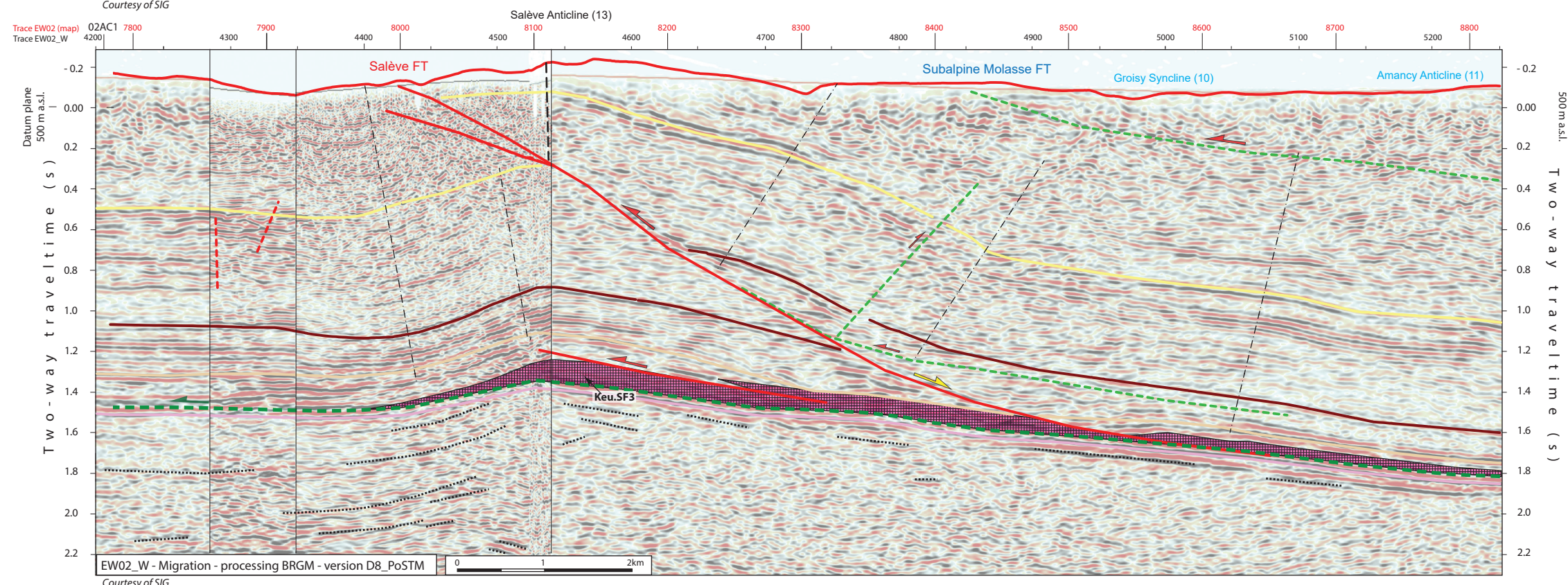
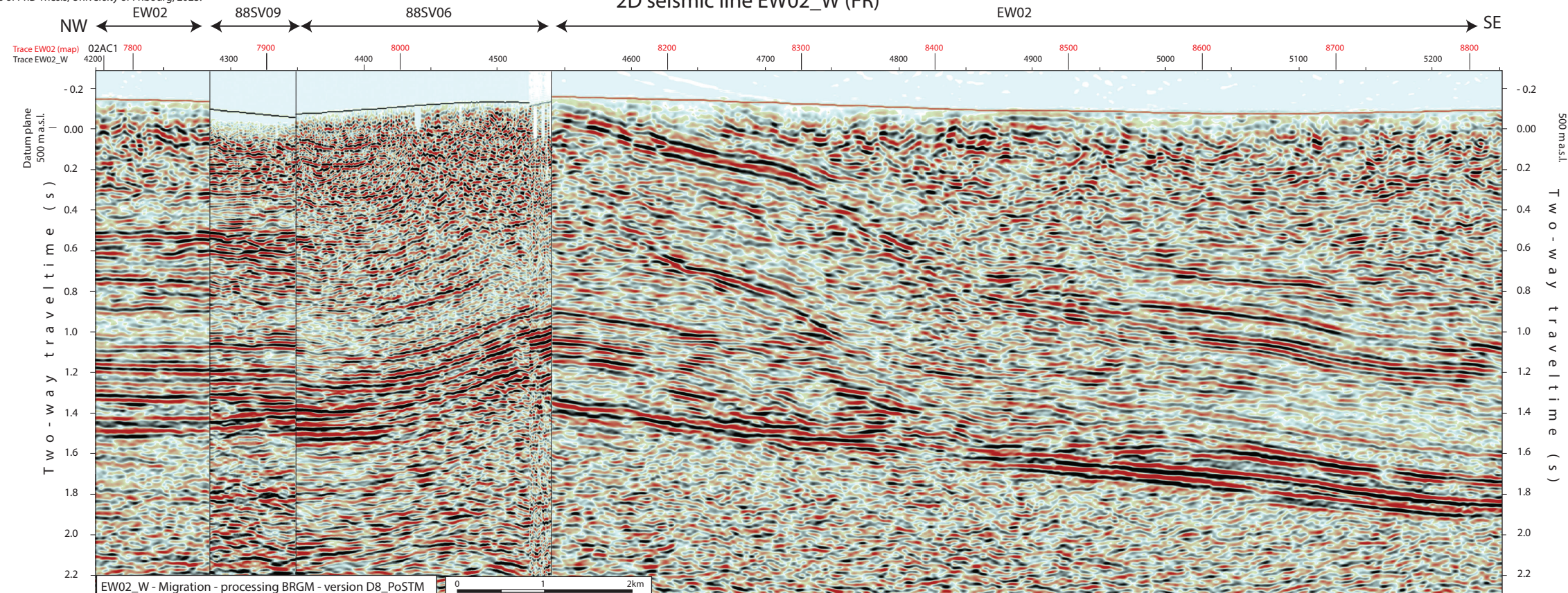


2D seismic line EW02_W (FR)



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

Other features

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

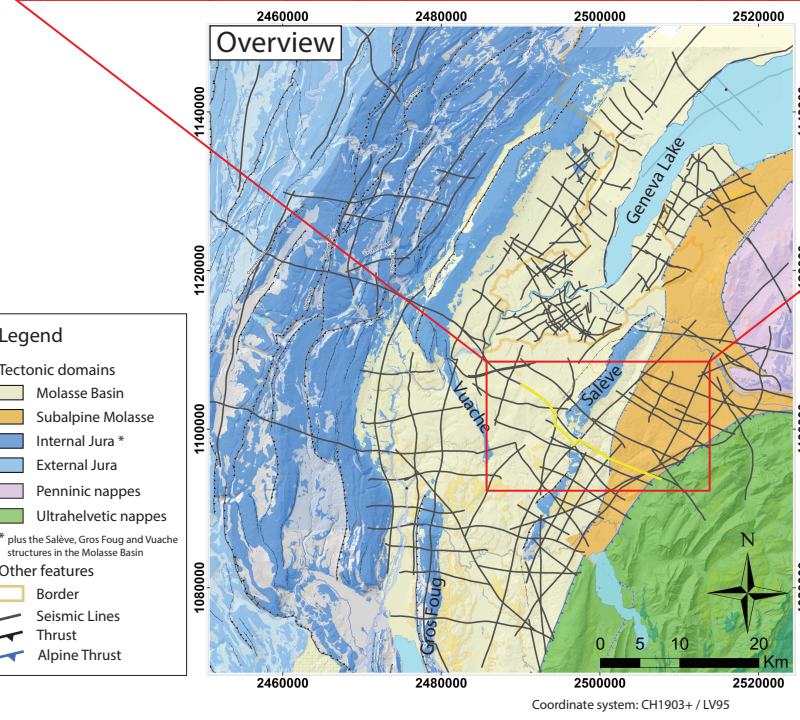
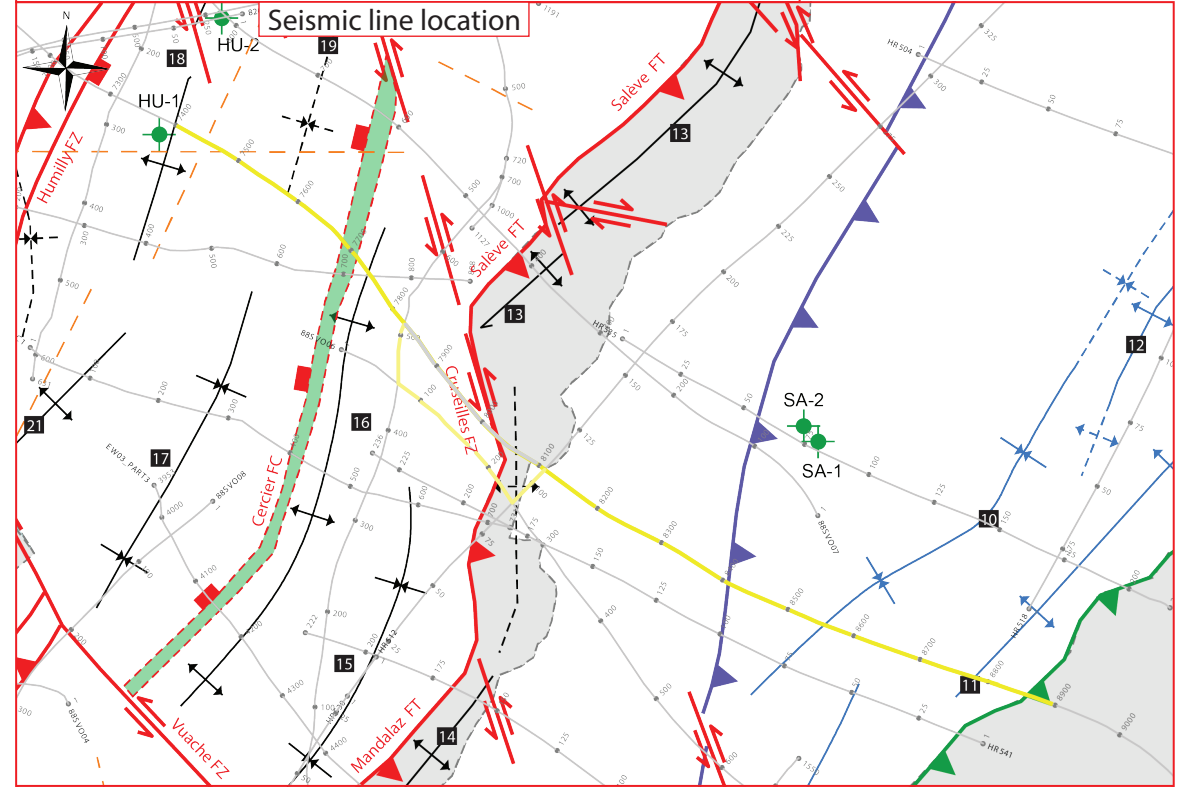
Fold Names

- 10 Groisy Syncline
- 11 Amancy Anticline
- 12 Etaux Anticline
- 13 Salève Anticline
- 14 Mandalaz Anticline
- 15 Choisy Syncline
- 16 Cercier Anticline
- 17 Marlioz Syncline
- 18 Humilly Anticline
- 19 Cortenges Syncline
- 21 Minzier Anticline
- 24 Bernex 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

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

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

Displacement vector pointing towards the observer

Displacement vector pointing away from the observer

Displacement vector during Cenozoic

Displacement vector during Jurassic

Well abbreviation (Map and section)

Humilly-1	HU-1
Humilly-2	HU-2
Salève-1	SA-1
Salève-2	SA-2vvv

Seismic facies (SF) (see chap 4.2.)

Unit.SFx	(seismic facies name)
Keu.SF3	(likely haalite dominated layer)

Geometrical bedform and termination pattern

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