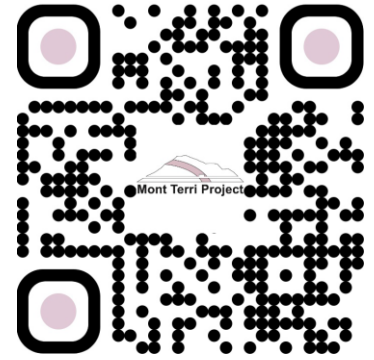


Mont Terri Project

Underground Rock Laboratory



Report period: September 28, 2026 – October 4, 2026

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: Following the Technical Meeting, several participants asked us for a printed copy of the Proceedings of the 30th anniversary of the Mont Terri Project. We have therefore had a limited number of copies of the Proceedings printed, which are now available. Anyone who has placed an order with Romain Nicol will be contacted directly by him to arrange delivery. We hope you will enjoy this document, which looks back on 30 years of research at the underground laboratory.

Important note

- As a reminder, the lab will be closed from October 5-18 for external work. An emergency standby service is organized. In case of an urgent matter with an experiment, don't hesitate to contact the site management.

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

- On Monday, September 28, D. Jaeggi (swisstopo) switched all Eh and pH sondes to bypass.
- On Wednesday, September 30, D. Jaeggi (swisstopo) switched all Eh and pH sensors to monitoring mode. He furthermore increased the CO₂ pressure in the reservoir to 18 bar.

DB-B (Deep Borehole to resolve the Mont Terri Anticline Hydrogeology) experiment

- From Thursday to Friday, October 1–2, J.-P. Bischoff and D. Story (Terratec) performed a gyro and postfrack ABI of the BDB-B1. (**Figure 1**)
- On Friday, October 2, D. Zuber (Zuber Constructions Sàrl) constructed and fitted a cover with a service hatch for the DEBORAH borehole.

DR-C (Diffusion in a Thermal Gradient) experiment

- On Monday, September 28, J. Windisch (swisstopo) measured the pH of sample #13 from BDR-C1 and BDR-C6.

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

- On Monday, September 28, J. Windisch (swisstopo) measured the pH of sample #13 from BDR-D3.

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

- On Tuesday, September 29, J. Windisch (swisstopo) performed moisture measurements in BFE-B49 and thermal conductivity measurements with the KD2 probe.

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

- On Wednesday, September 30, 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.

GT (Gas Transport Models and the Behavior of OPA to Gas Pressure) experiment

- On Monday, September 28, J. Windisch (swisstopo) restarted the miniRuedi computer.

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

- On Thursday, October 1, J. Windisch (swisstopo) refilled the HPT of shaft 1.

TE (Aquifer Thermal Energy Storage in Fractured Limestone) experiment

- From Monday to Thursday, September 28 to October 1, A. Eul and A. Stoppeich (Eul GmbH) drilled BTE-1 to the depth of 10.65 m. This first section of the borehole was filled with cement due to cracks and water ingress. After the holidays, the entire borehole will be re-drilled, a casing installed and the annulus cemented. (**Figure 2**)
- On Wednesday, September 30, M. Ziegler and J. Windisch (swisstopo) conducted borehole optical logging of the first 10.6 m of BTE-01. (**Figure 3**)

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Tue	29.9.2026	Kantonsschule Uetikon Am See	23	C. Sonino (freelance) N. Näf (freelance)
Wed	30.9.2026	Club Helvétique	12	D. Jaeggi (swisstopo)
Thu	1.10.2026	ROBO Workshop	15	M. Kollmann (Nagra) / R. Meier (Nagra)
Fri	2.10.2026	OFROU, Révision Interne (IR)	6	R. Nicol (swisstopo)
Fri	2.10.2026	Nukleartechnikerschule	15	H. Hänggi (Nukleartechnikerschule) R. Nicol (swisstopo)

Figures



Figure 1: DB-B: Logging out of the minivan. (J. Windisch, swisstopo)



Figure 2: TE: The first cores freshly out of BTE-1. (J. Windisch, swisstopo)



Figure 3: TE: Operating the OBI-Wan Kenobi. (J. Windisch, swisstopo)