UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FLAGSTAFF PEAK QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT 79-1007

PLATE 1 OF 16

3762 III NW (FERRON RESERVOIR)
3762 III NE (FERRON CANYON)
3762 III SW (HELIOTROPE MTN.)
3762 II (CASTLE DALE) 1:62 500
3761 IV (ACORD LAKES) 1:62 500

111°22'30" 20' 17'30" 111°15'
39°07'30" 39°00'
T. 19 S. T. 19½ S. T. 20 S. T. 21 S.
R. 5 E. R. 6 E.

EXPLANATION

MINE MEASURED SECTION – Abandoned 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.

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

R – Rock interval
C – Coal interval
NR – No record of lithology

MEASURED SECTION DATA SYMBOLS

SH – Slide Hollow
M1 – Muddy No. 1
H – Hiawatha (formerly Muddy No. 2 of Spieker, 1931, west of intertonguing zone)
C – "C" Bed(formerly Muddy No. 1 of Spieker, 1931, west of intertonguing zone)
A – "A" Bed (formerly Hiawatha of Spieker, 1931, west of intertonguing zone)
L – Local coal bed

COAL BED SYMBOLS AND NAMES

9 — A — 3.1

TRACE OF COAL BED OUTCROP–Showing thickness of coal 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.

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

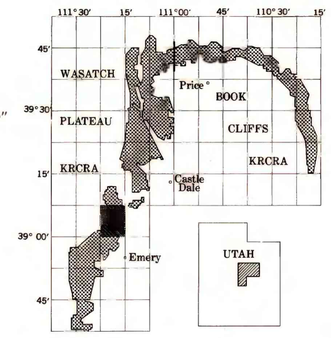
FAULT – Dashed where approximately located; bar and ball on downthrown side where direction of movement is known.

Coal mine, inactive or abandoned
Coal prospect pit

RICCI MINE (C) — Subsurface coal mine showing name of mine and bed removed. Hachures point to mined out areas. Dashed where approximately located. Letter designates name of coal bed as listed above.

COAL MINE SYMBOLS

To convert feet to meters, multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE FLAGSTAFF PEAK 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.

Base from U.S. Geological Survey, 1966

Compiled in 1978

SCALE 1:24 000

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

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE FLAGSTAFF PEAK QUADRANGLE, SANPETE, EMERY, AND SEVIER COUNTIES, UTAH

BY

AAA ENGINEERING AND DRAFTING, INC.

1979

PLATE 1
COAL DATA MAP