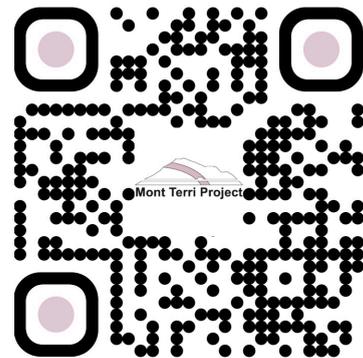


# Mont Terri Project Underground Rock Laboratory



Report period: January 26, 2026 – February 1, 2026

Assembled and edited by swisstopo, St-Ursanne



**Spotlight of the week:** This week, on Tuesday and Wednesday, the second CIGSS (Caprock Integrity & Gas Storage Symposium) took place at the Mont Terri Visitor Center in St-Ursanne after 2024. Approximately 60 participants gathered to discuss the latest results and achievements in the fields of caprock integrity and gas storage. We would like to thank all participants for this great meeting. The CIGSS proceedings can be downloaded here: <https://doi.org/10.60695/27012026> (Group photo by S. Schefer, swisstopo).

## CL (CO2LPIE-CO2 Long-Term Periodic Injection) experiment

- On Monday, January 26, J. Gisiger (Solexperts) and J. Windisch (swisstopo) increased the pressure in BCL-11 by 2 bar to total 15 bar.
- On Thursday, January 29, S. Schefer (swisstopo) took two water samples from BCL-11.
- On Thursday, January 29, D. Jaeggi and C. Etter (swisstopo) switched the valves to measure pH and Eh.
- On Friday, January 30, C. Etter (swisstopo) switched the valves back to bypass.

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

- On Monday, January 26, S. Schefer and J. Windisch (swisstopo) took sample #4 from sampler 3 from BDR-C1 and BDR-C6, measured pH and sent them to KIT for analysis.

## DR-D (Heterogeneity of Sandy Facies by Geophysical Characterization and Diffusion Studies) experiment

- On Monday, January 26, S. Schefer and J. Windisch (swisstopo) took sample #4 from BDR-D3, measured pH and sent the sample to KIT for radionuclide analysis. Contamination tests showed no activities above background.

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

- On Tuesday, January 27, B. Firat (Nagra) performed K2R measurements with the newly repaired probe.
- On Thursday, January 29, L. Keller and J. Müller (roXplore gmbh) performed crosshole seismic measurements between GT1 and GT2. E. Manukyan (Nagra) supervised the measurements (**Figure 1**).

## MA-A (Modular Platform for Microbial Studies) experiment

- On Tuesday, January 27, M. Abdelouhabi and C. Rolland (EPFL) sampled anoxic porewater from BMA-A2.

## SW-A (Large-Scale Sandwich Seal in Opalinus Clay) experiment

- On Thursday, January 29, S. Schefer (swisstopo) refilled the HPT of shaft 1.

## Varia

- On Monday, January 26, the network was down and computers were no longer accessible. This was due to a faulty fibre connection port. All computers were running and no data should have been lost.

## Visits

Day	Date	Group Name	Group Size	Visitors Guide
Wed	28.1.2026	Caprock Integrity & Gas Storage Symposium Rock Laboratory Visit	19	C. Nussbaum (swisstopo) D. Jaeggi (swisstopo) M. Ziegler (swisstopo)

## Figures



Figure 1: FE-M: Explanation of the measurements (S. Schefer, swisstopo).