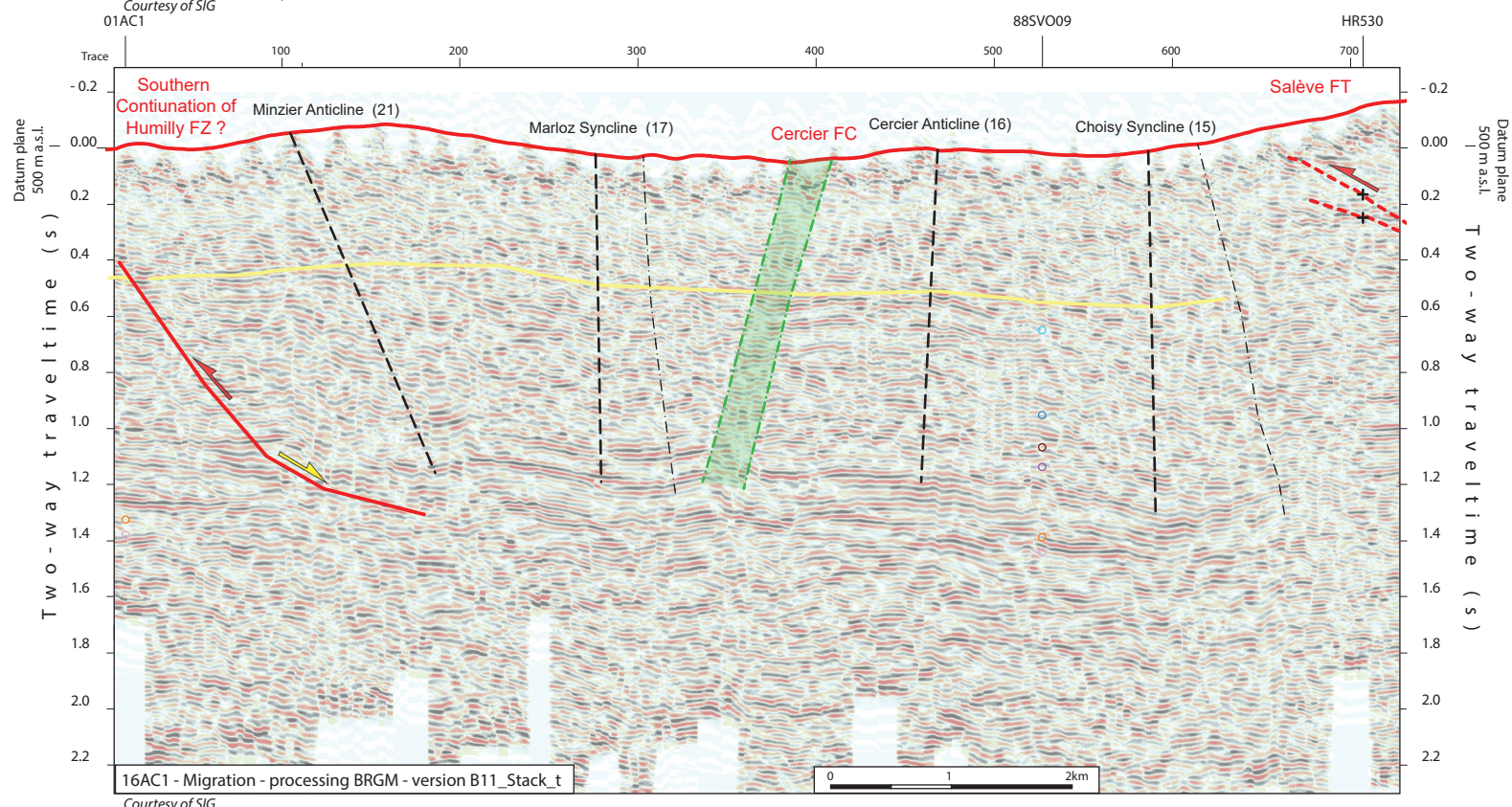
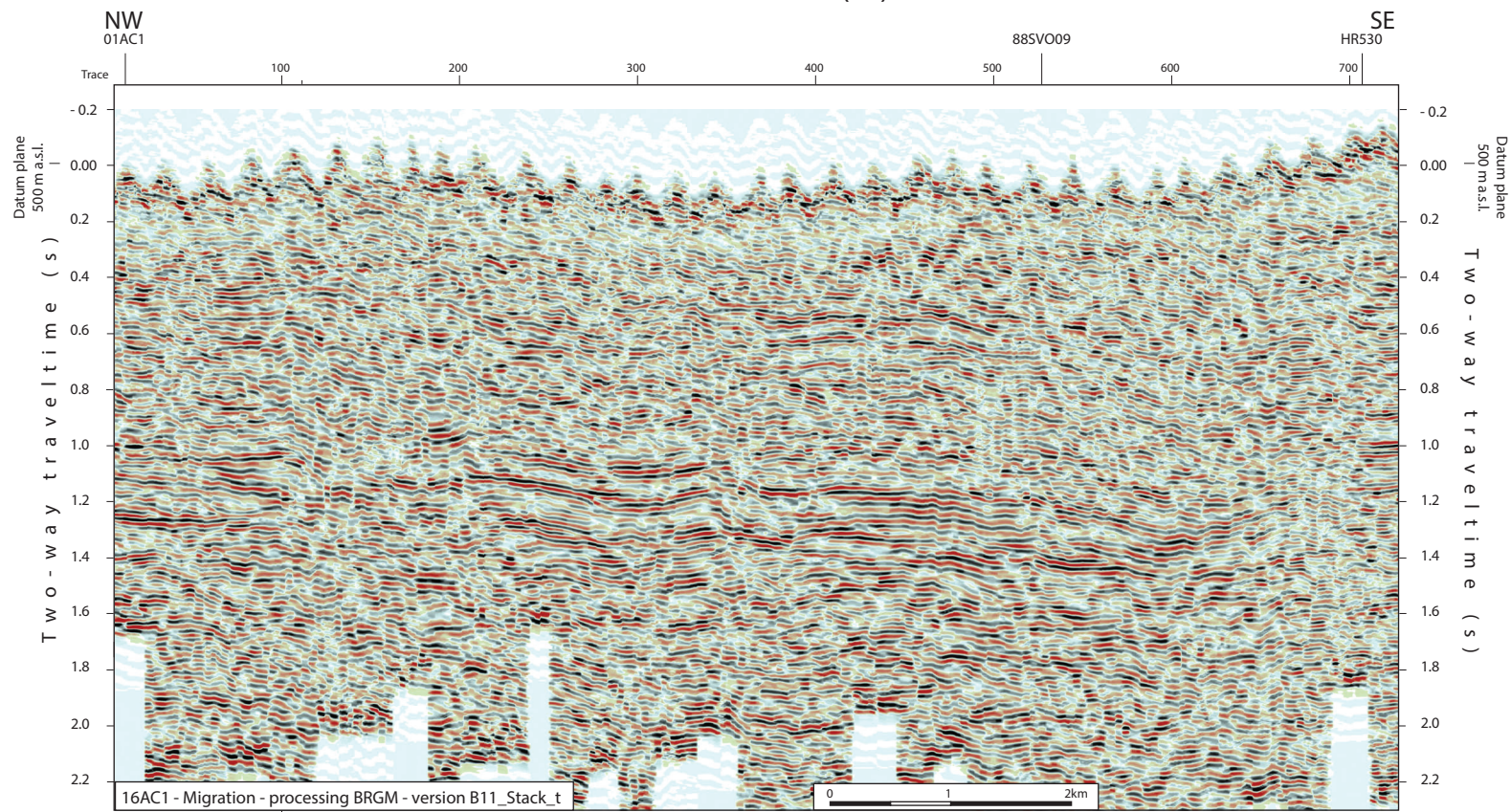


2D seismic line 16AC1 (FR)



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)

Main Faults at nBCen (near Base Cenozoic)

- Reverse fault
- Strike-slip fault
- Normal fault
- Fault corridor
- FT: Frontal Thrust
- FBT: Frontal Back Thrust
- FZ: Fault Zone
- FC: Fault Corridor

Other features

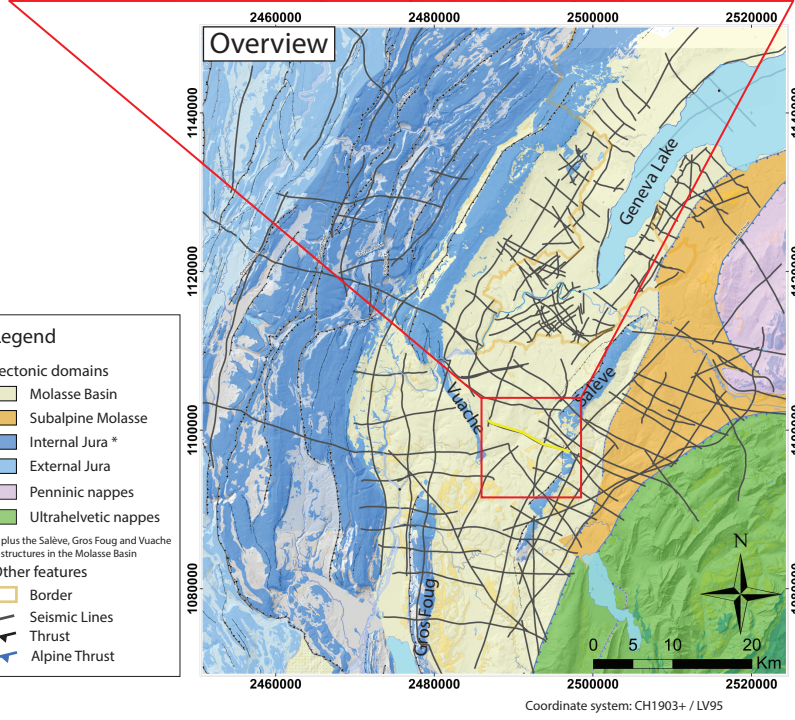
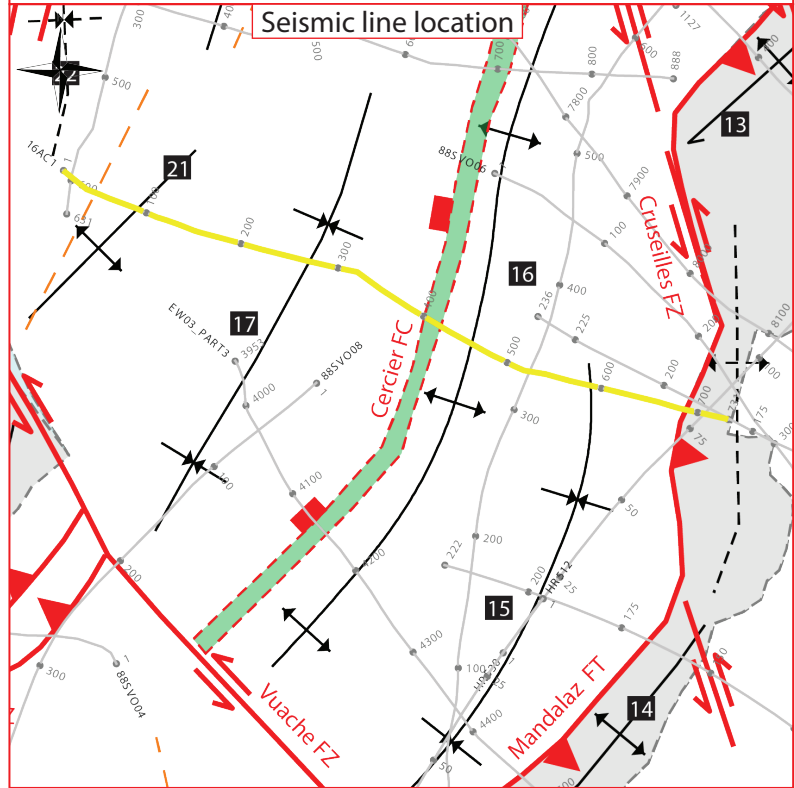
- Seismic lines with trace numbers
- Interpreted seismic lines (left)
- Geomorphologic lineaments
- Wells
- Frontier CH-FR

Fold Names

- 13 Salève Anticline
- 14 Mandalaz Anticline
- 15 Choisy Syncline
- 16 Cercier Anticline
- 17 Marloz Syncline
- 21 Minzier Anticline
- 22 CERN Syncline

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



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

Stratigraphic Interpretation

- Displacement vector pointing towards the observer
- Displacement vector pointing away from the observer
- Displacement vector during Cenozoic
- Displacement vector during Jurassic
- 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

Other abbreviations

- Trace: Seismic trace
- FZ: Fault zone
- FC: Fault corridor
- TWT: Two way traveltime
- proj.: Projected
- s: 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

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