

PHEBUS

1991 - 1995

PHEnomenology of hydrological transfer Between atmosphere and Underground Storage



GOAL

Study of the hydraulic and hydro-mechanical behaviour of clay (e.g. desaturation) around a ventilated gallery.

September 1993

Installation of 3 instrumented boreholes

Mid 1994

Central probe embedded in clay (FG-3W)

September 1995

Start of the measurements

AN EXPERIMENTAL PROBE (FG-3W) WITH DRY AIR CIRCULATION

3 INSTRUMENTED BOREHOLES (FG-4W AND TWO BOREHOLES FROM THE FIRST SHAFT) TO MONITOR THE TOTAL & PORE WATER PRESSURE AND WATER CONTENT VARIATION IN CLAY

