

RESEAL - shaft

1997 - 2009

A large-scale in situ demonstration test
for repository sealing in an argillaceous host rock



GOAL

Study the possibility
of closing off a shaft
with a bentonite seal.

April 1998

Installation of radial piezometers
and displacement transducers

July 1998

Installation of vertical piezometer

February 1998

Backfilling of the bottom of the shaft
with concrete

August 1999

Removal of the lining

September 1999

Installation and closing of the seal

May 2000 - April 2006

Artificial hydration

November 2005 - May 2006

Permeability tests

February - April 2006

Gas injection tests

October 2006

Injection of tracer (^{125}I)
Start of migration test

