



Mont Terri Project

Underground Rock Laboratory

ANDRA BASE BGE BGR CHEVRON CRIEPI DOE ENRESA ENSI ETH FANC GRS HELMHOLTZ IRSN JAEA NAGRA NWMO OBAYASHI RWM SCK•CEN SWISSTOPO TOTAL

Mont Terri Rock Laboratory

Field report: October 25–31, 2021 (Phase 27)

HS (Hydrogeological Survey of the Mont Terri Anticline) experiment

- From Monday to Friday, S. Gremlich (swisstopo) prepared samples from BHS-1 at the University of Bern under the supervision of Lukas Aschwanden (UniBe) and D. Jaeggi (swisstopo). These samples will be analysed for density parameters, water content and porosity.

HT (Hydrogen Transfer in Opalinus Clay) experiment

- On every Monday, Wednesday and Friday, T. Theurillat (swisstopo) took water samples from the newly installed port.

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

- On Monday, F. Königer (ISU) and S. Schefer (swisstopo) switched positions of three sensors inside the Glötzi MUX for shaft 1 (BSW-A1).
- F. Königer also reset the digitizer of the Taupe sensors and performed some maintenance work on the data acquisition system (**Figure 1**).

Varia

- During the entire week, T. Theurillat (swisstopo) together with G. Joliat and F. Comment (Joliat sàrl) finished the installation of the partner posters, removed the cores from various drilling operations and prepared the laboratory for the anniversary (**Figure 2**).
- Next Thursday, November 4, the celebration for the 25th anniversary of the rock laboratory will take place. We are honoured to receive Federal Councillor V. Amherd and celebrate with the partner organisations and the cantonal authorities. This event is on invitation only, and we apologize for not being able to invite all of you due to Covid-19 restrictions. We will celebrate all together at the scientific symposium on January 25, 2022 in Porrentruy.

Visits

Tue	26.10.2021	OFPP, groupe NBC	6	S. Schefer
Wed	27.10.2021	OFROU / ASTRA	13	R. Nicol
Thu	28.10.2021	Pensionskasse PUBLICA	75	H. Hauser, C. Boner, R. Nicol
Sat	30.10.2021	Amicale sapeurs pompiers, Travers (NE)	11	T. Theurillat



Figure 1: SW-A: F. Königer is checking the connection of the Taupe sensors (Photo: S. Schefer, swisstopo).



Figure 2: Varia: The new partner posters are ready for the festivities next Thursday! (Photo: S. Schefer, swisstopo).