

**EXPLANATION**

GL 8825  
R 874.0  
C 4.0(L)  
R 134.0  
C 6.6(BC)  
R 59.4  
C 2.0(L)  
R 43.0  
TD 1123.0

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.

NR 0.10(HU)  
R 0.5  
C 0.20(HU)  
R 0.3  
C 2.3(HU)  
NR

OUTCROP MEASURED SECTION - 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.

R 4+  
C 0.5(BC)  
R 50.0  
C 4.5(HU)  
R 16.0  
C 4.0(H)  
R 2+

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.

R 7+  
C 3.0(BC)  
NR 90  
C 0.3(H)  
C 9.0(H)  
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  
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.

GWU - Upper Grimes Wash  
BCU - Upper Bear Canyon  
BC - Bear Canyon  
BC - Blind Canyon  
Co - Cottonwood  
HU - Upper Hiawatha  
H - Hiawatha  
L - Local coal bed

COAL BED SYMBOLS AND NAMES

R 5+  
C 1.4  
R 0.3  
C 4.4  
NR

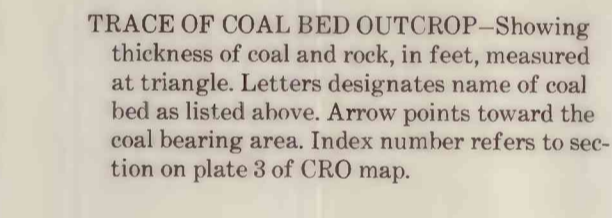
TRACE OF COAL BED OUTCROP - Showing thickness of coal and rock, in feet, measured at triangle. Letters designate name of coal bed as listed above. Arrow points toward the coal bearing area. Index number refers to section on plate 3 of CRO map.

FAULT - Dashed where approximately located; bar and ball on downthrown side.

Coal mine active  
Coal mine, inactive or abandoned  
Coal prospect pit

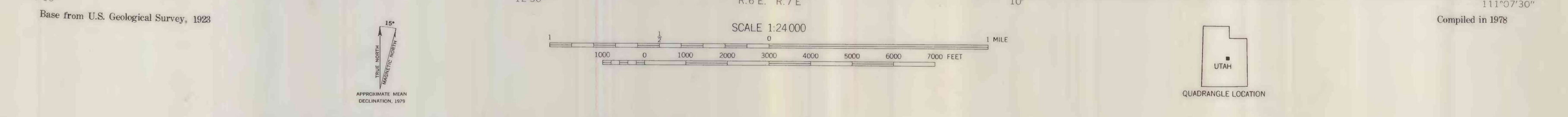
COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048



MAP SHOWING LOCATION OF THE SOUTHWEST QUARTER OF THE HIAWATHA 15-MINUTE QUADRANGLE (SHADED) AND THE BOOK CLIFFS AND WASATCH PLATEAU KNOWN RECOVERABLE COAL RESOURCE AREAS (STIPPLED), UTAH.

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



**COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE HIAWATHA 15-MINUTE QUADRANGLE, EMERY COUNTY, UTAH**

BY  
**AAA ENGINEERING AND DRAFTING, INC.**  
1979