

Lalande REE Project, Eastern Quebec

- Potential for LCT Lithium mineralization
- Mineralization hosted in pegmatite dykes.
- 63 claims/3465 hectares (expandable)
- Highway and government maintained snowmobile trails
- 3 REE showings / Target Zones
- Limited exploration to date.

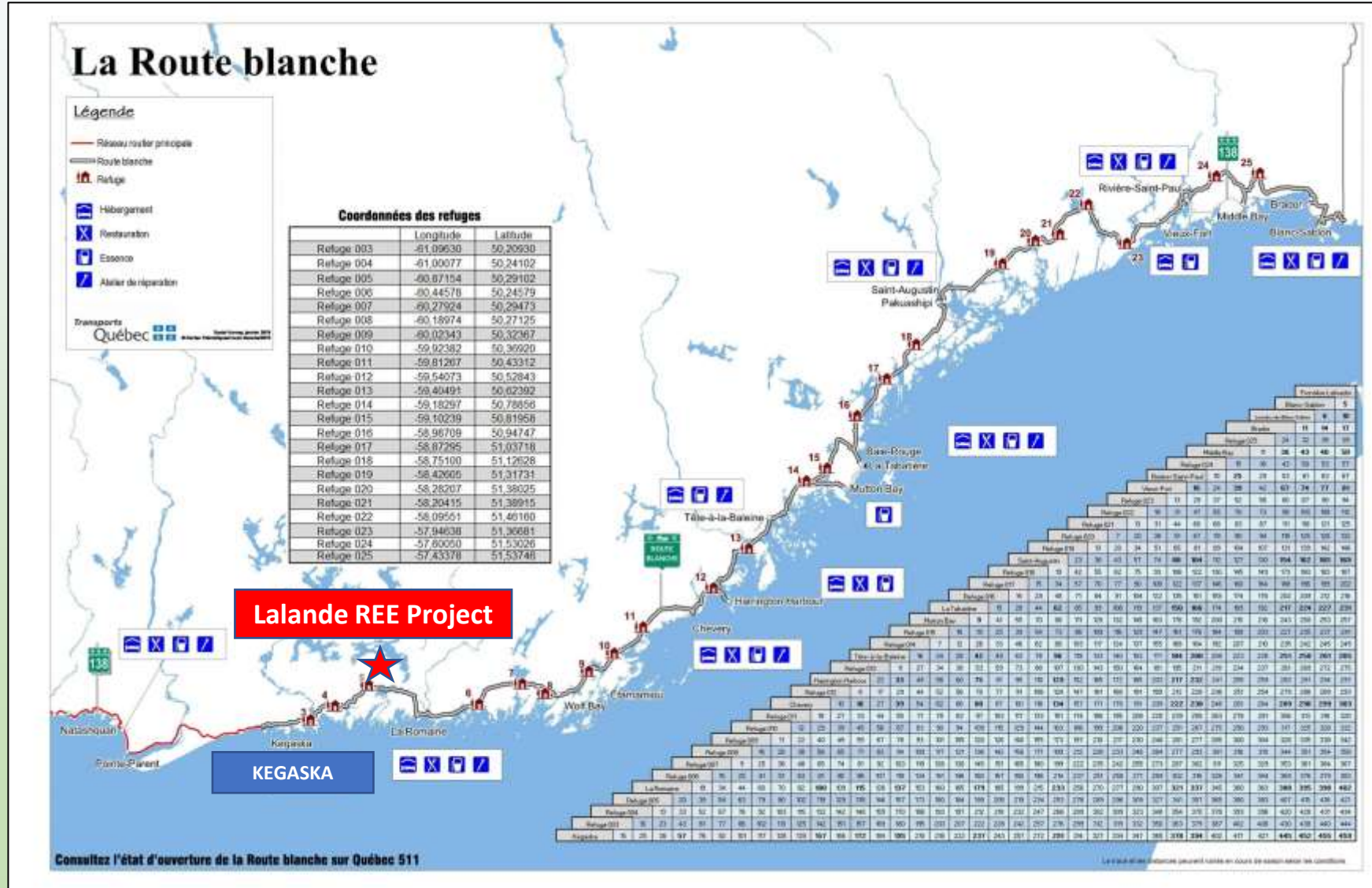


The Lalande REE Project is located in SE Quebec



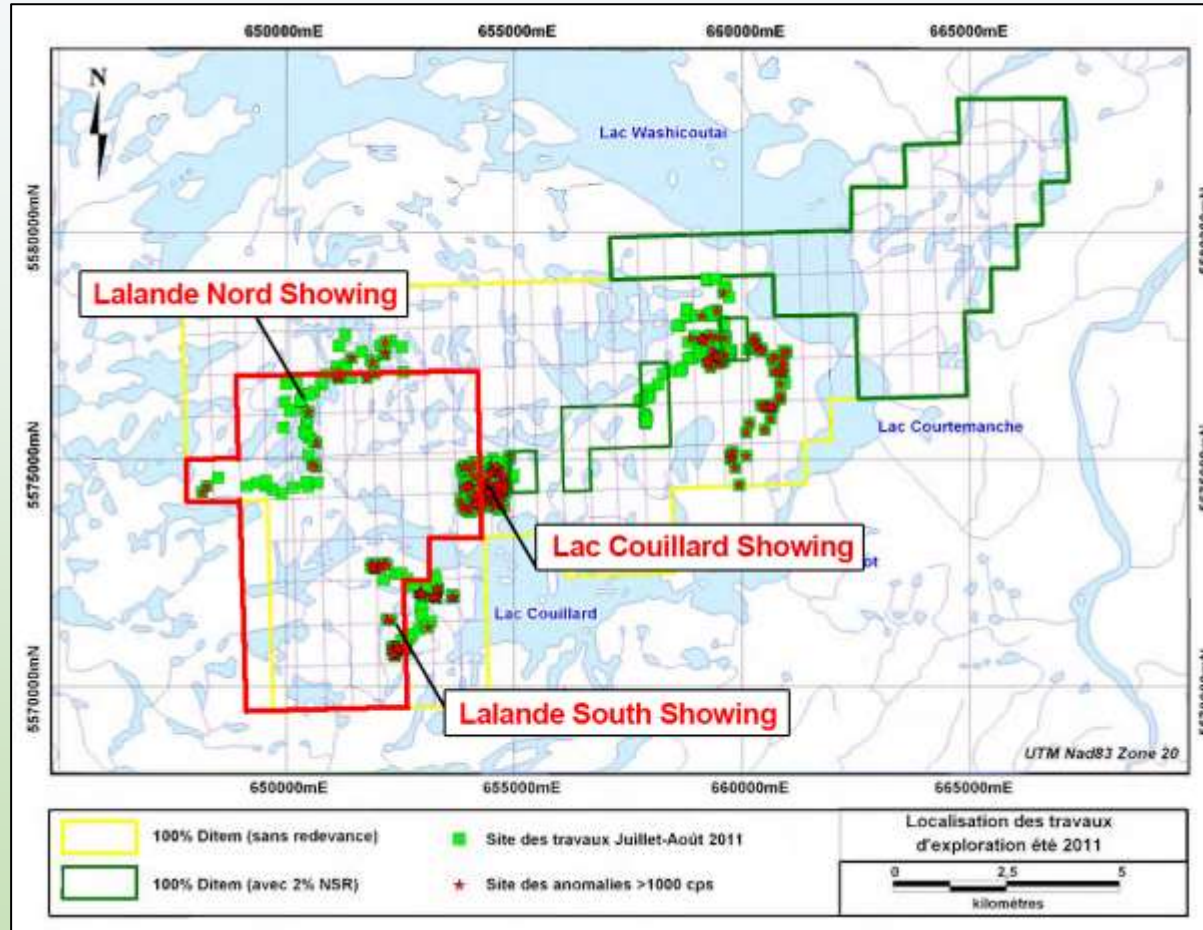
Take Route 138 (provincial highway) to Kegaska, and thereafter the La Route Blanche, which transects the project

La Route Blanche (The White Road) is maintained by the provincial government



3 Target Zones / Thorium Enrichment

Grades of up to **6.73% TREO** observed at Lac Couillard.

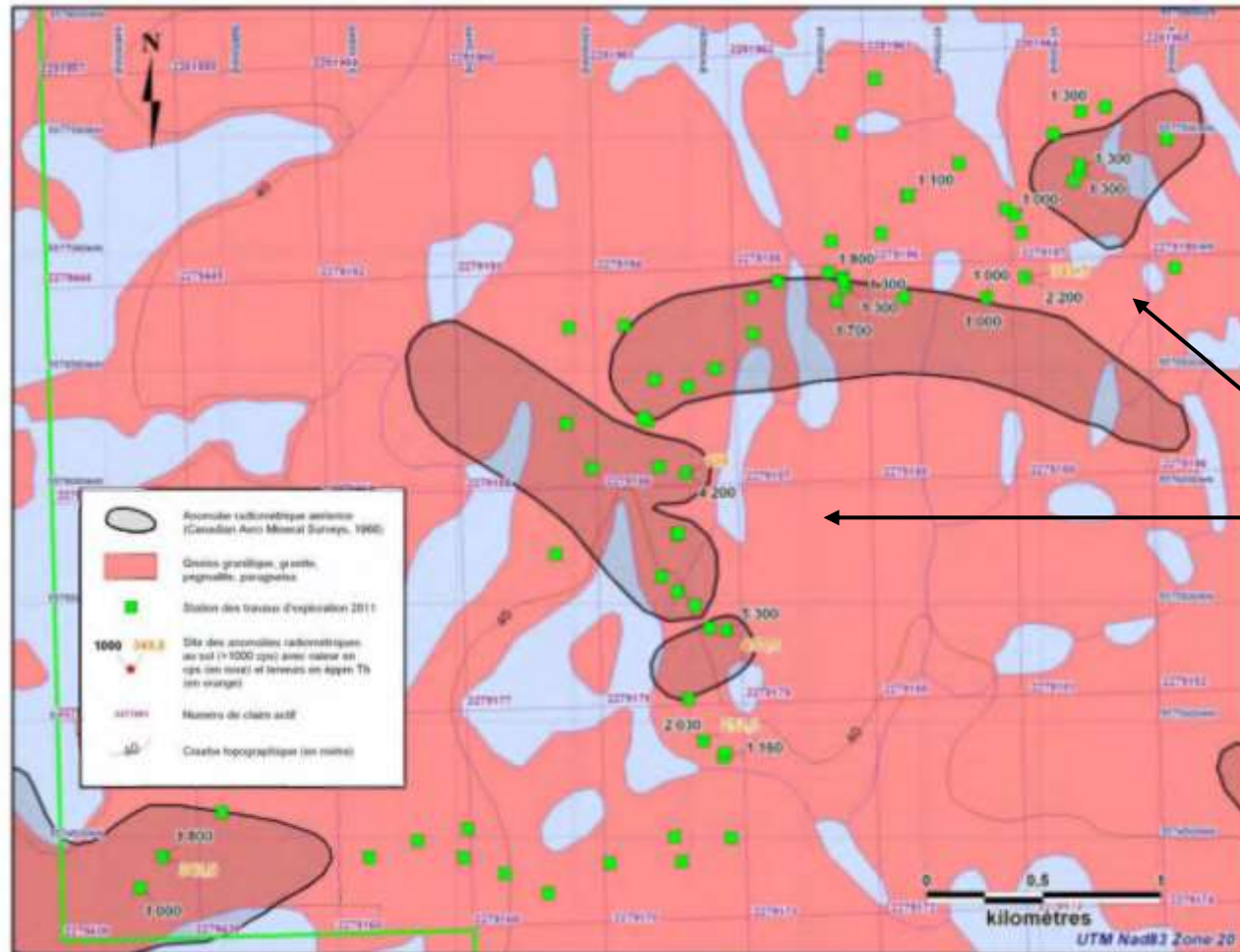


GM 66970

At Lac Lalande, REE are associated with Thorium


“The analytical results of 173 rock samples taken from the entire property made it possible to define several mineralized zones of more than 1.0% total rare earth oxide (TREO).” – Joly P. Geo.

Thorium can be used as a pathfinder element for REE

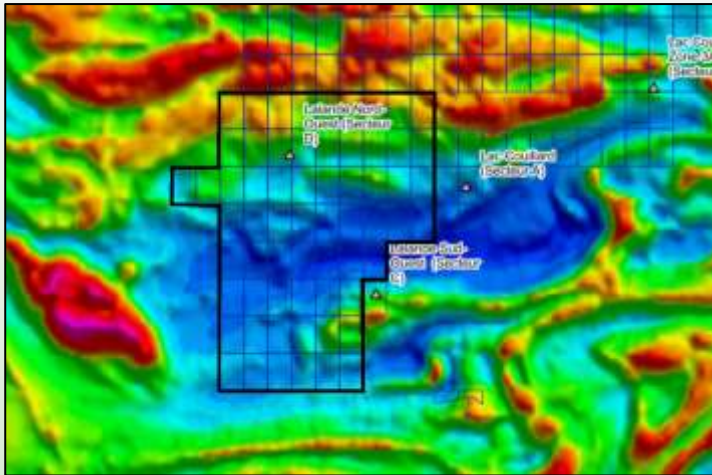


The Lalande Nord radiometric showings were observed by Ditem Exploration in 2011 (Open File GM66970).

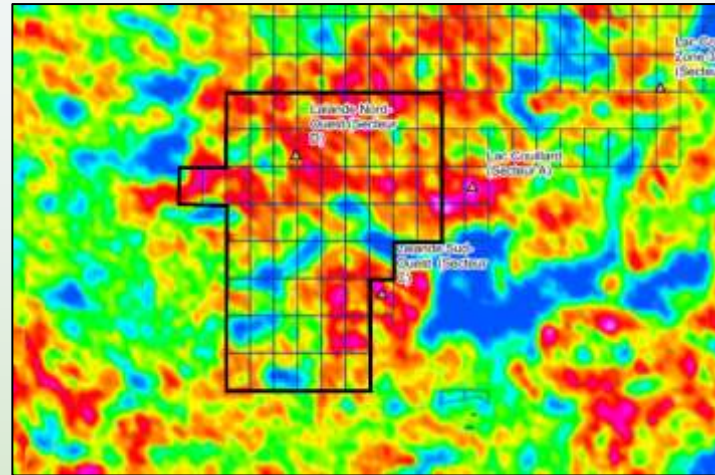
Multiple stations measured over 1000cps from Thorium mineralization, hosted in pegmatite dykes.

 = pegmatite dykes

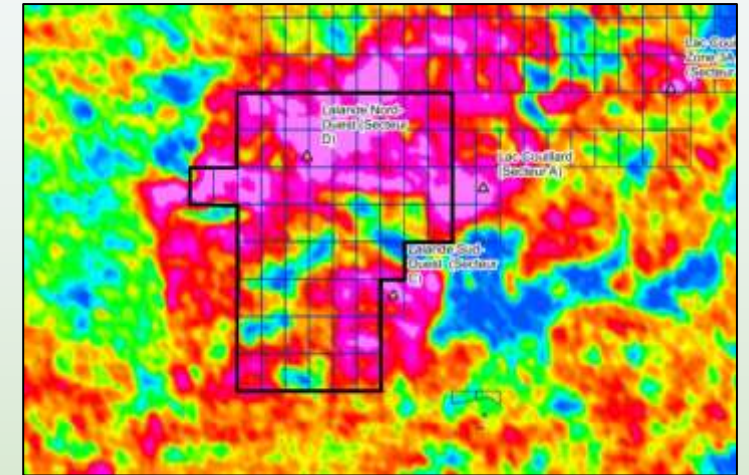
Radiometric and Potassium anomalies correlate with magnetic low



Residual Magnetic Field



Potassium concentration (ppm)



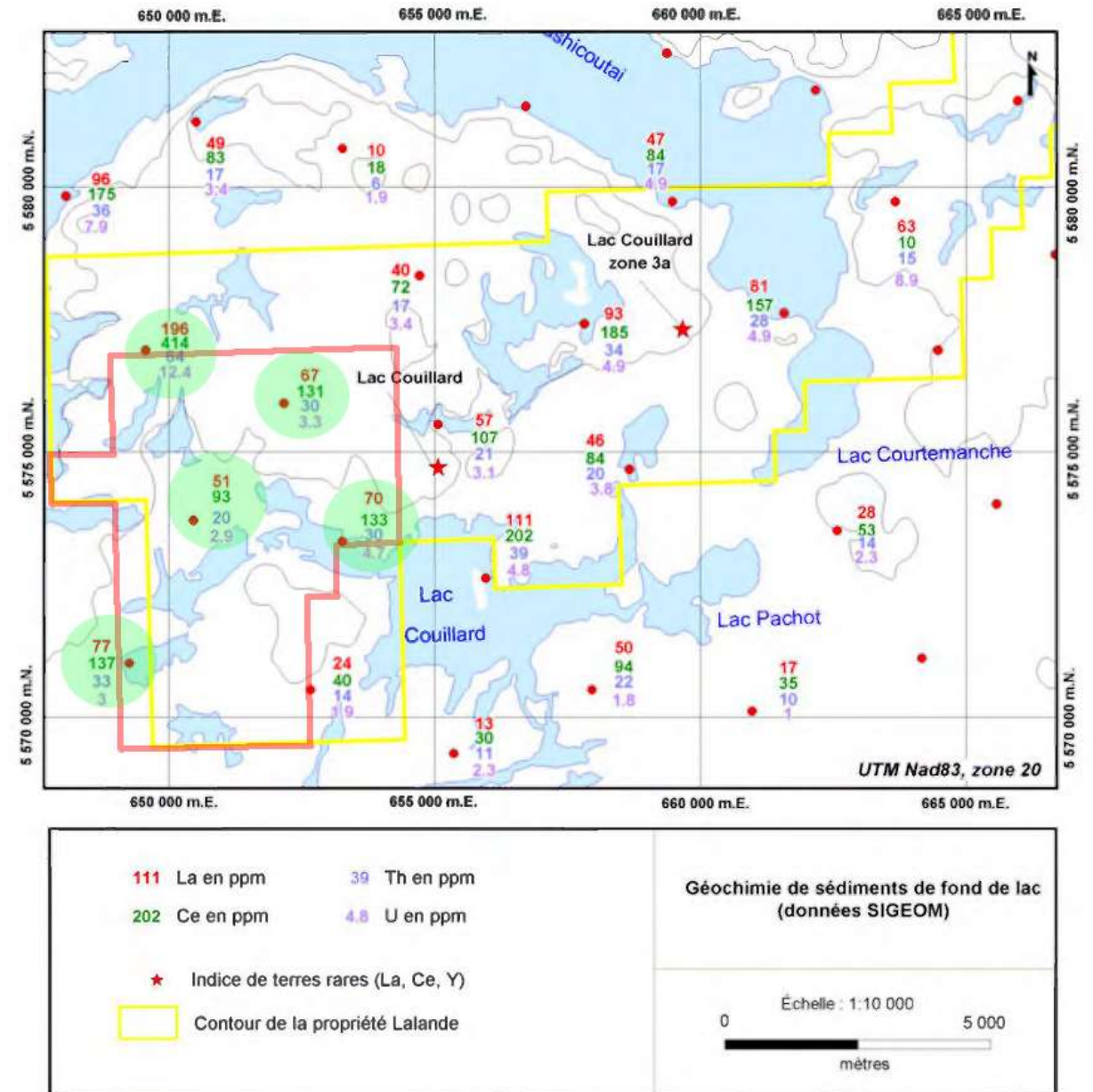
Thorium concentration (ppm)

REE mineralization at the Lalande property is mainly associated with **pegmatite units**. Pegmatite units generally form metric to plurimetric masses or intersecting or in contact with units of paragneiss and granitic rocks.

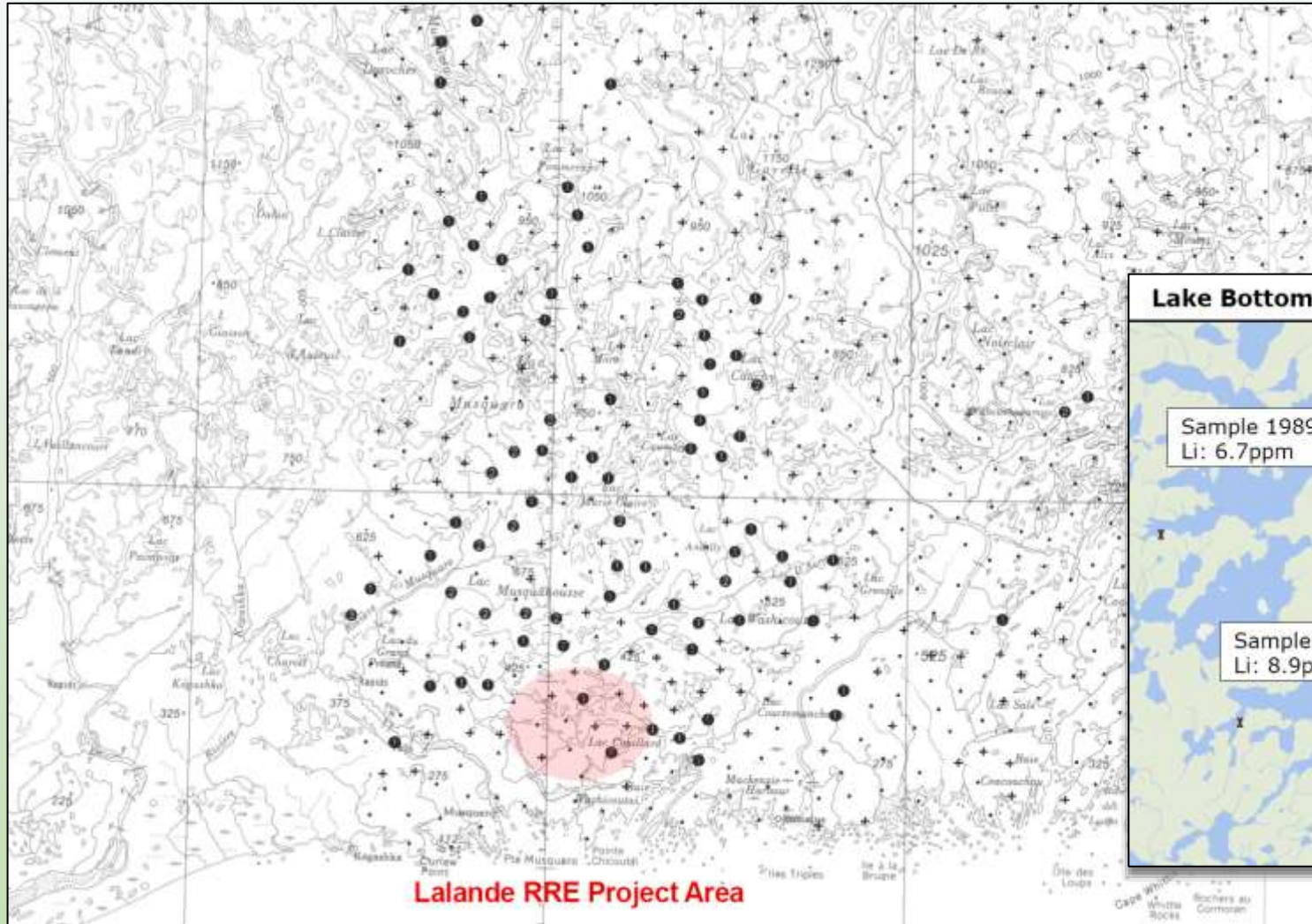
Pegmatite is usually pinkish and consists of centimetric clusters of biotite and monazite with sometimes garnet. Rare earth mineralization is mainly found in monazite.

Geochemical analysis in 1989 found that REE, as well as **Cesium** and Lithium values, are anomalous and widespread in the Lalande Lake area.

Of note, Uranium values across the inspection area were low.



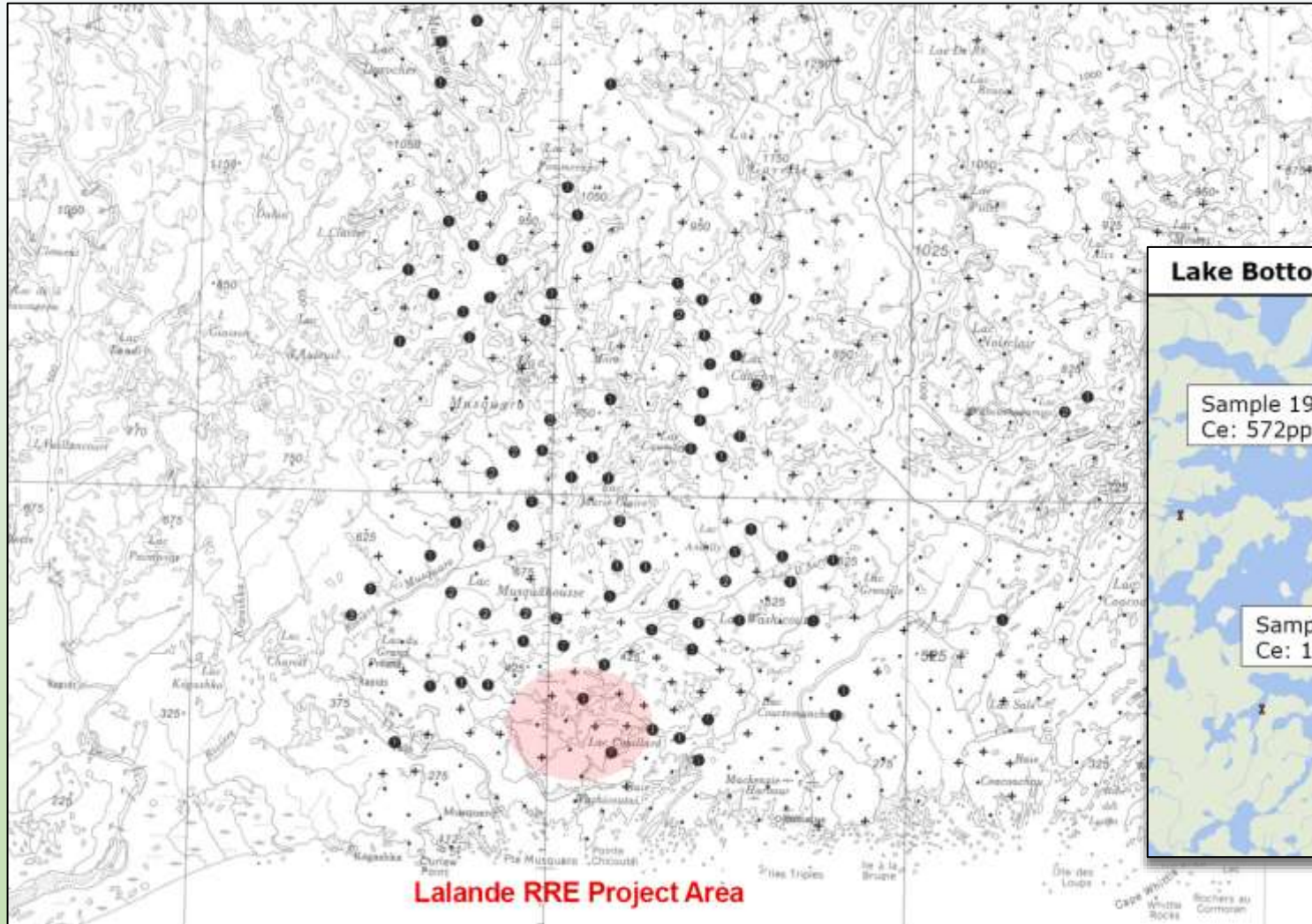
The Lalande REE Project area lies in a zone anomalous for Lithium



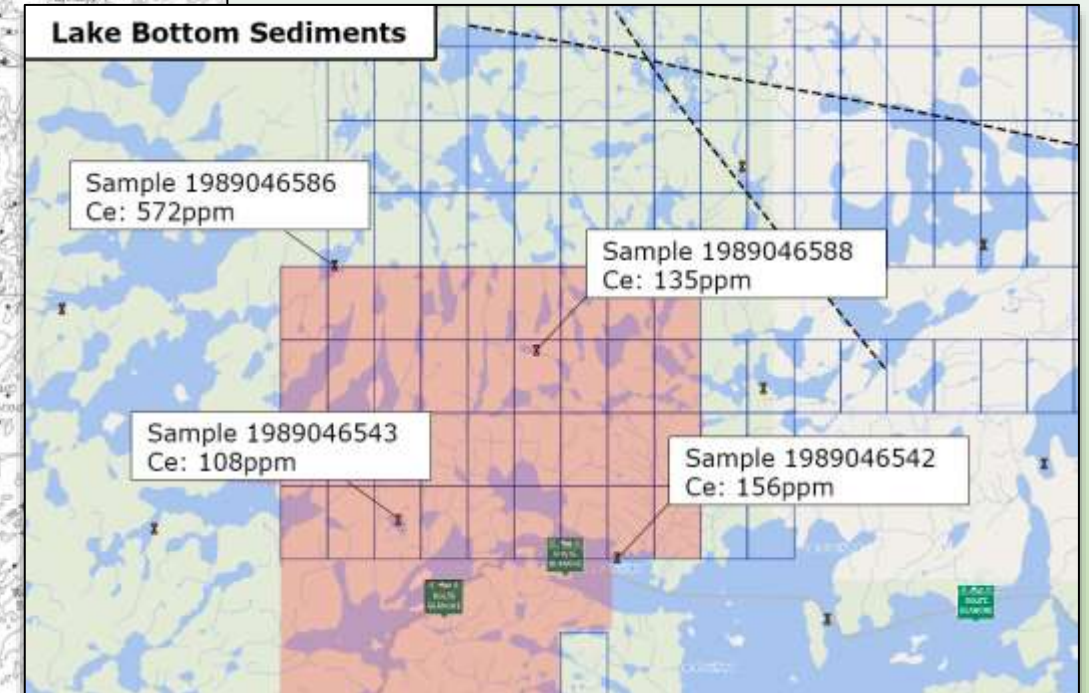
In 1990 Marc Beaumier conducted a regional scale lake sediment sampling program. (open file MB 89-19).



Anomalous Cesium values were also observed in the Lalande REE Project



Cesium deposition is also associated with Lithium mineralization.



A person wearing a blue jacket and a yellow hat is seen from behind, pulling a blue sled on a snowy mountain slope. The person is using ski poles. The background features a dense forest of evergreen trees and snow-covered mountains under a clear blue sky.

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