UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NE 1/4 MT ELLEN 15' QUADRANGLE
UTAH–GARFIELD CO

OPEN FILE REPORT 80-112
PLATE 1 OF 3

110°52'30" 50'00" 47'30" 110°45'
38°15' R.10E. R.11E. 38°15'
12'30" 10'00" 38°07'30"
T.29 S. T.30 S. T.31 S.

GL 4950
R 107
C 2(Fe)[u]
R 29
TD 138

R 212.6
C 1.1(Fe)[u]
R 16.3
C 1.7(Fe)[u]
R 1.0
TD NR

R 92.0
C 1.1(Fe)[u]
R 1.0
TD NR

GL 5034
R 240.0
C 2.5(Fe)[u]
R 14.5
C 3.5(Fe)[u]
R 35.5
TD 296

NR
R 1.0
C 1.1(Fe)[u]
R 1.0
NR

NR
C 0.6(Fe)[u]
NR

GL 5232
R 302.0
C 5.5(Fe)[2]
R 36.5
C 5.5(Fe)[1]
R 1.5
C 1.5(Fe)[1]
R 1.0
C 2.5(Fe)[1]
R 20.0
TD 376

NR
R 1.0
C 0.1
R 0.6
C 0.4
R 4.0
C 0.4
R 1.0
NR

NR
R 1.0
C 0.5
R 11.4
NR

NR
R 1.5
C 0.1
R 2.0
C 0.2
R 10.0
NR

NR
R 3.0
C 1.0
R 5.0
C 0.8
R 1.0
NR

NR
R 2.0
C 0.5
R 1.0
NR

NR
R 1.5
C 0.3
R 14.7
NR

NR
C 2.5(Fe)[u]
R 7.0
C 5.0(Fe)[3]
NR

NR
C 0.8(Fe)[u]
NR

NR
C 5.0(Fe)[4]
NR

NR
C 0.7(Fe)[u]
NR

Fe
Dak

78
27
45
56
35
30

EXPLANATION

GL 4950
R 107
C 2(Fe)[u]
R 29
TD 138

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Bracketed number(s) designate name of coal bed(s) as listed below.

NR
R 2.0
C 0.5
R 1.0
NR

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text.

NR
C 0.6(Fe)[u]
NR

COAL PROSPECT PIT - with measured section

GL - Ground level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED SECTION DATA SYMBOLS

Fe - Ferron coal zone
Fe[u] - Ferron coal zone, undifferentiated
Dak - Dakota coal zone

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

35

STRIKE AND DIP OF BEDS

Dak

TRACE OF COAL ZONE OUTCROP - Letters designate name of coal zone as listed above. Arrow points toward coal-bearing area. Dashed line indicates inferred outcrop.

To convert feet to meters, multiply feet by 0.3048.

111°00' 15' 45'
38°30' 38°00'

MAP SHOWING LOCATION OF THE NE 1/4 OF THE MT. ELLEN 15-MINUTE QUADRANGLE (HATCHED) AND THE HENRY MOUNTAINS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), UTAH.

Base from U.S. Geological Survey, 1962

Compiled in 1978/79

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETER

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

COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE MT. ELLEN 15-MINUTE QUADRANGLE, WAYNE AND GARFIELD COUNTIES, UTAH

BY
DAMES AND MOORE
1979

UTAH
QUADRANGLE LOCATION

PLATE 1
COAL DATA MAP