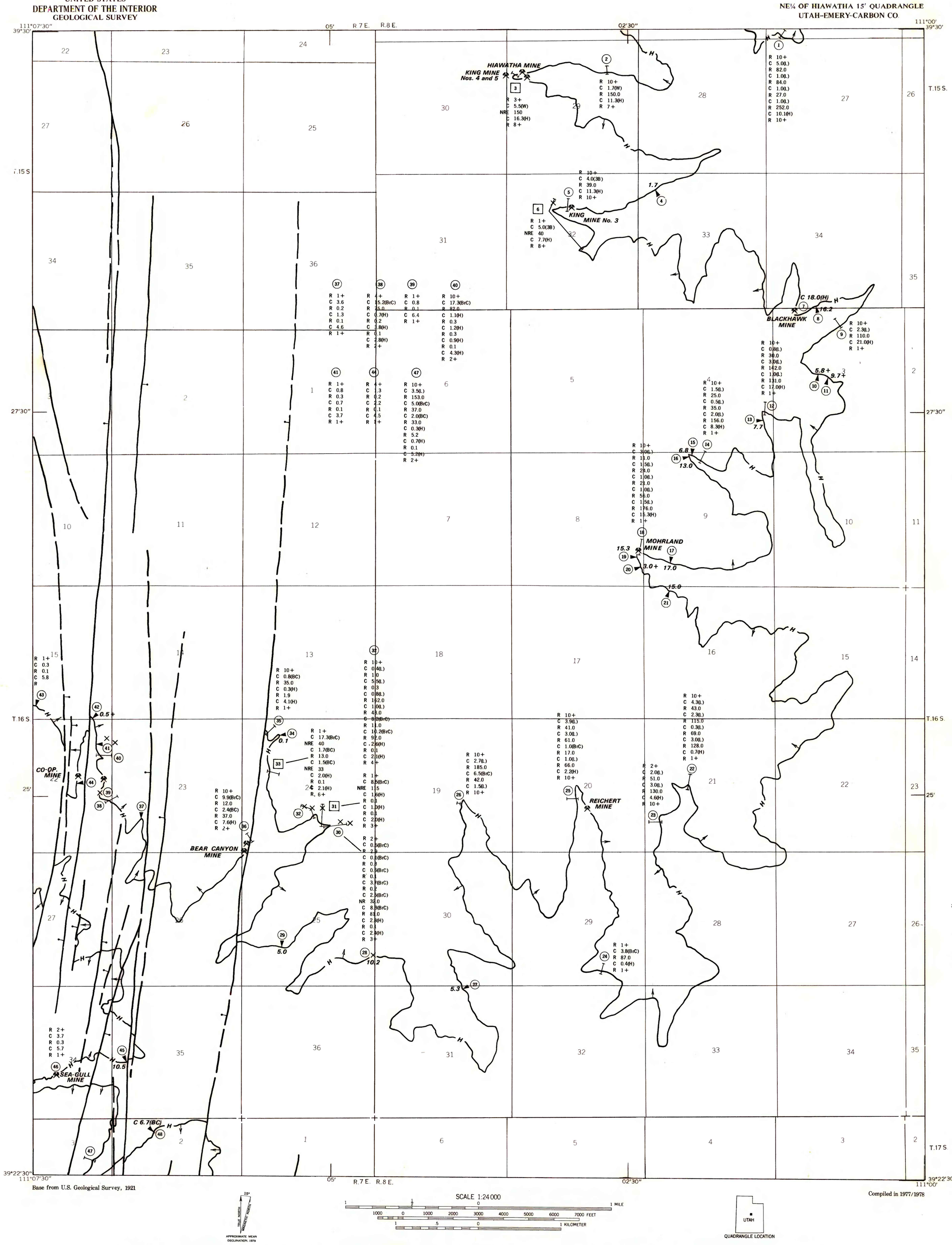
This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NE¼ OF HIAWATHA 15' QUADRANGLE
UTAH-EMERY-CARBON CO.

OPEN FILE REPORT 79-899

PLATE 1 OF 12




Base from U.S. Geological Survey, 1921

Compiled in 1977/1978

APPROXIMATE MEAN DECLINATION, 1979

SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER

QUADRANGLE LOCATION

## EXPLANATION

C 18.0(H)

MINE MEASURED SECTION – Abandoned mine, showing 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

C 6.7(BC)

OUTCROP MEASURED SECTION – Showing 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 10+
C 0.8(L)
R 131.0
C 17.0(H)
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.

R 1+
C 8.5(BrC)
NRE 115
C 1.6(H)
R 0.1
C 1.0(H)
R 0.1
C 2.0(H)
R 3+

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.

R – Rock interval
C – Coal interval
NR – No record of lithology
NRE – No record of lithology, thickness estimated

MEASURED SECTION, AND COMPOSITE MEASURED SECTION DATA SYMBOLS.

*L* – Local coal bed
*W* – Wattis
*3B* – Third Bed
*BrC* – Bear Canyon
*BC* – Blind Canyon
*H* – Hiawatha

COAL BED SYMBOLS AND NAMES

R 1+
C 0.3
R 0.1
C 5.8
R 1+

TRACE OF COAL BED OUTCROP–Showing thickness of coal and rock, 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.

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

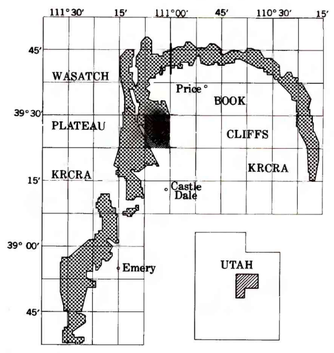
Coal mine active

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

# COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE HIAWATHA 15-MINUTE QUADRANGLE, EMERY AND CARBON COUNTIES, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

PLATE 1
COAL DATA MAP