

CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

MAP 13-1958

DRIFT-THICKNESS CONTOURS
CITY OF OTTAWA
(WEST PART)
CARLETON COUNTY
ONTARIO

Scale: One Inch to 1,000 Feet = $\frac{1}{12,000}$
Feet
1000 500 0 1000 2000 3000

LEGEND

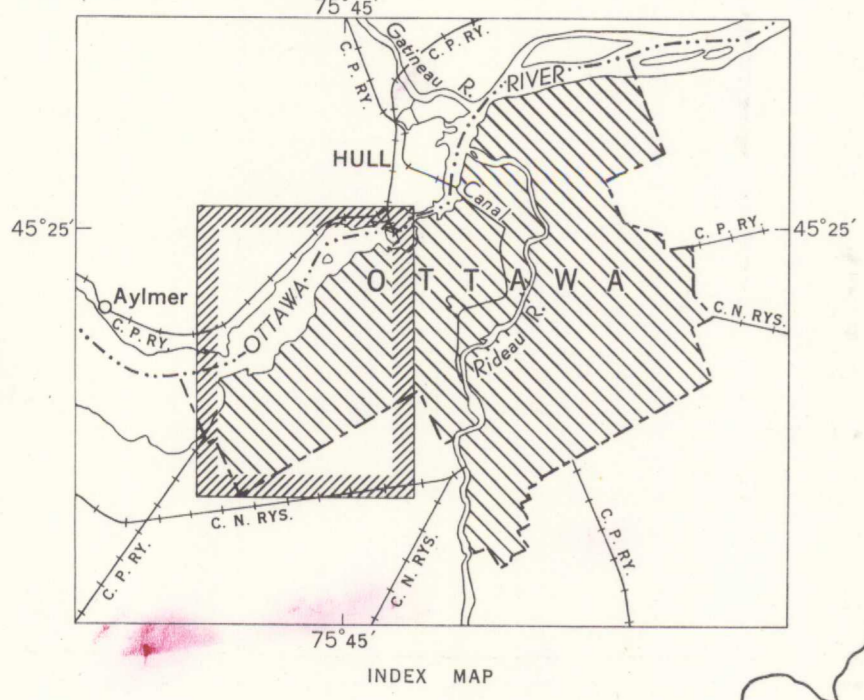
- Thickness of overburden in feet 20
- Contours showing drift-thickness; interval 10 feet (approximate, assumed) 10
- Topographic contours (interval 5 feet) 5
- Interprovincial boundary
- City boundary

Compiled by J. M. Bostock, 1957, 1958

Cartography by the Geological Cartography Unit, 1958

Base-map from published and unpublished maps by the Federal District Commission and the City of Ottawa

Approximate magnetic declination, 13° 36' West



DESCRIPTIVE NOTES

The Ottawa Soil Mechanics Group, formed under the sponsorship of the Associate Committee on Soil and Snow Mechanics of the National Research Council, proposed that a master file for soil information be set up for the city of Ottawa. It was agreed by members of the National Research Council and the Geological Survey of Canada that the latter organization should be the repository of this information.

At present, the file contains soil profiles from approximately five hundred boring locations. The information was sufficient to allow the preparation of this preliminary map on drift-thickness of the western part of Ottawa.

The base-map was furnished through the courtesy of the Federal District Commission.

This project has been made possible through the interest and willing cooperation of F. E. Ayers of the Department of Planning and Works of the City of Ottawa; G. C. McRostie of McRostie and Associates, Engineers; R. F. Leggett of the Division of Building Research of the National Research Council; J. W. Lucas of the Testing Laboratories of the Department of Public Works; and T. O'Brien of the Federal District Commission. Each organization kindly allowed the use of its facilities and access to all pertinent files. This is gratefully acknowledged.

Additional information is required for a more complete picture of drift-thickness in the entire city-area. Reports of new boring and excavation projects are earnestly requested. All information submitted will be added to the master file and made available to interested persons on request.



51.7
A1/6501
Ottawa. Drift thickness contours.
13-1958.