UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 78-996

PLATE 12 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.

BASE FROM U.S. GEOLOGICAL SURVEY, 1970

COMPILED IN 1978

EXPLANATION

1 5 1

ISOPACH OF COAL BED--Showing thickness in feet. Isopach interval 1 foot (0.3m). Arrow points toward reserve base coal.

5
91

DRILL HOLE--Showing thickness of the coal bed in feet.

1 200 1

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/ton to cubic meters/ton multiply by 0.842.

NOTE: Mining ratio contours are not shown in areas suitable for surface mining because mining ratio values are greater than 15.

SCALE 1:24,000

1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

GN MN
2°04'
12 1/2
222 MILS

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 12
ISOPACH AND MINING RATIO MAP
OF THE HAZEN COAL BED