GEOLOGICAL MAP of the LAKE SUPERIOR LAND DISTRICT in the State of Michigan.

Prepared pursuant to an Act of Congress approved March 1st 1847, entitled an Act to establish a new Land District and to provide for the sale of mineral lands in the State of Michigan

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Notes.

THE SOUNDINGS which are in feet, are taken from CAPT BAYFIELD'S CHART. The *GEOLOGY* of the North-shore is laid down from our own observations, together with those of LOGAN, BAYFIELD and MATHER. In the heights given, LAKE SUPERIOR is assumed as the Base Line.

The area embraced within the *LAKE SUPERIOR LAND DISTRICT* is divided into townships.

The principal meridian passes through Sault Ste. Marie, and the Ranges are numbered East and West from that Line

The Townships are numbered North from a base line which starts from Lake St Clair and runs due West to Lake Michigan.

The Geographical portion of the Map is compiled from Bayfield's Chart and the United States linear surveys

Symbols

- COPPER.
- IRON.
- SILVER.
- BEDS OF MARBLE.
- COPPER FURNACE.
- IRON FORGE.
- MINE WROUGHT.
- MINE ABANDONED.
- HORIZONTAL STRATA.
- VERTICAL STRATA.
- CONTORTED.
- DIP.
- BEARING.

IGNEOUS FORMATION
- ASSOCIATED WITH THE AZOIC: GRANITE; TRAPPEAN ROCKS
- ASSOCIATED WITH THE SILURIAN: TRAPPEAN ROCKS

METAMORPHIC FORMATION
- AZOIC SYSTEM: CRYSTALLINE SCHISTS; QUARTZ

AQUEOUS FORMATION
- SILURIAN SYSTEM: CONGLOMERATE; POTSDAM SANDSTONE; CALCIPEROUS SANDSTONE; TRENTON LIMESTONE (Including the Cincinnati Group, Birdseye & Black River Limestone); HUDSON RIVER GROUP; NIAGARA LIMESTONE (Including the Clinton Group); ONONDAGA SALT GROUP
- DEVONIAN SYSTEM: UPPER HELDERBERG GROUP

627 FEET ABOVE THE OCEAN LEVEL
900 FEET DEEP
AREA 32000 SQUARE MILES

LAKE MICHIGAN
574 FEET ABOVE THE OCEAN LEVEL

SCALE OF MILES.

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

LONGITUDE WEST FROM GREENWICH