



**GEOLOGY AND MINERALS,
CHARLOTTE LK AND JUNKER LK
(93C/3, 93C/4E)**

P. VAN DER HEYDEN AND A. CALDERWOOD

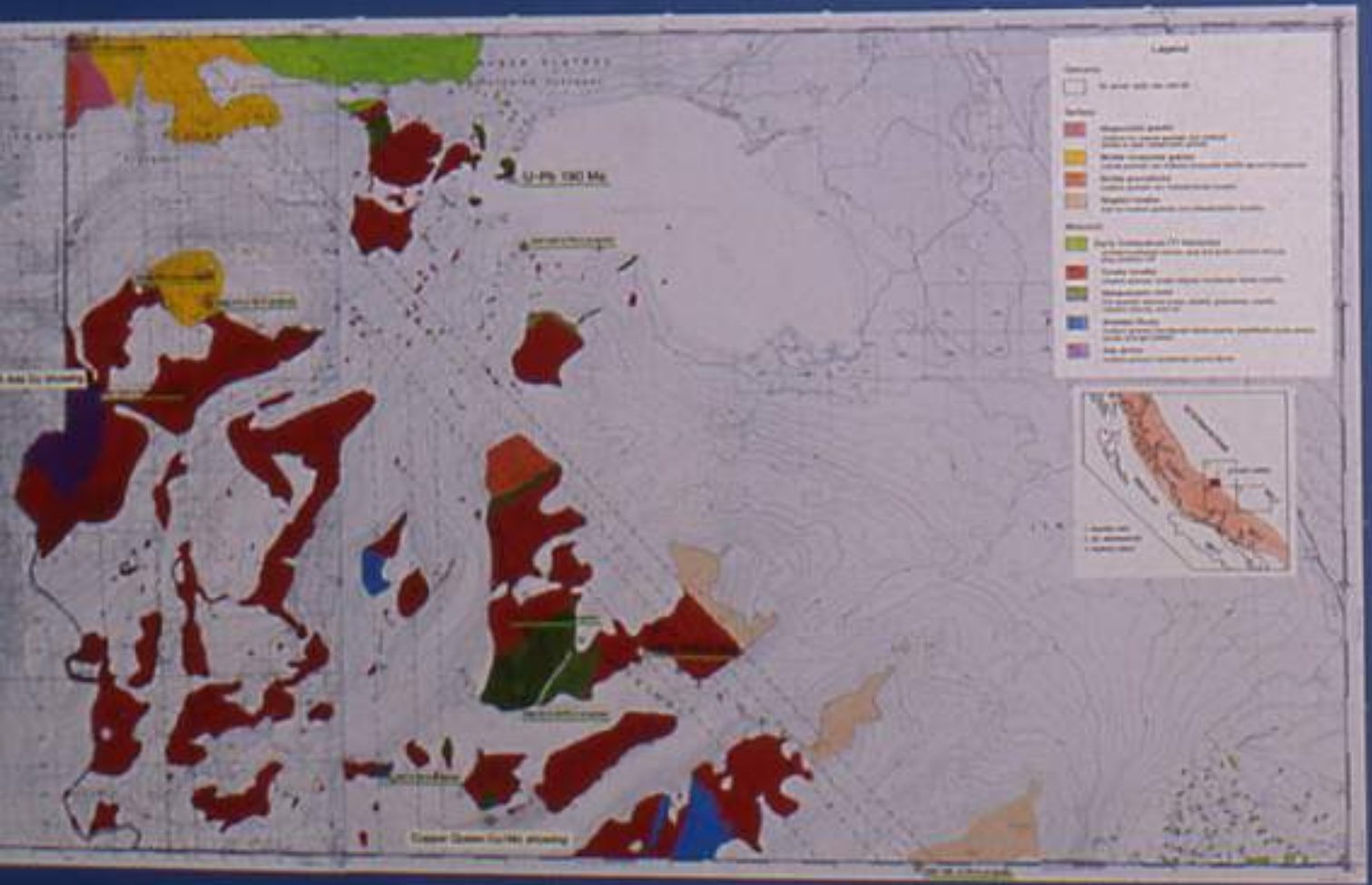
**GÉOLOGIE ET MINÉRAIS, CHARLOTTE
LAKE ET JUNKER LAKE
(93C/3, 93C/4E) C.-B.**

MAP
This map shows the geological units in the study area. The units are color-coded and labeled according to the legend. The map is oriented with North at the top.



LEGEND
This legend defines the symbols and colors used on the geological map. It includes units such as 'Basaltic andesite', 'Andesite', 'Diorite', and 'Granite', along with their corresponding colors and patterns.

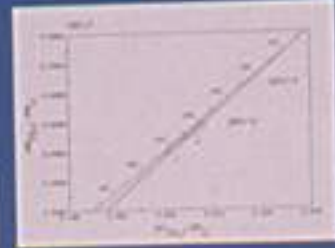
SCALE IN METERS
The scale bar indicates distances in meters, ranging from 0 to 1000 meters.



Geological map of Charlotte Lake (93C/3) and Junker Lake (93C/4E) map sheet

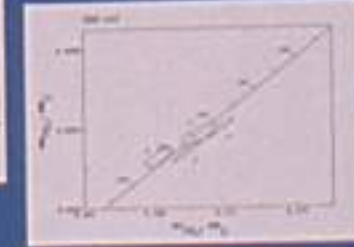
Basaltic andesite

This unit is a dark, fine-grained, basaltic andesite. It is characterized by a high content of plagioclase and pyroxene, with minor amounts of olivine and magnetite. The texture is generally fine-grained and aphanitic.

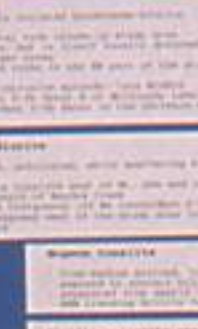


W.D. PROXIMAL DATA

Sample No.	SiO ₂	TiO ₂	Al ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	Total
1	52.5	0.2	15.5	12.5	0.1	10.5	1.5	0.5	0.1	93.4
2	53.0	0.2	15.0	12.0	0.1	10.0	1.5	0.5	0.1	92.4
3	52.8	0.2	15.2	12.2	0.1	10.2	1.5	0.5	0.1	92.6
4	53.2	0.2	14.8	11.8	0.1	9.8	1.5	0.5	0.1	92.2
5	52.6	0.2	15.4	12.4	0.1	10.4	1.5	0.5	0.1	92.8
6	53.1	0.2	14.9	11.9	0.1	9.9	1.5	0.5	0.1	92.3
7	52.9	0.2	15.1	12.1	0.1	10.1	1.5	0.5	0.1	92.5
8	53.3	0.2	14.7	11.7	0.1	9.7	1.5	0.5	0.1	92.1
9	52.7	0.2	15.3	12.3	0.1	10.3	1.5	0.5	0.1	92.7
10	53.4	0.2	14.6	11.6	0.1	9.6	1.5	0.5	0.1	92.0

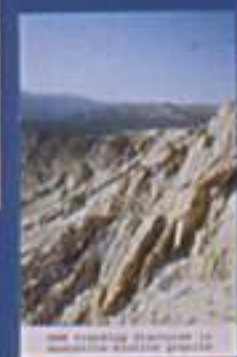


Andesite
This unit is a dark, fine-grained, andesite. It is characterized by a high content of plagioclase and pyroxene, with minor amounts of olivine and magnetite. The texture is generally fine-grained and aphanitic.



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Diorite

This unit is a light-colored, coarse-grained, diorite. It is characterized by a high content of plagioclase and quartz, with minor amounts of hornblende and magnetite. The texture is generally coarse-grained and equigranular.

