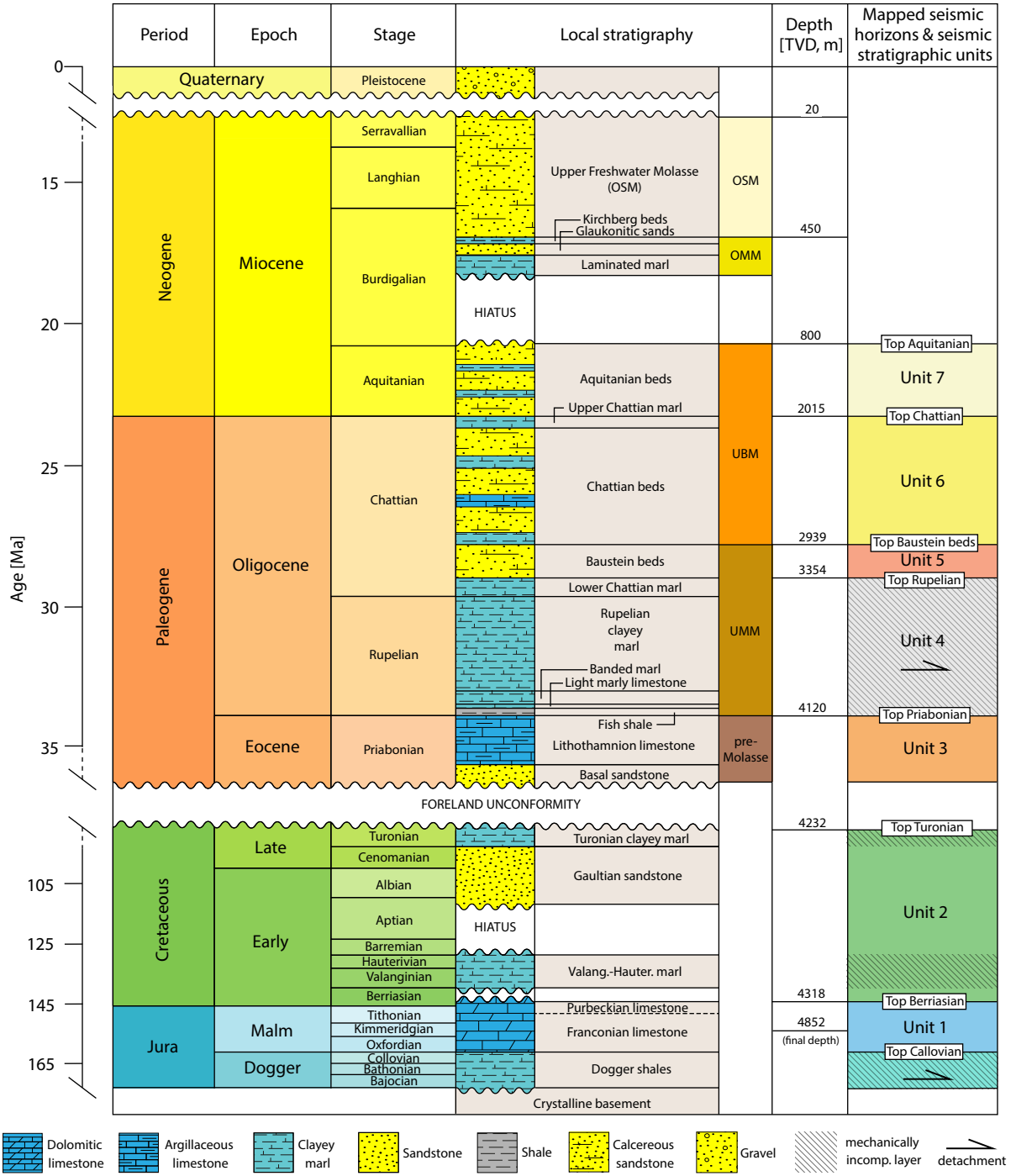
Period
Epoch
Stage
Local stratigraphy
Depth [TVD, m]
Mapped seismic horizons & seismic stratigraphic units
Age [Ma]
0
15
20
25
30
35
105
125
145
165
Quaternary
Pleistocene
Neogene
Miocene
Serravallian
Langhian
Burdigalian
Aquitanian
Upper Freshwater Molasse (OSM)
Kirchberg beds
Glaukonitic sands
Laminated marl
HIATUS
Aquitanian beds
Upper Chattian marl
OSM
OMM
UBM
20
450
800
2015
Top Aquitanian
Unit 7
Top Chattian
Paleogene
Oligocene
Chattian
Rupelian
Chattian beds
Baustein beds
Lower Chattian marl
Rupelian clayey marl
Banded marl
Light marly limestone
UMM
2939
3354
4120
Top Baustein beds
Unit 5
Top Rupelian
Unit 6
Unit 4
Top Priabonian
Eocene
Priabonian
Fish shale
Lithothamnion limestone
Basal sandstone
pre-Molasse
Unit 3
FORELAND UNCONFORMITY
Cretaceous
Late
Early
Turonian
Cenomanian
Albian
Aptian
Barremian
Hauterivian
Valanginian
Berriasian
Turonian clayey marl
Gaultian sandstone
HIATUS
Valang.-Hauter. marl
4232
4318
Top Turonian
Unit 2
Top Berriasian
Jura
Malm
Dogger
Tithonian
Kimmeridgian
Oxfordian
Collovian
Bathonian
Bajocian
Purbeckian limestone
Franconian limestone
Dogger shales
4852
(final depth)
Unit 1
Top Callovian
Crystalline basement
Dolomitic limestone
Argillaceous limestone
Clayey marl
Sandstone
Shale
Calcereous sandstone
Gravel
mechanically incomp. layer
detachment