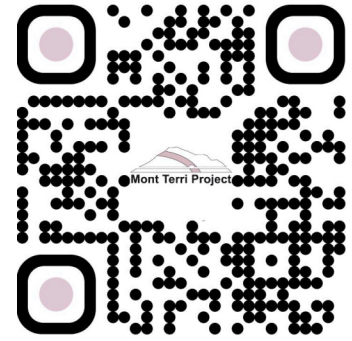


Mont Terri Project

Underground Rock Laboratory

Report period: May 25–31, 2026

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: Deborah: the last section of Deborah (BDB-B1) will be drilled starting next week. We start with NQ diameter at 774 m and will drill down to the base of the Schinzach Formation (ca. 850 m). In the picture you can see the cement cores from the last meters above the casing shoe and the drill bit that will be used for the remaining 80 m inside the Schinzach Formation (Fig. S. Schefer, swisstopo).

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

- On Tuesday, May 26, S. Schefer (swisstopo) restarted the five circulation pumps and the passive seismic acquisition system.
- On Wednesday, May 27, D. Jaeggi (swisstopo) set all Eh and pH sondes to monitoring mode

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

- From Tuesday to Thursday, May 26–28, the Stump team reamed the HQ casing from 620–768 m and cored the remaining 7 m of cement inside the core barrel. They drilled through the HQ drill bit and 2 m into the Schinznach Formation. (Figure 1)
- On Tuesday, May 26, M. Frädrieh (Terratec) performed cement bond logging of the newly installed casing from 627 m to top. The lowermost 150 m could not be logged because of the cement on the inside wall of the casing.
- On Friday, May 29, the Stump team pulled the NQ drill stem. On Monday another CBL will be done.

DR-E (Long-Term Diffusion Experiment in the Main Fault-Zone) experiment

- On Thursday, May 28, R. Wüst (Nagra) and M. Kiczka (Uni Bern) took samples #19 from BDR-D1 and BDR-E2 and did pH measurements. (Figure 2)

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

- On Thursday, May 28, S. Schefer (swisstopo) restarted the TDR computer.

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

- On Tuesday, May 26, S. Schefer (swisstopo) checked the injection pump that was turned off after the power outage.

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

- On Friday, May 29, J. Windisch (swisstopo) refilled the HPT from shaft 1.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Wed	27.5.2026	Polizei Basel-Landschaft	14	H. Hauser (freelance) Jonas Windisch (swisstopo)
Fri	29.5.2026	SLB	6	H. Sager (Nagra)
Sat	30.5.2026	CMC Classic-Motors Club	14	G. Brusatin (freelance)

Figures



Figure 1: DB-B: Transition from cement to Schinznach Formation (S. Schefer, swisstopo)



Figure 2: DR-E: Sampling is a joyful work! (S. Schefer, swisstopo)