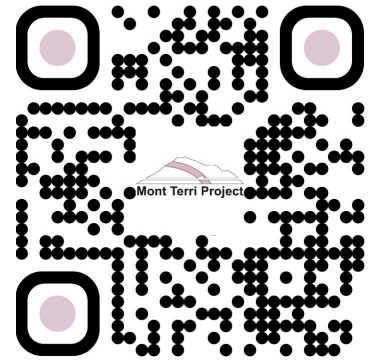


# Mont Terri Project Underground Rock Laboratory

Report period: November 24–30, 2025

Assembled and edited by swisstopo, St-Ursanne



**Spotlight of the week:** Absolute gravity measurements on the Metas point.

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

- On Friday, November 28, J. Windisch (swisstopo) took sample #12 from the circulation interval.

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

- On Tuesday, November 25, Y. Lettry (Solexperts) reinflated packer 3 of BDR-C1, tightened the pressure vessel bolts. He then increased the pressure over 10 bar inside the vessel and started circulating the interval. He also repaired the module's light system.

## FE (Full Scale Emplacement Demonstration) experiment

- From Monday to Wednesday, November 24–26, S. Tuñon and M. Martinez (Amphos21) replaced the FE control computers and tested the new system.

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

- On Monday, November 24, J. Windisch (swisstopo) refilled the calibration bath with 25 L of demineralized water.

## HS (Hydrogeological Survey of the Mont Terri Anticline) experiment

- From Tuesday to Wednesday, November 25–26, M. Reich and R. Rasche (GFZ) conducted repeated absolute gravity measurements on the Metas point. Relative gravimeters were used to estimate vertical gravity gradients and horizontal links at several points. For long term observations, a quantum gravimeter was deployed in Niche Passwang (**Figure 1**).

## HT (Hydrogen Transfer in Opalinus Clay) experiment

- On Wednesday, November 26, J. Windisch (swisstopo) emptied the Tedlar bag attached to the BHT-1 system.

## LT (Long-Term Monitoring) experiment

- On Monday, November 24, 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.

## Mont Terri URL experiment

- On Tuesday, November 25, 40 palettes from different important drilling campaigns were delivered by the Swiss army from Hochdorf to St-Ursanne. P. Hayoz, J. Windisch and S. Schefer (swisstopo) unloaded, labeled and stored the drill cores inside the national Core Storage.

## SM-C (Permanent Nanoseismic Monitoring) experiment

- On Thursday, November 27, I. Gutierrez, E. Meier and A. Strähl (EMP) performed different noise test at different configurations on the HLS data acquisition.

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

- On Friday, November 28, J. Windisch (swisstopo) refilled the HPT of shaft 1.

## Visits

Day	Date	Group Name	Group Size	Visitors Guide
Mon	24.11.2025	EPFL, Clara Bailey	5	M. Abdelouhabi (freelance)
Tue	25.11.2025	Senioren Wandergruppe MuttENZ	24	H. Sager (Nagra)

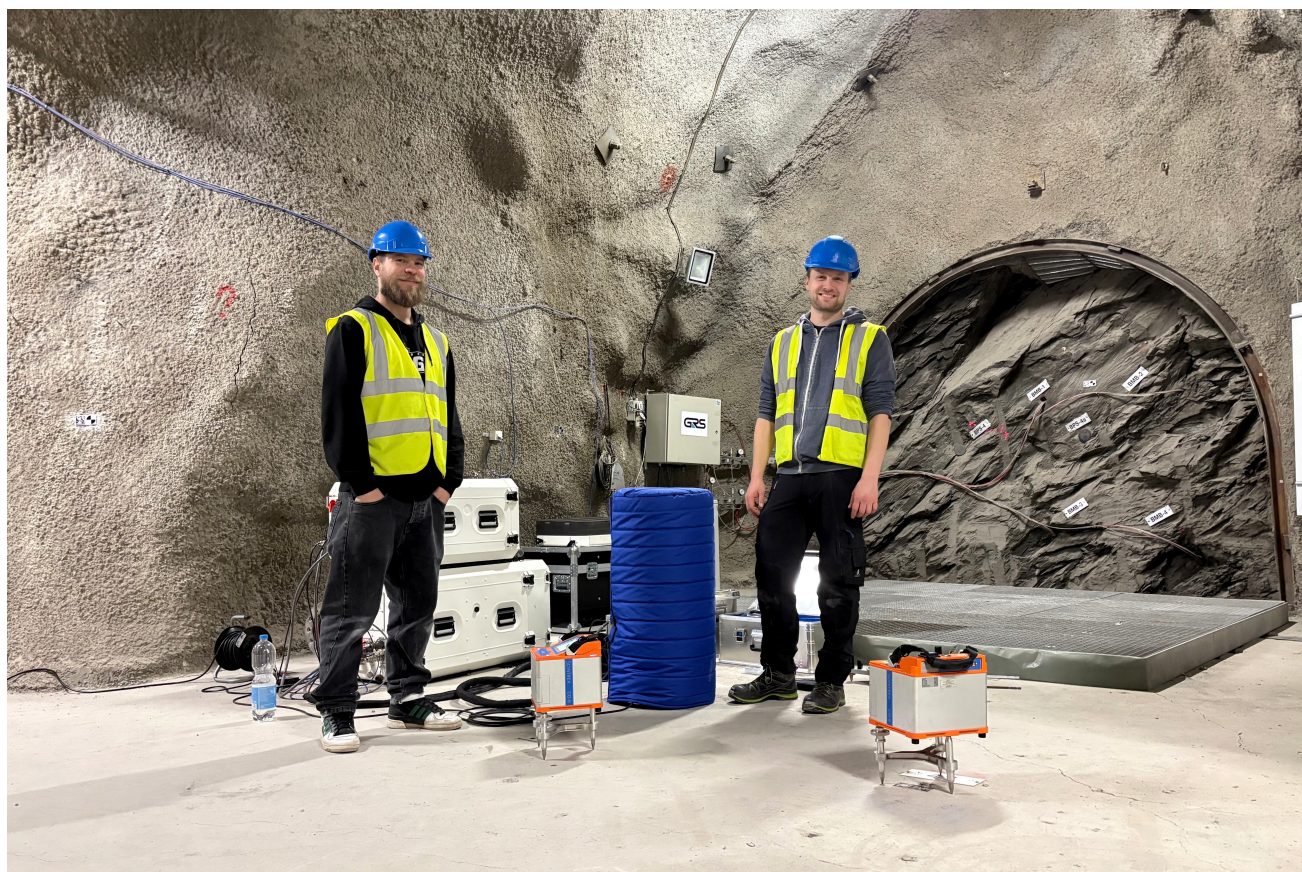


Figure 1: HS: Absolute gravity measurements on the Metas point (S. Schefer, swisstopo).