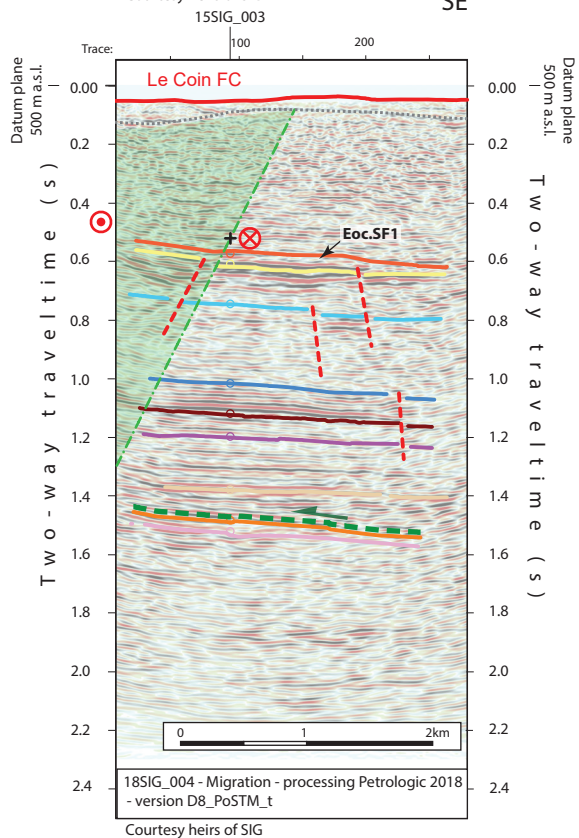
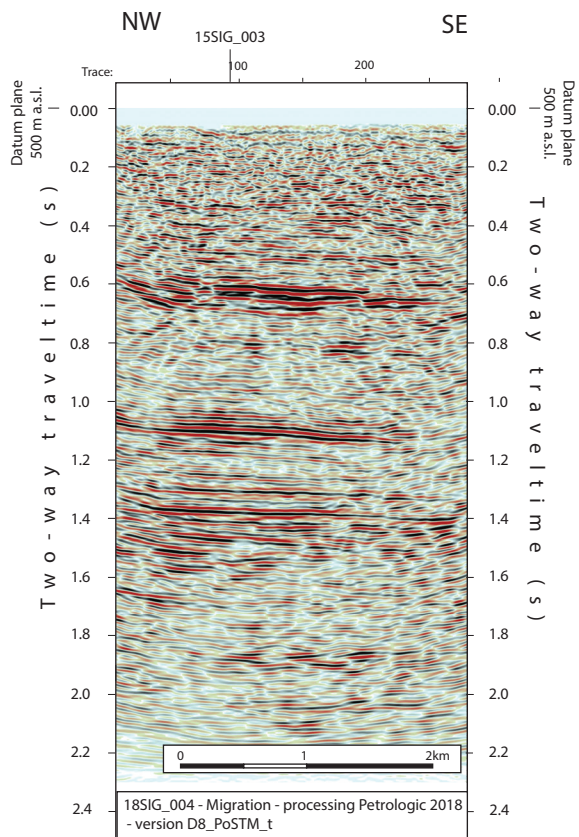


### 2D seismic line 15SIG\_004



**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**

- 24 Bernex Syncline
- 35 Thônex Syncline

**Main Faults at nBCen (near Base Cenozoic)**

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

**Other features**

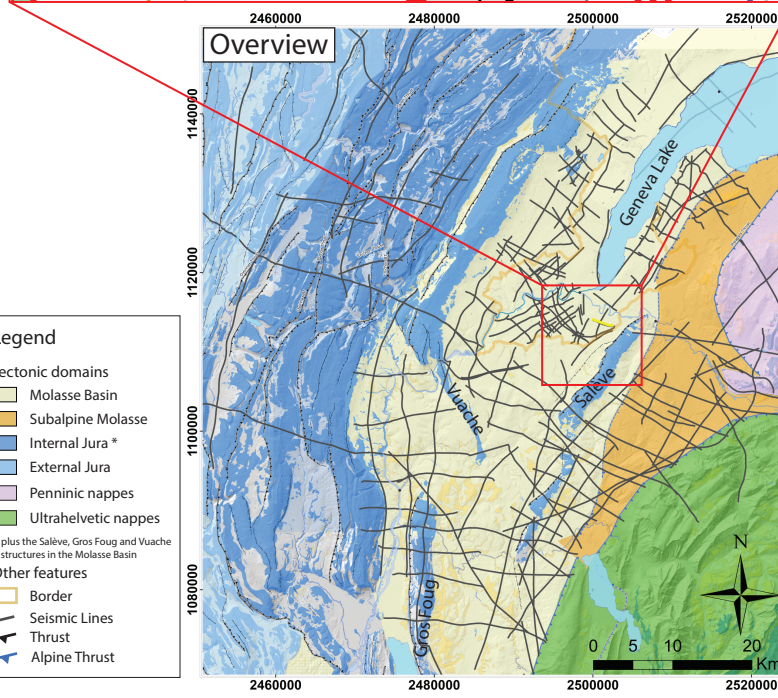
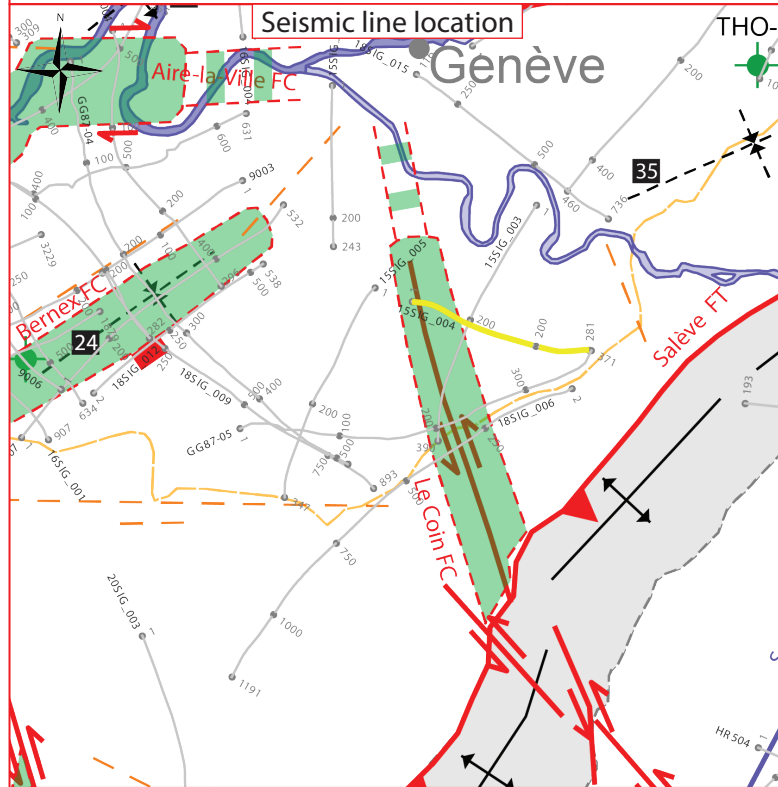
- Seismic lines with trace numbers
- Interpreted seismic lines (left)
- Geomorphologic lineaments
- Wells
- Frontier CH-FR

**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

**Legend**

- FT: Frontal Thrust
- FBT: Frontal Back Thrust
- FZ: Fault Zone
- FC: Fault Corridor



#### 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)

- Thônex-1 THO-1
- 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
- Q near Base
- Cen Quaternary
- UMa Cenozoic
- LMa Upper Malm
- Do Lower Malm
- Li Dogger
- Keu Lias
- Mus Keuper
- Mes Muschelkalk
- InPal Mesozoic
- Intra Paleozoic