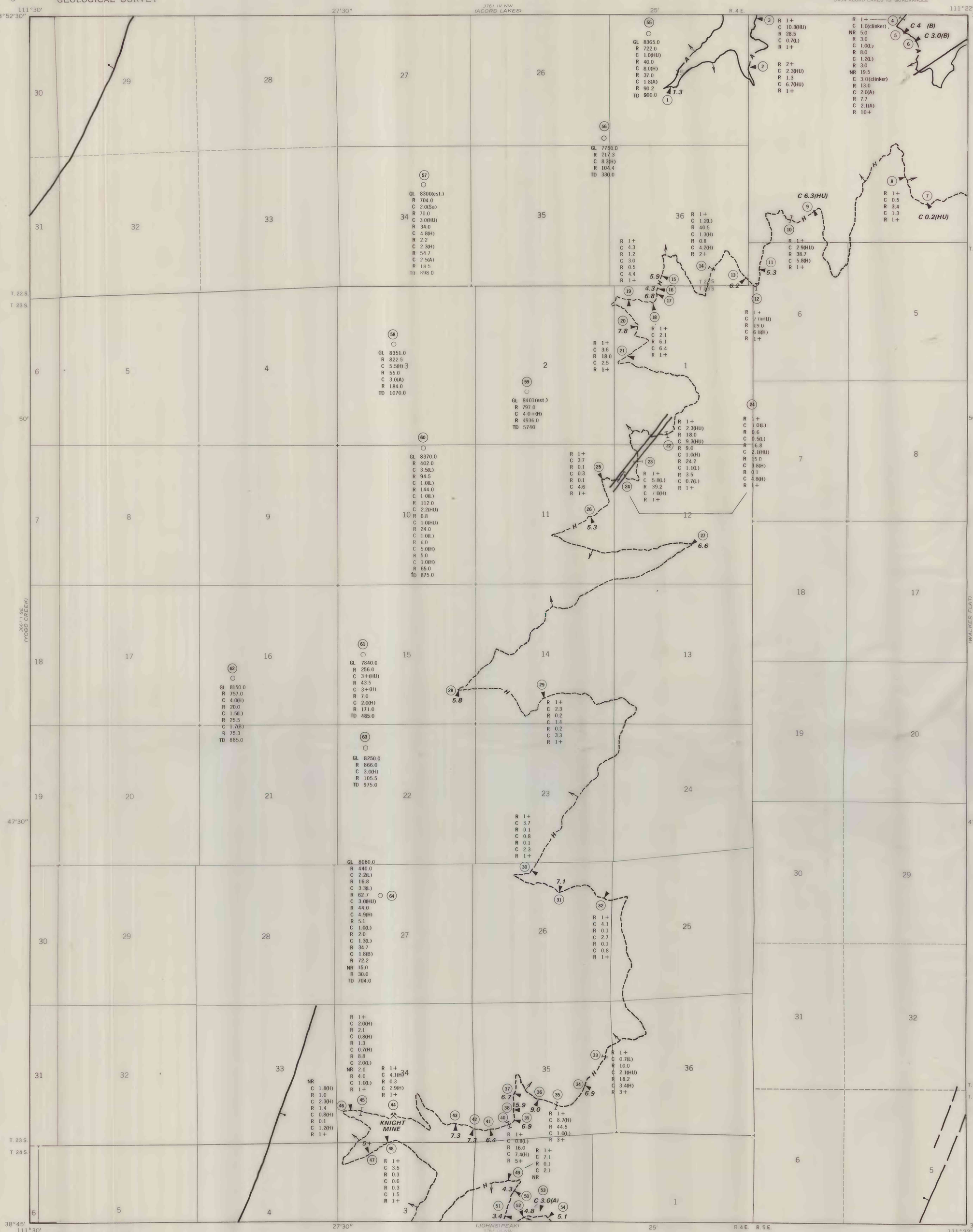
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OLD WOMAN PLATEAU QUADRANGLE
UTAH–SEVIER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ACORD LAKES 15' QUADRANGLE

OPEN FILE REPORT 79-1012
PLATE 1 OF 8



Base from U.S. Geological Survey, 1968

Compiled in 1978

SCALE 1:24 000

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

EXPLANATION

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.

MINE MEASURED SECTION – Mine, 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.

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.

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.

GL – Ground level elevation
R – Rock interval
C – Coal interval
NR – No record of lithology
TD – Total depth

DRILL HOLE AND MEASURED SECTION DATA SYMBOLS.

Sa – Saleratus
HU – Upper Hiawatha (formerly Upper Ivie of Spieker, 1931)
H – Hiawatha (formerly Ivie of Spieker, 1931)
B – "B" bed (formerly Upper Hiawatha of Spieker, 1931)
A – "A" bed (formerly Hiawatha of Spieker, 1931)
L – Local coal bed

COAL BED SYMBOLS AND NAMES

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. Dashed line indicates inferred outcrop. Trace of coal outcrop modified (from Spieker, 1931) to fit modern topographic map.

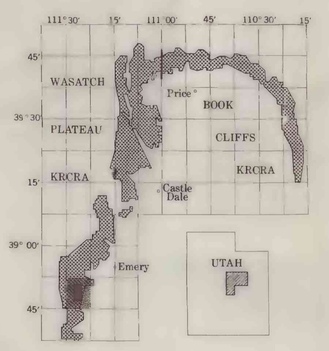
FAULT – Dashed where approximately located; bar and ball on downthrown side where direction of movement is known.

Coal mine active

Coal prospect pit

COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048



MAP SHOWING LOCATION OF THE OLD WOMAN PLATEAU 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.

PLATE 1
COAL DATA MAP

COAL RESOURCE OCCURRENCE MAP OF THE OLD WOMAN PLATEAU QUADRANGLE, SEVIER COUNTY, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979