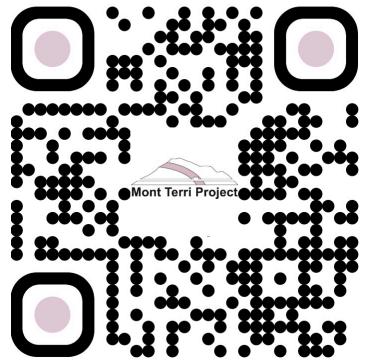


Mont Terri Project Underground Rock Laboratory

Report period: December 15–21, 2025

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: A very moving year is about to be ending. We successfully continued the research with many great experiments and are preparing for the upcoming challenges next year. We are grateful for all of your effort and support during this year and wish you a peaceful holiday break and a happy new year! (Fig. S. Schefer, swisstopo).

Important note

- The lab will be closed for the winter break from December 22 to January 4. We maintain a standby intervention service. Enjoy the winter break, we are looking forward to seeing you next year!

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

- On Monday, December 15, S. Schefer (swisstopo) restarted the GmuG system.
- On Wednesday, December 17, M. Ziegler (swisstopo) moved the seismic DAS from PF-A to CL to continue seismic monitoring and conduct active seismic transmission surveys.
- On Friday, December 19, J. Windisch (swisstopo) took sample #15 from the circulation interval of BCL-11.

DR-C (Diffusion in a Thermal Gradient) experiment

- On Thursday, December 18, Y. Lettry (Solexperts) adjusted the heating temperature to 83° C and installed a pressure control unit for BDR-C1 packer 3 (balance, pressure vessel and N₂ bottle).

LT (Long-Term Monitoring) experiment

- On Monday, December 15, C. Etter (swisstopo) measured the changes of the x/y/z axis of the joint meter in Niche EZ-B and at the main fault in Ga98.

PF-A (Progressive Evolution of Structurally-Controlled Overbreaks: Long-term monitoring, hydromechanical simulation and rock testing) experiment

- On Tuesday, December 16, M. Facchini (Iridis Solutions) was on site to splice the newly installed fibre optic cables.
- On Wednesday, December 17, M. Ziegler (swisstopo) moved the seismic DAS from CL to PF-A to conduct active seismic transmission surveys. The transmissions were manually started.

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

- On Thursday, December 18, S. Schefer and C. Nussbaum (swisstopo) refilled the HPT of shaft 1.
- On Thursday, December 18, S. Schefer and J. Windisch (swisstopo) refilled the HPT of shaft 1.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Tue	16.12.2025	Bundesamt Für Strassen ASTRA	17	R. Nicol (swisstopo)
Wed	17.12.2025	Naturhistorisches Museum Bern	13	D. Jaeggi (swisstopo)