OPEN-FILE REPORT 79-192

PLATE 5 OF 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JOHNNY MOORE MOUNTAIN QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)

(EAGLE HILL) (SHIPMAN MOUNTAIN) (HOME) 1:125 000

106°07'30" 106°00'
40°45'

R. 78 W. R. 77 W. 5' 2'30"

42'30"

T. 9 N.
T. 8 N.

40°37'30"

(GOULD NW) (GOULD) (HOME 1:125 000)

(OWL RIDGE) (HOME) 1:125 000

Base from U.S. Geological Survey, 1956

Compiled in 1979

EXPLANATION

7000 6600

STRUCTURE CONTOURS–Drawn on top of coal bed. Solid where vertical accuracy within 200 feet; long dashed where vertical accuracy possibly not within 200 feet; short dashed where projected above land surface. Contour interval is 400 feet (121.9 m). Datum is mean sea level.

○ 8250

DRILL HOLE–Showing altitude of top of coal bed, in feet. Drill holes which did not intersect top of coal bed or from which bed altitude could not be determined, are not shown.

▲ 8276

POINT OF MEASUREMENT–Showing altitude of top of coal bed, in feet.

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TRACE OF COAL BED OUTCROP–Showing symbol of name of coal bed. Arrow points toward 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.

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

15°

SUBSURFACE MINING LINE–Showing areas where dips of coal beds are greater than 15° and subsurface mining is not considered feasible. Arrow points toward areas where dips are greater than 15°.

To convert feet to meters, multiply feet by 0.3048.

SCALE 1:24 000

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

APPROXIMATE MEAN DECLINATION, 1956
TRUE NORTH
MAGNETIC NORTH
15°

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 5
STRUCTURE CONTOUR MAP
OF THE
SUDDUTH COAL BED