

LEGEND

Note: This legend is common to National Geobotanical Reconnaissance Map 10-1076, Open File 616, May 13-1976; Open File 617

HELVETICA (OPEN PASTURE/LOGS)
Top 20, orders and distinct patterns shown (50%)

HELVETICA (MIDDLE PASTURE/LOGS)

- 31 Coarse-grained, gelidic sandstone, some intercalated sandstone. In part, may be clear to light gray to tan. (50%)
32 Mainly arenaceous (quartz and/or calcite and/or pyroxene)
33 Finest medium, probably mostly fine to medium to coarse grained, calcareous, buff, agglutinate; minor sub-arenaceous specific modes (50%)
34 Sandstone and gabbro sandstone; buff, calcareous, fine to medium grained, probably includes some sandfinifoliated sandstone (13 and/or 13) (50%)

35 Conglomerate, intercalated gabbro sandstone (50%)

GRAVITE (LARGE QUARTZITE)

- 36 Gravite, coarse-grained and allured modes: to large part granitic and coarse, with some levels of quartzite which may be quartzite, micaceous, siliceous, greenish-gray; gabbroic gravite; gravite composition may normally granitic. In part probably color like 35, possibly 7 (50%)
37 Gravite, calcite, amphibolite, and gravelite derived mostly from sedimentary and mafic rocks of Andean and/or Lower Tertiary origin; may show some quartzite and gabbroic components with some granitic material (50%)

38 Conglomerate to blocky sandstone, mafic composition and/or dark-colored sandstone which may include some calcitic or coarse-grained (fine to coarse-grained) sandstone, buff, agglutinate, minor quartzite and/or mafic inclusions. May be younger in part (Varial) (50%)

39 Granite and gabbro in granitic and gabbroic varieties (50%)

40 Basic igneous, dioritic, gabbroic (50%)



Geological cartography by the Geological Survey of Canada

Legend and outline for the geobotanical map by R.G. Garrett, from map 1076 of G.C. Meier 1958, in 1976

Shown at the same scale published by the Reuping and Charting Establishment, N.E.C., 1966
Map projection declination 1807, 1968. East intersecting 23' exactly, crossing west from 1968 to 1966 on the corner of the map area

(Elevation in feet above mean sea-level)

Geobotanical symbols and field presentation

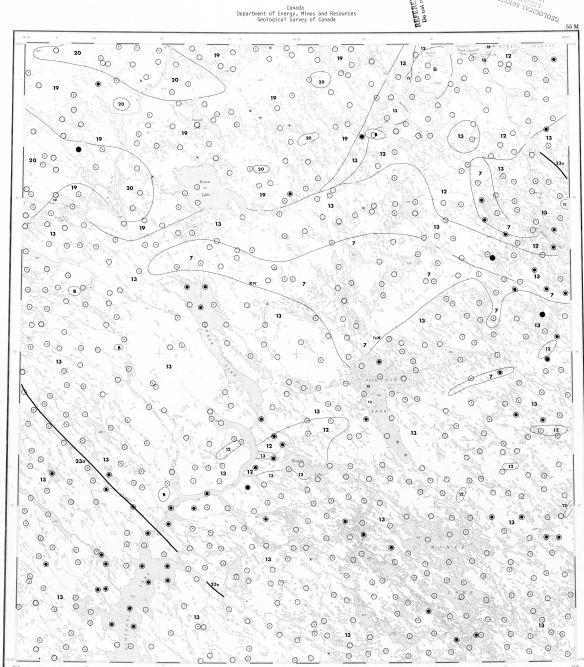
The composition of an element in a sample site is quantitatively represented as one of 15 symbols... The symbols are quantitative symbols, which are to be arranged in size on the symbol grid and then increase in success in the research... The use of symbols is to be based on the following criteria: 1. The symbol must be based on the detection chart... 2. The symbol must be based on the detection chart... 3. The symbol must be based on the detection chart... 4. The symbol must be based on the detection chart...

The symbols, being based on the total survey data distributions, are unaffected by the possibility of near-missing levels of abundance in between... The right symbol is used for the most group as defined by the statistics... The symbol frequency is calculated as follows: f = (N/n) \* (100) where f is the symbol frequency, N is the number of the symbols in analysis, n is the number of symbols in the total survey data... As an example of the use of symbols, the following is presented:

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NATIONAL GEOBOTANICAL RECONNAISSANCE MAP 10-1076

LEGEND FOR LAKE SEDIMENTS

URBAN RECONNAISSANCE PROGRAM

Scale 1:250,000



Map area includes portions from... (50%)

Vertical (or other) cross-sections may be made by use of the following symbols:
VERTICAL CROSS-SECTION
NON-UNIFORM VEGETATION

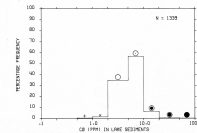
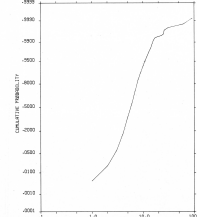


Table of Thresholds for Water Sedimental Units with columns for Symbol, No. of Samples, Mean, S.D., C.I.S., Threshold.

Water data are from... Reliability Factor = 1.28

NATIONAL GEOBOTANICAL RECONNAISSANCE MAP 10-1076

Open File 617

Resurse Analytical and Sedimentology Division

Geological Survey of Canada, Ottawa

Geobotany by J.P.A. Henderson

Analytical chemistry by J.D. Lamb

Map monitoring by R.G. Garrett, R.G. Lamb and J.D. Lamb

Contractors

Sample collection by Frigg, Westcott & Associates Ltd.

Sample preparation by Geller Associates

Chemical analysis by Chemex Lab. Ltd.

This map forms one of a series of 23 sheets released under Geological

Survey of Canada, Open File 616-617. The Open File consists of data

for 11 elements which form the sedimentary, percent loss in ignition, percent

loss on ignition and specific heat

The data are also available in digital form. For further information

contact the Lake Sediments

The Director, Contract Sediments Division, Department of Energy, Mines and Resources, Ottawa, Ontario K1H 8H9

NATIONAL GEOBOTANICAL RECONNAISSANCE MAP 10-1076

Open File 617

BASED UPON: M. T. 1976

GRAPHIC