UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NW ¼ SCOFIELD 15' QUADRANGLE

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

OPEN-FILE REPORT 79-483
PLATE 1 OF 12

EXPLANATION

(34) R 1+ / C 9.3(CA) / R 5.3 / ⚒ C 0.3(CA) / R 0.3 / C 5.0(CA) / R 1+

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.

[10] R 1+ / C 5.5(CA) / NRE 80 / C 2.5(L) / 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.

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.

BW – Bob Wright
CA – Castlegate "A"
UP – Union Pacific
L – Local coal bed

COAL BED SYMBOLS AND NAMES

(33) 9.5 CA

TRACE OF COAL BED OUTCROP–Showing thickness of coal in feet, measured at triangle. Letters designate the name of coal bed as listed above. Arrow points toward the coal bearing area. Dashed line indicates inferred outcrop.

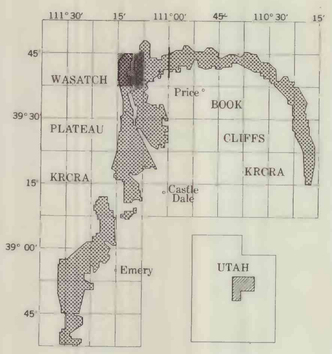
FAULT – Dashed where approximately located; bar and ball on downthrown side where direction of movement is known.

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

UTAH MINE (CA) — Subsurface coal mine showing name of mine and beds removed. Hachures point to mined-out areas. Dashed where approximately located. Letters and numbers designate names of coal beds as listed above.

COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE NORTHWEST 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

SCALE 1:24 000

APPROXIMATE MEAN DECLINATION, 1979

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE SCOFIELD 15-MINUTE QUADRANGLE, CARBON, EMERY AND SANPETE COUNTIES, UTAH,

BY
AAA ENGINEERING AND DRAFTING, INC.

1979

PLATE 1
COAL DATA MAP