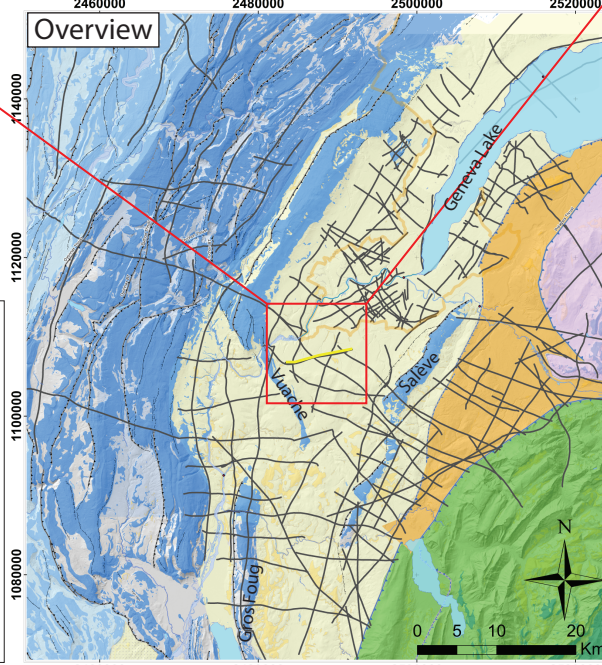
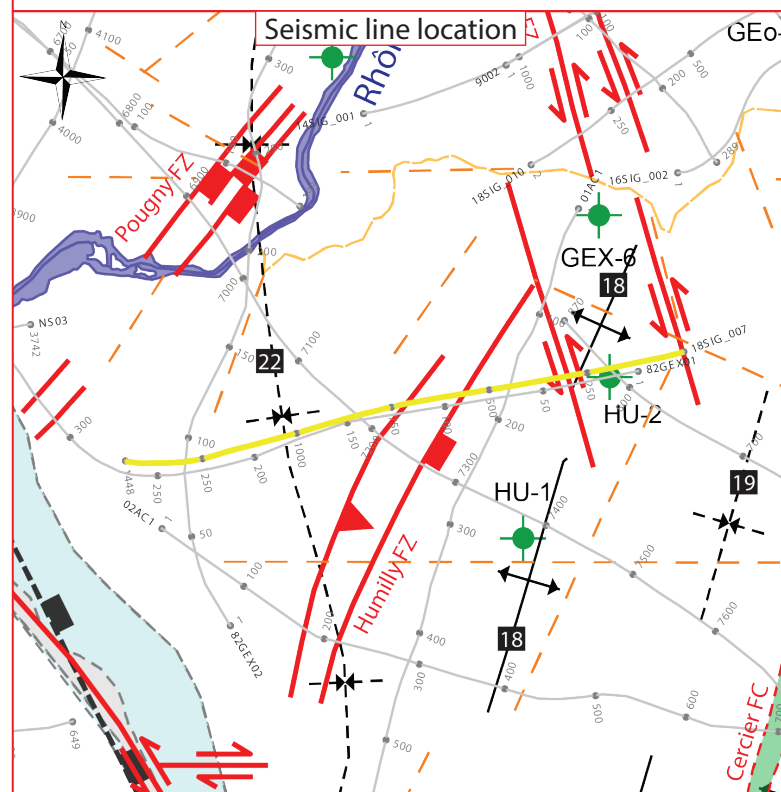
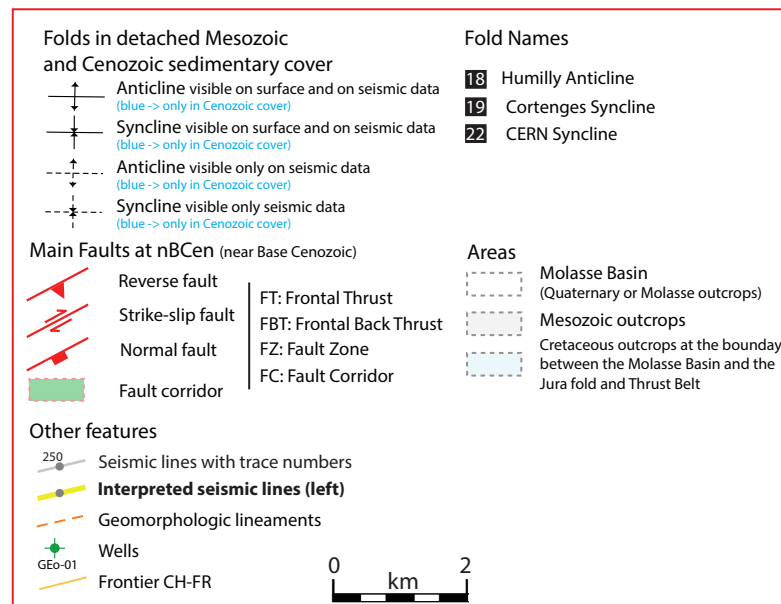
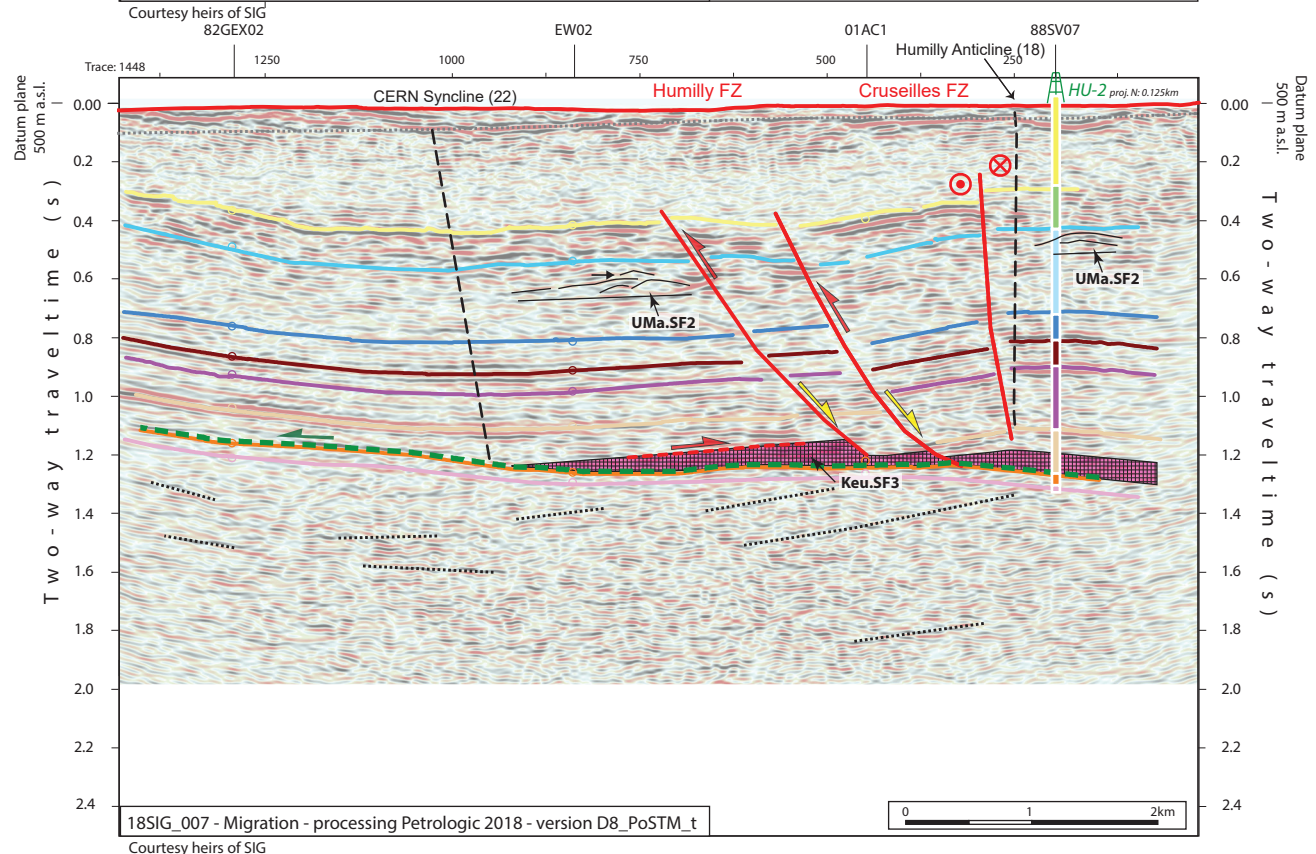
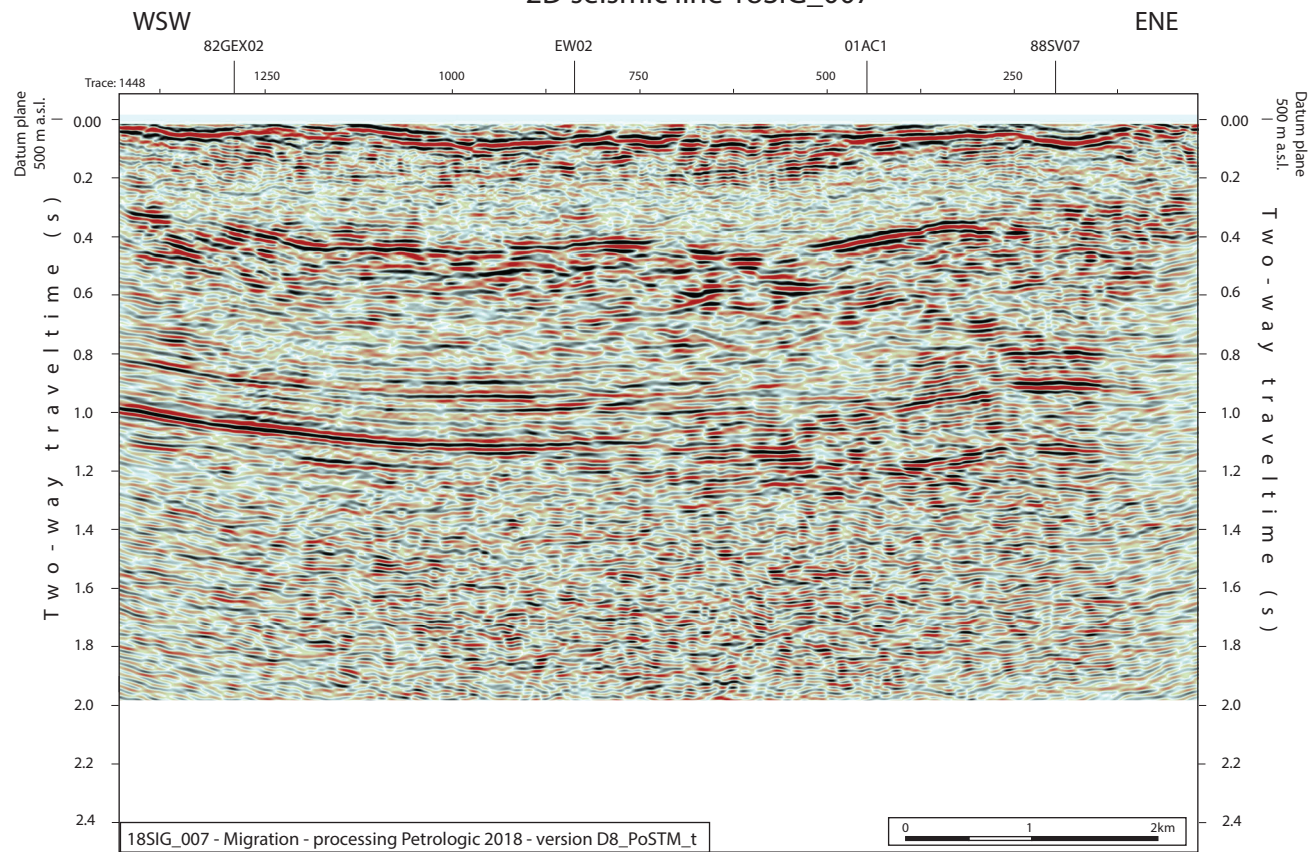


2D seismic line 18SIG\_007



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-02    | GEO-02 | Trace   | Seismic trace      |
| Gex CD-06 | GEX-6  | FZ      | Fault zone         |
| Humilly-1 | HU-1   | FC      | Fault corridor     |
| Humilly-2 | HU-2   | TWT     | Two way traveltime |
|           |        | proj. s | Projected Seconds  |
|           |        | nT      | near Top           |
|           |        | nB      | 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    |
- Seismic facies (SF) (see chap 4.2.)
- Unit.SFx (seismic facies name)
  - Keu.SF3 (likely haalite dominated layer)
  - Geometrical bedform and termination pattern

- Well stratigraphy
- Cenozoic & Quat
  - Cretaceous
  - Upper Malm
  - Lower Malm
  - Dogger
  - Lias
  - Keuper
  - Muschelkalk
  - Paleozoic

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