

Update drilling campaign: EMR

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Update activities 2024-april 2025

- 2024 : 11 boreholes → Henri Chapelle redrill
- 10 boreholes in situ stress tests / hydro tests / logging
- feb-apr25: active seismic >100km profiles
- Walk away seismic at 5 boreholes optical fiber (DAS)
- 2 Deep ERT profiles Henri Chapelle-Obsinnich
- groundwater monitoring 7 wells (also Plank well)
- passive seismic campaigns
- field studies outcrops, quarries analogy

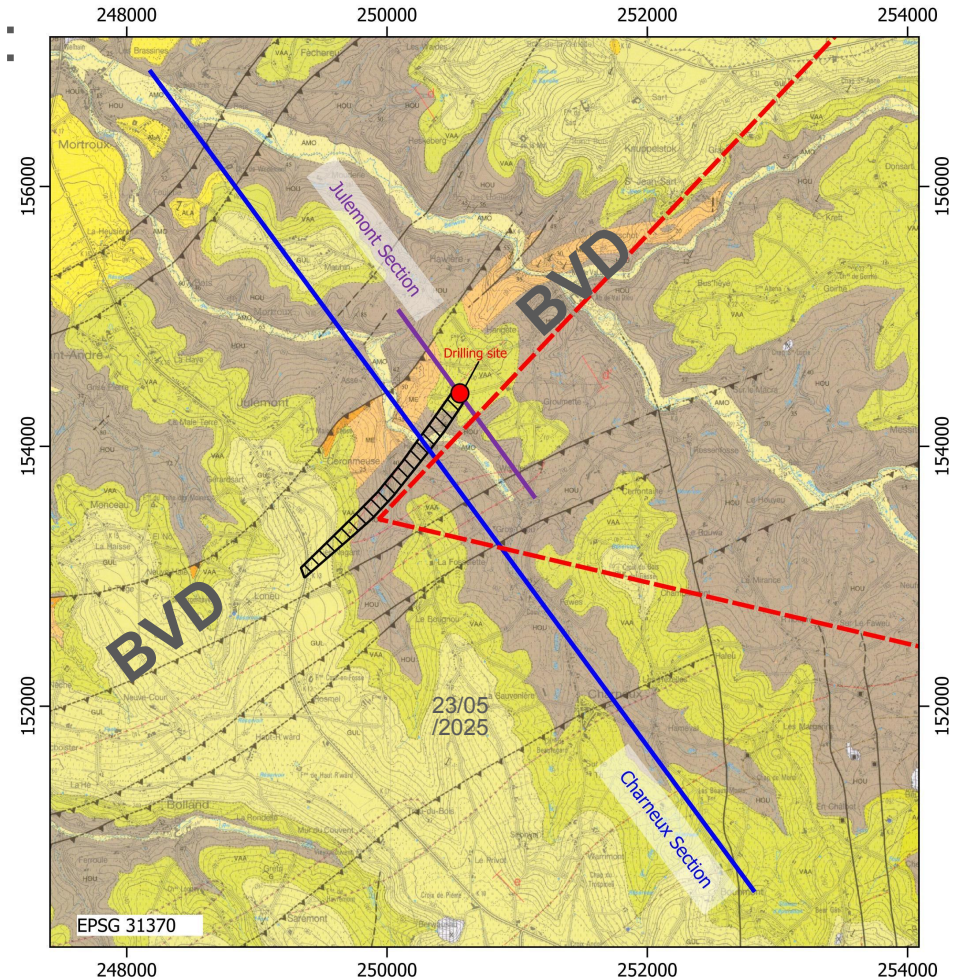
Some preliminary findings

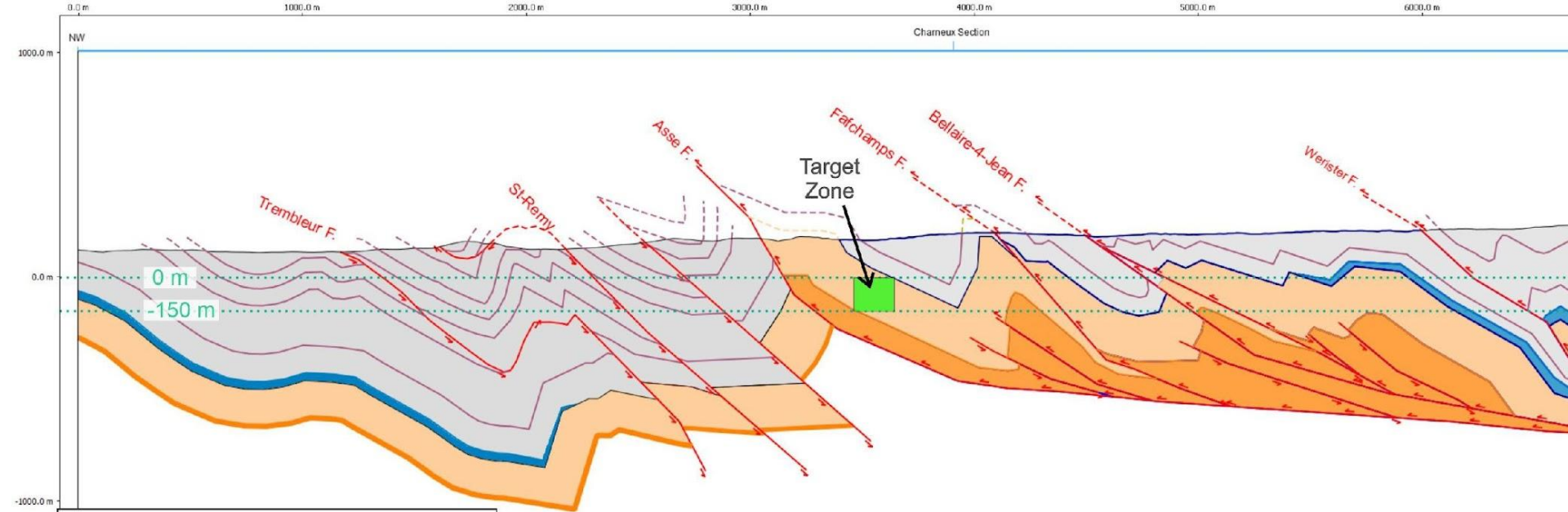
*After discussion with the geologists and retired geologists that worked in the area.
Processing active seismic still in progress.*

- Booze Val Dieu (BVD) ridge exists
- BVD exist between Blègny to Cottessen above +100m sea level
- BVD is an overthrust zone, not a block
- BVD Thickness Famennian rock > 200m
- BVD generally best rock below ~ - 20 m sea level
- Herbesthal Devonian rock same age shows locally different facies, facies are similar to the Famenne region
- Henri-Chapelle overthrust, Devonian sandstone on top of Dinantian (micro fossils are currently checked whether it is Dinantian)
- Dinantian rock contains paleokarst but not everywhere

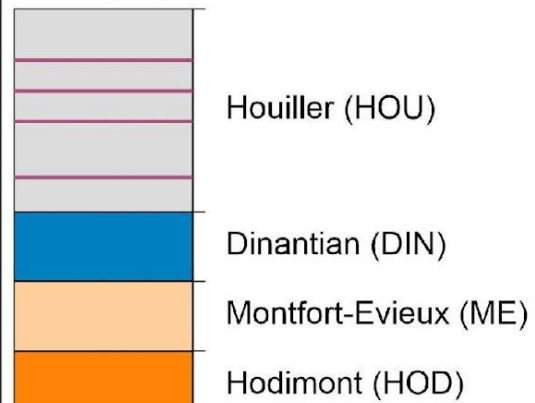
Asse area prediction based on:

- outcrop studies
- boreholes e.g. Aubel / Voeren



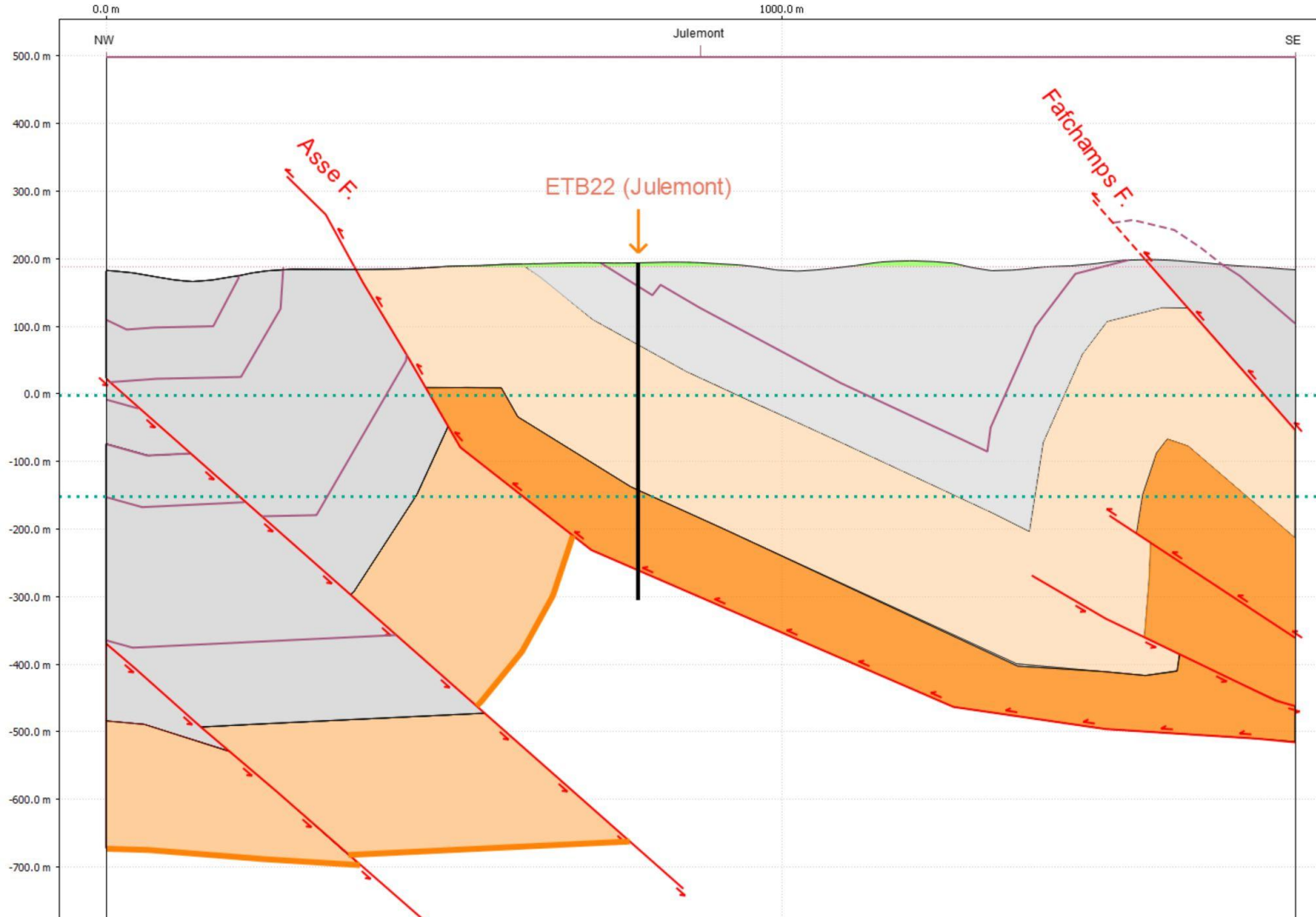


Stratigraphy



Target unit Famennian

This arrow points to the Montfort-Evieux (ME) unit in the stratigraphic column, which is identified as the 'Target unit Famennian'.

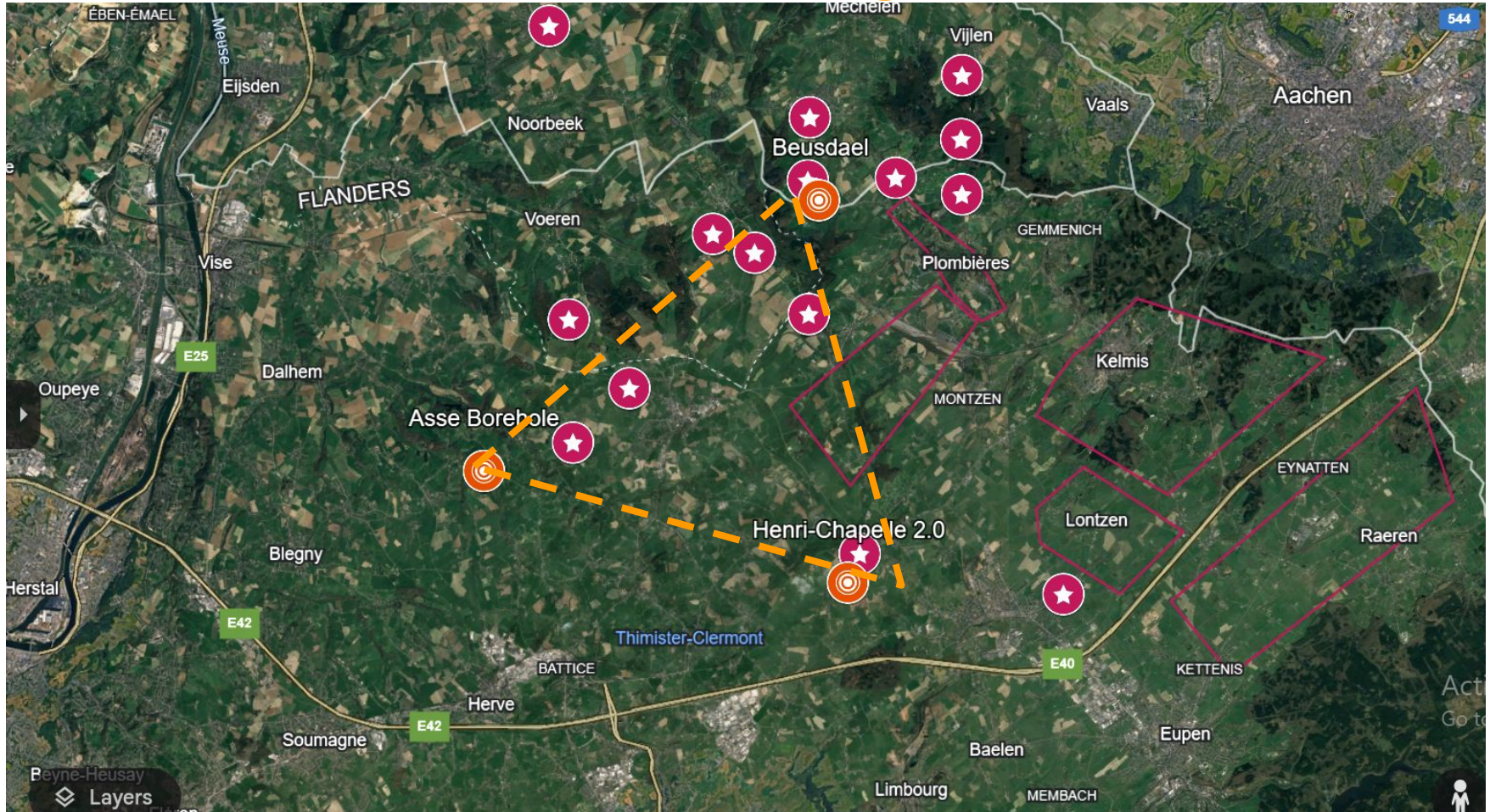


Further surveys

Converging towards a triangle with 2 corner points in BVD
Depth borehole should reach -150 m below sea level

- Beusdael (320 m) starts 2 June, full logging + seismometer
- Asse (350 m) starts mid June, full logging + seismometer
- Henri-Chapelle 2.0 (450 m) currently redone, seismometer
- Vijlenerbos currently 379m, add extra drill depth + tests
- Hydro-test double borehole, location to be determined
- Other borehole depending findings Beusdael / Asse
- Deep ERT Asse - Charneux area (July)

Done and Upcoming Boreholes



Thank you for attending

Any Questions?