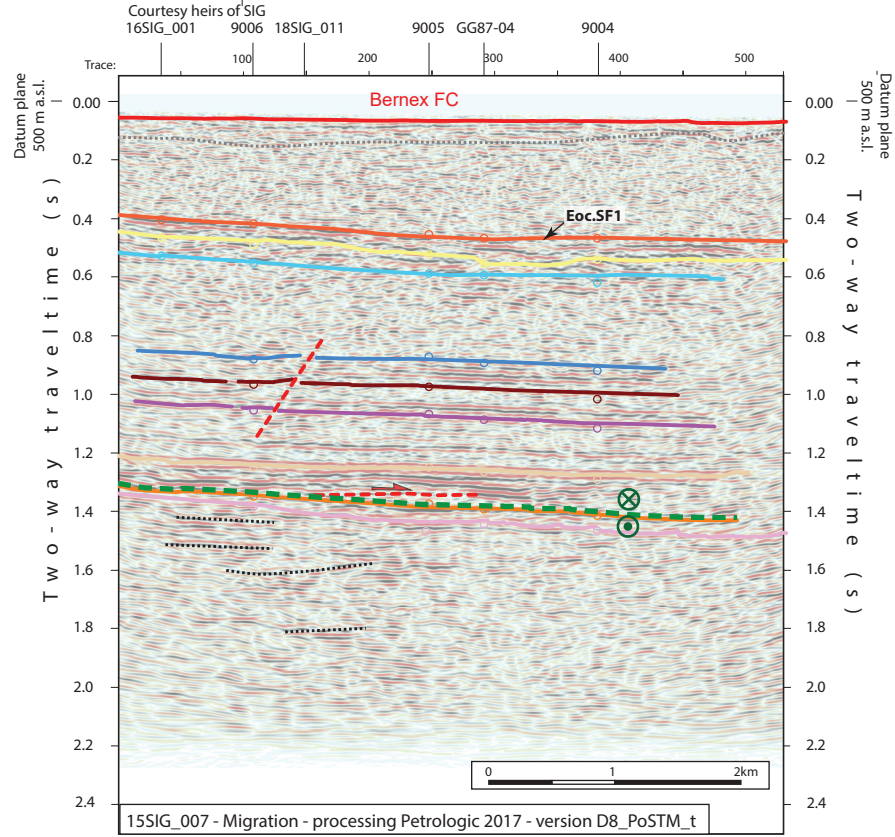
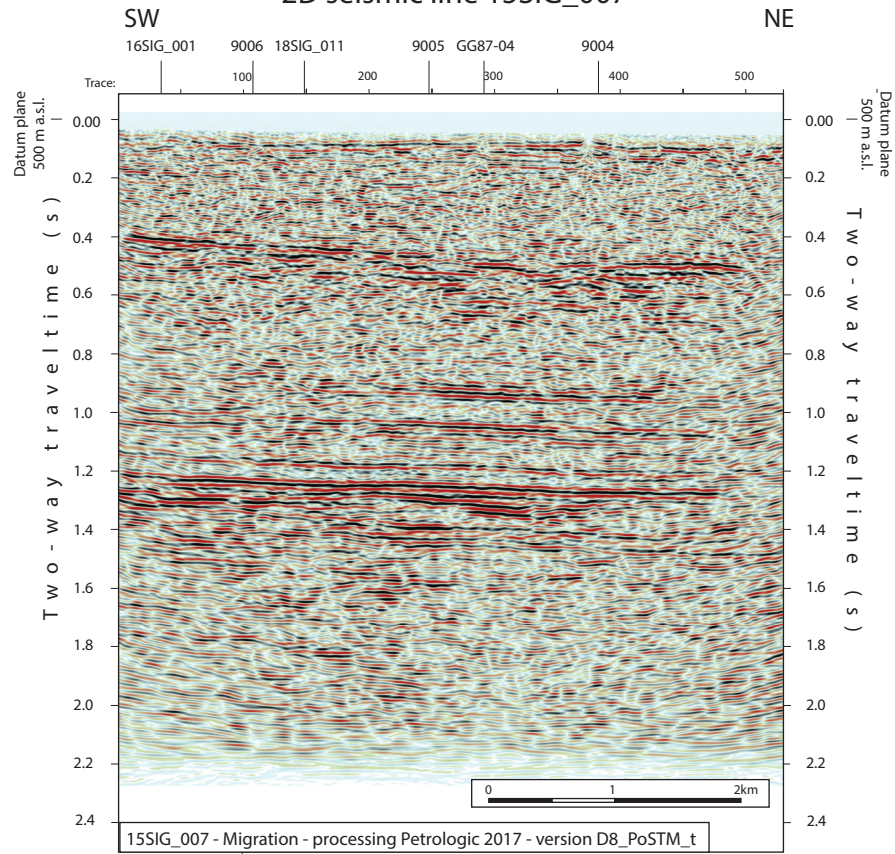


2D seismic line 15SIG_007



Folds in detached Mesozoic and Cenozoic sedimentary cover

- Anticline visible on surface and on seismic data (blue -> only in Cenozoic cover)
- Syncline visible on surface and on seismic data (blue -> only in Cenozoic cover)
- Anticline visible only on seismic data (blue -> only in Cenozoic cover)
- Syncline visible only seismic data (blue -> only in Cenozoic cover)

Fold Names

- 18 Humilly Anticline
- 23 Chouilly Anticline
- 24 Bernex Syncline
- 33 Vernier Anticline

Main Faults at nBCen (near Base Cenozoic)

- Reverse fault
- Strike-slip fault
- Normal fault
- Fault corridor

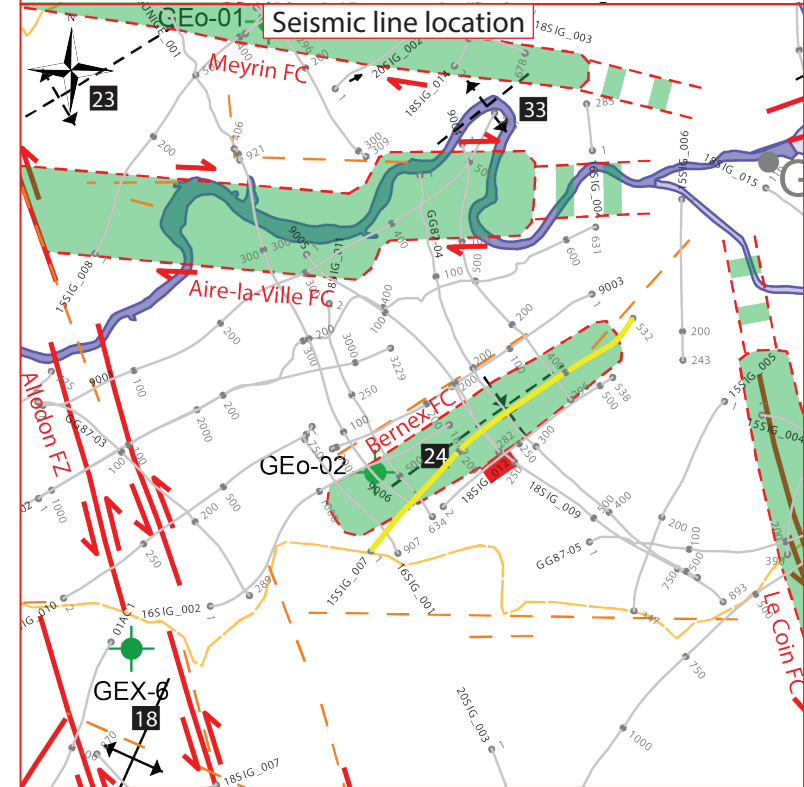
Other features

- Seismic lines with trace numbers
- Interpreted seismic lines (left)
- Geomorphologic lineaments
- Wells
- Frontier CH-FR

Areas

- Molasse Basin (Quaternary or Molasse outcrops)
- Mesozoic outcrops
- Cretaceous outcrops at the boundary between the Molasse Basin and the Jura fold and Thrust Belt

0 km 2



Structural Interpretation

- Correlated fault stick (with intersection cross with other surveys)
- Non-correlated fault stick
- Conceptual fault stick
- Basal décollement zone
- Fault corridor boundary
- Major dip change line
- Fold axial surface

- Displacement vector pointing towards the observer
 - Displacement vector pointing away from the observer
 - Displacement vector during Cenozoic
 - Displacement vector during Jurassic
- Stratigraphic Interpretation**
- Horizon well defined
 - Horizon poorly defined / intra Paleozoic reflections / near Base Quaternary model (GESDEC)
 - Horizons TWT at line intersections
 - Projected perpendicular to the seismic line

- Well abbreviation (Map and section)**
- GEO-01 GEO-01
 - GEO-02 GEO-02
 - Gex CD-06 GEX-6
- Seismic facies (SF) (see chap 4.2.)**
- Unit.SFx (seismic facies name)
 - Geometrical bedform and termination pattern

- Other abbreviations**
- Trace
 - FZ Seismic trace
 - FC Fault zone
 - TWT Fault corridor
 - proj. Two way travelttime
 - s. Projected
 - nT Seconds
 - nB near Top
 - nC near Base
 - Q Quaternary
 - Cen Cenozoic
 - UMa Upper Malm
 - LMa Lower Malm
 - Do Dogger
 - Li Lias
 - Keu Keuper
 - Mus Muschelkalk
 - Mes Mesozoic
 - InPal Intra Paleozoic

- Legend**
- Tectonic domains
 - Molasse Basin
 - Subalpine Molasse
 - Internal Jura *
 - External Jura
 - Penninic nappes
 - Ultrahelvetic nappes
 - * plus the Salève, Gros Foug and Vuache structures in the Molasse Basin
 - Other features
 - Border
 - Seismic Lines
 - Thrust
 - Alpine Thrust

