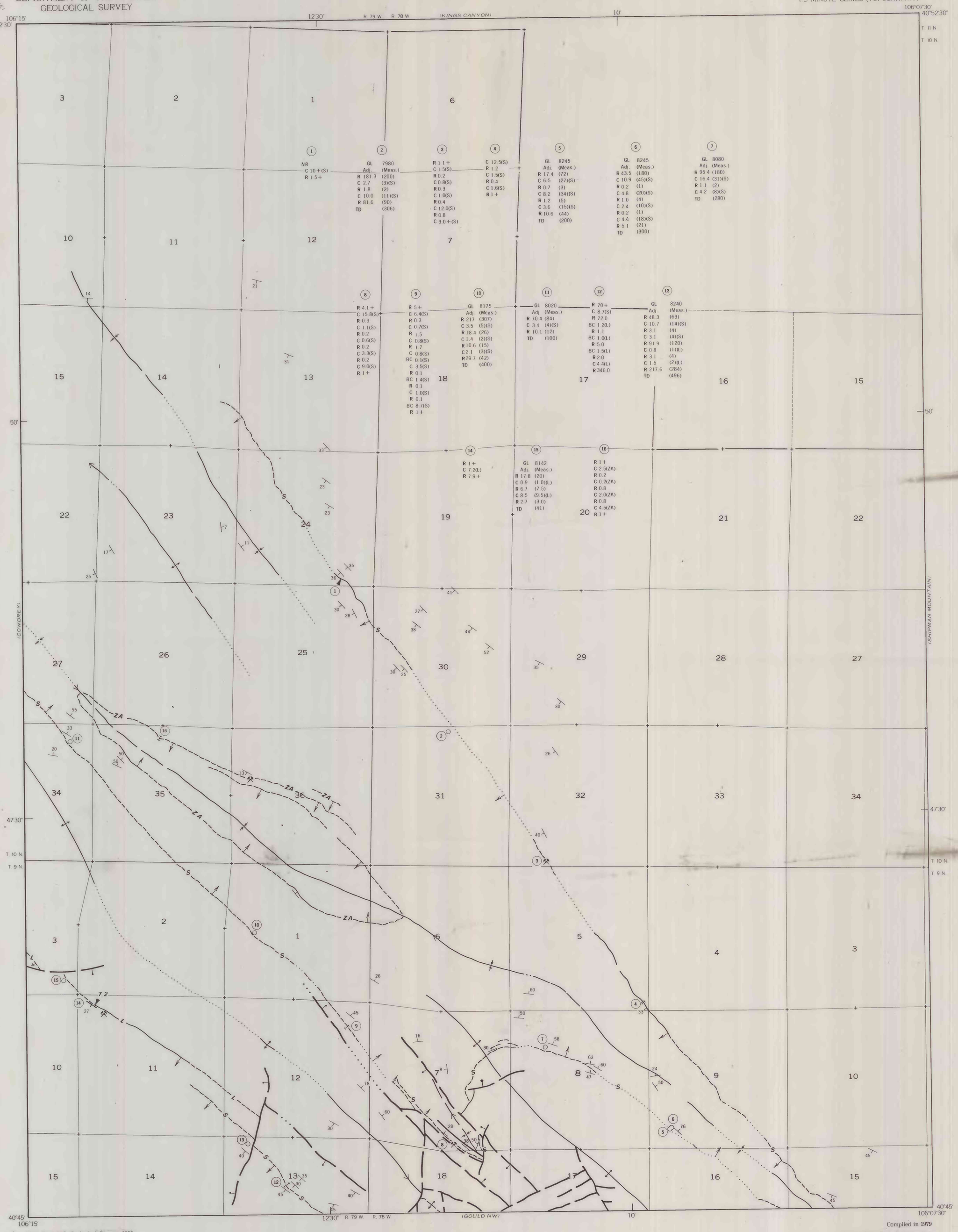
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EAGLE HILL QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1955

Compiled in 1979

Geology from W.J. Hail Jr., 1965.

SCALE 1:24 000

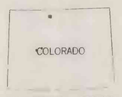
1 MILE — 7000 FEET — 1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1955

15°

TRUE NORTH

MAGNETIC NORTH



QUADRANGLE LOCATION

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

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PLATE 1 OF 9

EXPLANATION

(7) ○ — GL 8080; Adj. (Meas.); R 95.4 (180); C 16.4 (31)(S); R 1.1 (2); C 4.2 (8)(S); TD (280)

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

(3) ⚒ — R 1.1+; C 1.5(S); R 0.2; C 0.8(S)

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

(16) ⊢ — R 1+; C 2.5(ZA); R 0.2; C 0.2(ZA); R 0.8

LINE OF MEASURED SECTION – Showing coal and rock thickness, in feet. Letters designate name of coal bed as listed below. Index number refers to section on plate 3 of CRO map.

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

DRILL HOLE AND MEASURED SECTION DATA SYMBOLS

ZA – Coal Zone A
S – Sudduth coal bed
L – Local coal bed

COAL BED SYMBOLS AND NAMES

(14) 7.2 — S

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 the coal bearing area. Index number refers to section on plate 3 of CRO map. Dashed line indicates inferred outcrop. Dotted where concealed.

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

ANTICLINE – Showing axial trace and direction of plunge; dashed where approximately located; dotted where concealed.

SYNCLINE – Showing axial trace and direction plunge; dashed where approximately located; dotted where concealed.

50

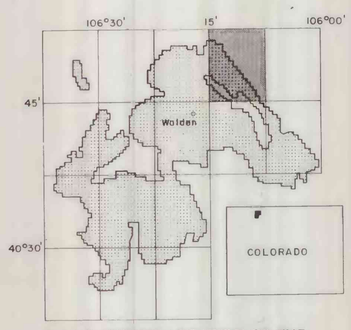
STRIKE AND DIP OF BEDS

⚒ Coal mine, inactive or abandoned

COAL MINE SYMBOL

To convert feet to meters, multiply feet by 0.3048.

NOTE:
The term "bony coal," as used in this report, may include material described in the data sources as bony coal, bone, shaly coal, dirty coal, smutty coal, or other similar terms.



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

PLATE 1
COAL DATA MAP

COAL RESOURCE OCCURRENCE MAP OF THE EAGLE HILL QUADRANGLE, JACKSON AND LARIMER COUNTIES, COLORADO

BY

AAA ENGINEERING AND DRAFTING, INC.

1980