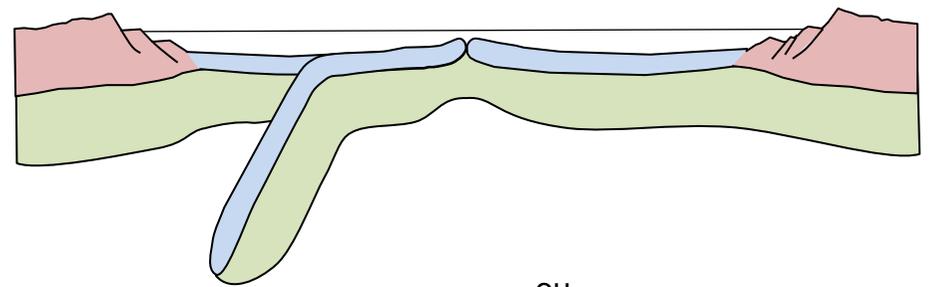
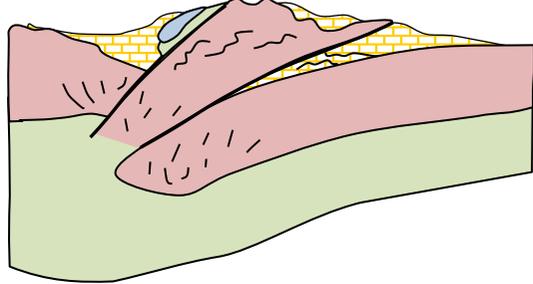
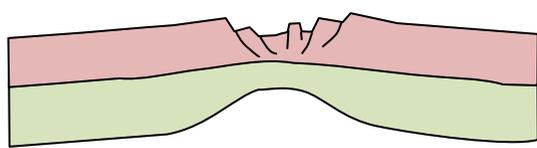
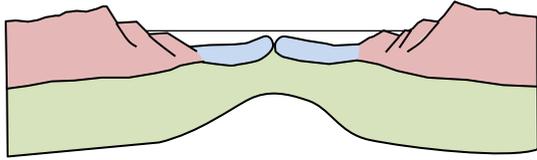
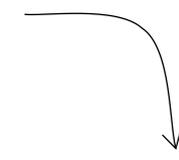
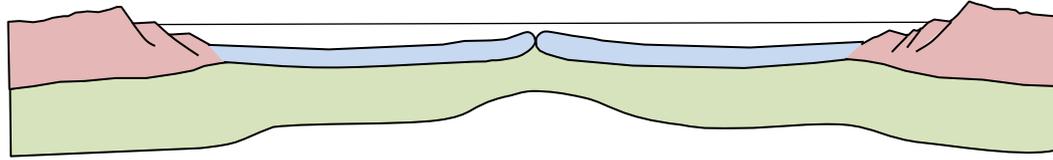
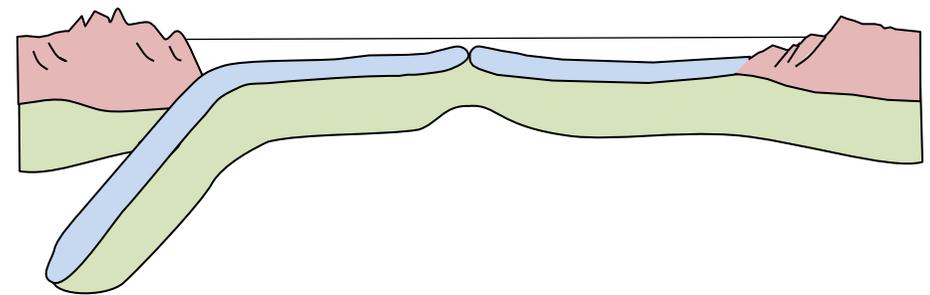


Mouvements horizontaux des plaques

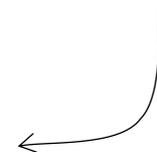
Extension ou divergence
Augmentation de la surface



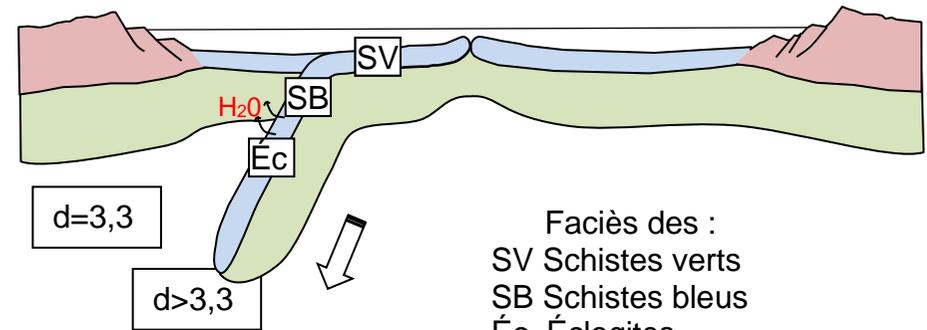
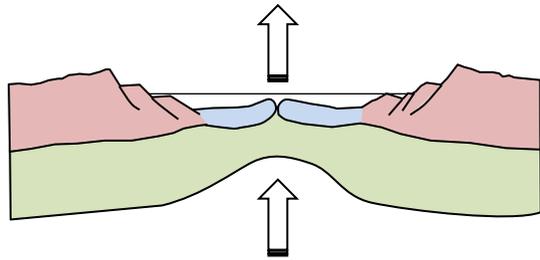
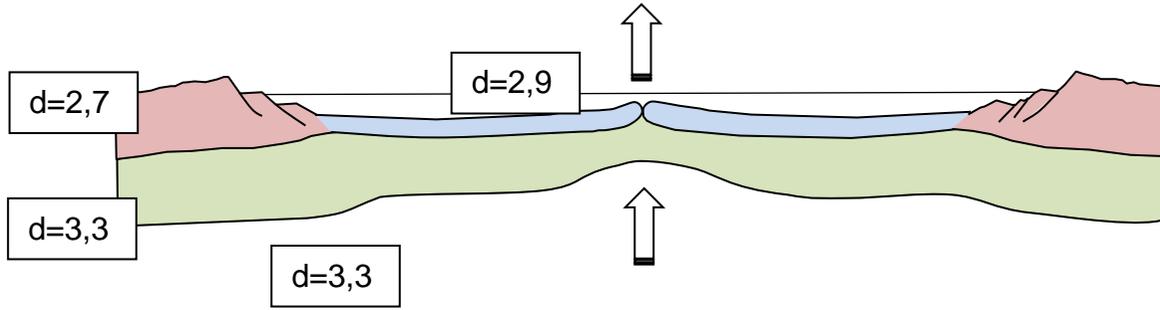
ou



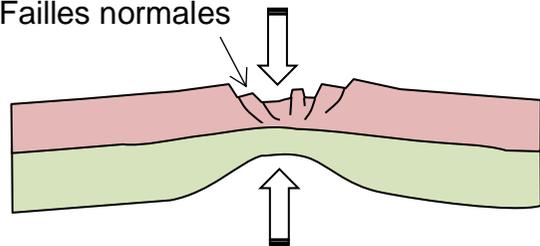
Compression ou convergence
Diminution de la surface



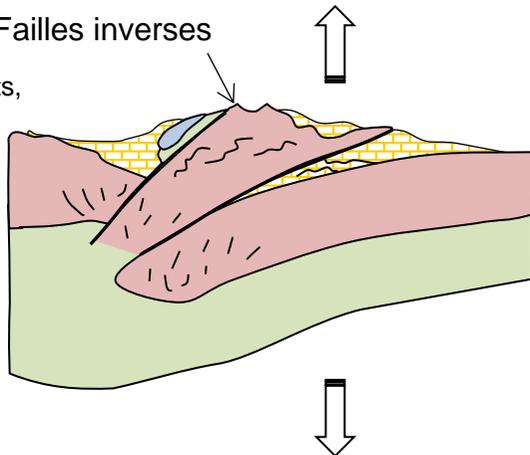
Mouvements verticaux



Failles normales



Failles inverses



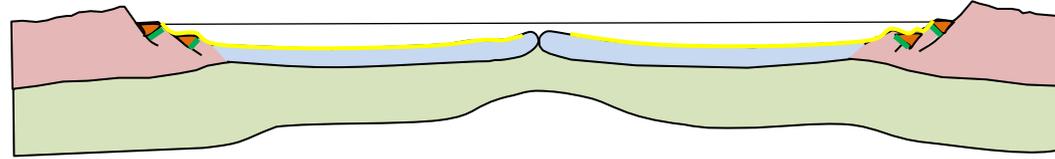
Plis, failles, chevauchements, charriages

Faciès des :
 SV Schistes verts
 SB Schistes bleus
 Éc Éclogites

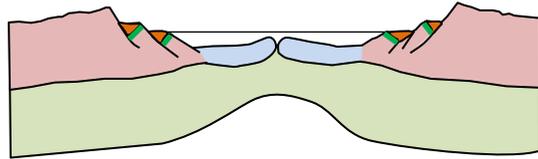
- ① En refroidissant, la plaque s'épaissit et sa densité augmente
- ② Le métamorphisme entraîne la libération d'eau, la densité augmente

Sédiments et roches sédimentaires

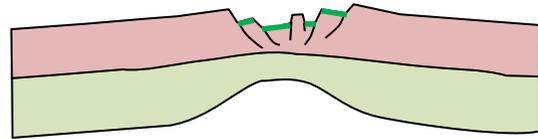
Sédimentation
post rift (carbonatées ou siliceuse)



Sédimentation
syn rift

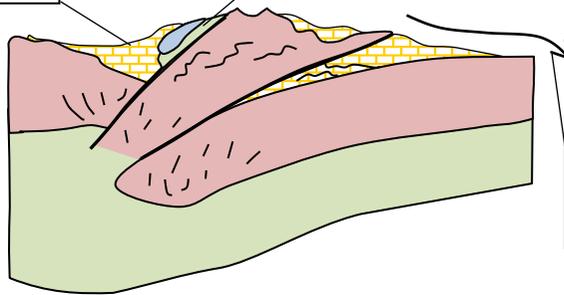


Sédimentation
anté rift (évaporites, grès)

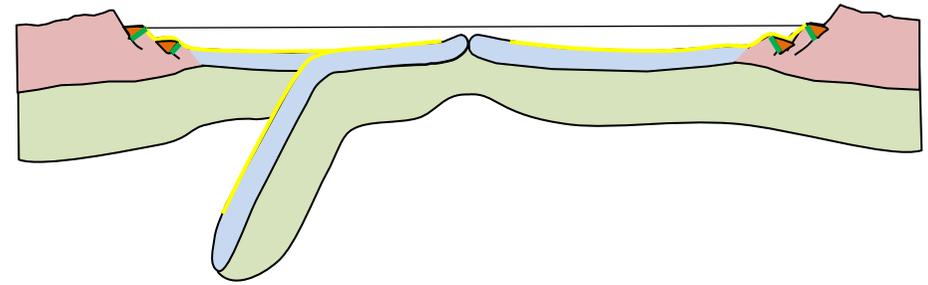


Roche de l'ancienne
marge passive (calcaires)

Roche de l'ancien
Océan (radiolarites)

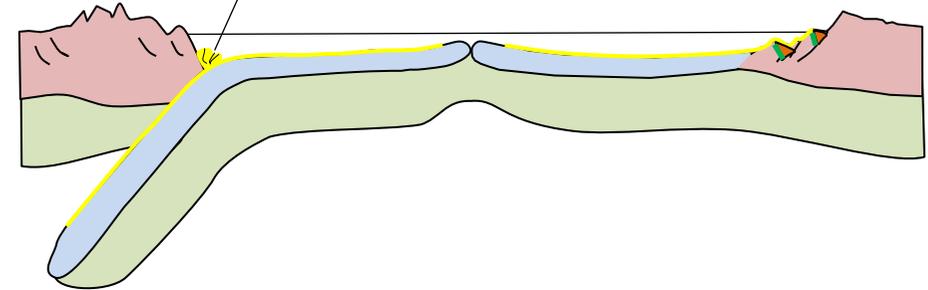


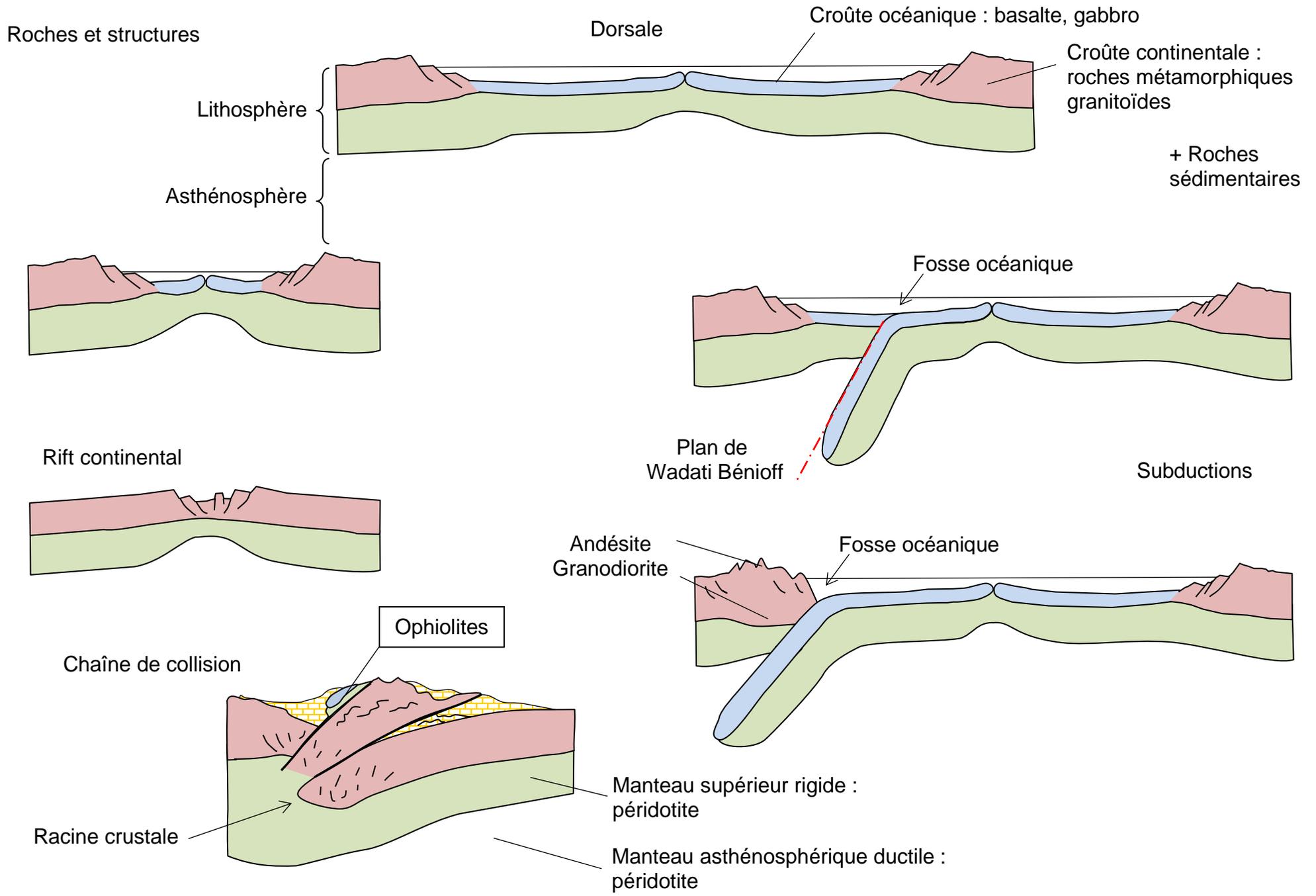
Altération, érosion, transport
(fluviatile, éolien, glaciaire)



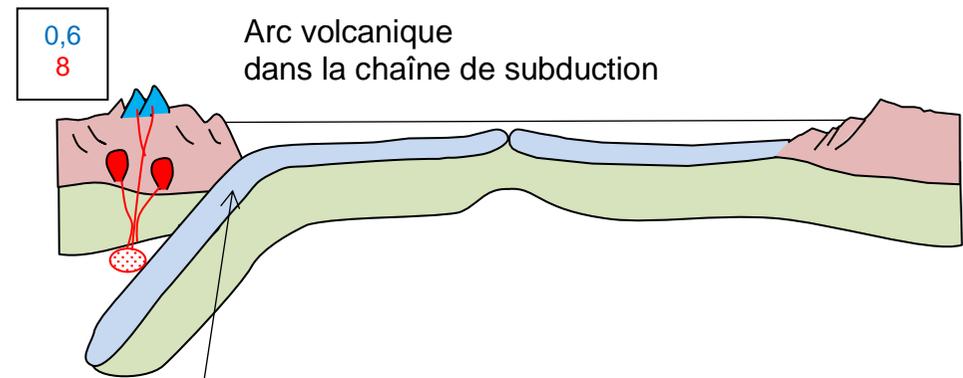
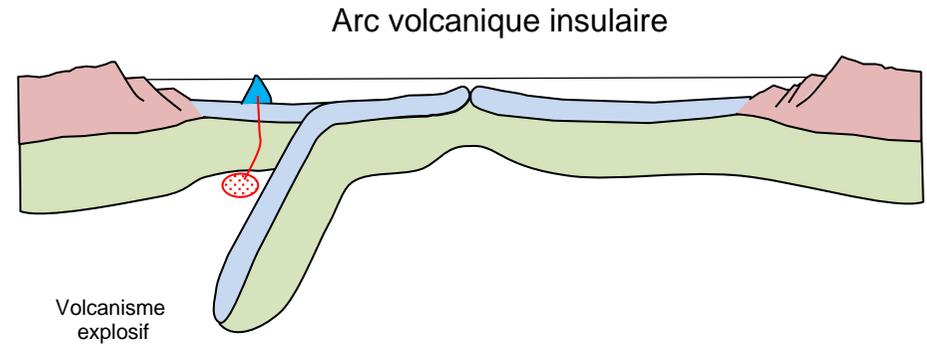
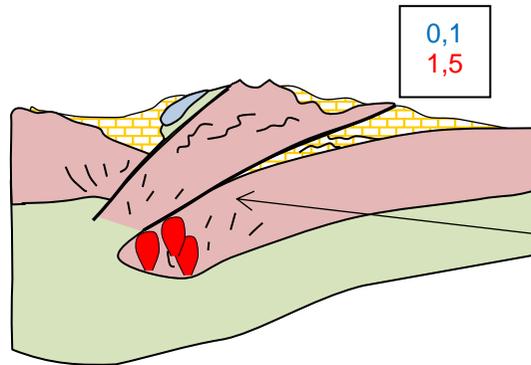
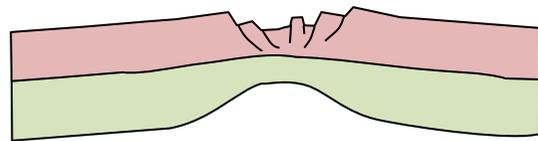
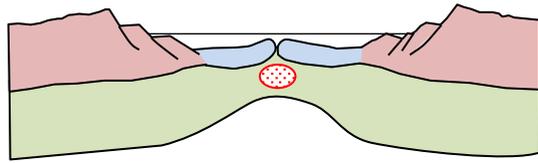
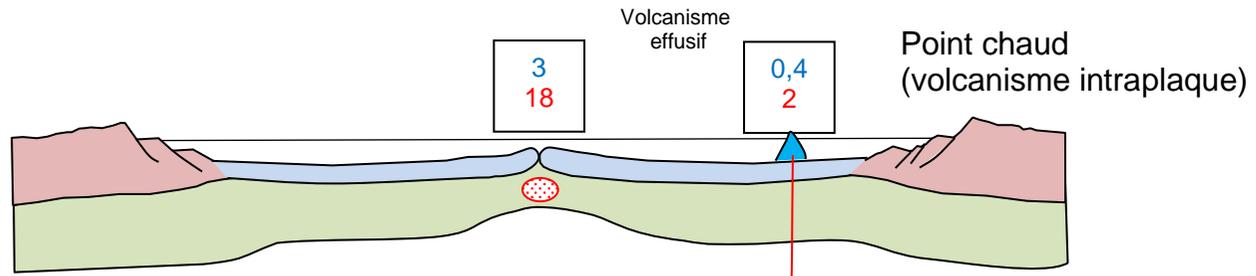
(s'il est présent)

Prisme d'accrétion



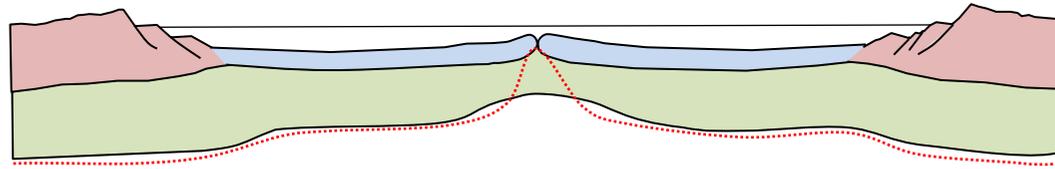


Magmatisme et métamorphisme

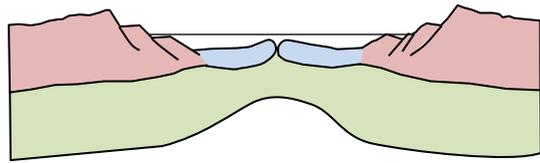


- ▲ Roches magmatiques volcaniques
 - Roches magmatiques plutoniques
 - Zone de fusion
- production annuelle en km³

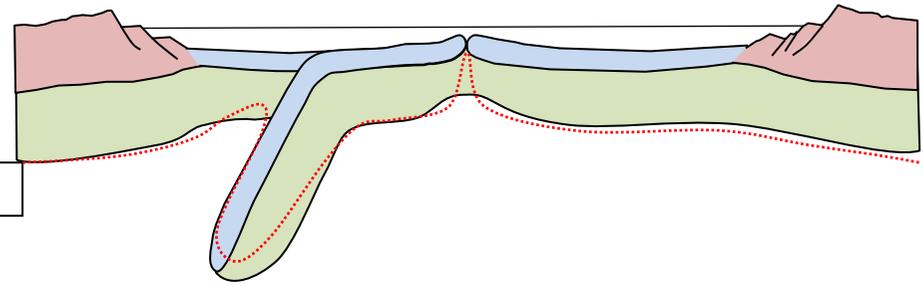
Géothermes



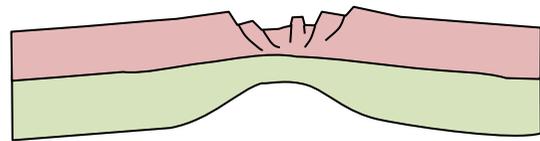
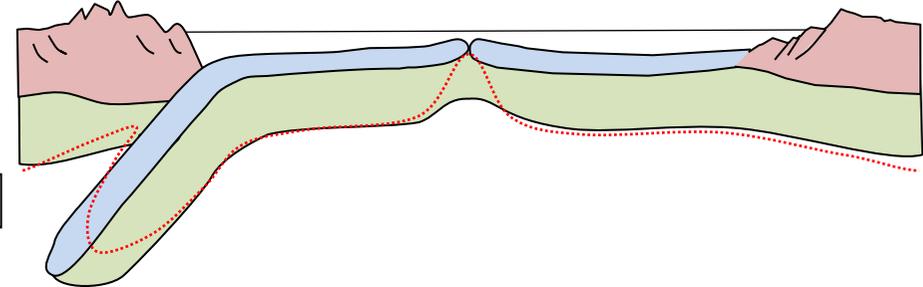
1200 °C



1200 °C

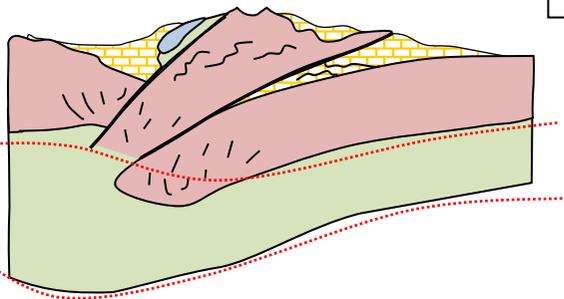


1200 °C



800 °C

1200 °C



Gradient géothermique moyen en surface
1 °C tous les 33 m (30 °C tous les 1000 m)