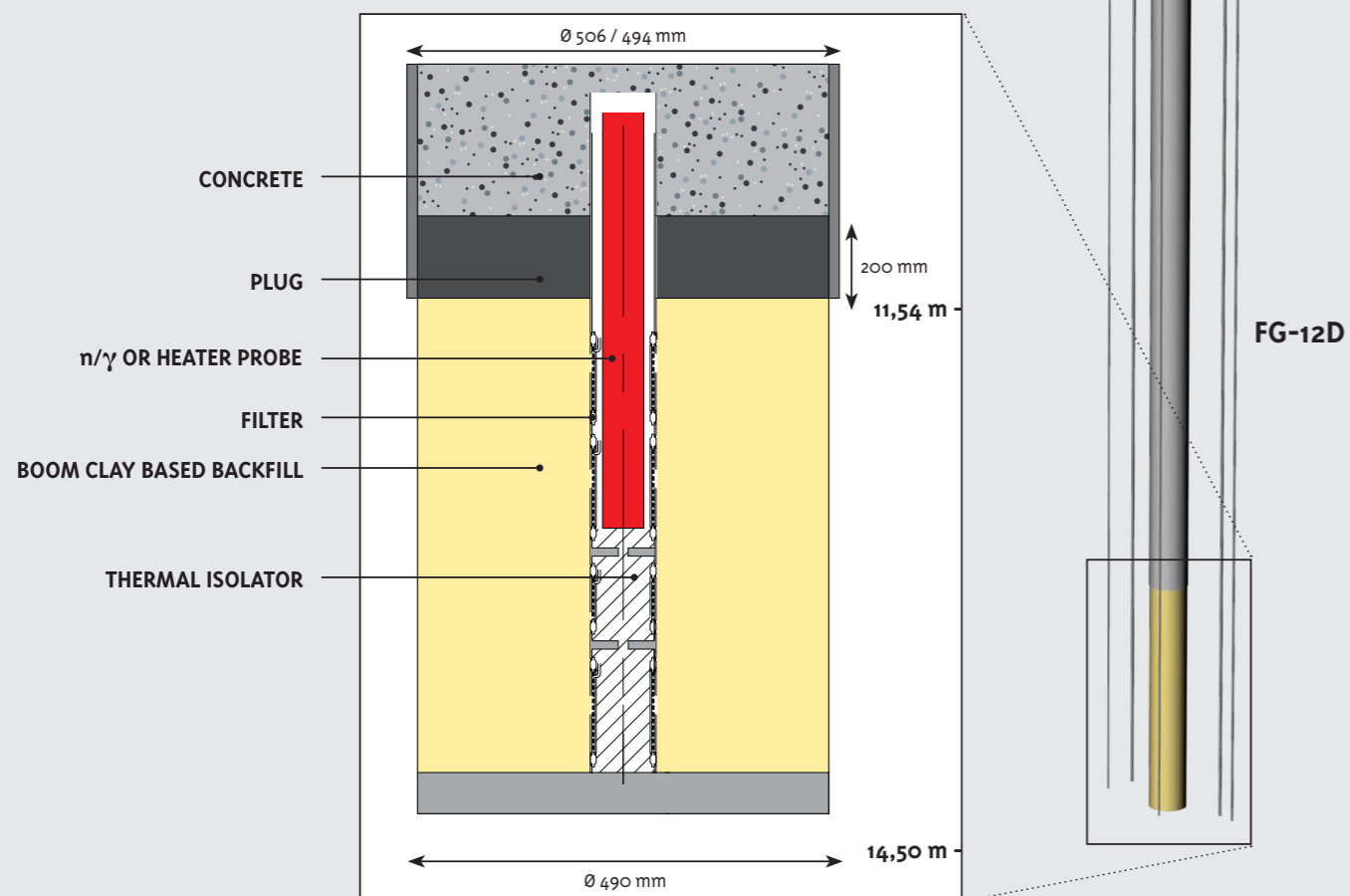


# BACCHUS I & II

1988 - 1995

## BACKfill Control experiment with Hydration for the Underground Storage of radioactive waste



### GOAL

Demonstration of the applicability of a clay-based backfill material. Study of the thermo-hydro-mechanical (THM) behaviour of the clay-based backfill and its interaction with the clay host rock.

#### November - December 1988

Installation of BACCHUS I

#### March 1989 - June 1990

Heating phase BACCHUS I  
Monitoring of T, PWP, total stress and moisture in and around the backfill

#### June 1993

Retrieval of BACCHUS I  
Installation of BACCHUS 2

#### July 1993 - September 1995

Follow-up of the hydration process and hydro-mechanical interaction with the Boom Clay

