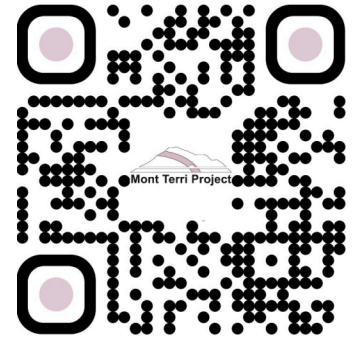


Mont Terri Project Underground Rock Laboratory



Report period: August 18–24, 2025

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: Coolpie (CL) experiment: During the summer break, C. Marion (Eawag) presented first results on gas monitoring and injection technics at the Goldschmidt conference in Prague. She also presented the aim of the experiment and talked about the importance of collaboration between the different research groups for such a big experiment. We are very happy to have young scientists spread the word about the research and the philosophy of the Mont Terri project.

BN (Bitumen-Nitrate-Clay Interaction) experiment

- On Tuesday, August 19, S. Schefer (swisstopo) removed sample container #4 from interval 1 and stored it in the fridge.

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

- On Wednesday, August 20, J. Gisiger and A. Jakupi (Solexperts) continued commissioning of the experiment cabinets.
- On Thursday, August 21, M. Ziegler (swisstopo) restarted the GmuG DAS after a malfunction on Monday, August 18th.

IS-E (In-situ stress measurements using a novel flat jack method) experiment

- On Monday, August 18, S. Schefer (swisstopo) marked the drilling location and orientation for BIS-E3. It has a dip of 320/57 in Niche DR-A.
- From Monday to Thursday, August 18–21, A. Eul, S. Braunschweig and K. Görgülü (Eul GmbH) installed the rig in Niche DR-A and drilled BIS-E3 (250 mm) to its final depth of 4.8 m. They retrieved several samples of 230 mm diameter that were cut to 210 mm by A. Eul, S. Schefer and D. Jaeggi (swisstopo) and sealed for transport (**Figure 1**).
- On Wednesday, August 20, D. Jaeggi, S. Schefer (swisstopo) and A. Eul (Eul GmbH) performed a sampling campaign for the mechanical lab of TotalEnergies. 5 samples of 230 mm diameter and 210 mm length were cut in the Atelier and prepared for shipping.
- On Thursday, August 21, S. Schefer (swisstopo) prepared the drill site for BIS-E1 and -E2 close to the ventilation cavern. BKW installed the electrical supply and S. Braunschweig (Eul GmbH) installed a hook above the position of BIS-E2 (**Figure 2**).

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

- On Thursday, August 21, S. Schefer (swisstopo) refilled the HPT of shaft 1.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Tue	19.8.2025	Universität Mainz, EAWAG, And KIT	19	M. Ziegler (swisstopo)
Thu	21.8.2025	Field Course Universität Bern, M. Herwegh	13	D. Jaeggi (swisstopo)

Figures

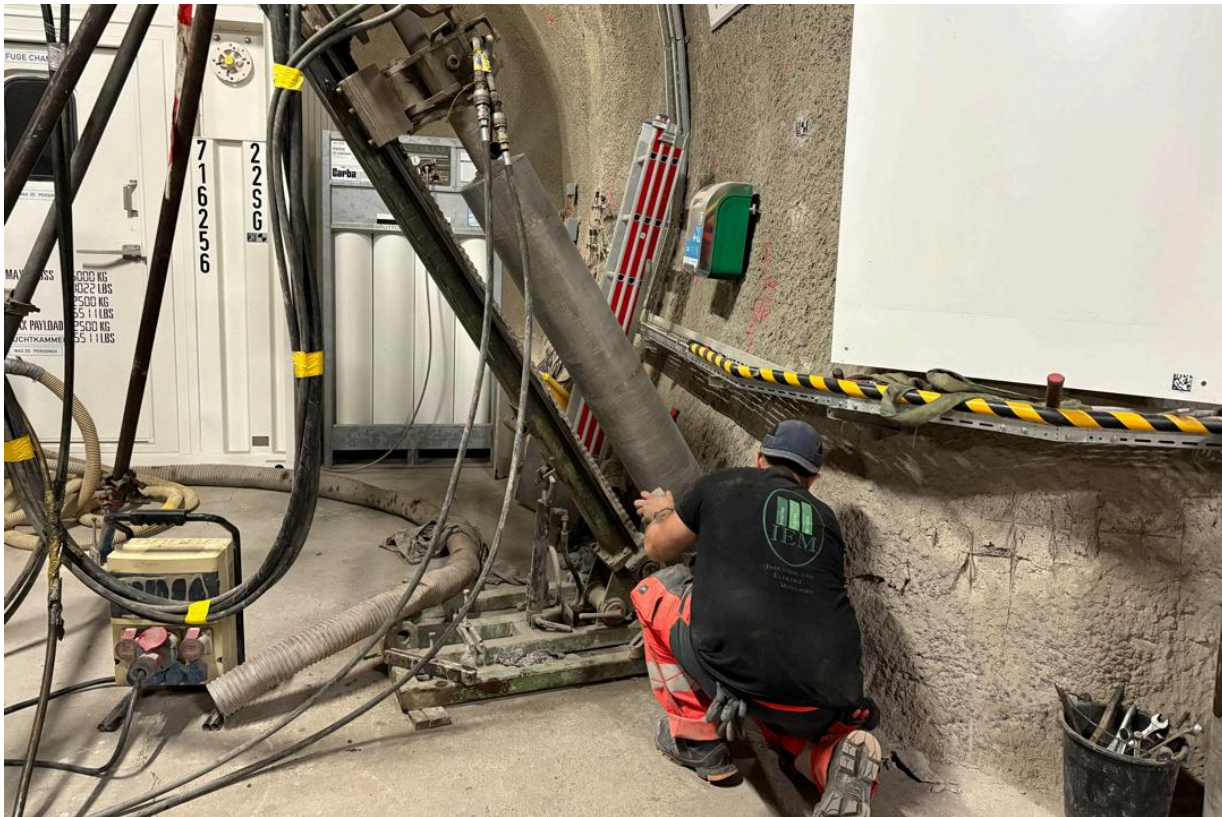


Figure 1: IS-E: Retrieving of one of the big cores from BIS-E3 (S. Schefer, swisstopo).



Figure 2: IS-E: Drill site close to ventilation cavern (S. Schefer, swisstopo).