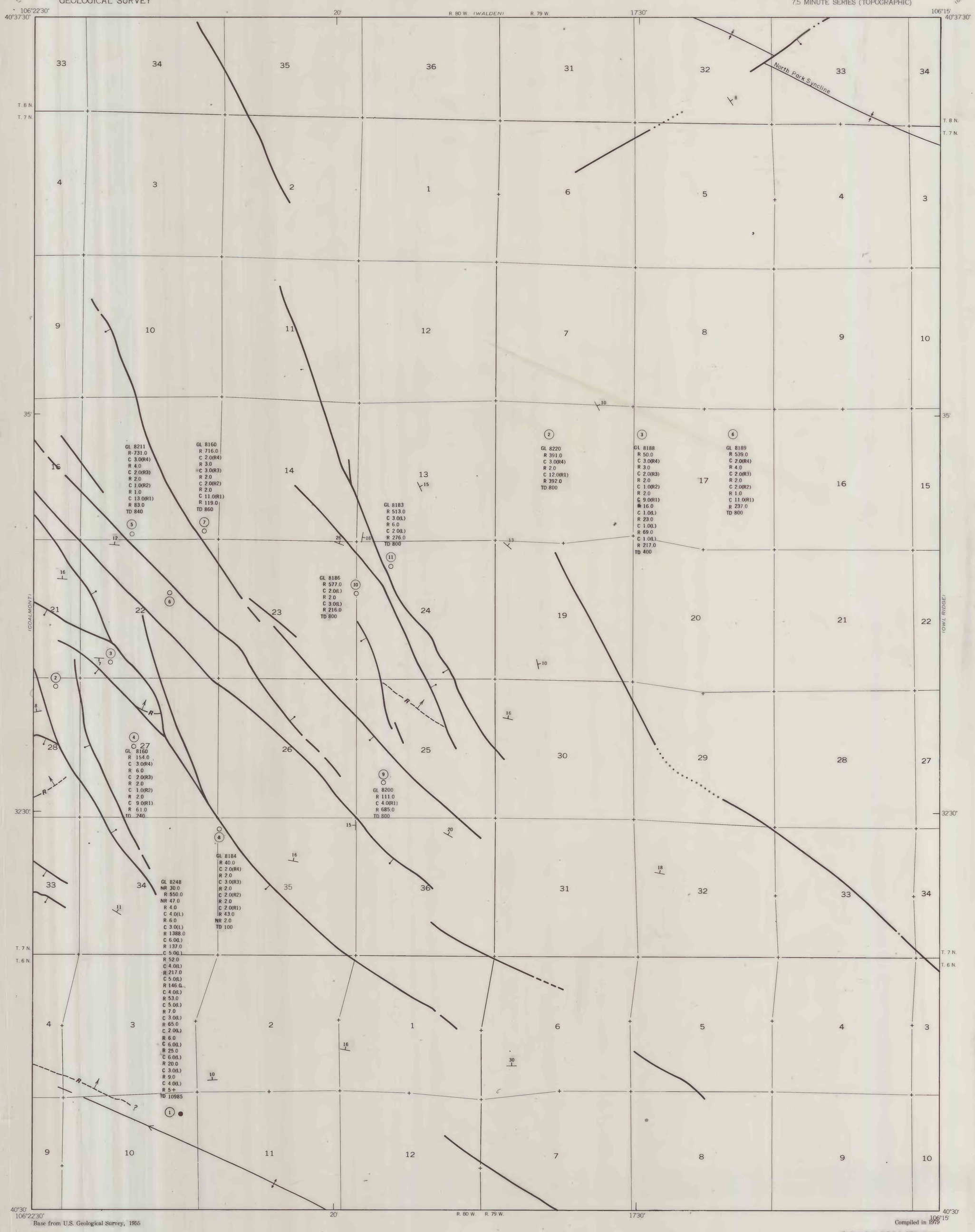
This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAC FARLANE RESERVOIR QUADRANGLE
COLORADO-JACKSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT 79-193

PLATE 1 OF 9



Base from U.S. Geological Survey, 1955

Compiled in 1979

Geology from U.S.G.S. OFR 77-888 by D. H. Madden.

SCALE 1:24 000

1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1955

15°

TRUE NORTH

MAGNETIC NORTH

COLORADO

QUADRANGLE LOCATION

EXPLANATION

(2) GL 8220
R 391.0
C 3.0(R4)
R 2.0
C 12.0(R1)
R 392.0

COAL TEST HOLE – Showing drill-hole data in feet. Letter and number designate name of coal bed as listed below. Index number refers to hole on plate 3 of CRO map.

(1) GL 8248
NR 30.0
R 550.0
NR 47.0
C 4.0(L)

OIL AND GAS TEST HOLE–Showing drill-hole data, in feet. Letter and number designate name of coal bed as listed below. Index number refers to hole 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 SYMBOLS

R1 – R4 – Riach coal beds 1–4
L – Local coal bed

COAL BED SYMBOLS AND NAMES

R

TRACE OF COAL BED OUTCROP – Letter designates the name of the coal bed as listed above. Arrow points toward the coal bearing area. Dashed where inferred.

FAULT – Dashed where approximately located: bar and ball on downthrown side where direction of movement is known.

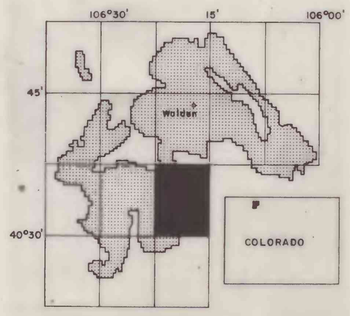
ANTICLINE–Showing axial trace and direction of plunge; dashed where inferred.

SYNCLINE–Showing axial trace.

16

STRIKE AND DIP OF BEDS

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE MAC FARLANE RESERVOIR QUADRANGLE (SHADED) AND THE McCALLUM KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED)

PLATE 1
COAL DATA MAP

COAL RESOURCE OCCURRENCE MAP OF THE MAC FARLANE RESERVOIR QUADRANGLE, JACKSON COUNTY, COLORADO

BY

AAA ENGINEERING AND DRAFTING, INC.

1980