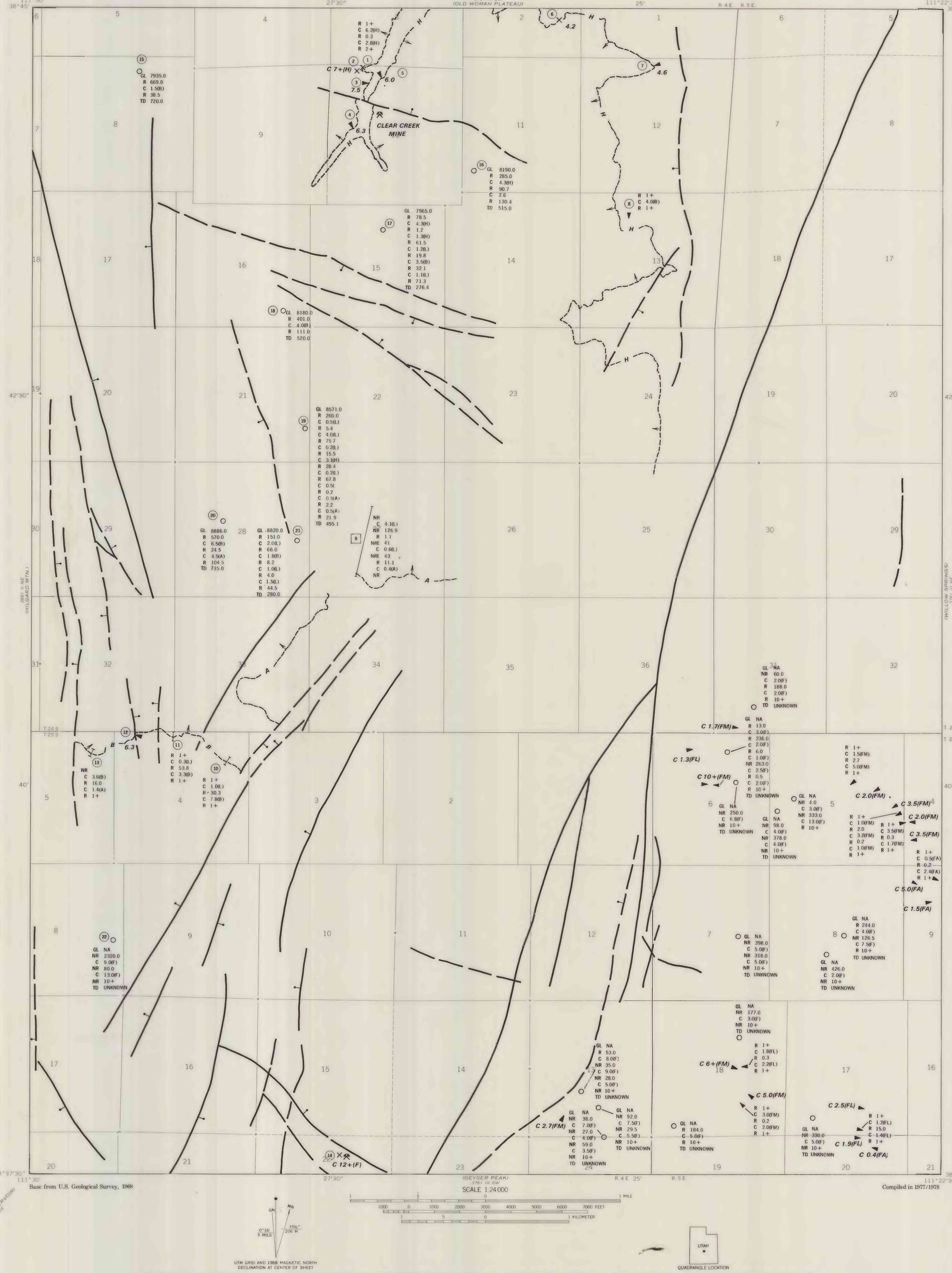
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JOHNS PEAK QUADRANGLE
UTAH – SEVIER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT 79-1015

PLATE 1 OF 8




## EXPLANATION

○ (20)

GL 8886.0
R 570.0
C 6.5(B)
R 24.5
C 4.5(A)
R 104.5
TD 710.0

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.

► (8)

R 1+
C 4.0(B)
R 1+

OUTCROP MEASURED SECTION – 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.

—— (11)

R 1+
C 0.3(L)
R 53.8
C 3.3(B)
R 1+

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.

—— [9]

NR
C 4.1(L)
NR 126.9
R 1.1
NRE 41
C 0.6(L)
NRE 43
R 11.1
C 0.4(A)
NR

LINE OF COMPOSITE SECTION – Showing coal and rock thickness, in feet. Letters designate name of coal bed as listed below Composite section is based on nearby coal thickness measurements. 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
NRE – No record of lithology, thickness estimated
TD – Total depth

DRILL HOLE, MEASURED SECTION, AND COMPOSITE MEASURED SECTION DATA SYMBOLS.

*L* – Local coal bed
*H* – Hiawatha (formerly Ivie of Spieker, 1931)
*B* – "B" Bed (formerly Upper Hiawatha of Spieker, 1931)
*A* – "A" Bed (formerly Hiawatha of Spieker, 1931)
*F* – Ferron coal zone
*FM* – Ferron (M zone)
*FL* – Ferron (upper zone L)
*FA* – Ferron (lower zone A)

COAL BED SYMBOLS AND NAMES

(5) H
6.0

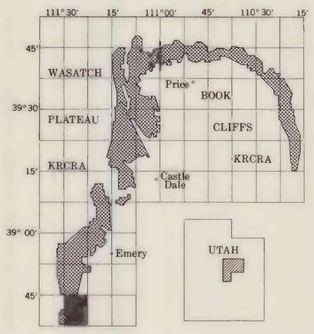
TRACE OF COAL BED OUTCROP–Showing thickness of coal, in feet, measured at triangle. Letter designates name of coal bed as listed above. Arrow points toward the coal-bearing area. Index number refers to section on plate 3 of CRO map. Dashed line indicates inferred outcrop. Trace of coal outcrop modified (from Spieker, 1931) to fit modern topographic map.

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

⚒ Coal mine, inactive or abandoned
× Coal prospect pit

COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048.




**MAP SHOWING LOCATION OF THE JOHNS PEAK QUADRANGLE (SHADED) AND THE BOOK CLIFFS AND WASATCH PLATEAU KNOWN RECOVERABLE COAL RESOURCE AREAS (STIPPLED), UTAH.**

Base from U.S. Geological Survey, 1968

Compiled in 1977/1978

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

SCALE 1:24 000

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

GN MN
0°16' 5 MILS
15½° 276 M

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET




QUADRANGLE LOCATION

# COAL RESOURCE OCCURRENCE MAP OF THE JOHNS PEAK QUADRANGLE, SEVIER COUNTY, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

PLATE 1
COAL DATA MAP