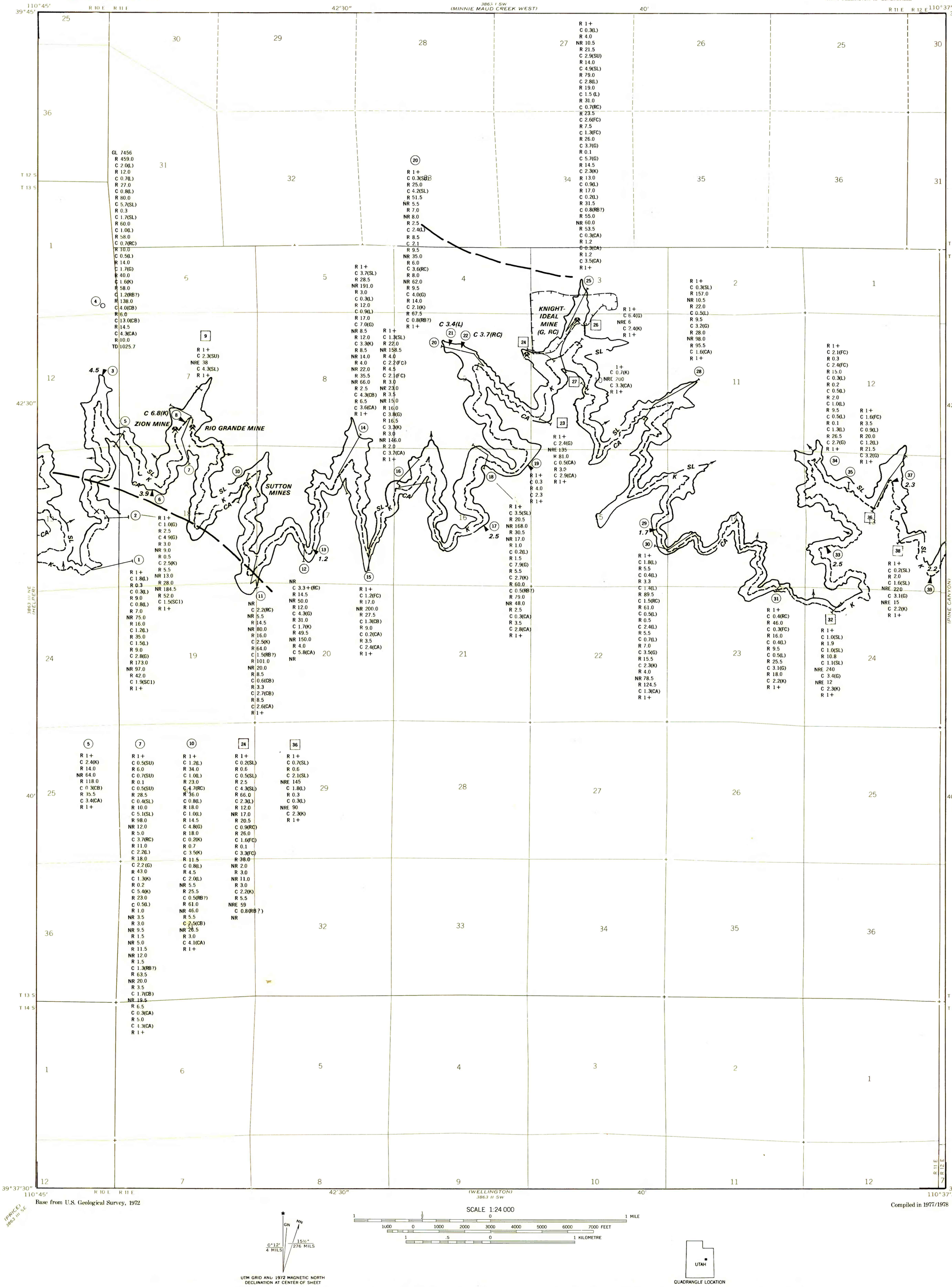
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEADMAN CANYON QUADRANGLE
UTAH—CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW¼ WELLINGTON 15' QUADRANGLE

OPEN FILE REPORT 79-149
PLATE 1 OF 20



Base from U.S. Geological Survey, 1972

Compiled in 1977/1978

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETRE

GN MN
0°12'
4 MILS
15½°
276 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

UTAH
QUADRANGLE LOCATION

EXPLANATION

GL 7456
R 459.0
C 2.0(L)
R 12.0

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 .

22 ▼ C 3.7(RC)

OUTCROP MEASURED SECTION – Showing 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.

5
R 1+
C 2.4(K)
R 14.0
NR 64.0
R 118.0
C 0.3(CB)
R 35.5
C 3.4(CA)
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 or in table of text.

9
R 1+
C 2.3(SU)
NRE 38
C 4.3(SL)
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.

SU – Upper Sunnyside
SL – Lower Sunnyside
RC – Rock Canyon
FC – Fish Creek
G – Gilson
K – Kenilworth
RB – Royal Blue
CB – Castlegate "B"
CA – Castlegate "A"
SC1 – Spring Canyon Sub 1
L – Local coal bed

COAL BED SYMBOLS AND NAMES

19
R 1+
C 0.3
R 4.0
C 2.3
R 1+
CA

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. Trace of coal outcrop modified (from Clark, 1928) to fit modern topographic map.

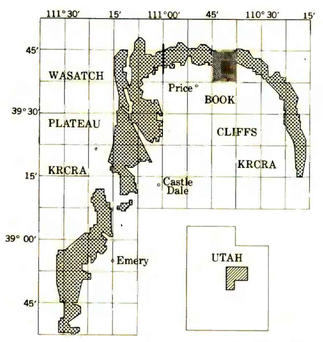
FAULT – Dashed where approximately located.

⚒ Coal mine, inactive or abandoned
× Coal prospect pit
Subsurface coal mine showing name of mine and beds removed; hachures point to mined-out-areas. Dashed where approximately located. Letters designate name of coal bed listed above.

KNIGHT-IDEAL MINE (G, RC)

COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE DEADMAN CANYON 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 DEADMAN CANYON QUADRANGLE, CARBON COUNTY, UTAH

BY
AAA ENGINEERING AND DRAFTING, INC.

1979

PLATE 1
COAL DATA MAP