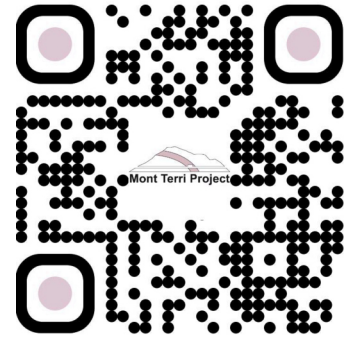


Mont Terri Project Underground Rock Laboratory



Report period: May 5–11, 2025

Assembled and edited by swisstopo, St-Ursanne

Important note

- On Tuesday and Wednesday 13/14 May, the community of the Mont Terri project will gather at the Technical Meeting (TM42) in Porrentruy and St-Ursanne. We are looking forward to seeing you all, presenting results from our research and discussing the next phase of our project.

BN (Bitumen-Nitrate-Clay Interaction) experiment

- On Thursday, May 8, T. Theurillat (swisstopo) took sample #5 from interval 1 and stored it in the fridge.

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

- On Friday, May 9, T. Theurillat (swisstopo) replaced the nitrogen bottle for the active seismic measurement between GT-1 and GT-2.

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

- From Monday to Friday, May 5–9, A. Eul, S. Braunschweig and F. Durulan (Eul GmbH) continued drilling of BFS-B16. They reached a depth of 72.3 m by Friday. The final depth of 78 m will be reached on Monday.

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

- On Tuesday, May 6, J. Gisiger (Solexperts) re-installed the injection cabinet.

HT (Hydrogen Transfer in Opalinus Clay) experiment

- On Wednesday, May 7, T. Theurillat (swisstopo) started the laser for the Raman analysis.

SM-C (Permanent Nanoseismic Monitoring) experiment

- On Tuesday, May 6, S. Schefer (swisstopo) switched the ports of the two HLS measuring devices.
- On Thursday, May 8, S. Schefer (swisstopo) switched the channels for the HLS acquisition due to strange data on one channel.

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

- On Friday, May 9, T. Theurillat (swisstopo) refilled the HPT of shaft 1.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Wed	7.5.2025	EIT.Jura	20	J.-P. Meusy (freelance)
Thu	8.5.2025	Freies Gymnasium Bern	13	R. Nicol (swisstopo)
Fri	9.5.2025	Magma AG	15	R. Nicol (swisstopo)
Fri	9.5.2025	Ackermann + Wernli AG	51	H. Hauser (freelance) H. Sager (Nagra) R. Nicol (swisstopo)
Sat	10.5.2025	Uni Freiburg/Breisgau	15	M. Rahn (ENSI)