# MAP OF THE CAMBRIAN AND PRE-CAMBRIAN OF NORTH CENTRAL WISCONSIN

CLARK, WOOD, PORTAGE, MARATHON, LINCOLN, TAYLOR AND PARTS OF LANGLADE, RUSK AND PRICE COUNTIES.

BY

SAMUEL WEIDMAN

WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY.

Scale 1 Inch = 3 Miles.

## LEGEND

CAMBRIAN FORMATION.

*Occurs in nearly horizontal beds upon the folded and metamorphic Pre-Cambrian formations.*

POTSDAM SANDSTONE (Upper Cambrian)

*UNCONFORMITY.*

PRE-CAMBRIAN FORMATIONS.

*UPPER SEDIMENTARY SERIES*

*Occurs in widely separated small areas.*

CONGLOMERATE AND QUARTZITE

*UNCONFORMITY.*

*IGNEOUS INTRUSIVE SERIES.*

*The syenite-granite rocks.*

*The granite is of widespread occurrence.*

*The quartz-syenite and nepheline-syenite occur mainly in the vicinity of Wausau.*

NEPHELINE-SYENITE

QUARTZ-SYENITE

GRANITE

*The diorite is coarse and fine grained (greenstone) with phases of gabbro and peridotite.*

DIORITE-GABBRO

*Massive and schistose rhyolite of fairly uniform character.*

RHYOLITE

*UNCONFORMITY?*

*LOWER SEDIMENTARY SERIES.*

*Isolated areas of quartzite at Rib Hill, Powers Bluff, etc.*

QUARTZITE

*Black slate, greywacke, and staurolitic schist.*

SLATE

*UNCONFORMITY?*

*BASAL GROUP.*

*Foliated gneisses, granite schists, and diorite schists.*

GNEISS AND SCHIST

## CONVENTIONAL SIGNS.

Roads and buildings

Railroads

Bridges

U.S. township and section lines

County lines

Township lines

Stone Quarries

Brick Yards

Prominent Hills

Cities and Villages

Dams

B.M. 1282 Bench marks

Streams

Falls and rapids

Canals and ditches

Lakes and Ponds

Swamps and Marshes

NOTE.— For vertical cross sections of the area showing the geological structure see figures in the accompanying Plate IA.

NORTHWESTERN LITHO. CO. MILWAUKEE.