Encl. M48

Hauvette 2023, Seismic interpretation around the GGB
Tectonics of the Western North Alpine Foreland
Results of PhD Thesis, University of Fribourg, 2023.

Vertical thickness map of Triassic unit inside regional velocity model 1 area (see chapter 5)

Triassic
nTKeu-nBMes
Vertical
Thickness
(m)

1970
1750
1500
1250
1000
750
500
250
0

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N

0 2 4 6 8 10
KILOMETRES

Well abbreviation

Bogis-Bossey	L410E
Bonlieu-1	BLU-1
Brizon-1	BZN-1
Celigny	L552
Chéserex	313_G
Crassier	367
Crozet	Fc
Faucigny-1	FAY-1
GEo-01	GEo-01
GEo-02	GEo-02
Gex CD-01	GEX-1
Gex CD-02	GEX-2
Gex CD-03	GEX-3
Gex CD-04	GEX-4
Gex CD-05	GEX-5
Gex CD-06	GEX-6
Gex CD-07	GEX-7
Grilly	Fg
Humilly-1	HU-1
Humilly-2	HU-2
L 112	L 112
L 132	L 133
L 135	L 135
La Balme-1	LBL-1
Messery-1	MEY-1
Mont-de-Boisy-1	MB-1
Musiège-1	MG-1
Salève-1	SA-1
Salève-2	SA-2
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
Thônex-1	THO-1

Prealpine Units

Subalpine Molasse area

Subalpine Massifs

Reculet
Vuache
Salève
Gros Foug

Geneva Lake
Annecy Lake
Bourget Lake
Rhône
Arve
Fier

Nyon
Genève
Bellegarde
Annecy
Rumilly

313_G
367
L410E
L552
MEY-1
MB-1
THO-1
FAY-1
LBL-1
SA-2
SA-1
BZN-1
L 112
L 135
L 133
GEX-1
GEX-7
GEX-2
GEo-01
GEX-3
GEX-4
GEX-5
GEo-02
GEX-6
HU-2
HU-1
SV-109
SV-108
SV-106
SV-107
SV-105
SV-104
SV-101
CHY-1

Legend

Main Faults at the concerned layers

- Reverse fault
- Strike-slip fault
- Normal fault
- Fault corridor
- Top Elev / Name — Value of Well formation top elevation (m)
- Seismic lines used for interpretation
- Frontier CH-FR
- Bauges and Subalpines Massifs Front Thrust
- Prealpine Units Front Thrust
- Subalpine Molasse Front Thrust
- Geomorphologic lineaments

1.140.000
1.120.000
1.100.000
1.080.000

2.480.000 2.500.000 2.520.000

Coordinate system: CH1903+ / LV95