



MAP
 Showing the Occurrences of
IRON ORES AND OTHER MINERALS
 in portions of the Counties of
 FRONTENAC, LANARK, RENFREW and LEEDS
 ONTARIO

Natural Scale 1:62,500
 Scale 2 statute miles to 1 inch

To accompany Report by
 ELFRIC DREW and W. INGALL, A.R.S.M.

Legend

- | | |
|-------------------------|------------------------|
| Trenton and Black River | IRON |
| Cambro-Silurian | Magnetite deposits |
| Potsdam | ditto reported |
| Archean | Hematite deposits |
| | ditto reported |
| | Not specified reported |
| Lead, (Galena) | 5 |
| Pyrites | A |
| Apatite | P |
| Mica | M |
| Graphite | G |
| Sandstone, Quarries | S |
| Strike & dip | — |
| Heights above sea-level | 524' |

Topography from surveys by J. White and from plans of the Crown Lands Department of Ontario. Geological boundaries according to J. White and R.W. Ellis.

NOTES

The Mineral Occurrences shown by the above signs differ greatly in importance, varying from mere reported occurrences to those which have been worked and proved to be of considerable extent. Regarding most of the minerals shown, no data are available enabling distinctions to be made. In the case of Iron Ores, however, the larger sign is used to designate the better known or more important occurrences, and the smaller to show the points where other deposits or indications of such are reported to occur.

The shaded portions of the map represent a series of granitic, gneissic and basic rocks with large developments of crystalline limestone, all of Archean age, the strike of the whole sweeping northwest and southeast. In this series occur the deposits of Magnetite Iron Ore, Apatite, Mica, etc. To the south, these rocks are covered by beds of Cambro-Silurian age, the series accepted by which are delineated on the map by red shading. The Hematites, with one exception, occur in connection with the best beds (Potsdam and Out-liers) of this formation. These beds are frequently found as separate small outlying patches, which are generally shown in the western part of the map, but not in the northern part where the information for this purpose is incomplete.

C.O. Smead, Chief Draftsman
 L.S. Richard, Draughtsman

SUPERSEDED
 MAY 5 1994
 EDITION

NOT TO BE TAKEN FROM LIBRARY
 NE PAS SORTIR DE LA BIBLIOTHEQUE

626

626