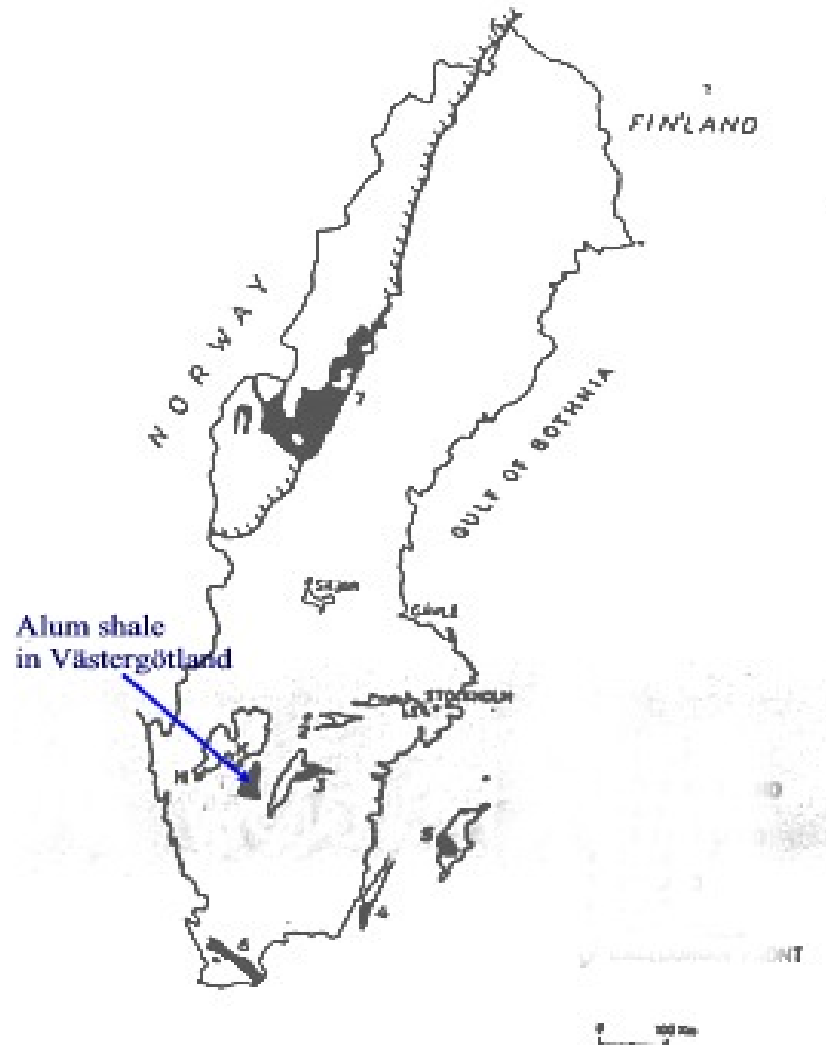




# Ranstad

A threat to our future?

# Alum shale deposits





## The Table-lands of Sweden

**Falköping-Skara-Skövde-Tidaholm**



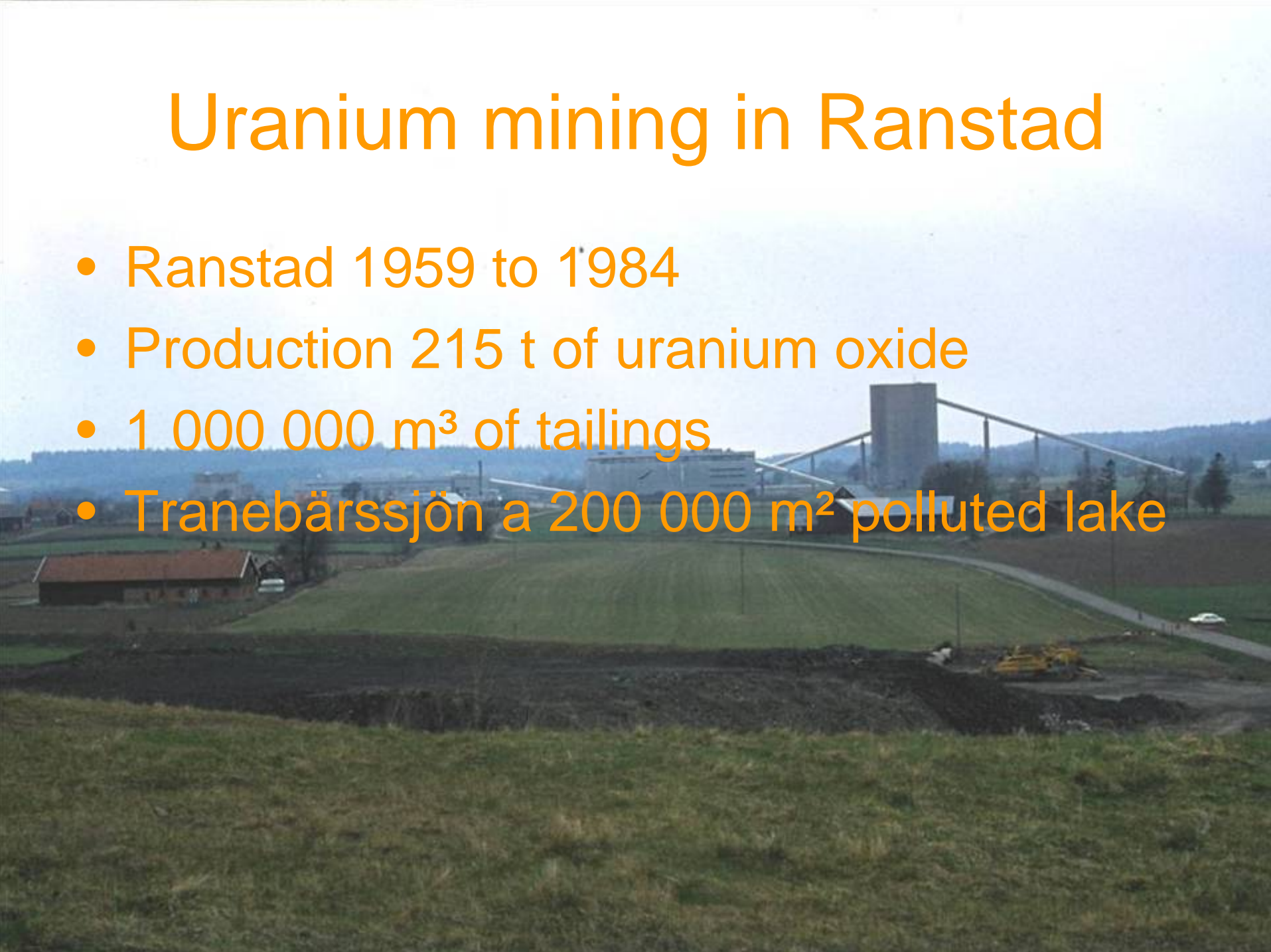


# History of Ranstad

- 1900 AB Kolm, radium production
- 1953 Classified report "The uranium rich alum slate in Västergötland"
- 1960 Start of the uranium project at Ranstad
- 1970-1984 Several project for profitable mining was considered
- 1984 End of uranium mining

# Uranium mining in Ranstad

- Ranstad 1959 to 1984
- Production 215 t of uranium oxide
- 1 000 000 m<sup>3</sup> of tailings
- Tranebärssjön a 200 000 m<sup>2</sup> polluted lake



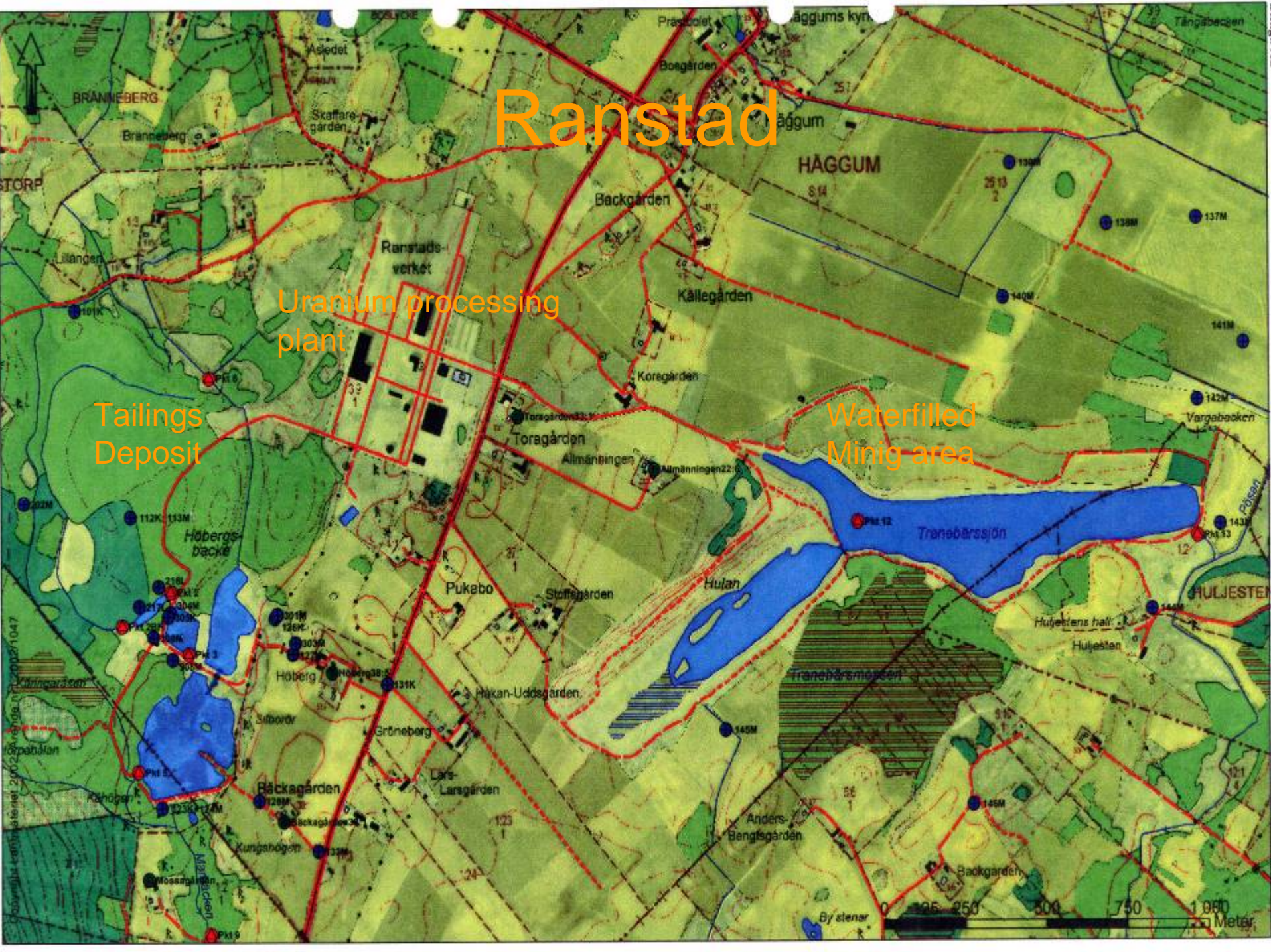


# Ranstad

Uranium processing  
plant

Tailings  
Deposit

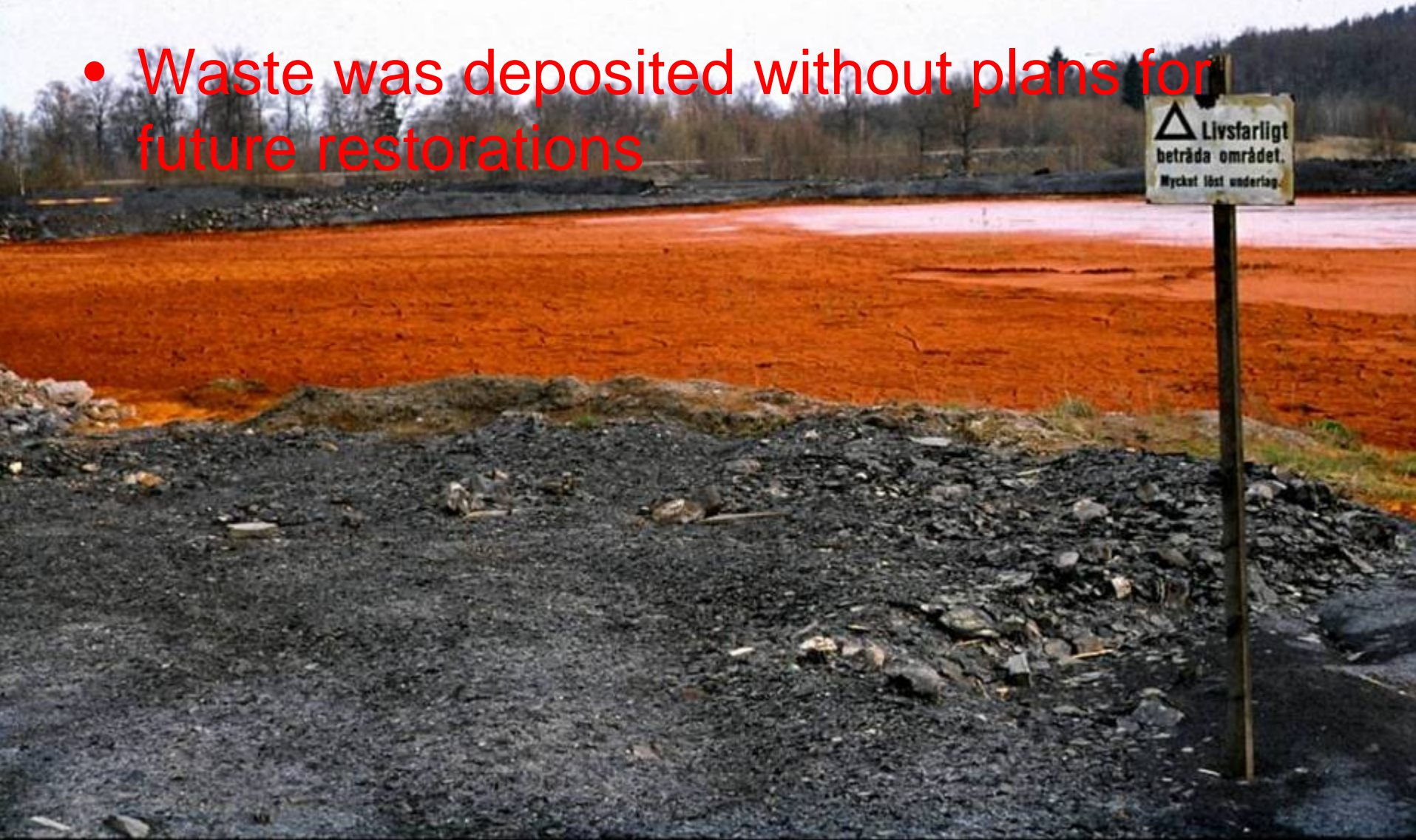
Waterfilled  
Mining area





# Tailings deposits

- Waste was deposited without plans for future restorations





# Tailings deposit

- Collected run offs





# Mining area

- Open pit 2000 x 100 m





# Tranebärssjön

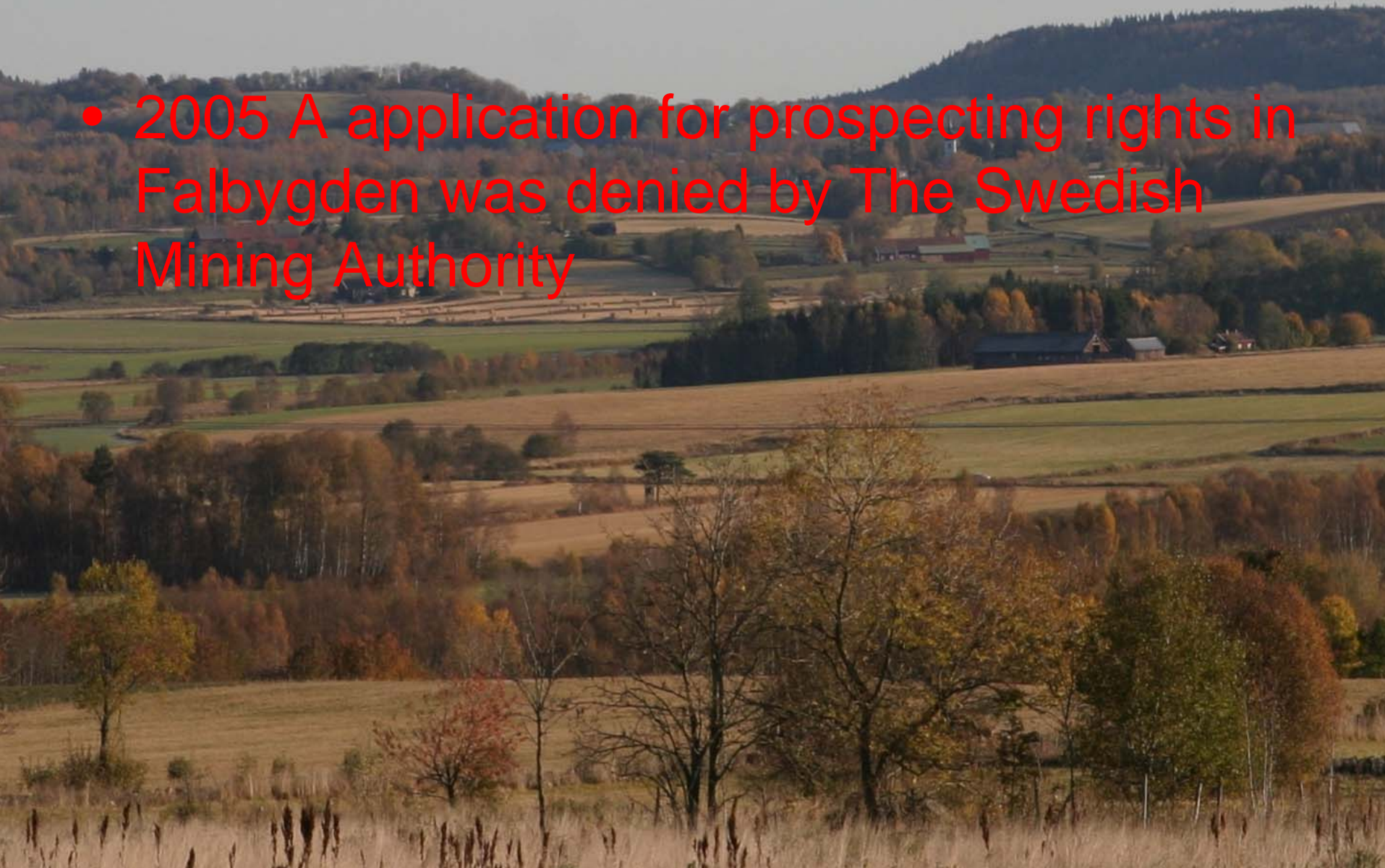
- Uranium 140 Kg/year
- Nickel 7 Kg/year
- Water unsuitable for grassing animals
- Uranium content in Pösan and Hornborgaån above WHO recommendations

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# Recent events

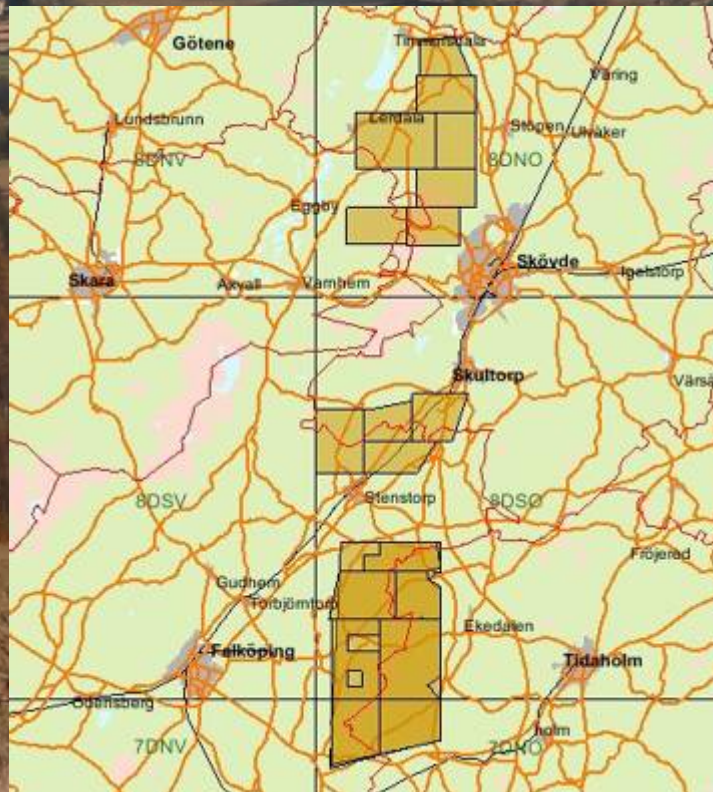
- 2005 A application for prospecting rights in Falbygden was denied by The Swedish Mining Authority





# Recent events

- 2006 Three companies applies for prospecting rights in a much larger area





Leave the uranium in the ground,  
don't spoil this landscape!

