

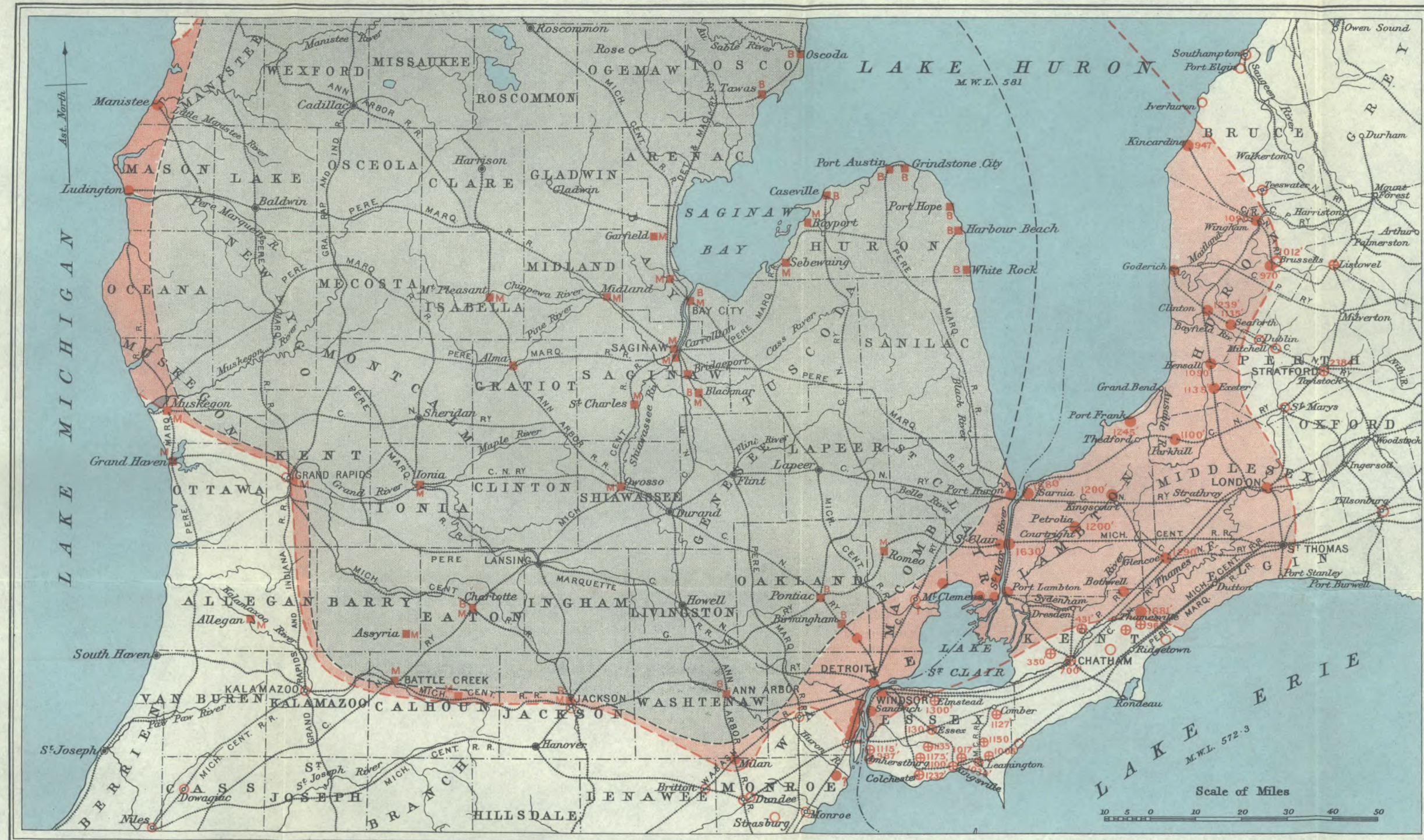
Canada  
DEPARTMENT OF MINES

HON. CHARLES STEWART, MINISTER; CHARLES CAMSELL, DEPUTY MINISTER

MINES BRANCH

JOHN MCLEISH, DIRECTOR

1930



LEGEND

- Probable boundary of known productive area of Salina
- Salina unexplored in area. Probable depth to Salina in centre of this basin is 4200± feet.
- Drill-holes penetrating Salina which encounter Rock Salt.
- Drill-holes penetrating Salina which do not encounter Rock Salt.
- ⊕ Drill-holes encountering only brines. The horizon of the brines from these wells is not known. The character of the rock encountered in wells seems to indicate the absence of Salina in this area.
- B Drill-holes penetrating the Berea Sandstone
- M Drill-holes penetrating the Marshall Sandstone.

NOTES:-

The brines from the Berea are very highly saturated; but of late years have not been used as a source of salt. Where these brines are encountered at depth, there is a marked increase in the percentage of bromides and the bittern was formerly used for the manufacture of bromine.

The Marshall Sandstone near the centre of the basin yields a strong brine which is the source of most of the salt in the Saginaw valley.

Figures in red after drill-holes show depth at which rock salt or brine was first encountered.

ONTARIO-MICHIGAN SALT BASIN  
SHOWING PROBABLE LIMIT OF PRODUCTIVE AREA