UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 78-996

PLATE 15 OF 17

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

R. 91 W. R. 90 W.

T. 144 N.
T. 143 N.

T. 143 N.
T. 142 N.

EXPLANATION

10 — ISOPACH OF THE COAL BED--Showing thickness in feet. Hachures indicate an area of local thinning of coal. Isopach interval 1 foot (0.3m). Arrow points toward reserve base coal.

6 / 60 — DRILL HOLE--Showing thickness of the coal bed in feet, (upper number). Showing value of mining ratio for the coal bed within stripping limit (lower number).

200 — 200 FOOT OVERBURDEN ISOPACH--Used as boundary for surface mining. Arrows point toward area suitable for surface mining.

To convert feet to meters, multiply feet by 0.3048.

To convert cubic yards/short ton to cubic meters/metric ton, multiply by 0.842.

BASE FROM U.S. GEOLOGICAL SURVEY, 1970

COMPILED IN 1978

GN MN
2°04'
37 MILS
12 1/2
222 MILS

SCALE 1:24,000

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

NORTH DAKOTA
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SCHAFFNER CREEK QUADRANGLE, DUNN AND MERCER COUNTIES, NORTH DAKOTA

BY

WOODWARD-CLYDE CONSULTANTS

1978

PLATE 15

ISOPACH AND MINING RATIO MAP

OF THE BEULAH-ZAP COAL BED