



ABBORRSELET

Hybrid NYF-LCT
Pegmatite

LOCATION

On the boundary of Västernorrland and
Jämtland provinces



DISCOVERY

- Two Samples at 0.52% and 0.47 % Li20

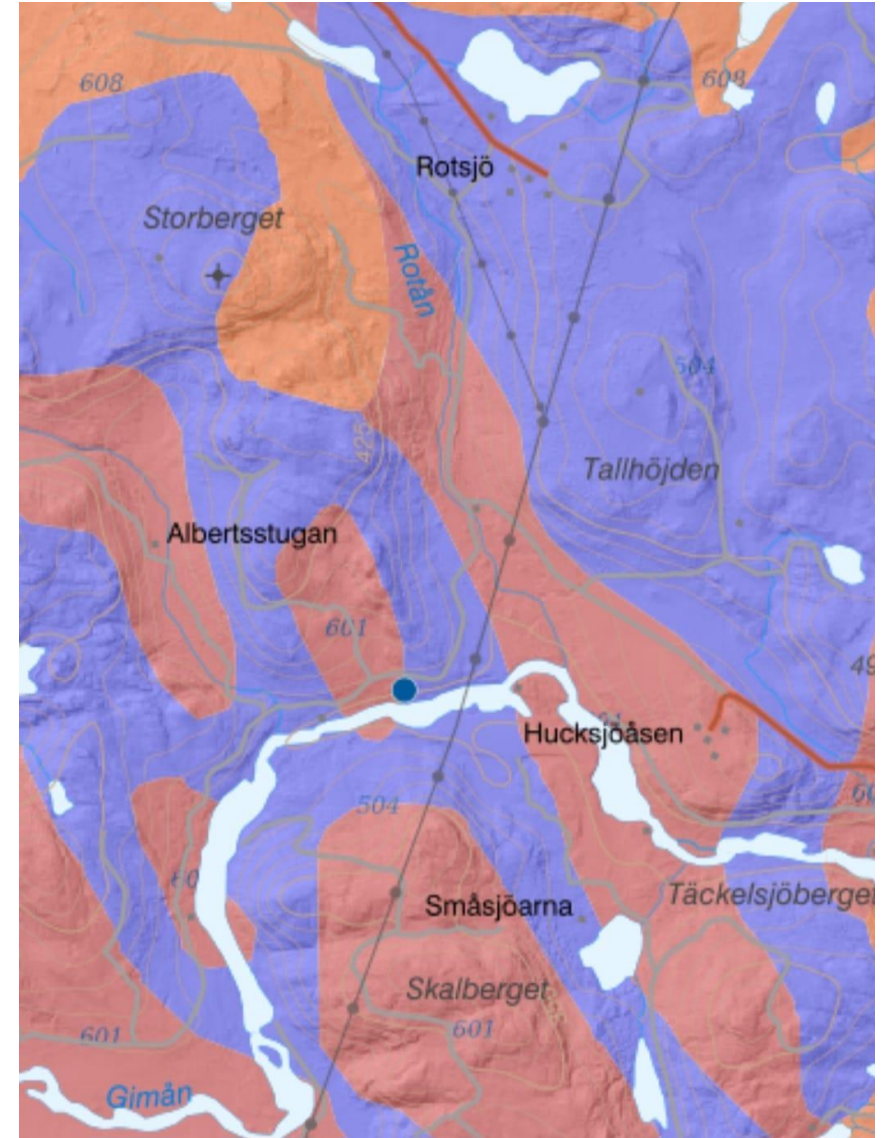
Li20	0.52%	0.47%
Ta	307	205
Cs	137	144
Ga	157	162
Rb	4200	3700
Nb	494	2480

- Historically known as an NYF pegmatite and originally quarried for quartz and feldspar



GEOLOGICAL SETTING

- Hosted in Svecofennian granite intruded by younger dolerite
- The blue is dolerite and orange is the older granite
- The dot is the Abborrselet NYF/LCT pegmatite



PICTURES

- Close-up of fluorite and darker mica that contains lithium
- Weathered face of quarry



PICTURES

- Secondary alteration of feldspar
- Black REE minerals





RARE EARTH POTENTIAL

- TREO 0.27% of whole rock
- HREO 0.12% of whole rock (L:H 0.6)
- Dy₂O₃ 16% of TREO
- 0.11% Yttrium with 287 ppm Ta
- Euxenite