

**Geology of Rare Element Pegmatites 1 and 2,  
Santoy Lake Area**

by: **D. Williams G.D. Delaney and S.A. Cutler (1992)**

Project A.12a of 1992, Database No. 9222

Geologically mapped by D. Williams, G.D. Delaney (project leader) and S.A. Cutler, in the summer of 1992 with the assistance of L. Dorsch, A. Wallace and M. Webster. The pegmatites were geologically mapped by D. Williams.

Project was funded by the Province of Saskatchewan under the Canada-Saskatchewan Partnership Agreement for Mineral Development 1990-95.

This map may be referenced as part of the following publication:  
Williams, D., Delaney, G.D. and Cutler, S.A. (1992): Beryl Pegmatites in the 'Santoy Lake' Area, Glennie Domain; in Summary of Investigations 1992, Saskatchewan Geological Survey, Saskatchewan Energy and Mines, Miscellaneous Report 92-4.

**Legend: Pegmatites 1 and 2**

Debris covered outcrop

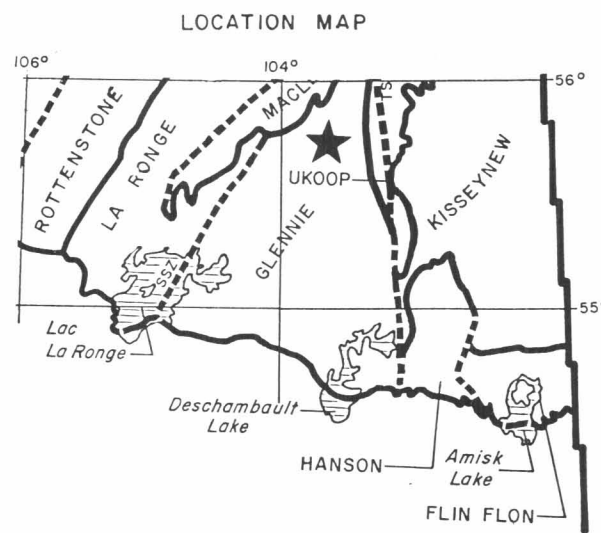
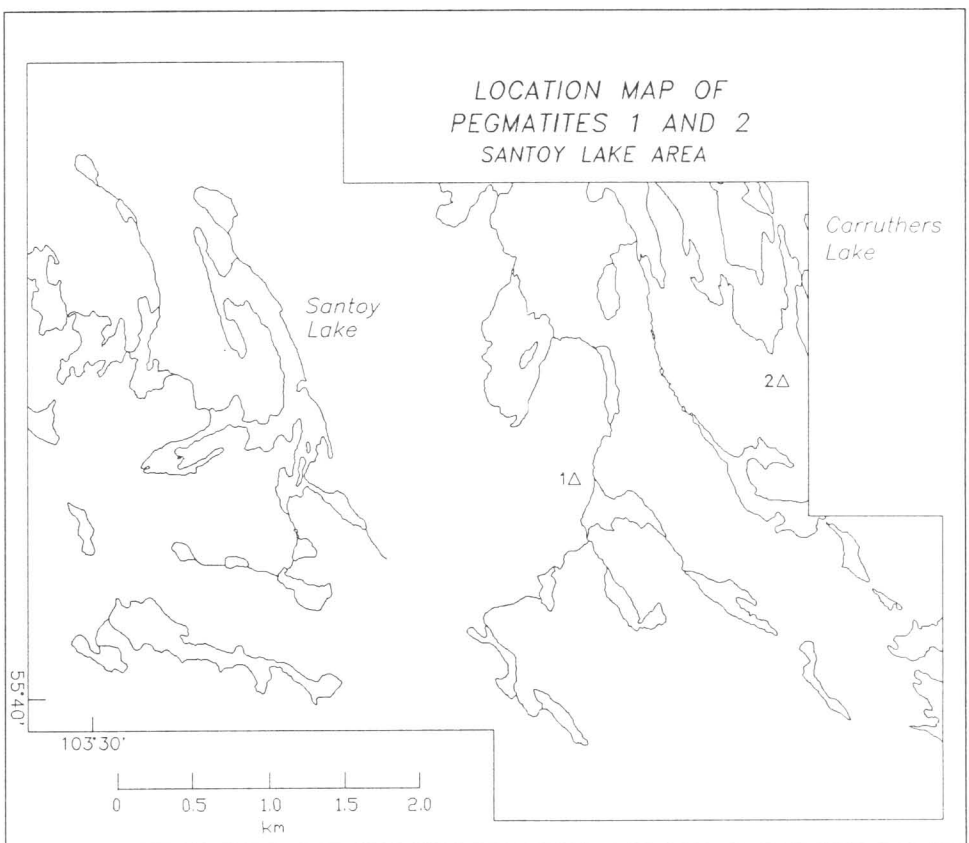
Garnet banding: pinhead garnet crystals; groundmass pink to whitish pink

**F** Potassic feldspar crystals: quartz inclusions, graphic quartz intergrowths

Quartz-muscovite intergrowth: intergrown crystals up to 2cm; minor garnet potassic feldspar, trace beryl

Coarse-grained quartz-potassic feldspar: quartz and feldspar crystals greater than 5cm; minor muscovite, albite, trace garnet, beryl

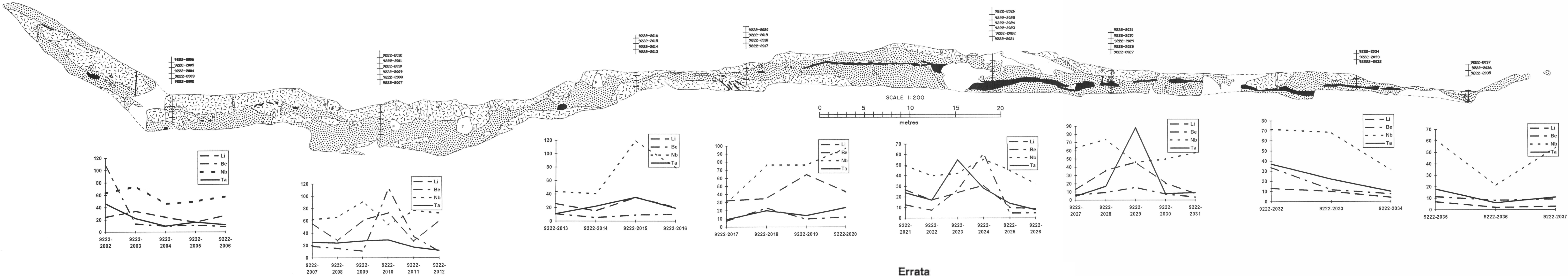
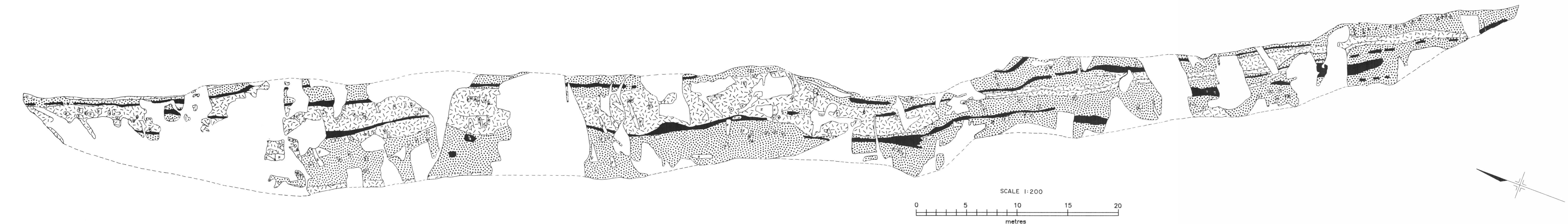
Granitic pegmatite: Fine grained groundmass of quartz, potassic feldspar, muscovite, minor albite, garnet, biotite, tourmaline, trace beryl; phenocrysts of club shape to rectangular microcline



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**PEGMATITE 2**



**Errata**

In the map package:

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Pegmatite 1 Representative Fraction should read...1:100

Scale Bar Numbers should read...0 2.5 5 7.5 10

**PEGMATITE 1**