



NGU

Kvartsressurser i Sør-Norge

Eksempler fra Evje-Iveland og Froland

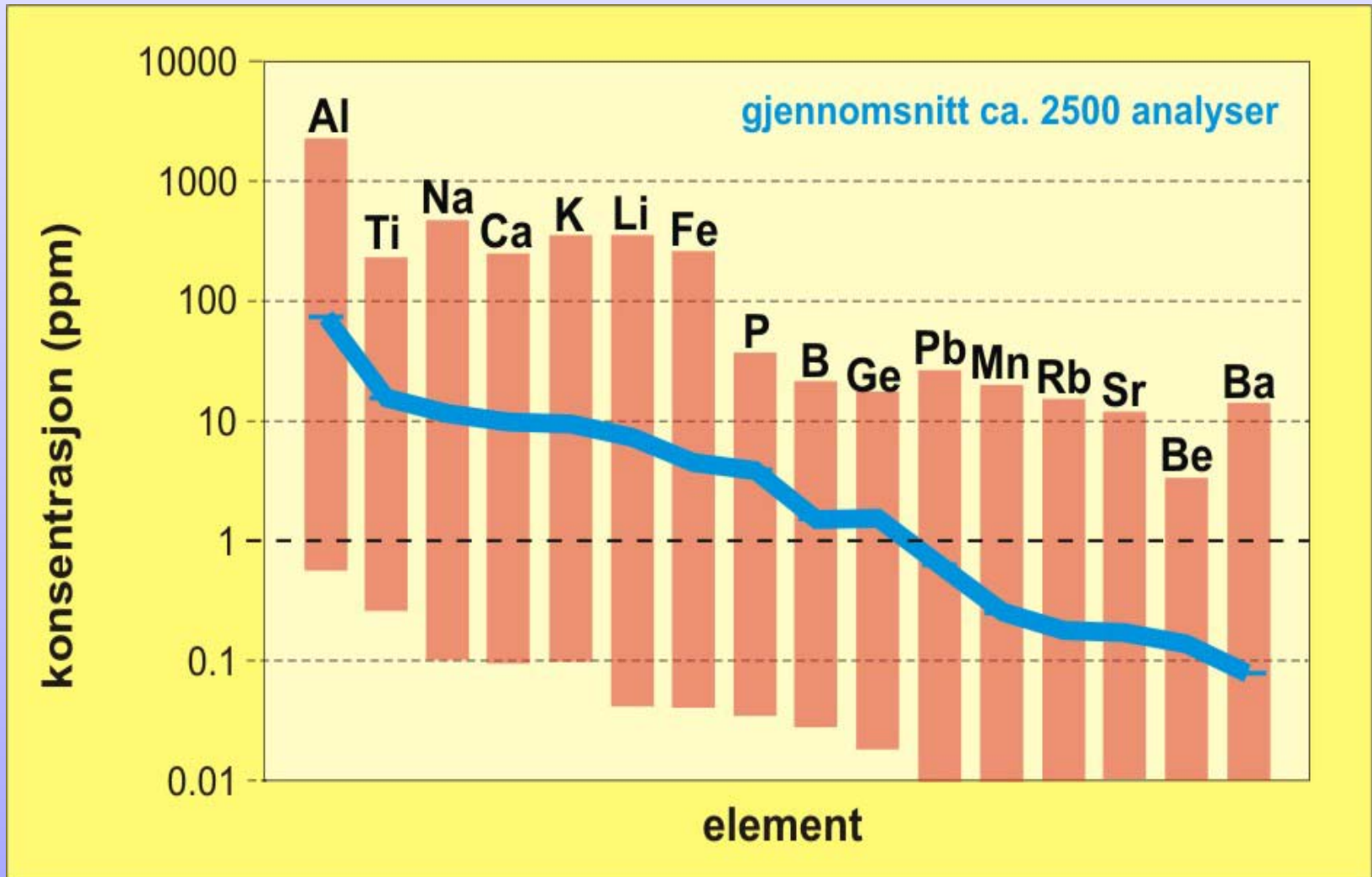
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¹ Norges Geologiske Undersøkelse

² Camborne School of Mines

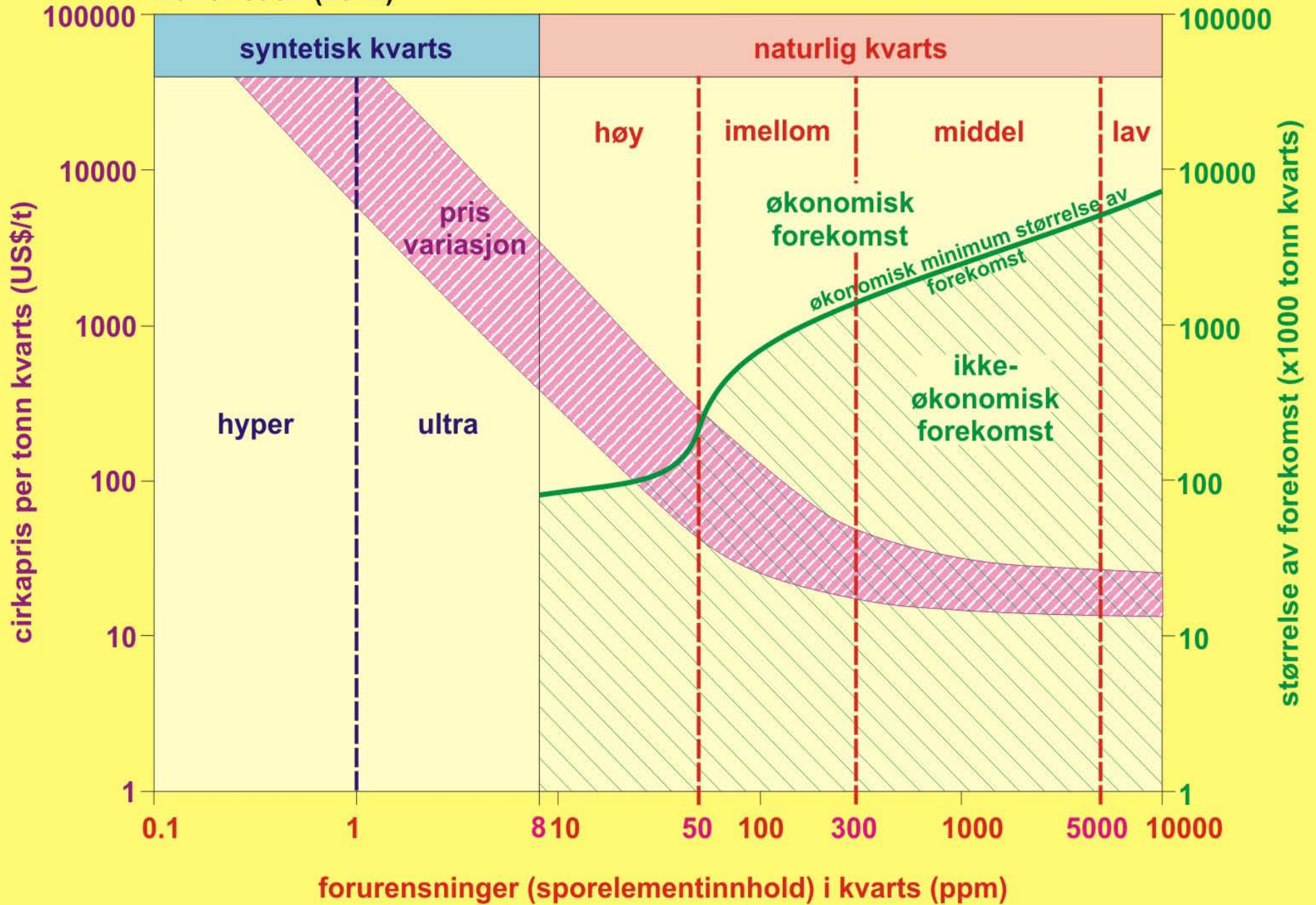


Konsentrasjon av gitterbundne sporelementer i kvarts (SiO_2)



Müller et al. (2012)

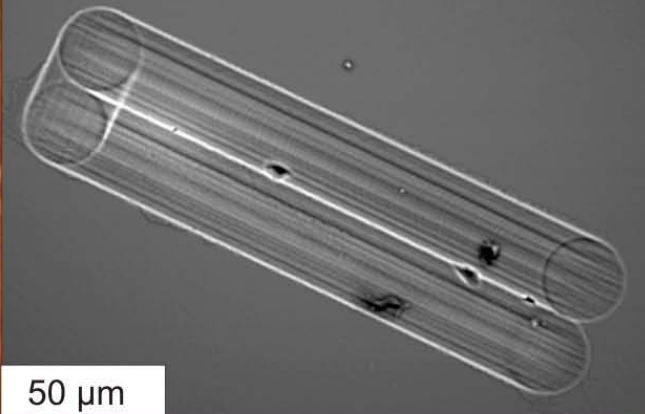
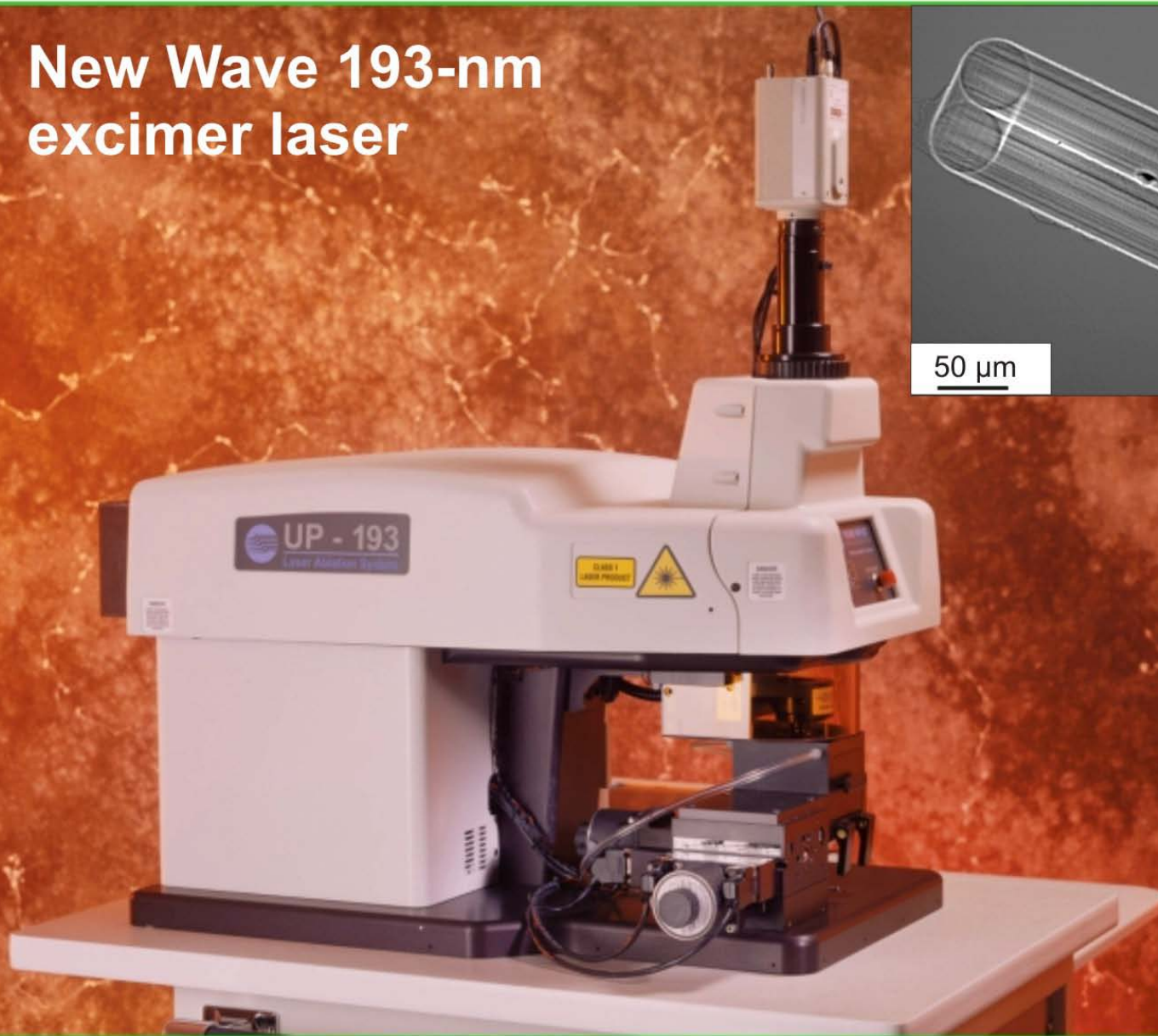
Müller et al. (2012)



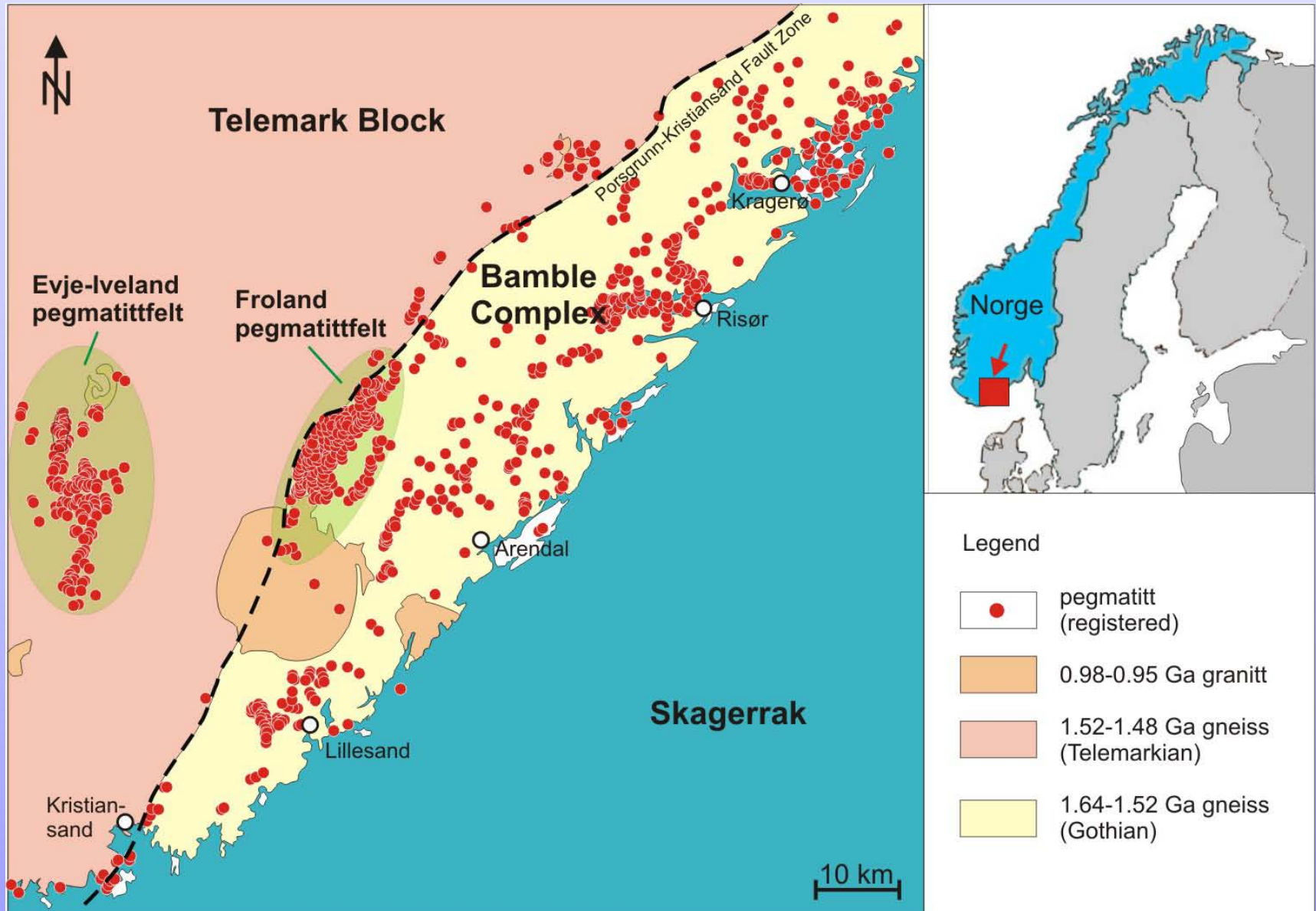
UITGANG
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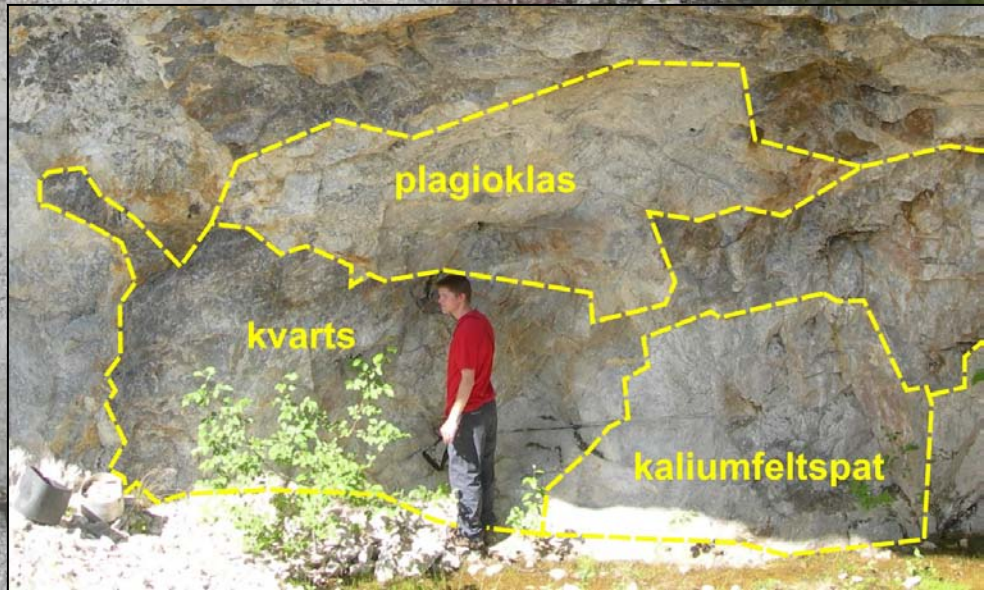


New Wave 193-nm excimer laser

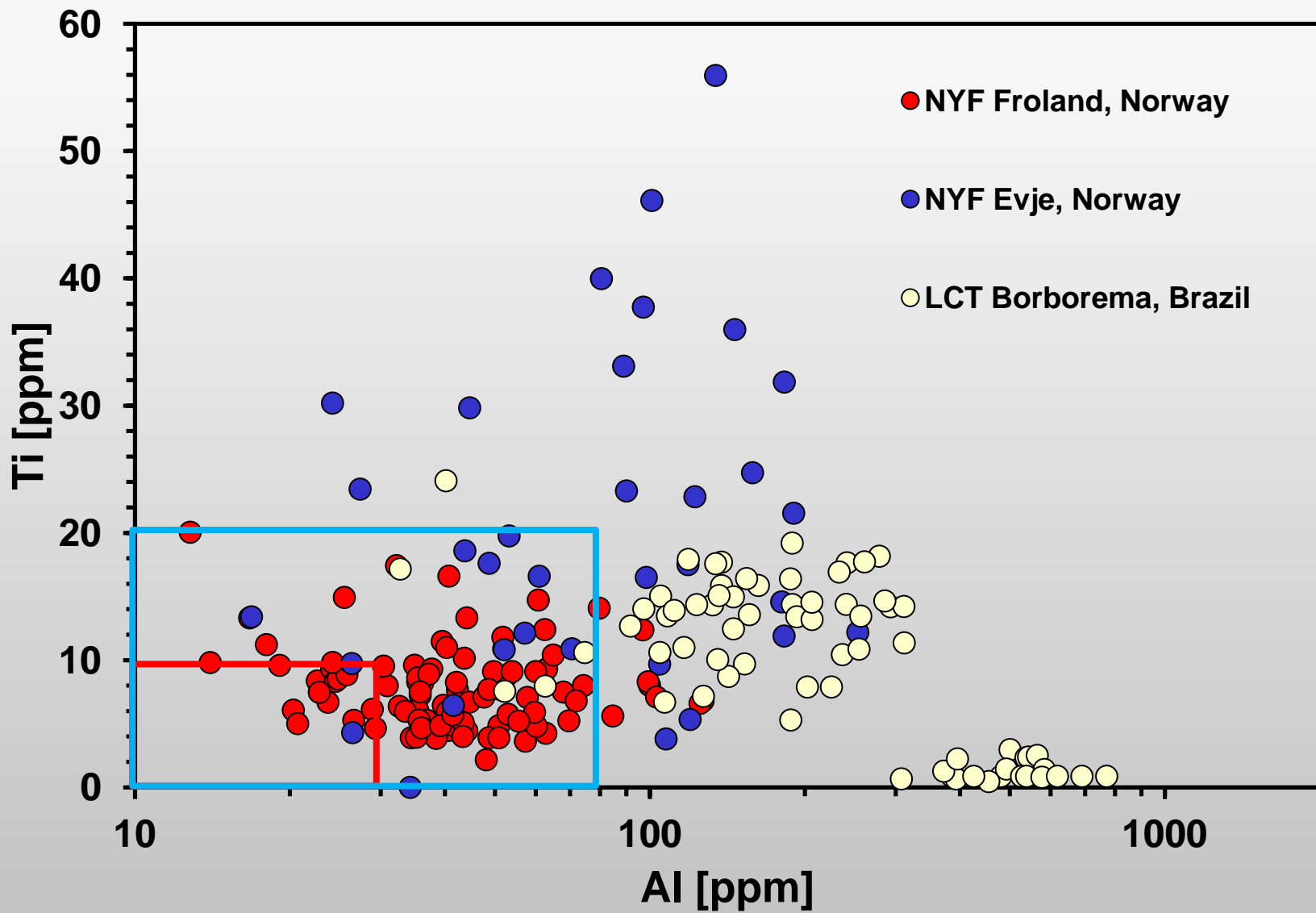


Sør-norsk pegmatittbelte

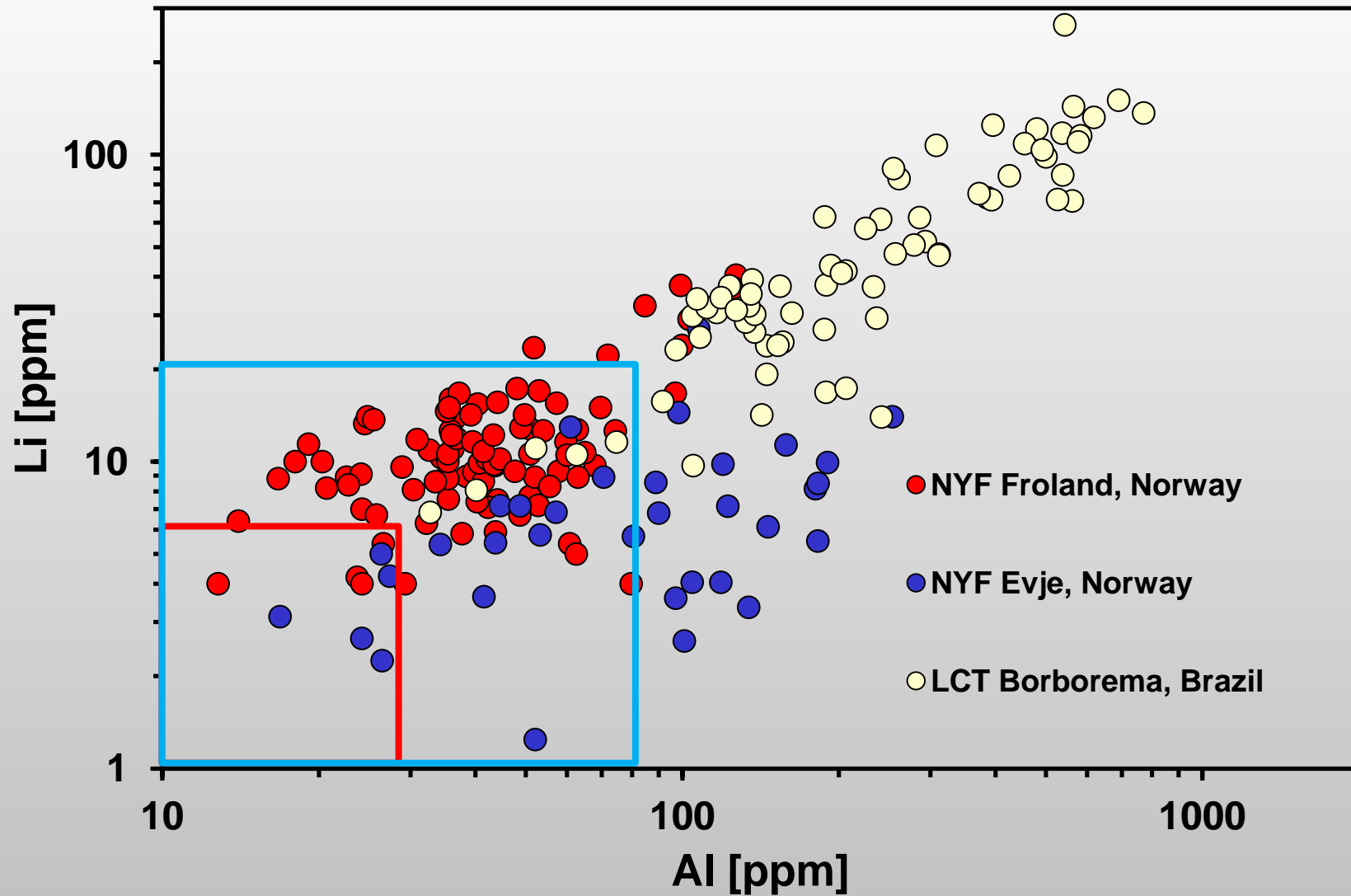




Sporelementer i kvarts (ppm)

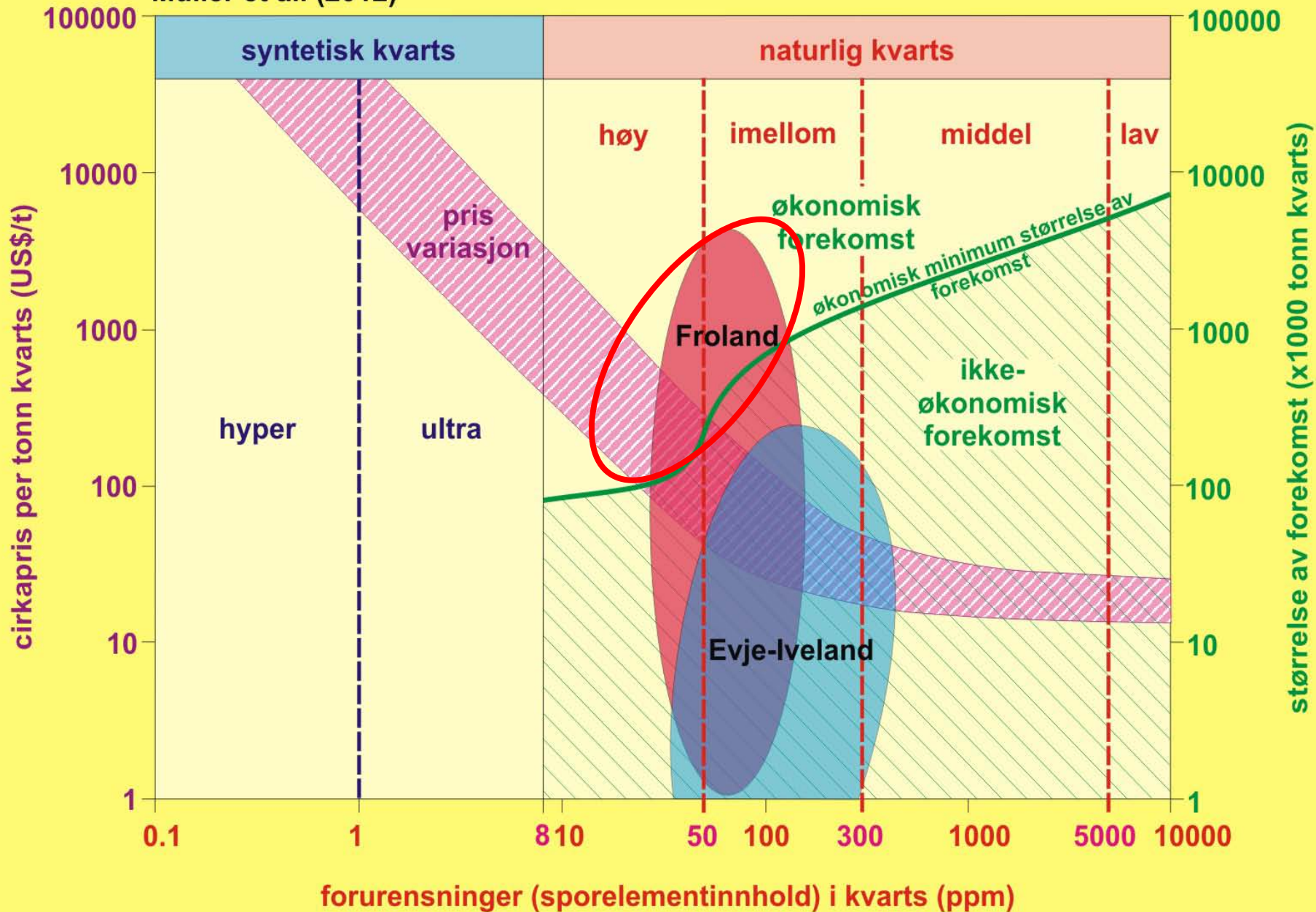


Sporelementer i kvarts (ppm)



	Høyren kvarts definisjon (Müller et al. 2012)	Froland Norge	Evje-Iveland Norge	Borborema Brazil
		n=300	n=300	n=72
Al	<30	45±23	94±58	265±180
Li	<5	12±7	7±5	56±46
Ti	<10	8±3	20±13	10±6
Ge	<2	2±1	3±3	5±5
sum	<50	67±34	124±79	336±237

Müller et al. (2012)



Jens Götze
Robert Möckel *Editors*

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