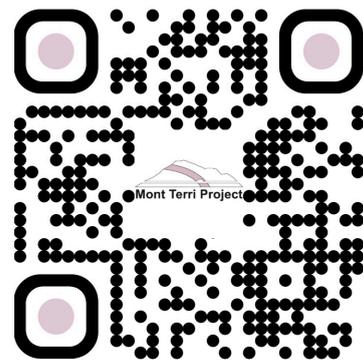


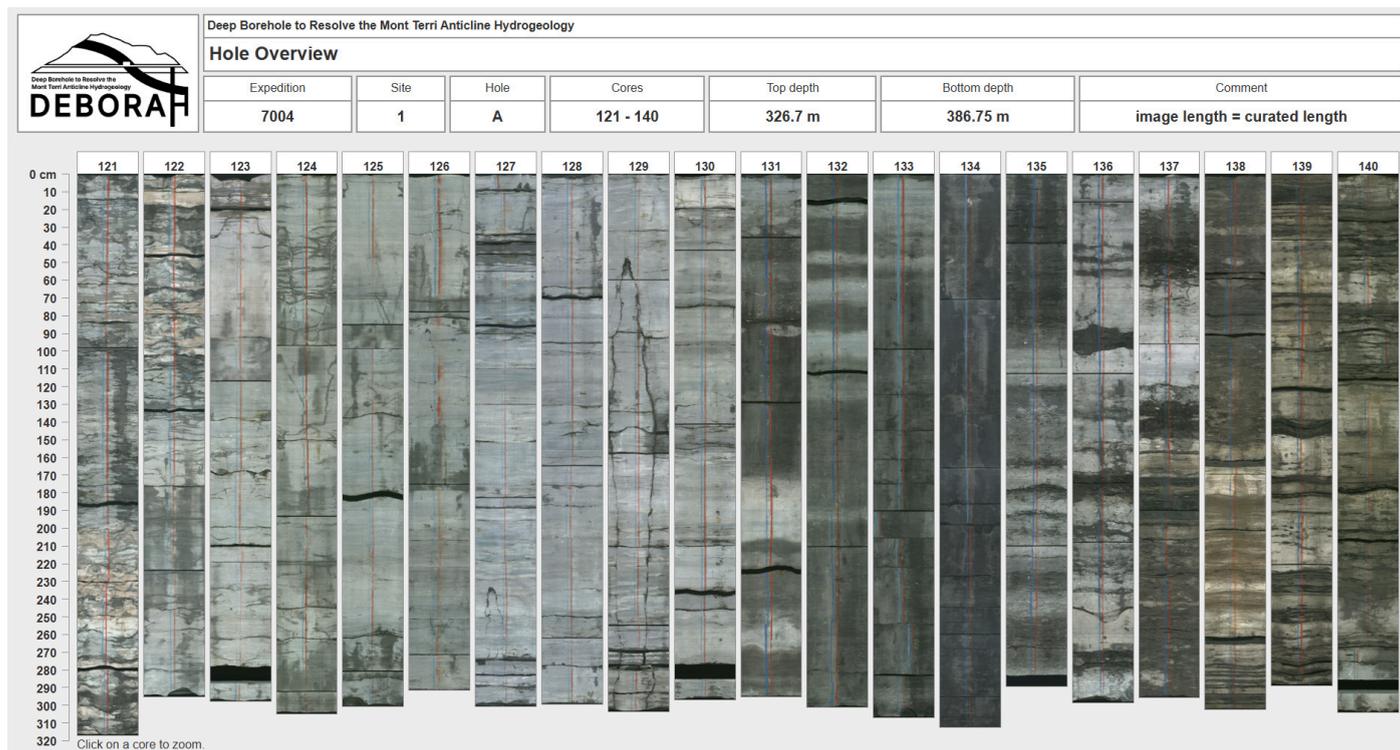
Mont Terri Project

Underground Rock Laboratory



Report period: March 16–22, 2026

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: Documentation of Deborah: To document activities at the drill site, we use a tool called mDIS. This database, developed by GFZ German Research Centre for Geosciences, is designed for a wide range of scientific drilling applications. mDIS enables to record drilling parameters, core lithology, sample positions and purposes, and much more. It can be adapted and customized for each individual project, making it a powerful tool for scientists and other stakeholders. Accessible through a web browser, mDIS allows users to quickly gain an overview of drilling progress and core quality, or to explore detailed information about individual samples (Website: <https://www.gfz.de/en/section/geomechanics-and-scientific-drilling/infrastructure/mdis-mobile-drilling-information-system>).

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

- On Wednesday, March 18, C. Etter, J. Sanglard and N. Rentsch (swisstopo) measured the lengths and the apertures of cracks in both Twin Niches to understand the cyclic deformation and possible deterioration of gallery walls.

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

- On Monday, March 16, D. Jaeggi (swisstopo) switched all oh and Eh sensors to monitoring mode.

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

- From Monday to Friday, March 16–20, the Stump team drilled BDB-B1 down to 407.75 m, just approximately 20 m above the Opalinus Clay. After pulling out the rods, we are ready for some days of logging and testing.
- From Friday to Saturday, March 20–21, J-P. Bischof and L. Gerharz (Terratec) performed ABI, CAL (54-405 m) and NMR (53-161 m) logs inside BDB-B1.
- On Saturday, March 21, M. Groh, J. Kück, M. Töpfer and S. Pierdominici (OSG GFZ) performed logging inside BDB-B1 from 53-161 m. They measured mud parameters (T, P, RES), Spectral Gamma Ray, Dual Latero Log, Full-Wave Sonic, DIP and Micro Resistivity Imager.

LT (Long-Term Monitoring) experiment

- On Wednesday, March 18, 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

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

- On Thursday, March 19, J. Windisch (swisstopo) refilled the HPT of shaft 1.
- On Friday, March 20, J. Windisch and S. Schefer (swisstopo) refilled the HPT of shaft 2.

Varia

- On Thursday, March 19, the kick-off meeting for the Mont Terri experiment information system MONTEIS took place in St-Ursanne. The contractor Puzzle ITC and the Mont Terri team plan to establish a minimum viable product until end of March 2027.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Mon	16.3.2026	Le Mans Université	16	R. Nicol (swisstopo)
Wed	18.3.2026	Efficiency-Club, Bern	19	H. Hauser (freelance)
Wed	18.3.2026	RTS, Radio Télévision Suisse, Mise Au Point	3	C. Nussbaum (swisstopo)