UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 78-616

PLATE 12 OF 18

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

R. 93 W. R. 92 W.

T. 144 N.
T. 143 N.
T. 143 N.
T. 142 N.

EXPLANATION

2100

2120

STRUCTURE CONTOURS--Drawn on the top of the coal bed. Long dashed where inferred, short dashed where projected through noncoal-beraing area. Contour interval is 20 feet (6.1m). Datum is mean sea level.

100

OVERBURDEN ISOPACH--Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval is 100 feet (30.5m).

2177
103

DRILL HOLE--Showing elevation of the top of the coal bed, in feet (upper number). Showing thickness of overburden, in feet, from the surface to top of the coal bed (lower number).

BZ

TRACE OF INFERRED COAL BED OUTCROP--Arrow points toward coal bearing area.

To convert feet to meters, multiply feet by 0.3048.

BASE FROM U.S. GEOLOGICAL SURVEY, 1970

COMPILED IN 1978

SCALE 1:24,000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

# COAL RESOURCE OCCURRENCE MAP OF THE MARSHALL NW QUADRANGLE, DUNN COUNTY, NORTH DAKOTA

BY

WOODWARD-CLYDE CONSULTANTS

1978

PLATE 12

STRUCTURE CONTOUR AND OVERBURDEN MAP OF THE BEULAH-ZAP COAL BED