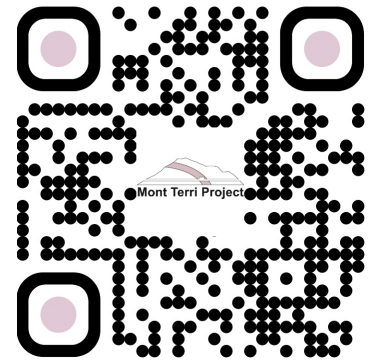


Mont Terri Project

Underground Rock Laboratory

Report period: September 21–27, 2026

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: This week, Eul GmbH and the Mont Terri team have setup the drillsite for the borehole BTE-1 of the TE experiment. BTE-1 will be established from the parking niche P2 and forms a doublet with BDS-2, both locating in the Hauprogenstein aquifer. The goal of the Thermal Energy Storage experiment (TE) in Mont Terri is to study heat transfer processes in fractured and karstified limestone and to develop methodologies for characterizing flow, heat transport, and heat storage in such systems. The experiment will provide a robust and transferable basis for the design and planning of potential heat storage projects in fractured and karstified limestone formations.

Important note

- The lab will be closed from October 5-18 for external work. Please contact Site Management for urgent matters.

CD-A (Influence of Humidity on Cyclic and Long-Term Deformations) experiment

- On Friday, September 25, Q. Bobillier and N. Philipossien (Sigeom) performed laser scans inside both Twin Niches. **(Figure 1)**

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

- On Wednesday, September 23, D. Jaeggi (swisstopo) with remote assistance of J. Gisiger (Solexperts) increased the injection pressure by 0.2 MPa to 2.4 MPa. They furthermore switched all Eh and pH sondes to monitoring mode.

DR-C (Diffusion in a Thermal Gradient) experiment

- On Friday, September 25, S. Schefer (swisstopo) took sample #13 from sampler #2 from BDR-C1 and BDR-C6 and collected water samples for pH measurements. Contamination tests showed no activities above background.

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

- On Friday, September 25, S. Schefer (swisstopo) took sample #13 from BDR-D3 (sampler #2) and collected water samples for pH measurements. Contamination tests showed no activities above background.

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

- On Wednesday, September 23, J. Windisch (swisstopo) and P. Cook (LBNL, remote) performed a short pulse test with increased injection pressure into BFS-B15 until set pressure and shut in.

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

- From Tuesday to Friday, September 22–25, M. Furche (BGR, remotely) with onsite support from S. Schefer and J. Windisch (swisstopo) performed ERT measurements in boreholes BPF-1 to BPF-6.

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

- On Tuesday, September 22, S. Schefer (swisstopo) restarted the wireless transmission system together with S. Tuñón (Amphos21, remotely).
- On Thursday, September 24, S. Schefer (swisstopo) refilled the HPT of shaft 1.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Tue	22.9.2026	Swissgrid, Public Affairs	5	R. Nicol (swisstopo)
Wed	23.9.2026	D-A-CH Geobiology Symposium EPFL	20	M. Abdelouhabi (freelance)
Wed	23.9.2026	Women In Nuclear (WIN)	18	H. Sager (Nagra) T. Guillemot (Nagra)
Wed	23.9.2026	Ecole Secondaire Trois-Sapins, Echallens	16	R. Nicol (swisstopo)
Fri	25.9.2026	RWB Group, Apprentis	18	C. Sonino (freelance)
Fri	25.9.2026	Contemporains 52 Bassecourt	12	J.-P. Meusy (freelance)

Figures



Figure 1: CD-A: Laser scanning inside the Closed Niche (S. Schefer, swisstopo)