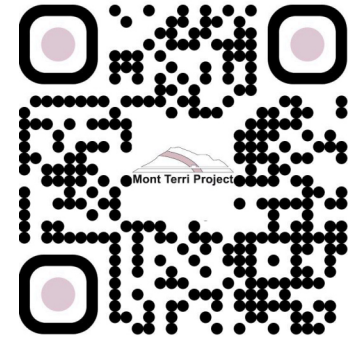


Mont Terri Project

Underground Rock Laboratory



Report period: June 8–14, 2026

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: DEBORAH: On Thursday, June 11, we reached our final depth of 848.5 m! This marks the successful end of a long drilling and sampling operation. We started in February and continued drilling, sampling and testing without interruption or big incidents until we drilled several meters below the Schinznach Formation (our target depth) into the Zeglingen Formation. This last section remains open hole and we'll perform logging and hydro testing during the next week. This huge project led by M. Kühn (GFZ) couldn't have been realized without all the valuable help from the partners involved (GFZ, BGR, NWS and swisstopo), the staff from Stump BTE and all the colleagues supporting the sampling teams - a huge thank you for all your effort! 🙌 The picture was taken right after reaching the final depth (Fig. I. Semenov, swisstopo).

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

- On Monday, June 8, D. Jaeggi (swisstopo) switched all Eh and pH sondes to bypass.
- On Thursday, June 11, J. Gisiger and D. Farsky (Solexperts) performed maintenance on the injection pump and assessed the behaviour during power cuts.

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

- From Monday to Thursday, June 8–11, the Stump team installed the NQ rods and drilled BDB-B1 to its final depth of 848.5 m into the Zeglingen Formation.
- From Thursday to Friday, June 11–12, the Stump team pulled the rods for the logging of the open hole section. While pulling the rods, the string broke and they had to fish the last piece, but the hole was freed for next week's logging and testing campaigns. (Figure 1)

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

- On Wednesday, June 10, J. Gisiger and D. Farsky (Solexperts) replaced the damaged data acquisition of the O₂-sensors with a SBI-D with time relays. However, no connection to the remaining sensors could be established.
- On Wednesday, June 10, S. Schefer and N. Rentsch (swisstopo) with remote assistance from S. Tuñon (Amphos21) replaced the PLC for the heating system.

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

- On Wednesday, June 10, J. Gisiger and D. Farsky (Solexperts) replaced the remaining helium in interval GT-B02-INT02 of the previous injection phase with Pearson water. Also the constant head injection was stopped after the gas/water exchange.

HT (Hydrogen Transfer in Opalinus Clay) experiment

- On Tuesday, June 9, J. Windisch (swisstopo) emptied the Tedlar bag attached to the BHT-1 system.

SI-C (Seismic Imaging of the Mont Terri Anticline) experiment

- From Monday to Friday, June 8–12, R. Boos and S. Zejeri (VSH) drilled 48 of the total 66 SI-C boreholes in the Security Gallery. An anchor was fixed with resin in each of these 2 meter deep boreholes to place the geo phones during the measurement. (Figure 2)

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

- On Friday, June 12, J. Windisch (swisstopo) refilled the HPT from shaft 1.

Varia

- From Tuesday to Wednesday, June 9–10, 40 palettes from different important drilling campaigns (Cargo Souterrain) were delivered by the Swiss army from Hochdorf to St-Ursanne. N. Rentsch, J. Windisch and S. Schefer (swisstopo) unloaded, labeled and stored the drill cores inside the National Core Storage.
- On Tuesday, June 9, S. Schefer (swisstopo) tested the smoke curtains successfully.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Tue	9.6.2026	Collège De La Florence, Genève	21	R. Nicol (swisstopo)
Fri	12.6.2026	Groupe Olivier Maire	12	J.P. Meusy (freelance)
Sat	13.6.2026	Groupe Eva Colomb	18	R. Nicol (swisstopo)

Figures



Figure 1: DB-B: The fishing tools are ready (J. Windisch, swisstopo)



Figure 2: SI-C: Drilling for the seismic campaign started next to Deborah (S. Schefer, swisstopo)