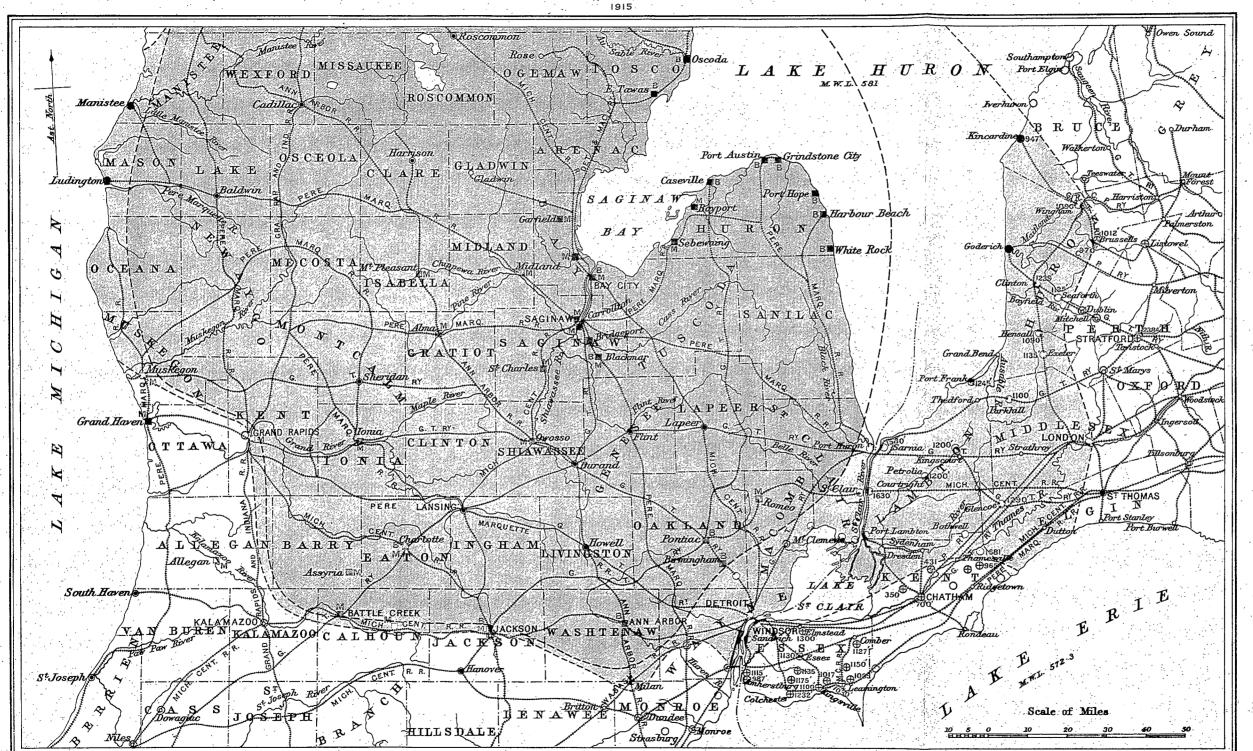
Canada DEPARTMENT OF MINES

HONLOUIS CODERRE, MINISTER, R.C. McCONNELL, B.A., DEPUTY MINISTER.

MINES BRANCH

EUGENE HAANEL, PH.D., DIRECTOR



LEGEND

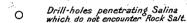


Probable boundary of known productive area of Salina.



Salina unexplored in area. Probable depth to Salina in centre of this basin is 4200*feet.





Drill-holes 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 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.

Information compiled from reports of Geological Survey of Canada, Ontario Bureau of Mines and Michigan Geological Survey.