Björn Lundquist: STRUGGLE AGAINST UNRESTRAINED MINING IN NORRBOTTEN Sweden



The Swedish Society For Nature Conservation

Norrbotten County

STRUGGLE AGAINST UNRESTRAINED MINING IN NORRBOTTEN

DISPOSITION

- SNF MINERAL HIERARKI
- MINING PERMITS IN SWEDEN
- MINES AND STATUS IN NORRBOTTEN
  - Overview
  - In detail
- ONGOING EXPLORATION FOR NEW MINES
- TREATMENT OF THE SAMI PEOPLE
- A NEW MINERAL STRATEGI
- OUR STRUGGLE AGAINST NOT WANTED NEW MINES
- TRANSFORMATION OF KIRUNA AND GÄLLIVARE MUNICIPALITIES

SSNC Mineral hierarchy

SSNC is not as a rule an enemy towards establishing of new mines

but
we apply a strict mineral hierarchy

A. Prevent the need for new mining of mineral resources

B. Reuse materials and products containing mineral resources

C. Recover already mined minerals

D Start a new mine

Mining Permit Processes in Swedrn

The process of starting a mine consists of following steps:

The Minerals Act **Possibilities to overrule**

1. **Exploration Permit** ***The Mining Inspectorate decides*** SSNC may not appeal

2. **Work Plan** ***The Mining Inspectorate and County Administration board reviews/approves*** SSNC may have ”views”

3. **Investigation work** ***The County Administration board approves*** SSNC may have ”views” e.g. testdrillings

4. **Mining Concession (permit to extract ore)** ***The Mining Inspectorate , if County Administration, dissents to the Governmet for decision*** ***Government*** ***Supreme Administrative Court***

The Environmental Code

5. **Environmental permit incl. Nature 200 (Permits under Chapter 9 and 11 of The Environmental Code)** ***Land-and Environment Court*** ***Land and Environment Court of Appeal*** ***Supreme Court***

The Minerals Act

6. **Land allocation** ***The Mining Inspectorate*** ***Land and Environment Court***

The Planning and Building Act

7. **Detailed development plan, building permit** ***Municipality (The Government might take over)*** ***Land and Environment*** ***Supreme Administrative Court***

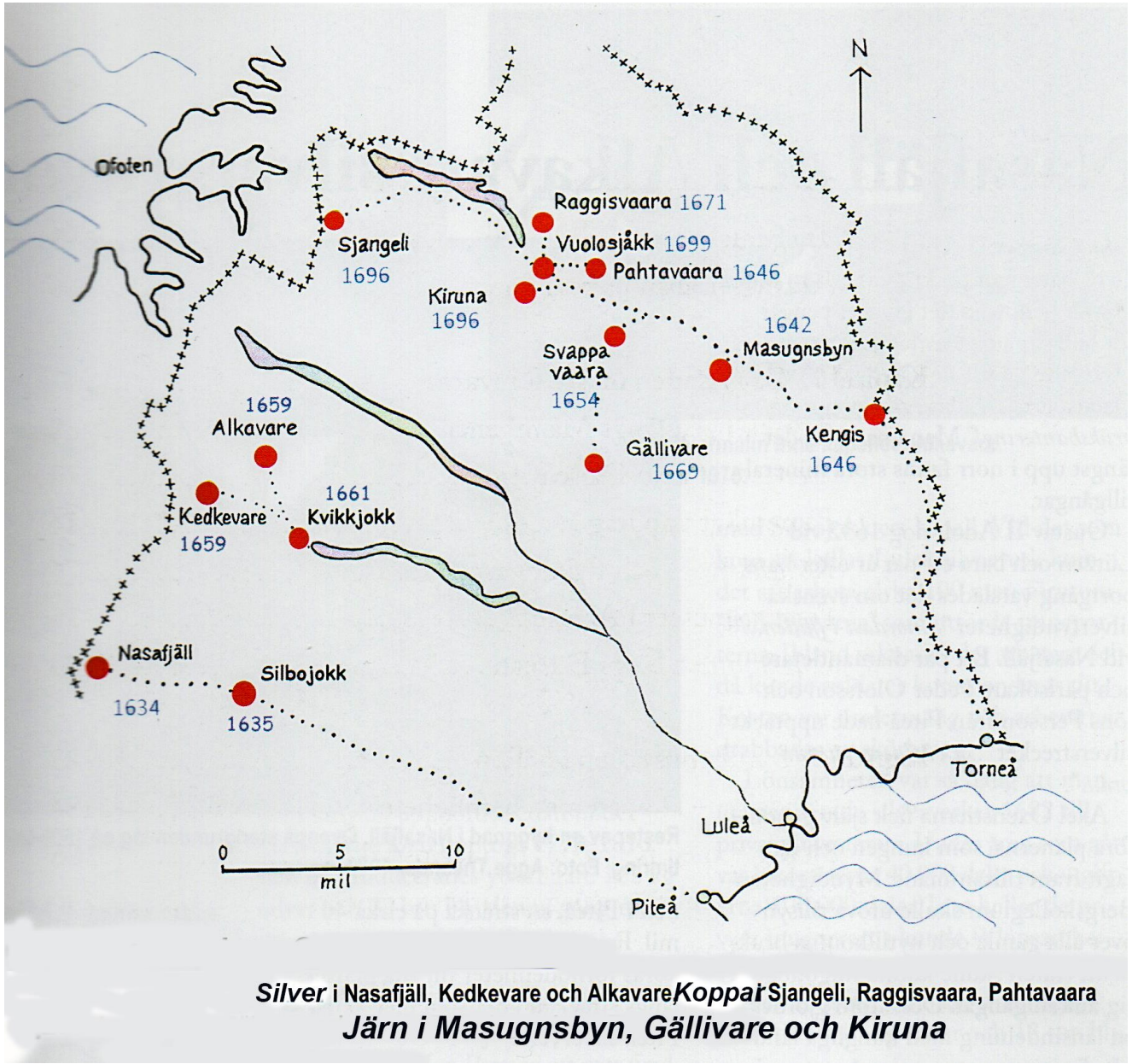
OLD MINING IN NORRBOTTEN

From 17TH CENTURY

<u>SILVER</u>
Nasafjäll
Kedkevare
Alkavaare

<u>COPPER</u>
Sjangeli
Raggisvaara
Pahtavaara

<u>IRON</u>
Masugnsbyn
Gällivare
Kiruna



SITUATION
2026 August

BLACK
IN OPERATION
RED
Still not in operation1§
All permits not granted.
- - - - - - - - - - - - -
Been added:
GeoReality AB
Sarvisto – Graphite
Concession approved



Bolag	Namn	Malm	I drift	Process-läge	Anteckning
LKAB	Kirunavaara + Per Geijer	Järn + REE	X K-vaara	P G ansökt bearbkonc.	
	Mertainen	Järn		”Malpåse” från 2017	Provdrift 6 månader 2022
	Leveänimi	Järn	x		
	Malmberget	Järn	x		
Boliden	Aitik	Koppar	x		
	Liikavaara	Koppar	x		Drift påbörjad
	Laver	Koppar		Bearbetningskoncession	Regeringen beslutat
Kaunis Iron	Tapuli	Järn	x		
	Sahavaara	Järn	(x)	Bearbetningskoncession	Driftstart?
Copperstone	Viscaria	Koppar	(X)	Alla tillstånd	Vattentömning g:a gruvan
Talga	Nunasvaara S	Grafit		Detaljplan /rättsprövning	HFD
	Nunas N, Niska S + N	Grafit		Bearbetnkonc. överklagad	Hos regeringen
Lovisagruvan AB	Pahtohavaare	Koppar		Ännu ingen ansökan	
Jokkmokk iron	Gallok/Kallak	Järn		Bearbetningskoncession	Regeringen beslutat
Boliden	Nautanen	Koppar		Bearbetningskoncession	Regeringen beslutat

Kirunavaara



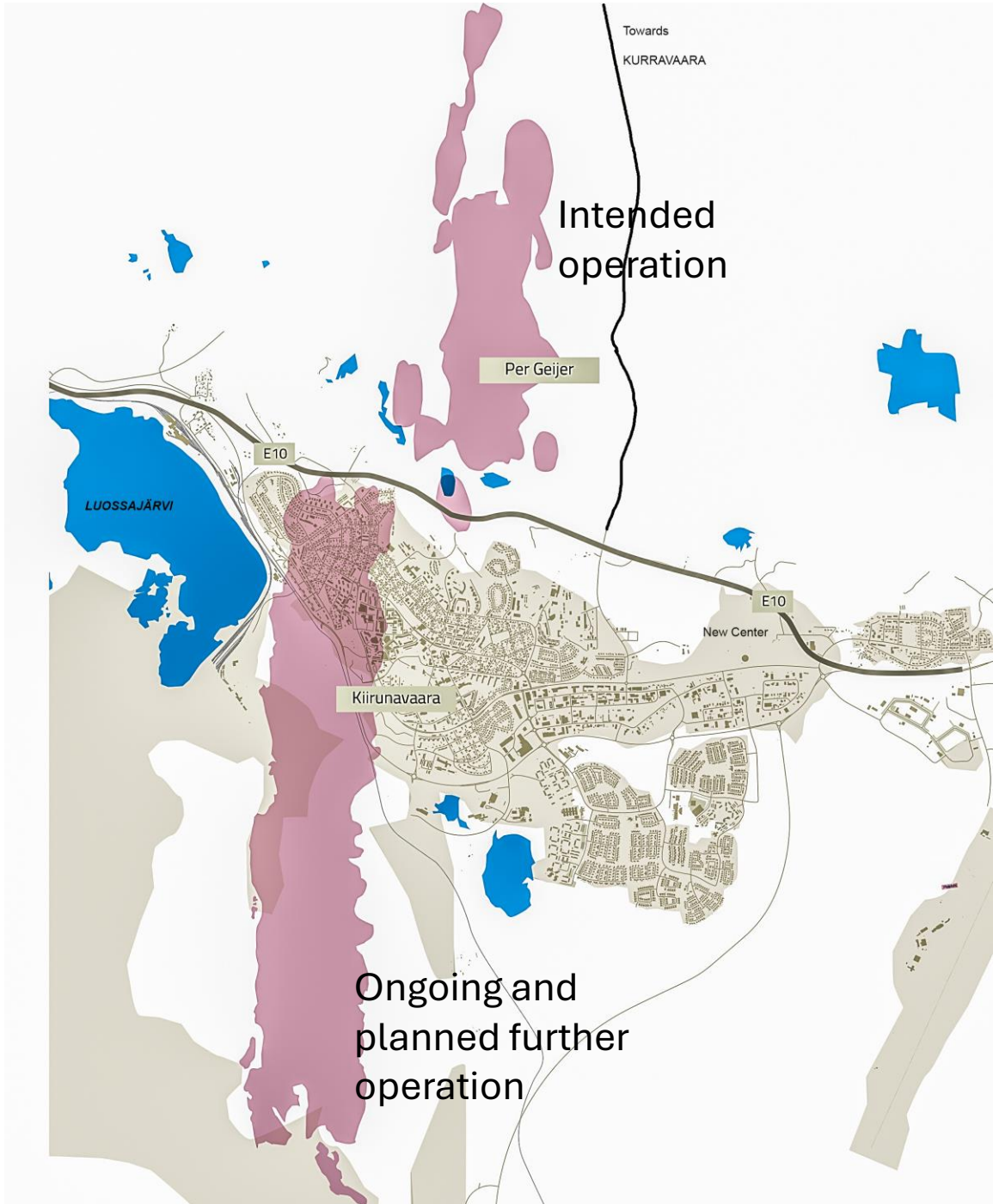




Per Geijer -
Kiruna

In red all mines in operation or previous





Viscaria







Old VISCARIA before 2000



Mertainen

Built and immediately put in a Moth Bag 2017

”Trial operation” 6 months 2022





Recent decision to start transporting iron ore on trucks to Kiruna for processing util beginning of 2028

Leveäniemi i Svappavaara





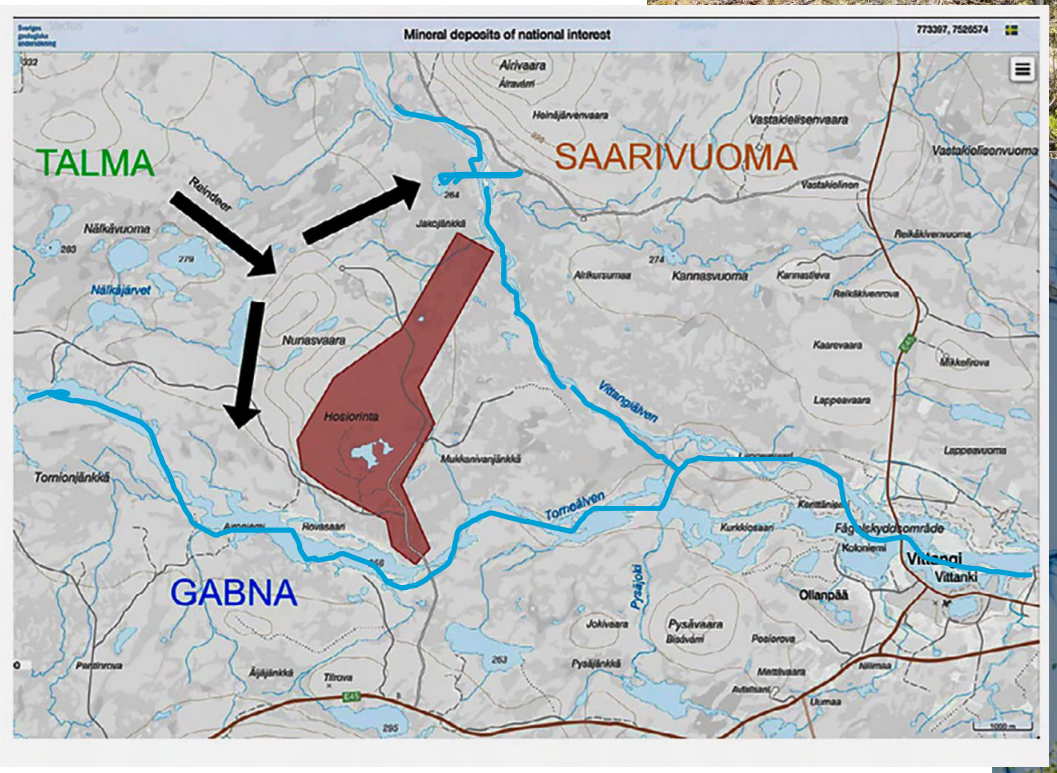


NUNASVAARA SOUTH

1-4 mines
2 rivers (nature 2000)
3 sami communities
High nature values











Kaunisvaara





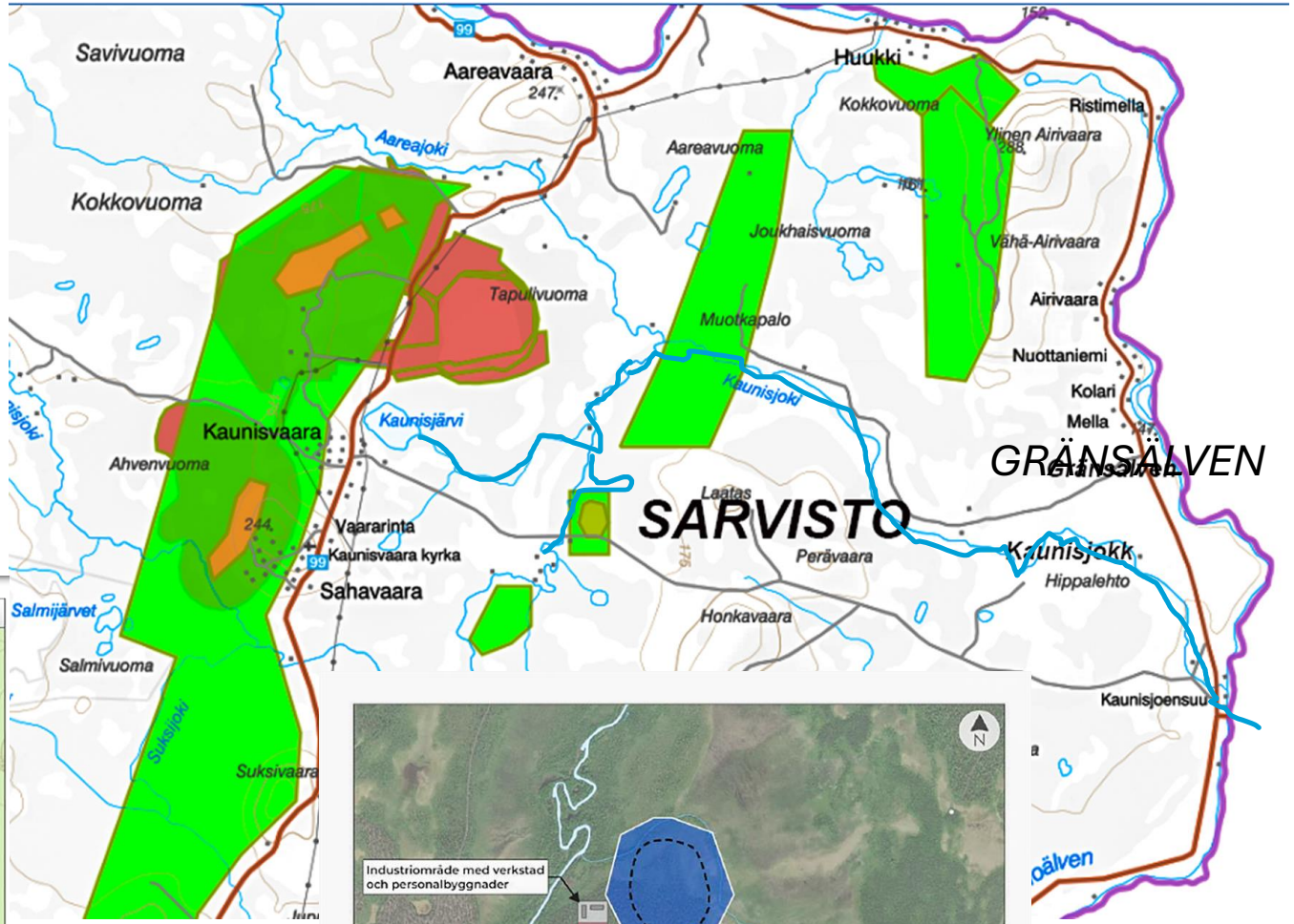


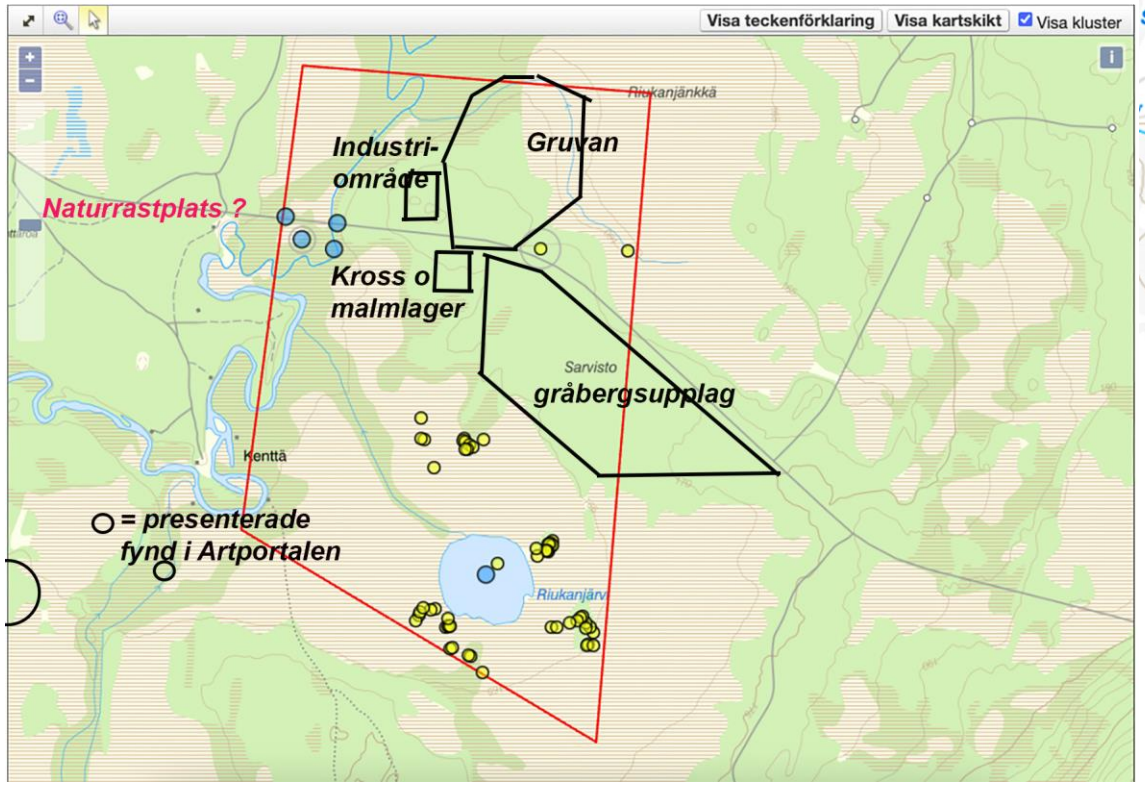


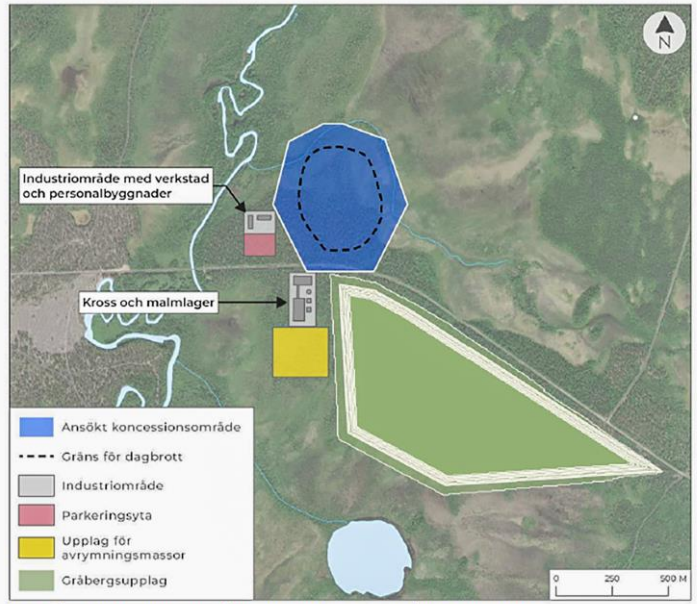
SARVISTO

Surrounding exploration permits belongs as well to Geo Reality AB

Both Kaunisvaara and Sarvisto affects Kaunisjoki to the border river







Figur 2. Översiktlig layout för gruvområdet och ansökt koncessionsområde för Sarvisto K nr 1.

5.1 Gruvbrytning

Malmberget



(mining area)


The pit in Malmberget

APPLICATIONS HAVE BEEN GRANTED FOR:

- ***A FULLSCALE FACILITY FOR DIRECT REDUCTION OF IRON ORE BY HYDROGEN***
- ***AN ELECTROLYSIS FACILITY WITH THE CAPACITY OF 500 MW FOR PRODUCTION OF FOSSILFREE HYDROGEN***

Aitik



Aitik tailings deposit 6 x 3 km

Approved deposition of tailings to the amount of 1 700 million tons in current and expanded tailings deposit (environmental judgement June 2026)





The mining pit has a depth of 450-500 m and a width of 1000m and the length is 3000m.

Liikavaara

MINING IN OPEN PITS for not more than12 years from the 13:th of February 2024,
(The environmental judgement 2026)



The Aitik mine in the background



The road is closed when blasting in the mine

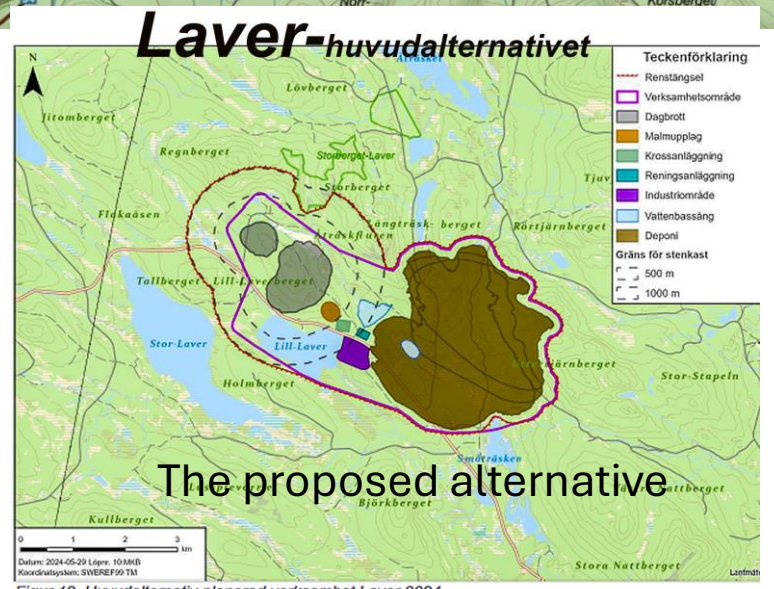
3 villages were vacated and the people were forced to resettle elsewhere
The road E 10 has been rebuilt and got a new stretch of road
THE GOAL TO MAXIMISE PROFIT FOR 12 YEARS

LAVER ***(the old mine operated1936-1946)***





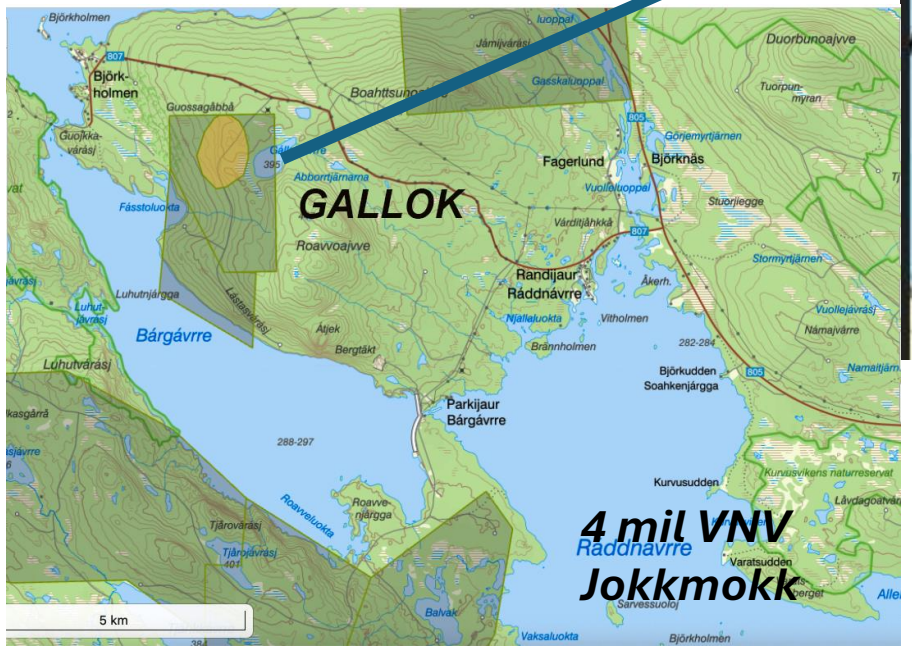


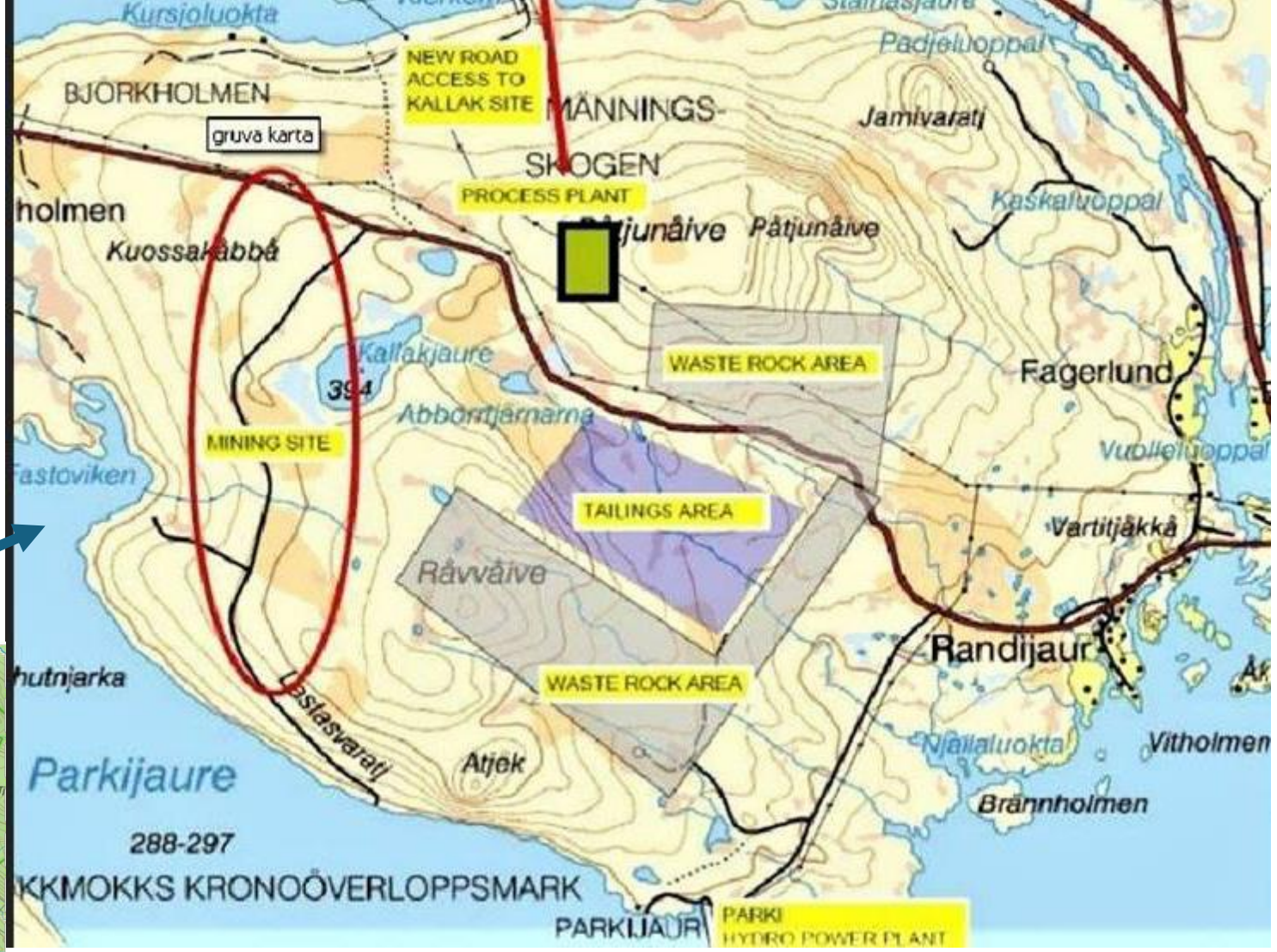


Figur 12. Huvudalternativ planerad verksamhet Laver 2024.

Verksamheten i Laver omfattar två dagbrott vid Lill-Laverberget. Vid full utbyggnad kommer den att omfatta hela berget med angränsande delar.

Gallok





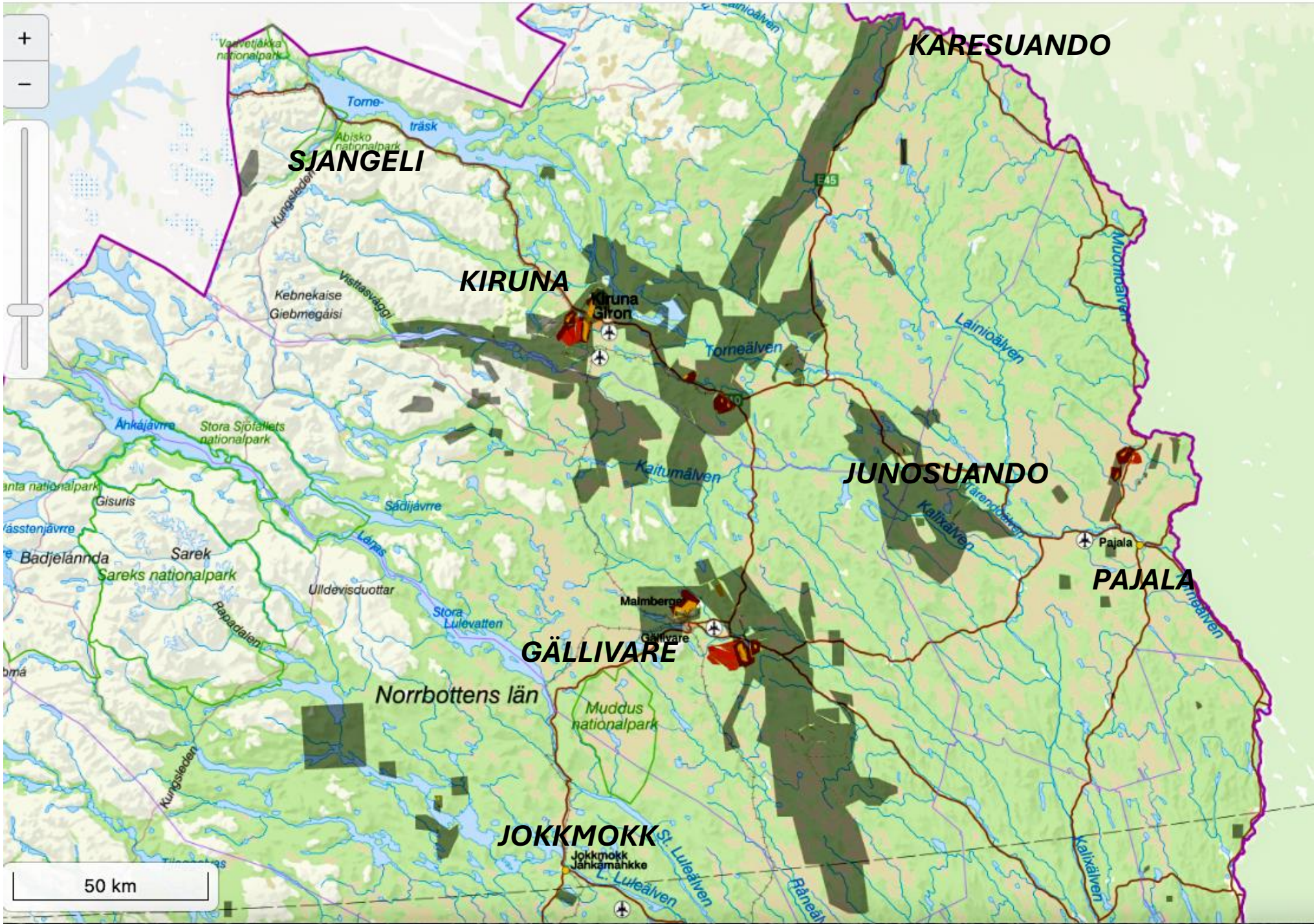
The Lule River

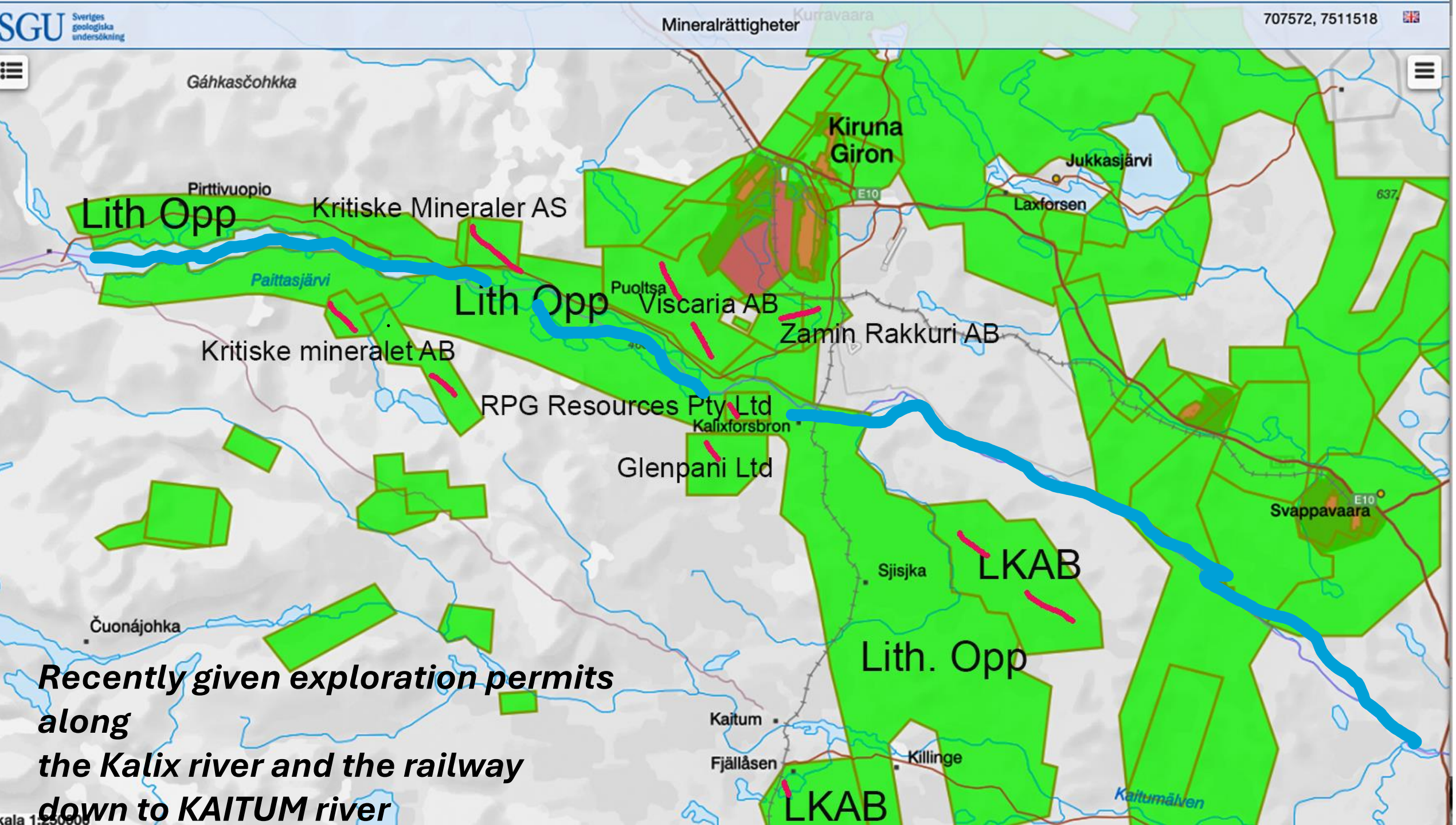
Actual and older **exploration permits** for minerals in the counties of Västerbotten and Norrbotten



Ytor s
och N

Permits in northern parts of NORR-BOTTEN




SGU Sveriges geologiska undersökning
Mineralrättigheter
707572, 7511518
Gáhkasčohkka
Kiruna
Giron
Jukkasjärvi
Laxforsen
E10
637
Pirttivuopio
Lith Opp
Kritiske Mineraler AS
Paittasjärvi
Lith Opp
Puoltsa
Viscaria AB
Zamin Rakkuri AB
Kritiske mineralet AB
RPG Resources Pty Ltd
Kalixforsbron
Glenpani Ltd
Svappavaara
E10
Sjisjka
LKAB
Čuonájohka
Lith. Opp
Kaitum
Fjällåsen
Killinge
LKAB
Kaitumälven
Recently given exploration permits along
the Kalix river and the railway
down to KAITUM river

RIGHTS OF THE SÁMI

UN DECLARATION ON THE RIGHTS OF INDIGENOUS PEOPLES(UNDRIP)

UNITED NATIONS CONVENTION ON THE ELIMINATION OF ALL RACIAL DISCRIMINATION

COUNCIL OF EUROPE FRAMEWORK CONVENTION FOR THE PROTECTION OF NATIONAL MINORITIES

THE INSTRUMENT OF GOVERNMENT – THE SWEDISH CONSTITUTION (1. CHAPTER 2 §)

THE REINDEER HUSBANDRY ACT

THE ENVIRONMENTAL CODE (CHAPTER 3, SECTION 5, private and public interest and national interest)
NATIONAL MINORITIES ACT

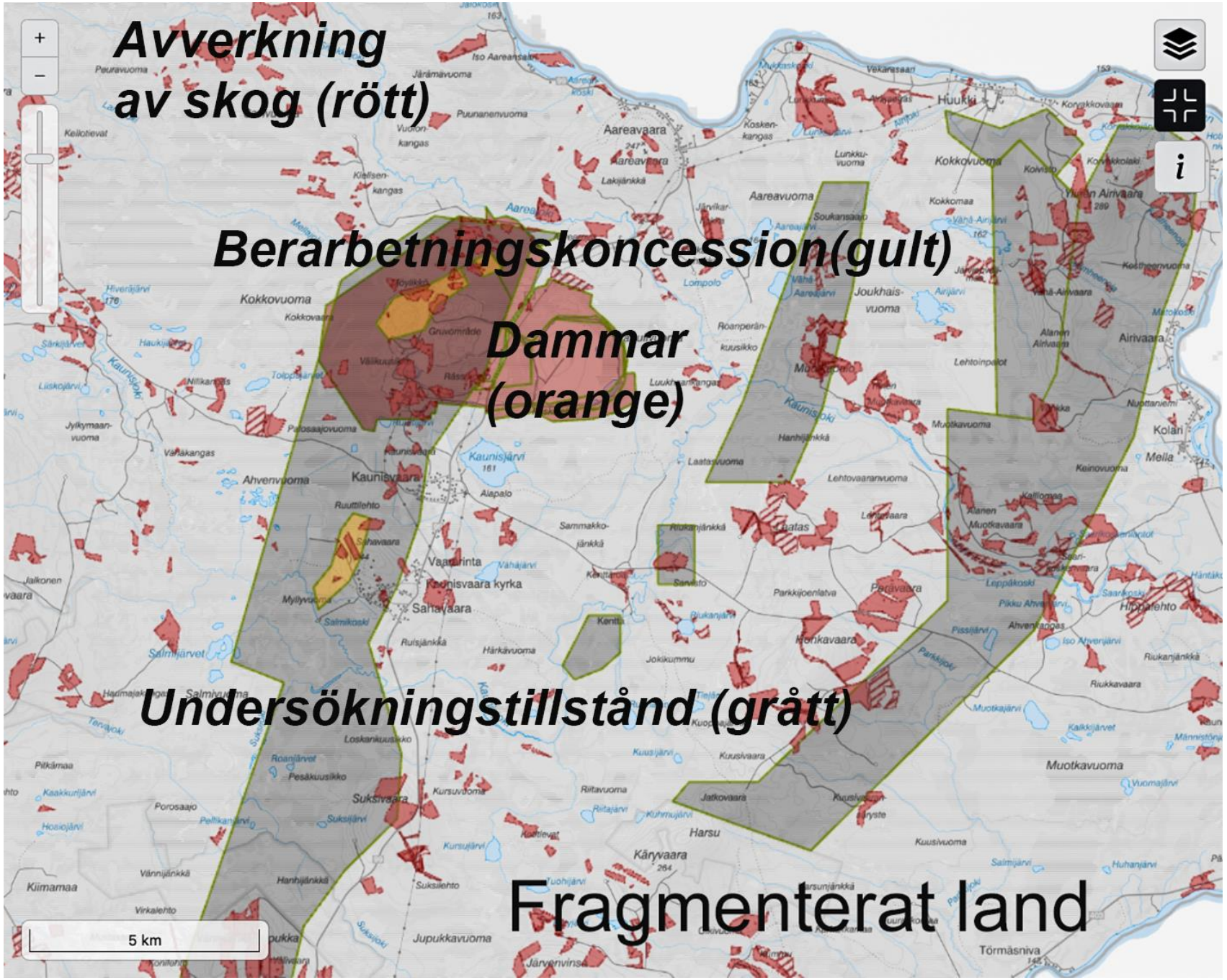
ACT ON CONSULTATION IN MATTERS CONCERNING THE SÁMI PEOPLE (2022)

FPIC stands for Free, Prior and Informed Consent and can be described as both a right and not only a recommendation.

Cumulative effects

- Loggnings (red)
- Mines (yellow)
- Deposits (orange)
- Exploration (grey)
- New roads
- Power lines
- Windmill areas
- Industrial facilities
- Power plants

The land reduces



ENVIRONMENTAL- other RESISTANCE ORGANISATIONS

INTERNATIONALLY

- **Finnish and Norwegian environmental organizations**
- **European Environmental Bureau (EEB)**
- **Powershift e.g. (Germany)**

SWEDEN

- **Swedish Society for Nature Conservation(SSNC – 2 mine groups)**
- **The River Savers' Association (Älvräddarna)**
- **World Wide Fund for Nature (Världsnaturfonden /WWF)**
- **Protect the forest (Skydda Skogen)**
- **Birdlife Sweden (Sveriges ornitologiska förening –SOF)**
- **GREENPEACE**
- **The Sami Parliament och Swedish Sami National Association (SSR)**

REGIONALLY

- **SSNC county organizations**
- **Protect the forest (and other forest organizations)**
- **Norrbotten ornithological association (Norrbottens ornitologiska förening (NOF))**

LOCALLY

- **SSNC municipal circles (Kommunvisa kretsar)**
- **Urbergsgruppen (”Save the lake Vättern”, ”Rädda Vättern”)**
- **Save Gállok (Skydda Gállok)**
- **Save Pite river (Pite Älvs-gruppen och Laver)**
- **Yes, to a future without the mine (Ja till framtid utan gruva –Nunasvaara**
- **No to a uranium mine (Nej till urangruva – Skydda Kalixälven((recently organized)**
- **Various Sami villages**



STOCKHOLM 2023





VITTANGI 2026

The chairman of Kiruna municipality









STOCKHOLM 23 AUGUST 2026

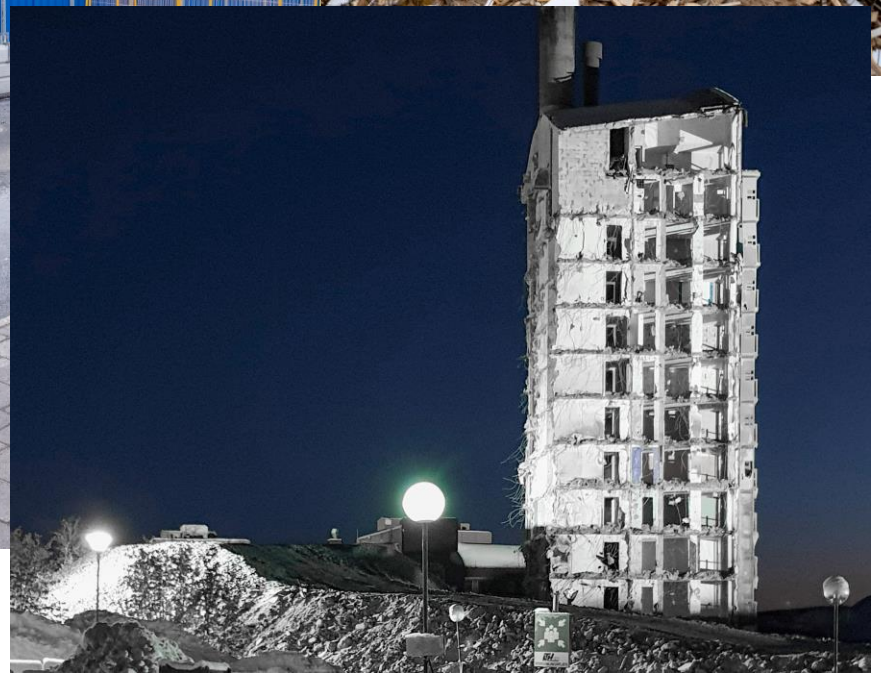
283 0rganisations

More than 50 000 participants

HOUSES DESIGNED BY THE FAMOUS ARCHITE
ERSKINE ARE DEMLISHED





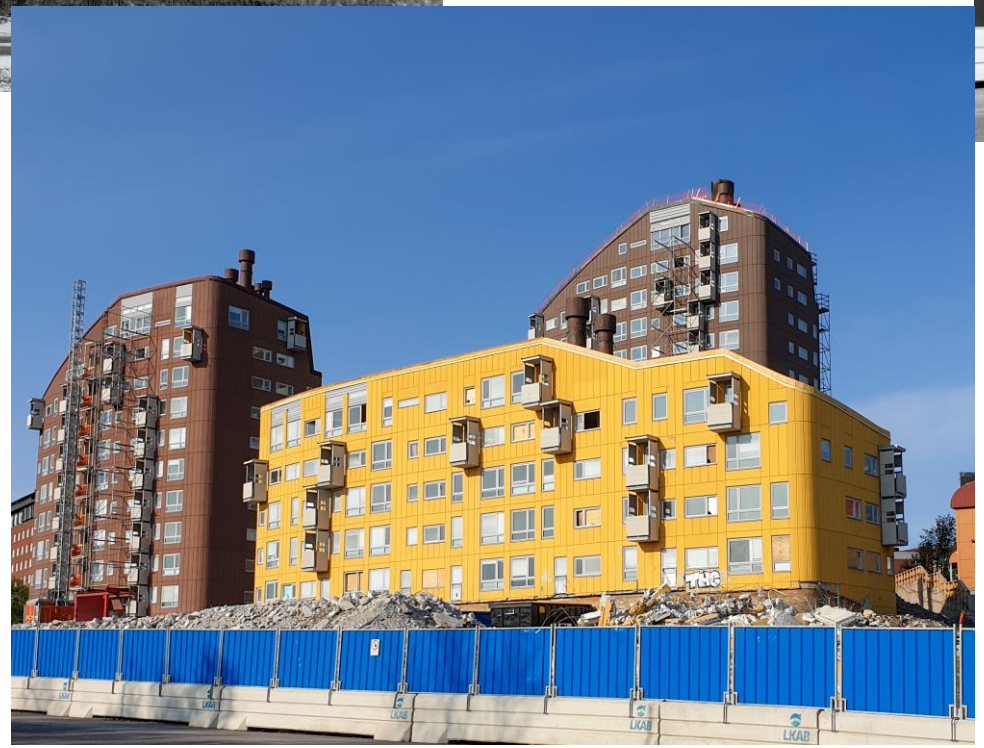




The so called ”Berlinwall” dissapears







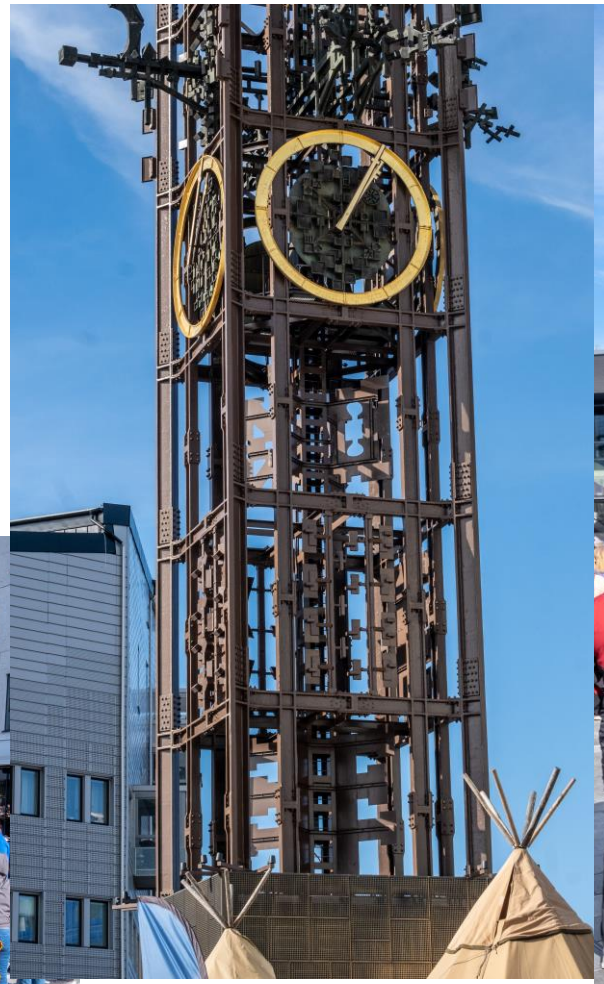




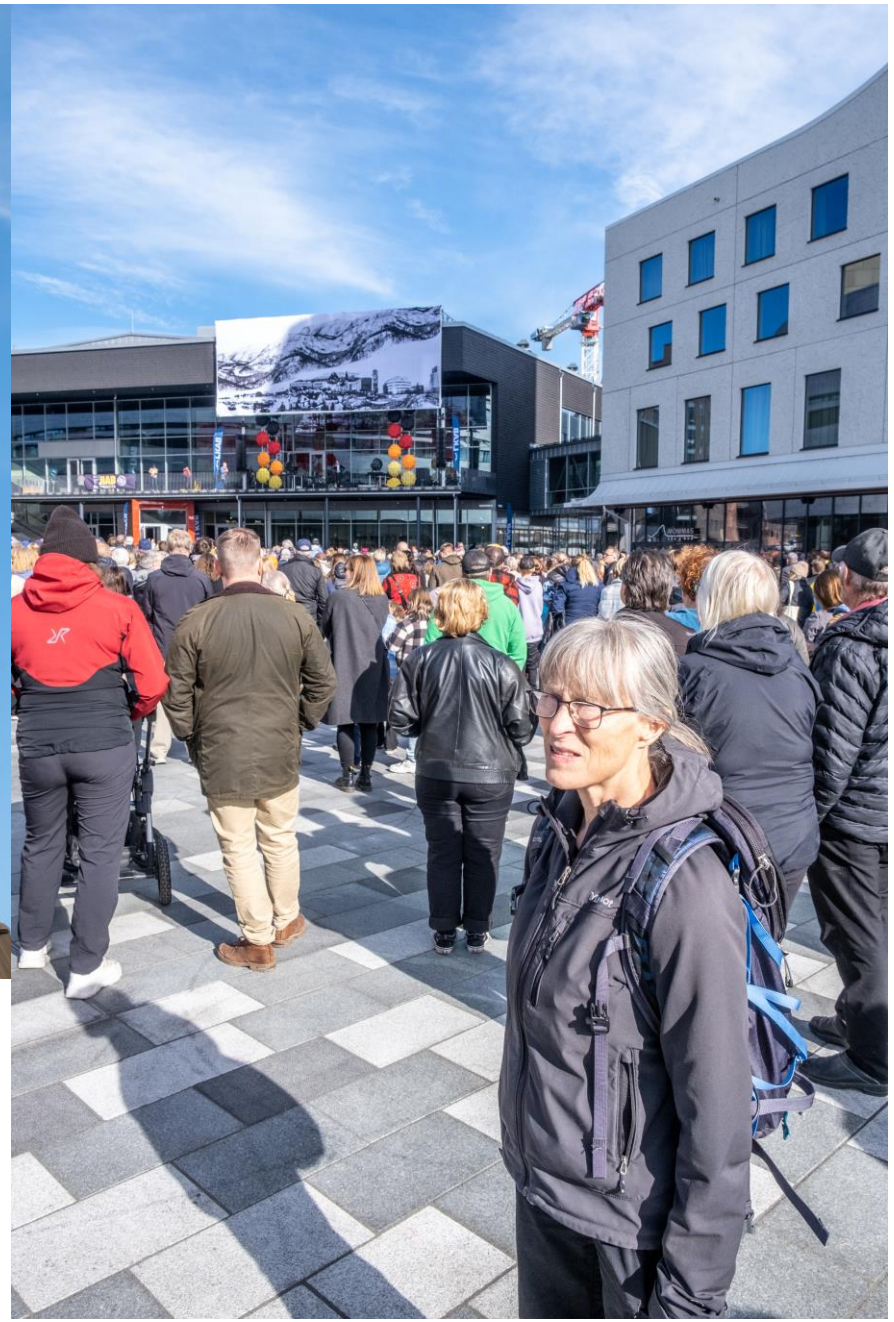
The destruction of the City hall 2019

The inauguration of the new city Centre 2022









Part of the old Centre



New park with a view toward the church
(before its relocation)



The TEMPO-HOUSE
before demolishing



View towards Kirunavaara from the old centre (gone),
A small rest shelter in the foreground





View Ferrum





The hotel Ferrum and the Peoples house – Goodbye

After 21 years of destruction and relocation – time for the Church rolling down to the new Centre
25 AUGUST 2025



6 NYHETER

NYHETER 7

Newspaper questions?

Kirunaborna väntar på svar – vad ska nu rivas eller flyttas?

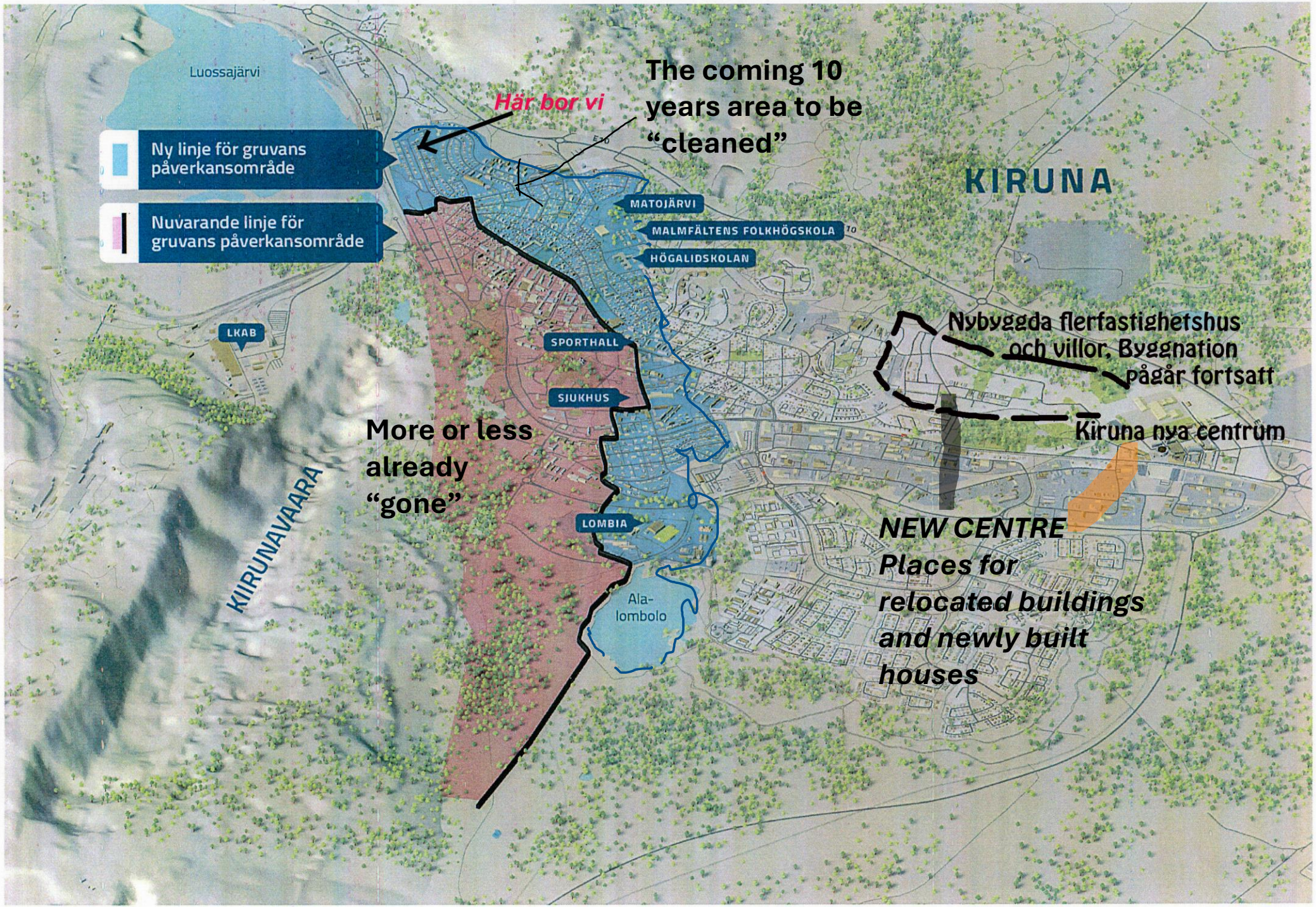
KIRUNA

Många andades ut när kyrkan sattes på sin nya höjd. Däribland LKAB:s styrelseordförande Anders Borg. Men några svar om kommande förändringar och den nya deformationsprognosen kan han inte ge Kirunaborna.

– Det kommer vi till när det är dags för det.

Vi går enorma uppoffringar för Sverige och Europa och vi får för lite tillbaka.

Mats Tuuvanlieu (S)


Luossajärvi
Här bor vi
The coming 10 years area to be "cleaned"
Ny linje för gruvans påverkansområde
Nuvarande linje för gruvans påverkansområde
KIRUNA
MATOJÄRVI
MALMFÄLTENS FOLKHÖGSKOLA
HÖGALIDSKOLAN
LKAB
SPORTHALL
SJUKHUS
LOMBIA
Ala-lombolo
KIIRUNAVAARA
More or less already "gone"
Nybyggda flerfastighetshus och villor. Byggnation pågår fortsatt
Kiruna nya centrum
NEW CENTRE
Places for relocated buildings and newly built houses







Kiitos, että kuuntelit
Ja
Silti uskomme ihmisten, eläinten ja luonnon tulevaisuuteen
Upea maamme napapiirin yläpuolella