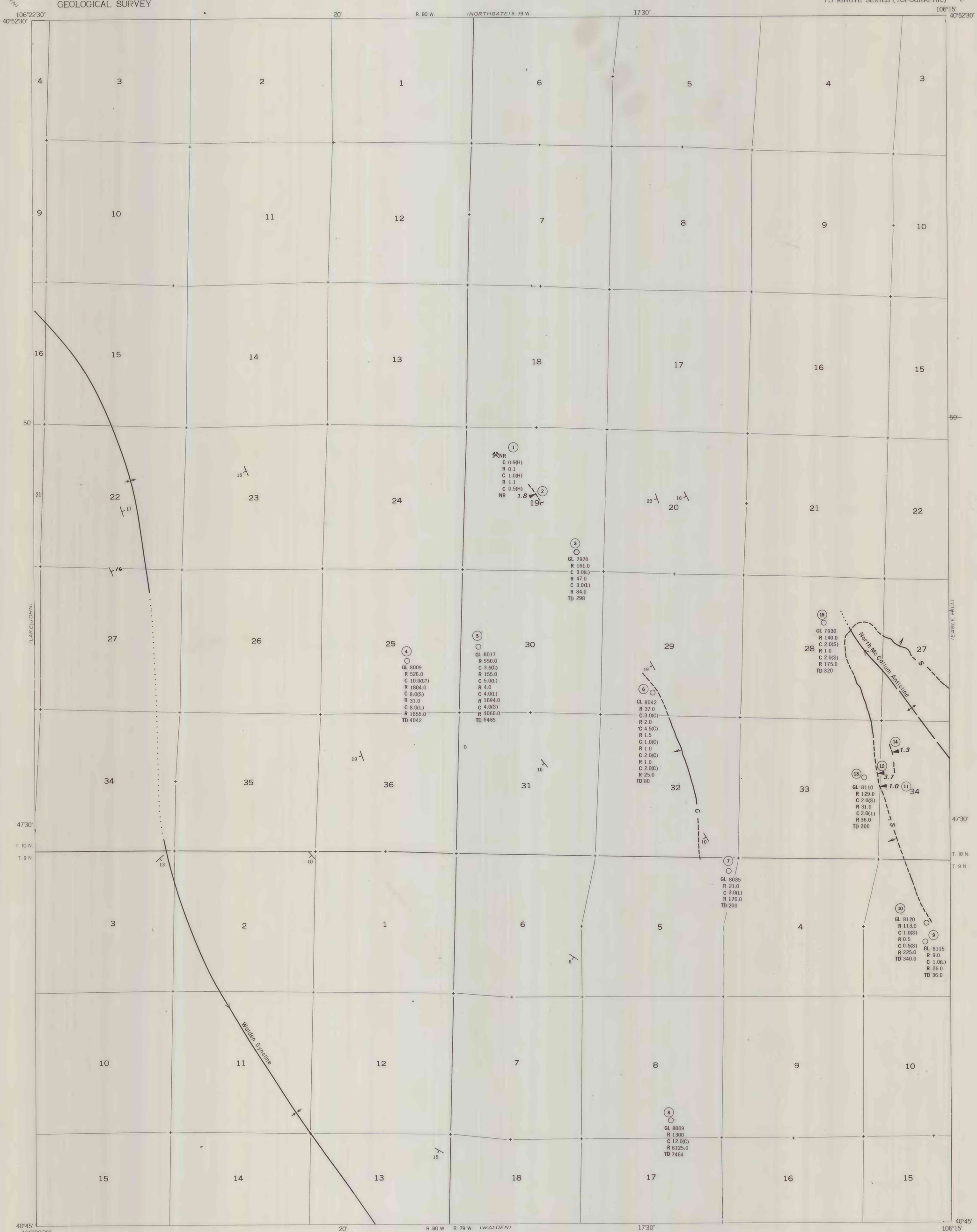
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COWDREY QUADRANGLE
COLORADO–JACKSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT 79-196

PLATE 1 OF 7



Base from U.S. Geological Survey, 1956

Compiled in 1979

Geology from unpublished U.S.G.S. field map by D. H. Madden.

SCALE 1:24 000

1 MILE — 7000 FEET — 1 KILOMETRE

APPROXIMATE MEAN DECLINATION, 1956

QUADRANGLE LOCATION

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

EXPLANATION

GL 8009
R 1300
C 12.0(C)
R 6125.0
TD 7464

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.

NR
C 0.9(H)
R 0.1
C 1.0(H)
R 1.1
C 0.5(H)

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.

GL – Ground level elevation
R – Rock interval
C – Coal interval
NR – No record of lithology
TD – Total depth

DRILL HOLE AND MEASURED SECTION DATA SYMBOLS

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

COAL BED SYMBOLS AND NAMES

TRACE OF COAL BED OUTCROP–Showing thickness of coal and rock, in feet, measured at triangle. Letter designates 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.

ANTICLINE–Showing axial trace; dashed where inferred; dotted where concealed.

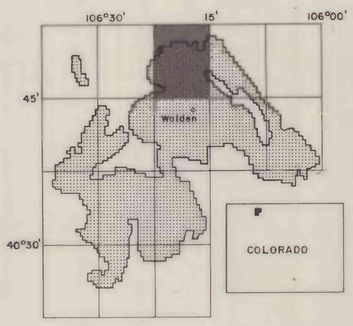
SYNCLINE–Showing axial trace; dashed where inferred; dotted where concealed.

STRIKE AND DIP OF BEDS

Coal mine, inactive or abandoned

COAL MINE SYMBOL

To convert feet to meters, multiply feet by 0.3048.



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

PLATE 1
COAL DATA MAP

COAL RESOURCE OCCURRENCE MAP OF THE COWDREY QUADRANGLE, JACKSON COUNTY, COLORADO

BY

AAA ENGINEERING AND DRAFTING, INC.

1980