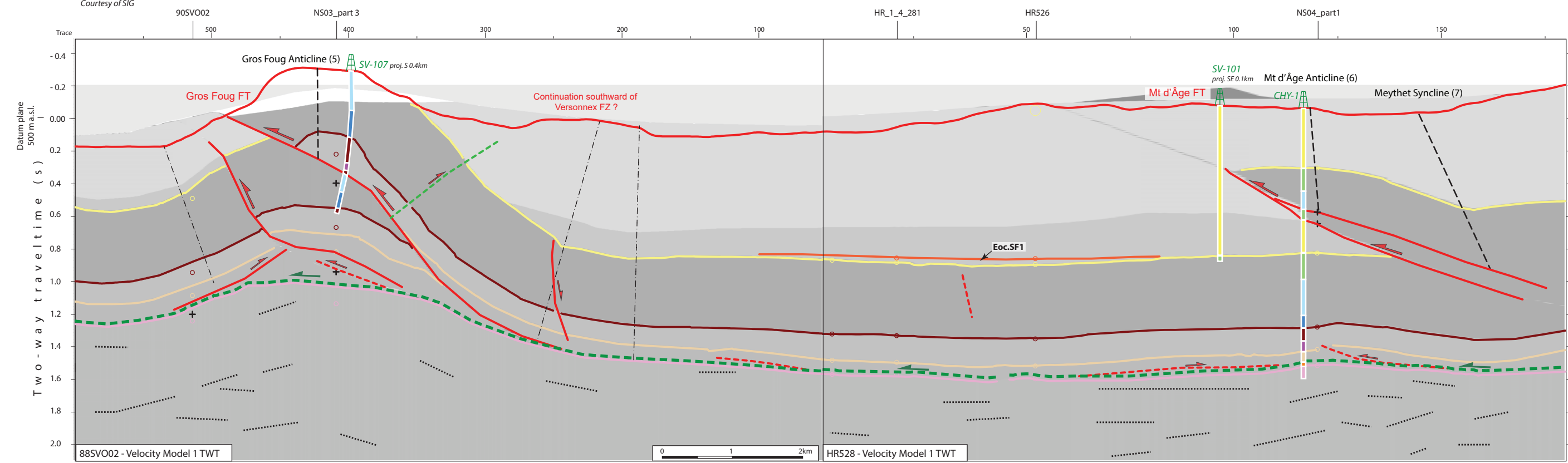
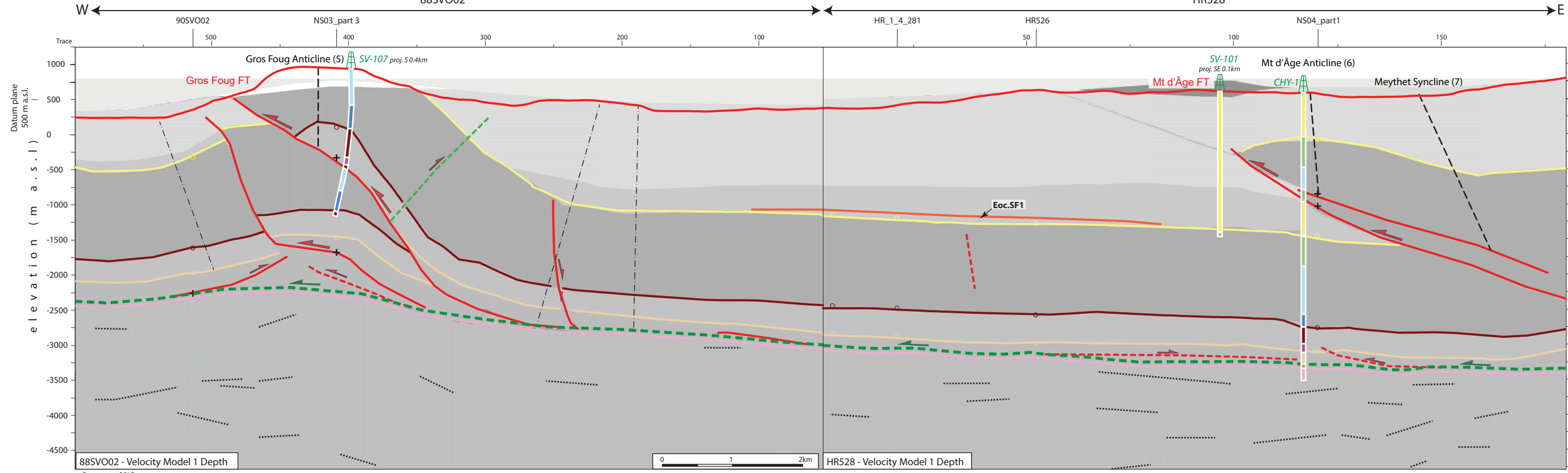


88SV002

2D seismic line 88SV002 - HR528 (FR)

HR528



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

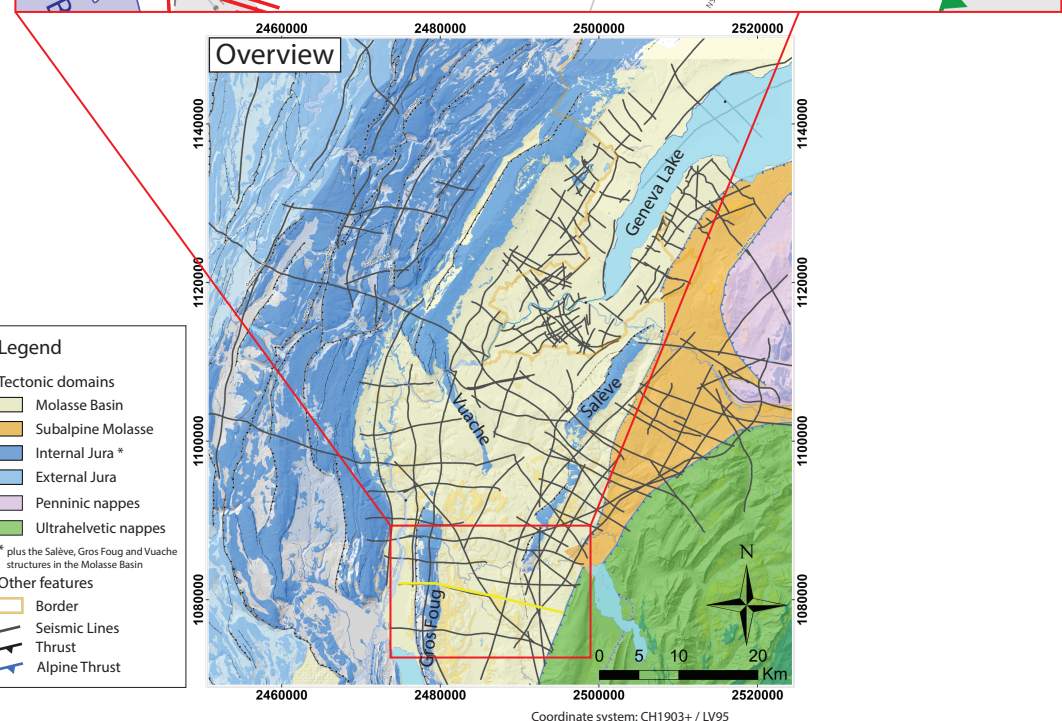
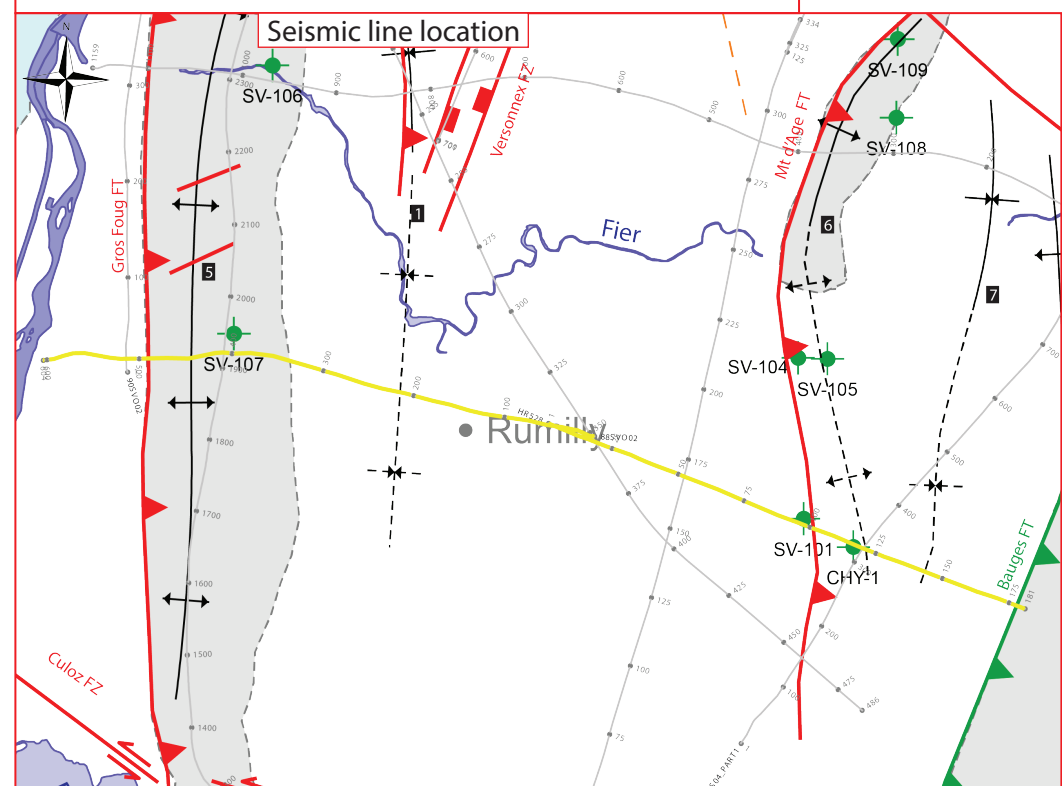
Fold Names

- Frangy Syncline
- Gros Foug Anticline
- Mt d'Âge Anticline
- Meythet 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

Displacement vectors

- 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 abbreviations

- Map and section)
- | | |
|------------|--------|
| Chapery-1 | CHY-1 |
| Savoie-101 | SV-101 |
| Savoie-104 | SV-104 |
| Savoie-105 | SV-105 |
| Savoie-106 | SV-106 |
| Savoie-107 | SV-107 |
| Savoie-108 | SV-108 |
| Savoie-109 | SV-109 |
- Seismic facies (SF) (see chap 4.2.)
- | | |
|----------|-----------------------|
| Unit.SFx | (seismic facies name) |
| Mus | Muschelkalk |
| Mes | Mesozoic |
| InPal | Intra Paleozoic |

Interval Velocities of Model 1 Rumilly Basin area

3000 m/s	Replacement Vint
3660 m/s	Upper Cenozoic
4482 m/s	Lower Cenozoic
5721 m/s	Cretaceous + Malm
4851 m/s	Dogger+ Lias
5172 m/s	Triassic
5000 m/s	Paleozoic

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 |

Well stratigraphy

- Cenozoic & Quaternary
- Lower Cenozoic (Eocene?)
- Cretaceous
- Upper Malm
- Lower Malm
- Dogger
- Liassic
- Keuper
- Muschelkalk
- Paleozoic

Legend

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