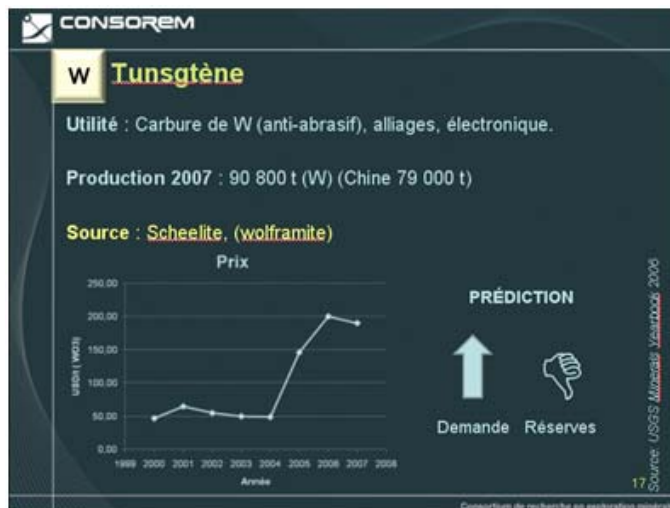


2008-12: Lithophile mineralisation associated with granitic bodies

The present project was simply a feasibility study.

Uranium exploration is usually oriented towards granitic bodies and pegmatites (Rossing model). These environments are also favourable for rare earth elements (REE) and other granophile mineralisations (Li, Be, Ta, Cs, Rb, W, etc.). However, these occurrences are poorly known in Quebec, especially in the Grenville. Project 2008-12 aimed to document the time and place of precipitation of concentrations of REE and rare metals, the elements of interest and the grade to look for, the mineralogical assemblages, the state of the market for REE and other lithophile elements.



Fact sheet showing the state of the market for granophile elements.

As research avenues were judged to be limited, this project was therefore limited to a preliminary market analysis for the various granophile elements and REE. A series of fact sheets showing the chosen granophile elements were created. These files show for each element a list of its main uses, an idea of the production and reserves, and the evolution of the market during the last ten years.

Project 2008-12: Summary	
Objectives	<ul style="list-style-type: none"> To document favourable intrusions and contexts for concentrating REE and other granophile elements (Li, Be, Ta, Cs, Rb, W, etc.) To evaluate the potential of the Grenville and James Bay region for these elements.
Results	<ul style="list-style-type: none"> Feasibility study presenting a market analysis for these elements.