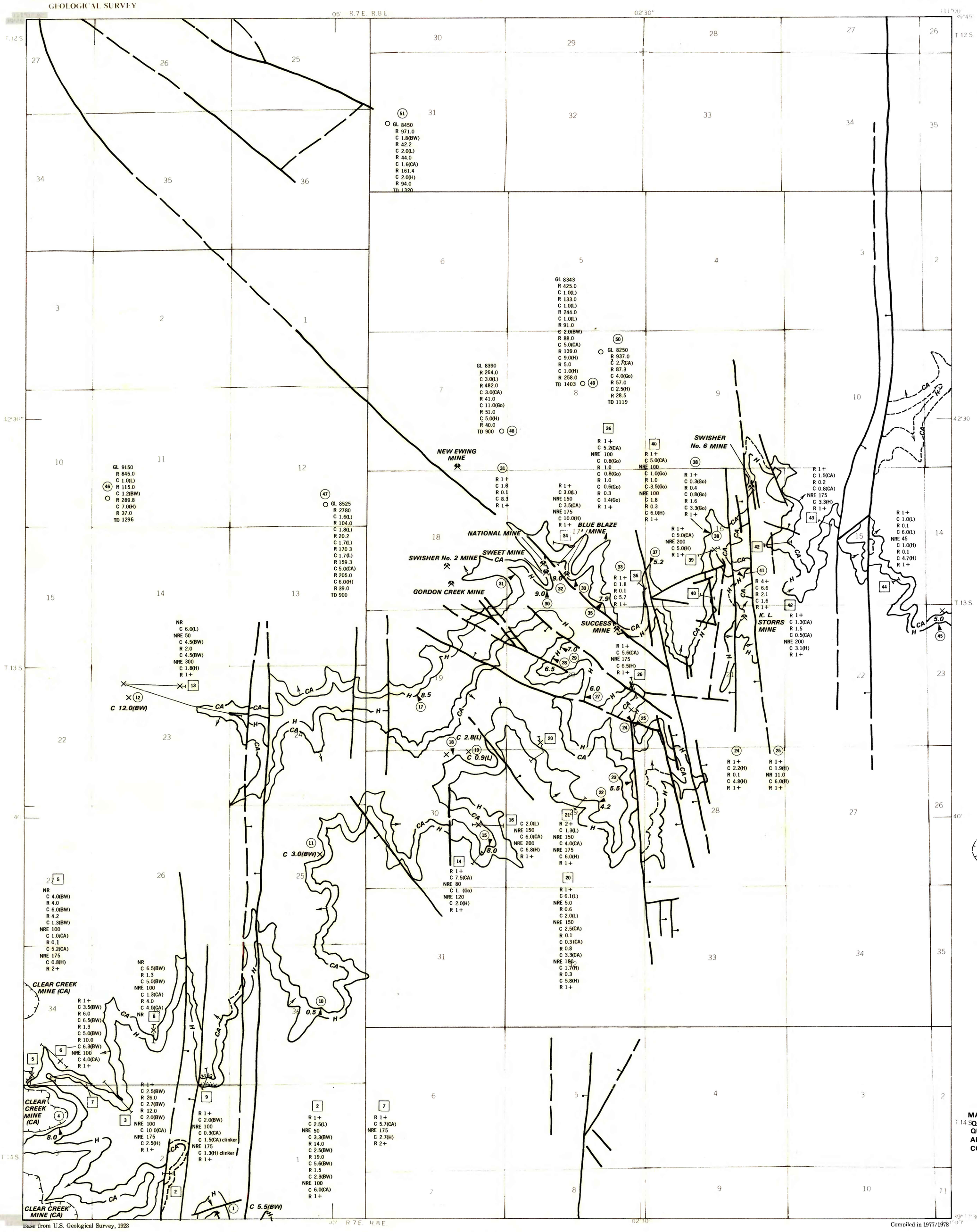
OPEN-FILE REPORT 79-484

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NE ¼ SCOFIELD 15' QUADRANGLE



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.

(12) C 9.0 (H)

MINE MEASURED SECTION – Abandoned mine, showing rock interval and thickness of coal, in feet. Letters and numbers designate name of coal bed as listed below. Index number refers to section on plate 3 of CRO map

(25)
R 1+
C 1.9(H)
NR 11.0
C 6.0(H)
R 1+

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.

26
R 1+
C 5.6(CA)
NRE 175
C 6.5(H)
R 1+

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.

L – Local coal bed
BW – Bob Wright
CA – Castlegate "A"
Go – Gordon
H – Hiawatha

COAL BED SYMBOLS AND NAMES

(4) CA 8.0

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. 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.

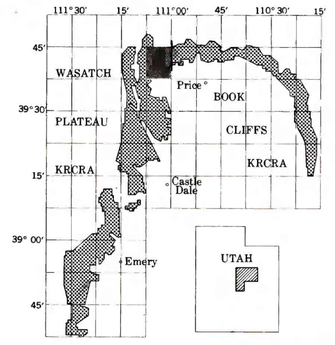
FAULT – Dashed where approximately located; bar and ball on downthrown side where direction of movement is known.

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

CLEAR CREEK MINE (CA) – Subsurface coal mine showing name of mine and beds removed; hachures point to mined-out-areas. Letters designate names of coal beds as listed above. Dashed where approximately located.

COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048.



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

Base from U.S. Geological Survey, 1923

Compiled in 1977/1978

15½° APPROXIMATE MEAN DECLINATION, 1979

SCALE 1:24 000

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

UTAH
QUADRANGLE LOCATION

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

PLATE 1
COAL DATA MAP

COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE SCOFIELD 15-MINUTE QUADRANGLE, CARBON COUNTY, UTAH

BY
AAA ENGINEERING AND DRAFTING, INC.

1979