# WISCONSIN GEOLOGICAL SURVEY.

T. C. CHAMBERLIN, CHIEF GEOLOGIST.

PLATE N° XXX

## MAP OF

## THE MENOMINEE IRON DISTRICT

AND

## ADJACENT TERRITORY

BY

CHAS. E. WRIGHT, M. E.

F. H. BROTHERTON } Topographical
W. F. BROTHERTON } Assistants

1879.

*Compiled from U. S. Linear Surveys, Geological and Topographical Surveys of Major T. B. Brooks, Prof. T. C. Chamberlin Prof. R. Pumpelly and Chas. E. Wright; also topographical Surveys of Messrs. Mathews & Longyear, Chicago & Northwestern Railway and others.*

### EXPLANATIONS

- Strike of bedding of rocks, dip unknown
- Strike and dip of bedding of rocks
- Strike of bedding, dip vertical or nearly so — or
- Bedding contorted or bent, dip shown by arrow
- Rock massive - strike and dip cannot be made out
- Anticlinal axis, or when inclined
- Synclinal axis or when inclined
- Iron locations where work has been done or mines opened
- Magnetic Signs: No local attraction; Moderate local attraction; Strong

## GEOLOGICAL CROSS SECTION A.B. OF MENOMINEE AND PINE RIVER SERIES.

BY CHAS. E. WRIGHT, M.E.

SCALE 2850 FT. TO ONE INCH

LOWER SYURIAN

A. Dolerites or magnetic Abrasions supposed to be due to iron ore

B. Marble, notably siliceous and dolomitic

Diorite

Hornblende Gneiss

Greenstone, undetermined

Sagittaceous Slate

Granite

Gneiss

Quartzite

Amphibole Rock

Calcareous quartzite

Mon. Schist

Hornblendic Rock

Hornblende Schist

Chloritic or argillaceous Schist

Micaceous Hornblende Schist

Plumbaginous Schist

Chloritic Schist

Calcareous Chloritic Schist

Talcose Schist

Pine River Series

Sections 23 to 27

Sections 27 to 31

Sections 31 to 35

Sections 35 to 39

HURONIAN GRANITE

MARINETTE COUNTY

OCONTO COUNTY

MENOMINEE

GREEN BAY

MATHEWS & LONGYEAR, DRAUGHTMEN