



## NAGRA'S SITING PROPOSAL

**Nagra's investigations show that the Jura Ost, Nördlich Lägern and Zurich Nordost siting regions all fulfil the requirements for the construction of a repository. However, Nördlich Lägern is the most suitable.**

At the request of the Federal Government, Nagra started its search with the whole of Switzerland, then narrowed it down to suitable regions and finally investigated the three best ones in detail.

Today, Nagra is in a position to say that the Nördlich Lägern siting region is the most suitable for a deep geological repository for all of Switzerland's radioactive waste. Together with the region and Canton Zürich, Nagra identified the Haberstal area in the community of Stadel as the site for the surface infrastructure. The encapsulation plants for the waste are to be constructed at the Zwiilag interim storage facility in the community of Würenlingen.

### WHY HERE?

**Nördlich Lägern is the most suitable site and has the largest safety reserves. This has been determined based on three key factors:**

- 1 Here, the rock deep below the surface best confines the radioactive waste. Nagra detected traces of water dating back millions of years in the pores of the rock. The quality of the rock is highest here.
- 2 As it is extremely stable, the rock in Nördlich Lägern is best suited to confine the waste not only today but also in the distant future. The earth's surface will change over time, but the ground deep below the surface will not: it thus affords the best protection to the rock hosting the repository.
- 3 Nördlich Lägern has the largest area of suitable rock, providing Nagra with the greatest degree of flexibility for constructing the repository.