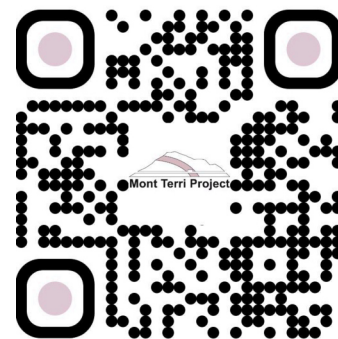


# Mont Terri Project Underground Rock Laboratory



Report period: May 12–18, 2025

Assembled and edited by swisstopo, St-Ursanne



**Spotlight of the week:** On Tuesday and Wednesday, May 13-14, the Technical Meeting TM-42 took place in Porrentruy and St-Ursanne. Nearly 150 participants from the entire Mont Terri community gathered for updates on the experiments during the talks and to plan the upcoming phases in different working group session and technical discussions. We are so happy to be among this thriving scientific community, thank you all very much! (Fig. S. Schefer, swisstopo).

## Important note

- From Thursday to Sunday, May 29-June 1st, the lab will be closed due to the local holiday.

## DR-C (Diffusion in a Thermal Gradient) experiment

- On Tuesday, May 13, Y. Lettry (Solexperts) increased the heating temperature by 5 degrees.
- On Wednesday, May 14, Y Lettry (Solexperts) increased the heating temperature another 5 degrees and also adjusted the pressure inside the packers and the injection intervals.

## FE-M (Long-Term Monitoring of the Full-Scale Emplacement Experiment) experiment

- On Thursday, May 15, S. Schefer (swisstopo) restarted the Smartec interrogator on behalf of B. Firat (Nagra).

## FS-B (Imaging the Long-Term Loss of Faulted Host Rock Integrity) experiment

- From Monday to Thursday, May 12–15, A. Eul, S. Braunschweig and F. Durulan (Eul GmbH) installed the rig and started drilling on BFS-B14 to a depth of 14 m.
- On Monday, May 12, S. Schefer (swisstopo) marked the position and orientation for BFS-B14. It will be above the main fault and reach a depth of 70 m (**Figure 1**).
- From Tuesday to Wednesday, May 13–14, J. Gisiger, H. Geisser and A. Scholl (Solexperts) installed the monitoring equipment into BFS-B16 and cemented the annulus of the PVC casing with Pumice cement.
- On Tuesday, May 13, M. Garcia (Terratec) performed OBI, spectral gamma and dual induction logs inside BFS-B16.

## PC-C (Gas and Porewater Equilibration) experiment

- On Monday, May 12, S. Schefer (swisstopo) restarted the CR3000 micrologger.

## Visits

Day	Date	Group Name	Group Size	Visitors Guide
Wed	14.5.2025	Technical Meeting	35	D. Jaeggi (swisstopo) M. Ziegler (swisstopo) S. Schefer (swisstopo)
Thu	15.5.2025	Alpiq	33	C. Nussbaum (swisstopo) M. Braun (Nagra) O. Leupin (Nagra)

## Figures



**Figure 1: FS-B:** Marking the position of BFS-B14 while the Eul team finishes BFS-B16 (S. Schefer, swisstopo).