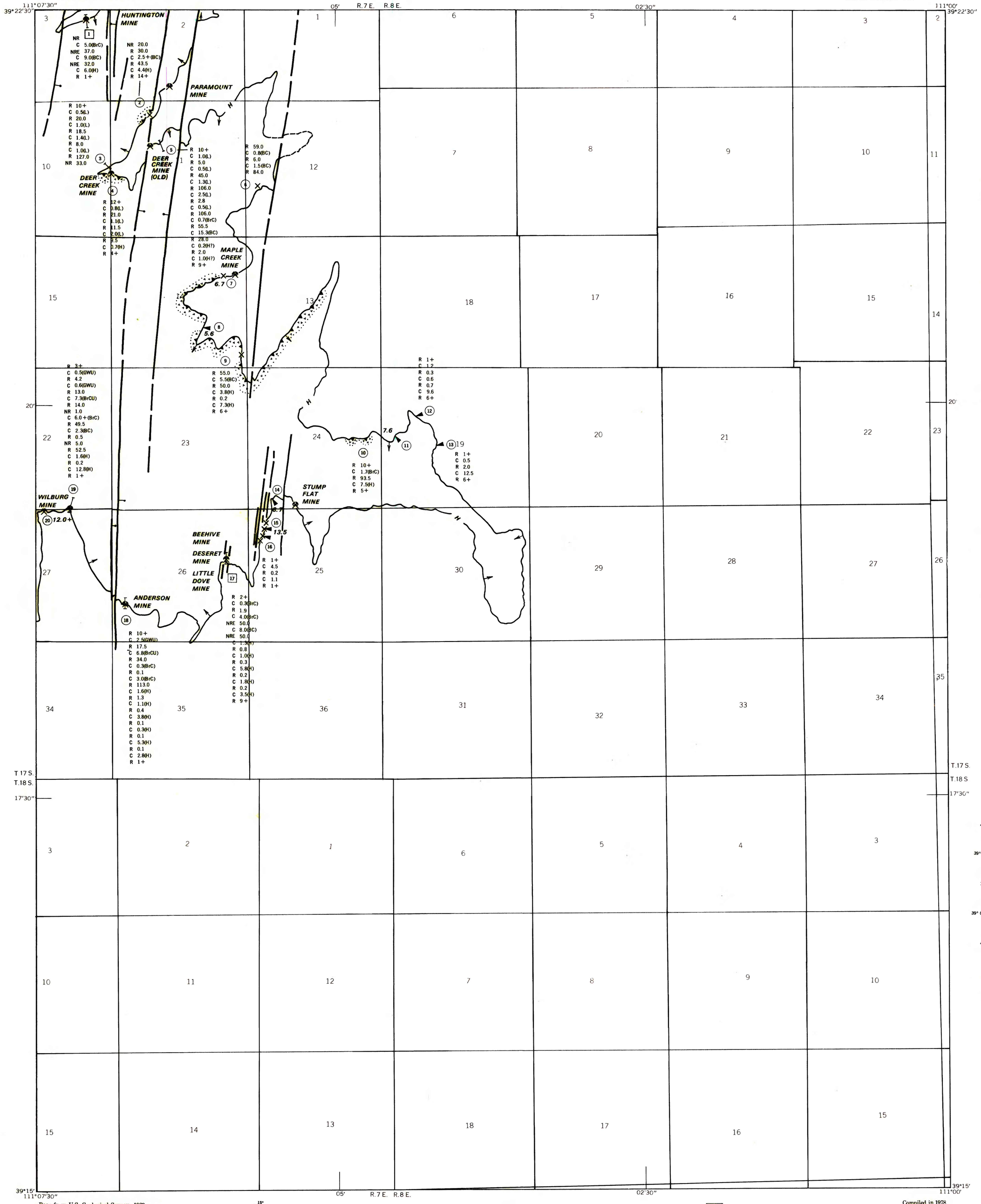
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SE ¼ HIAWATHA 15' QUADRANGLE
UTAH–EMERY CO.

OPEN-FILE REPORT 79-1001
PLATE 1 OF 12



Base from U.S. Geological Survey, 1923

Compiled in 1978

APPROXIMATE MEAN DECLINATION, 1979

SCALE 1:24000

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

QUADRANGLE LOCATION

EXPLANATION

(10) R 10+ / C 1.7(BC) / R 93.5 / C 7.5(H) / R 5+

LINE OF MEASURED SECTION – Showing coal and rock thickness, in feet. Letters designate names of coal beds as listed below. Index number refers to section on plate 3 of CRO map.

[1] NR / C 5.0(BrC) / NRE 37.0 / C 9.0(BC) / NRE 32.0 / C 6.0(H) / R 1+

LINE OF COMPOSITE SECTION – Showing coal and rock thickness, in feet. Letters designate names of coal beds 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.

GWU – Upper Grimes Wash
BrCU – Upper Bear Canyon
BrC – Bear Canyon
BC – Blind Canyon
H – Hiawatha
L – Local coal bed

COAL BED SYMBOLS AND NAMES

(11) H / 7.6

TRACE OF COAL BED OUTCROP–Showing thickness of coal, 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. Dashed line indicates inferred outcrop.

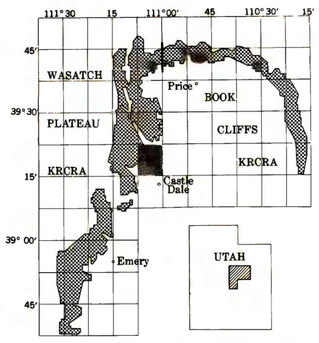
BURNED AND CLINKERED COAL BED–Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

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 SOUTHEAST 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 SOUTHEAST QUARTER OF THE HIAWATHA 15-MINUTE QUADRANGLE, EMERY COUNTY, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

PLATE 1
COAL DATA MAP