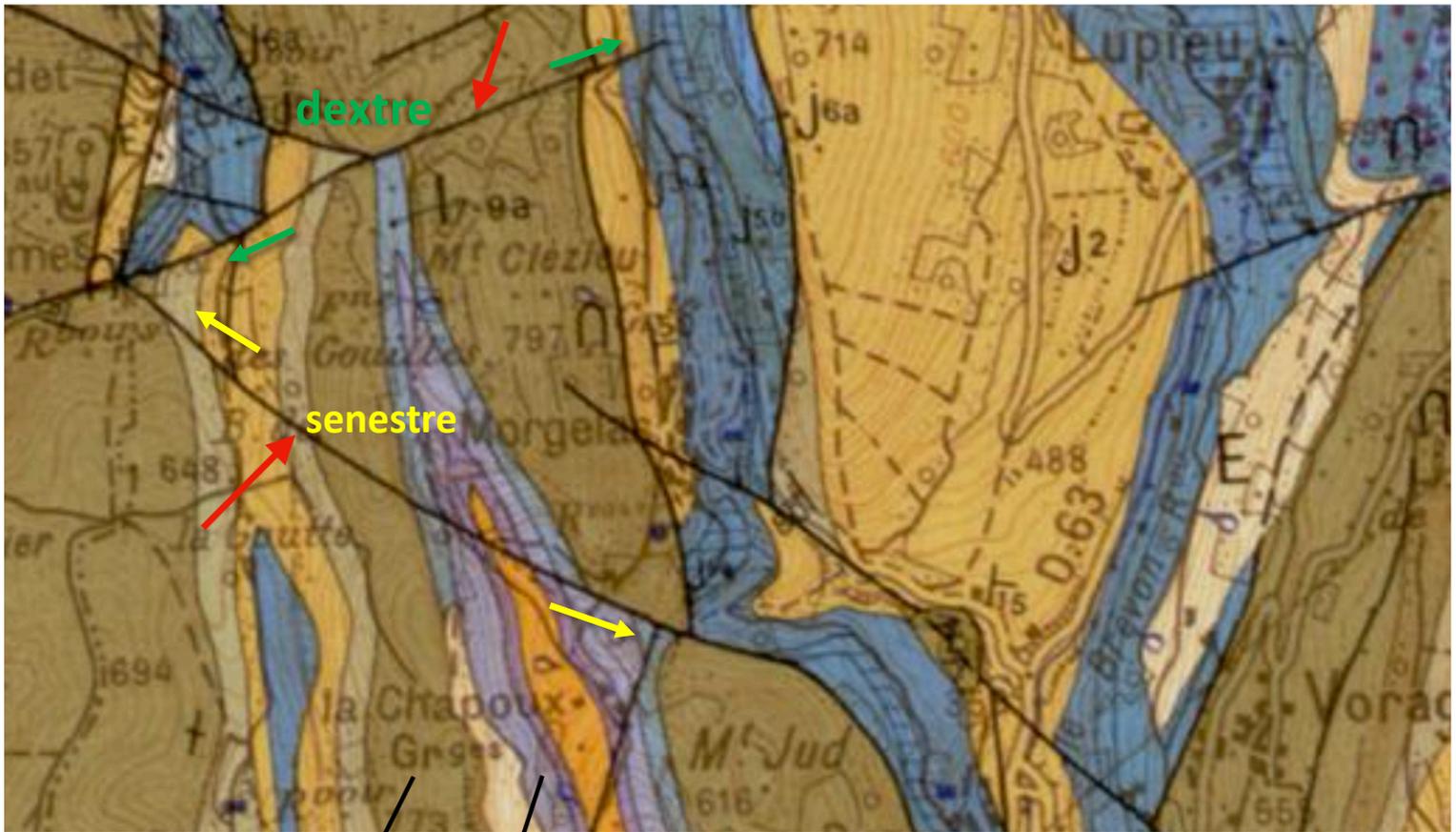


TP STD-1 Rhéologie



Lycée Hoche, BCPST1

<http://blog.univ-angers.fr/>



Décrochement :

Z : Est-Ouest

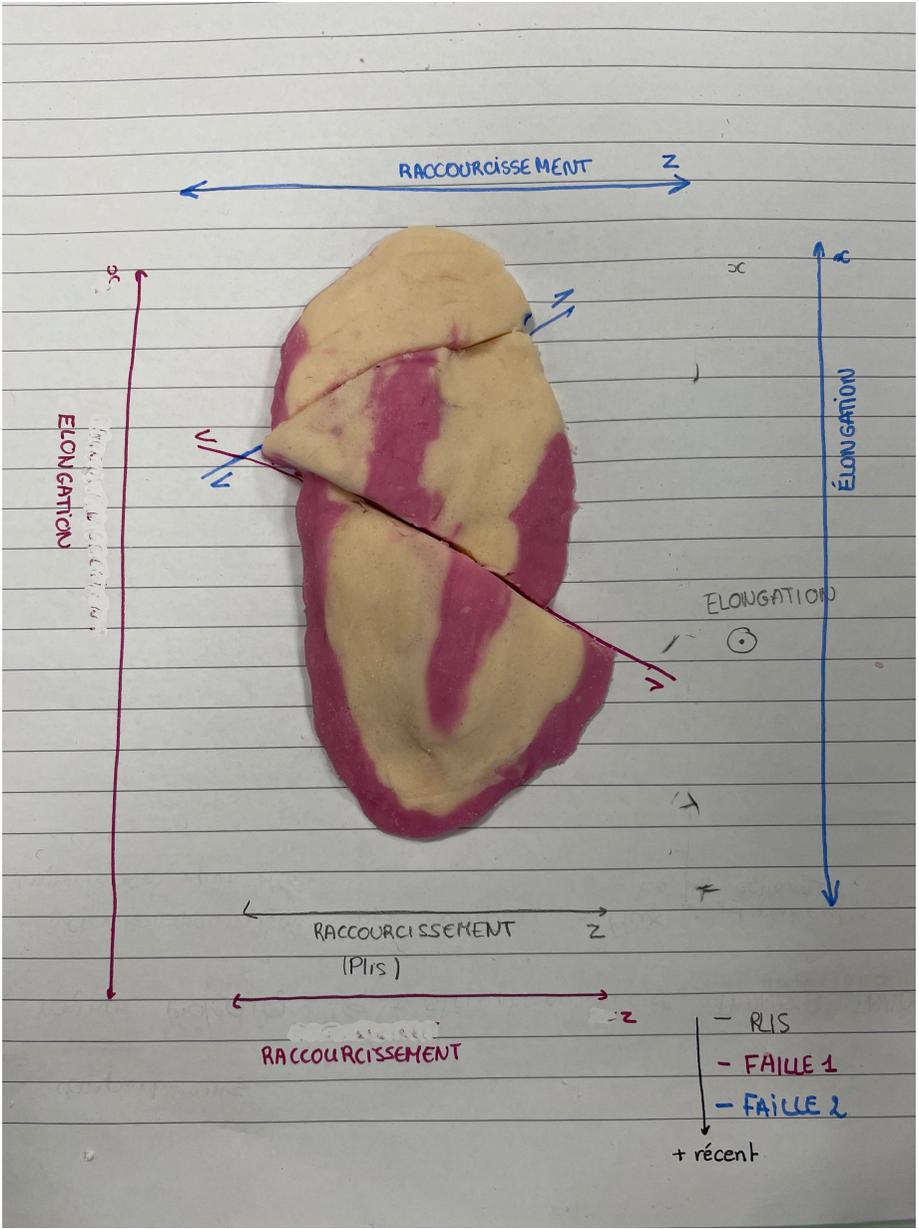
X : Nord-Sud

Anticlinal :

Z : Est-Ouest

X : vertical

I_{9b} / I₁₋₅







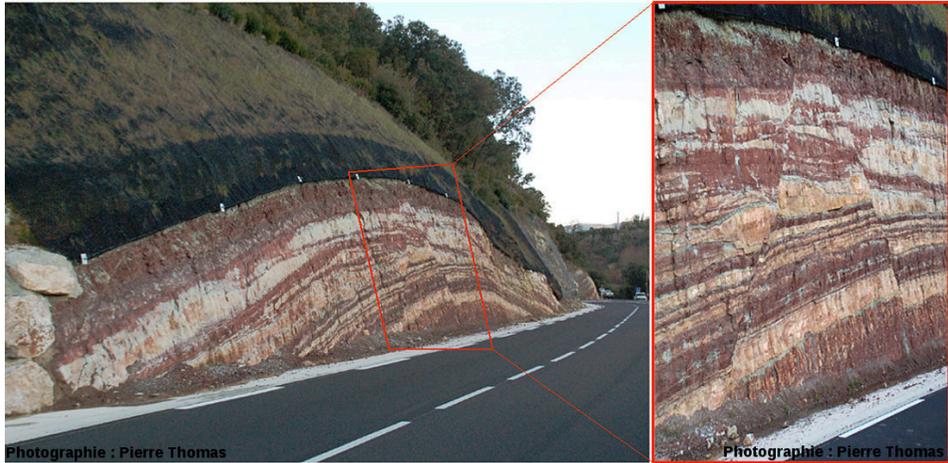
Anticlinal

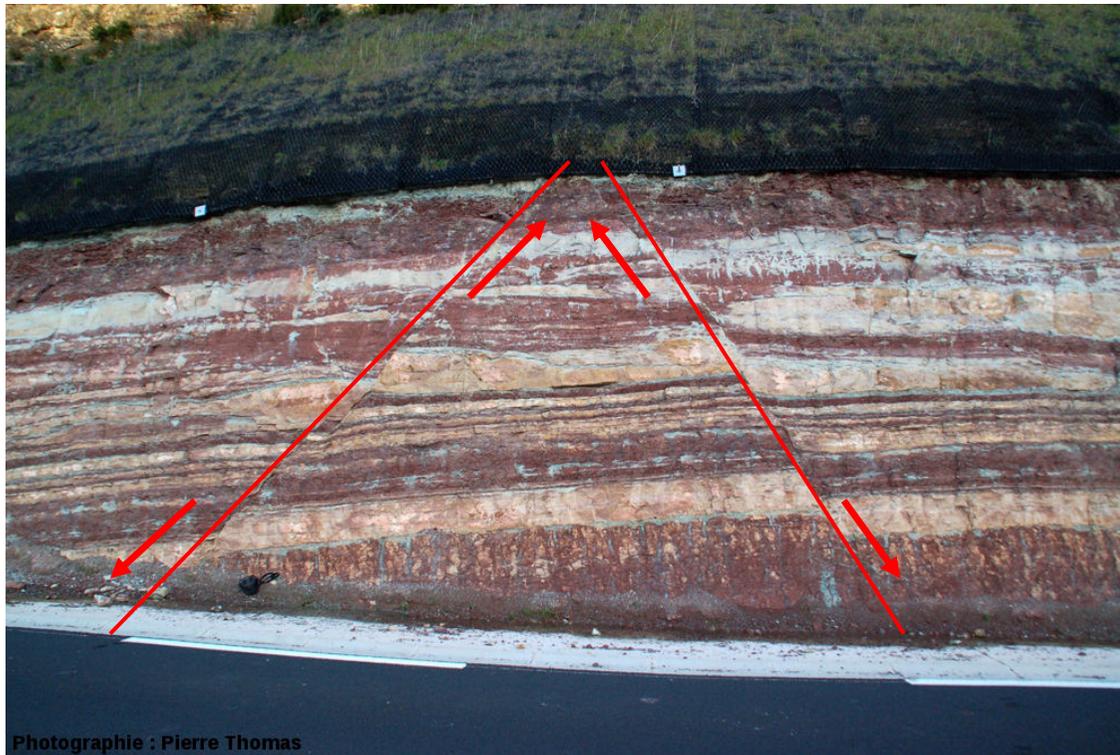
X vertical



Décrochement







Faille normale à l'extrados :

Déformation discontinue

Allongement

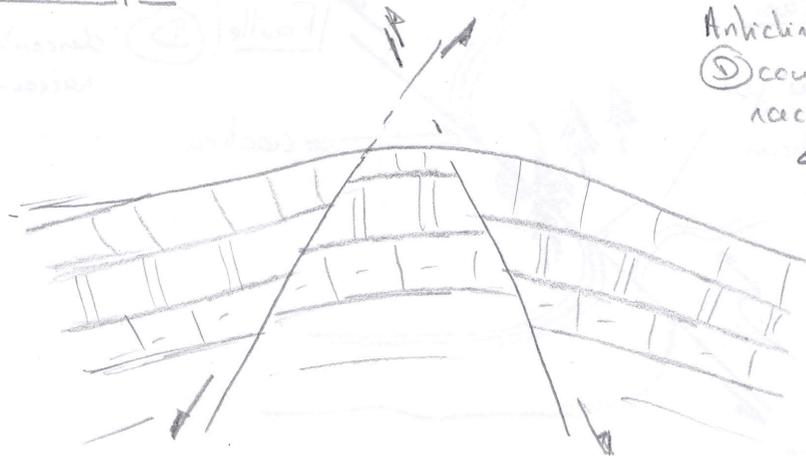
X horizontal, Z vertical

Anticlinal :

Raccourcissement

Z horizontal, X vertical

2^e exemple

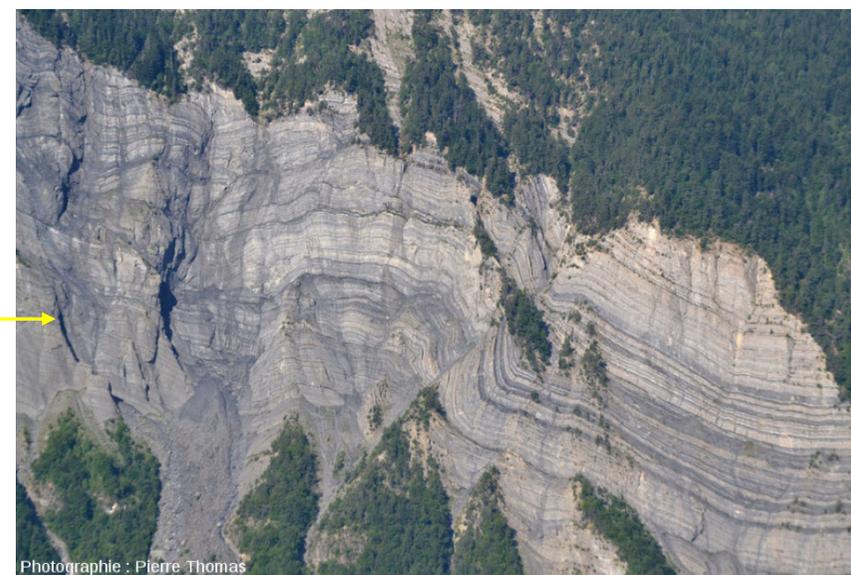
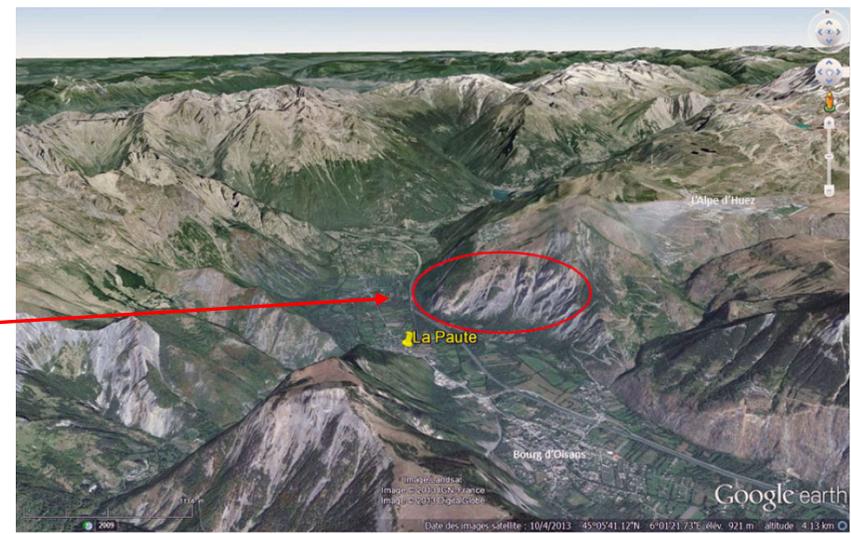
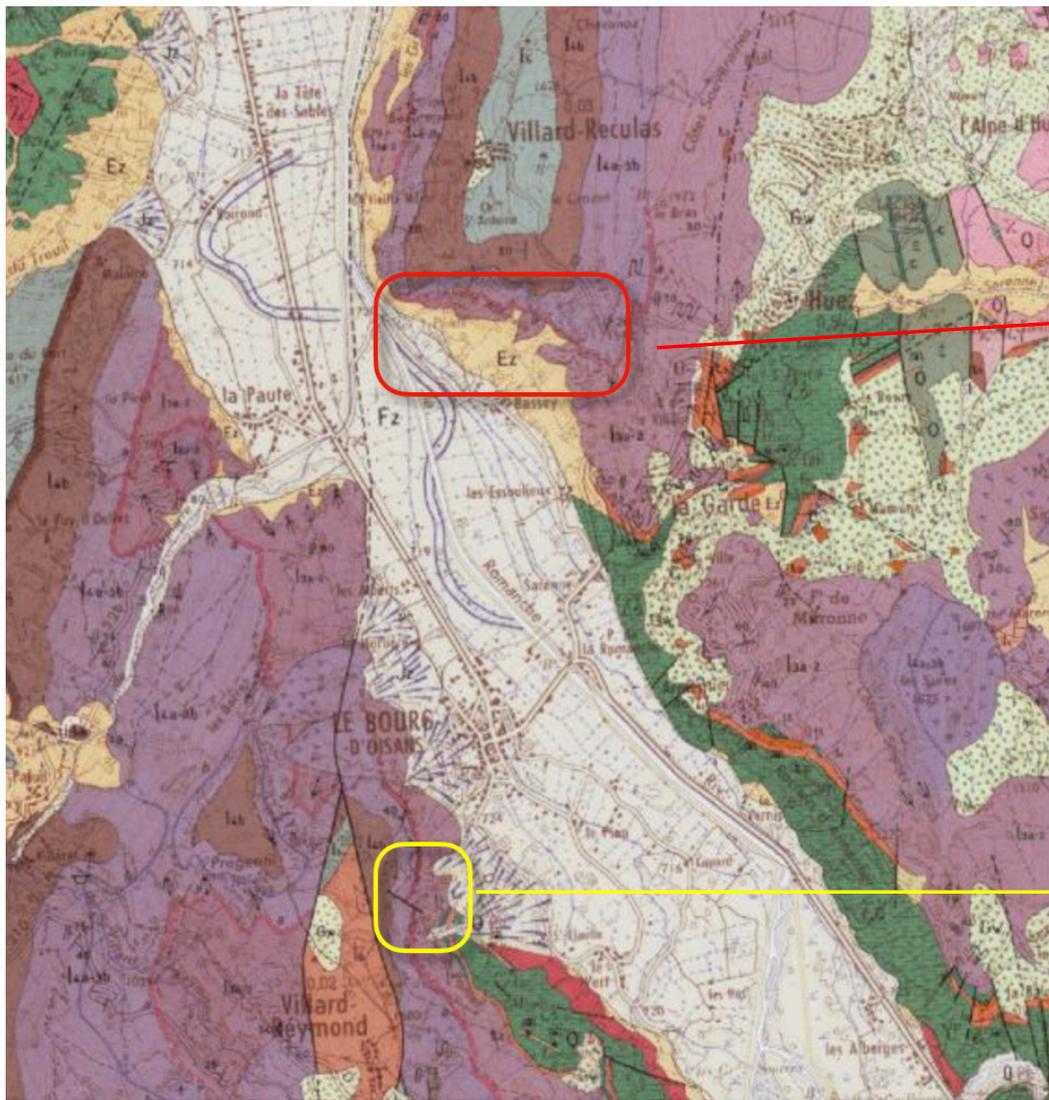


Anticlinal
① continue
accourcissement

2 failles normales conjuguées à l'apex de l'anticlinal
① discontinue et allongement



Photographie : Pierre Thomas



1 km

Photographie : Pierre Thomas

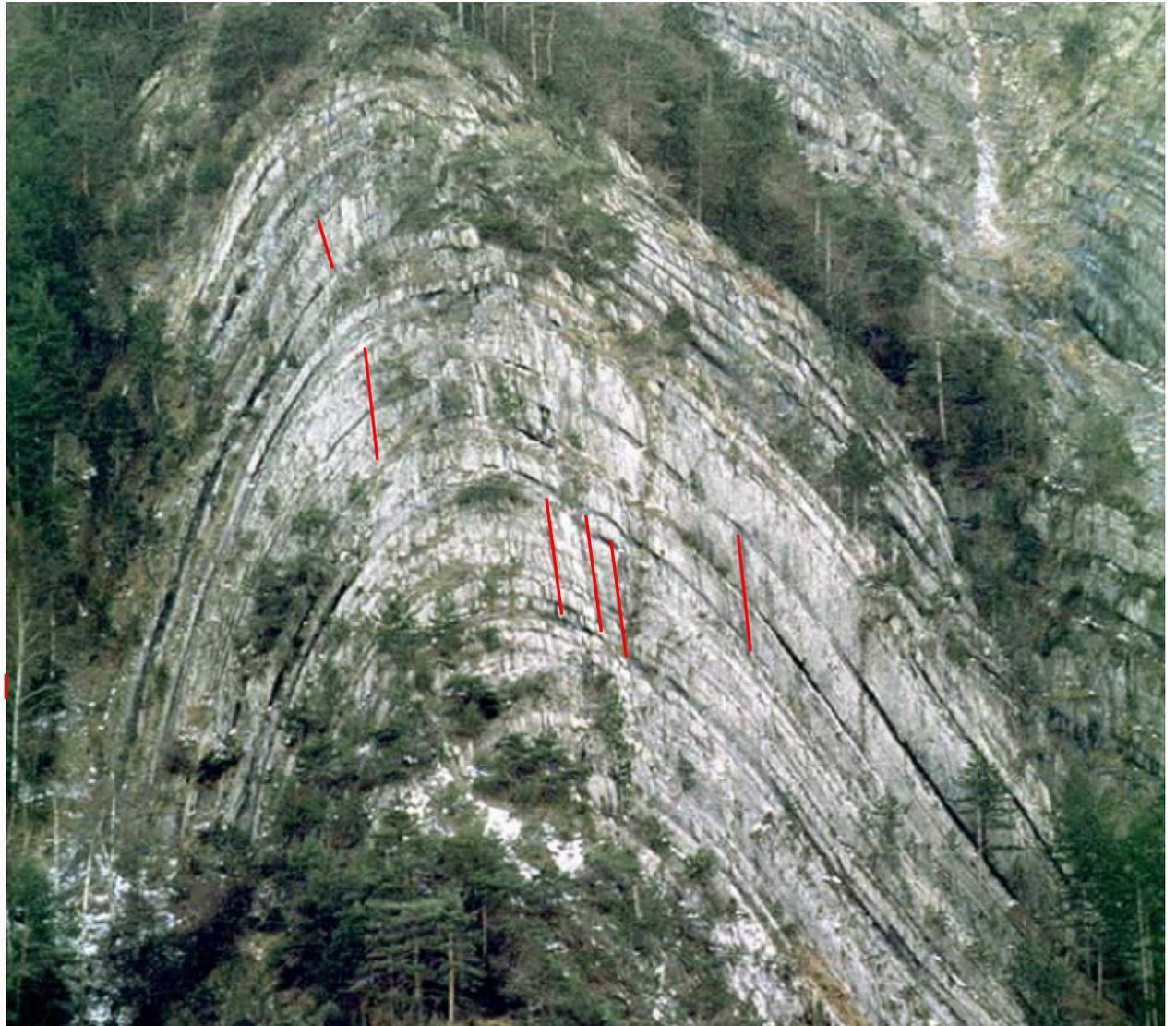


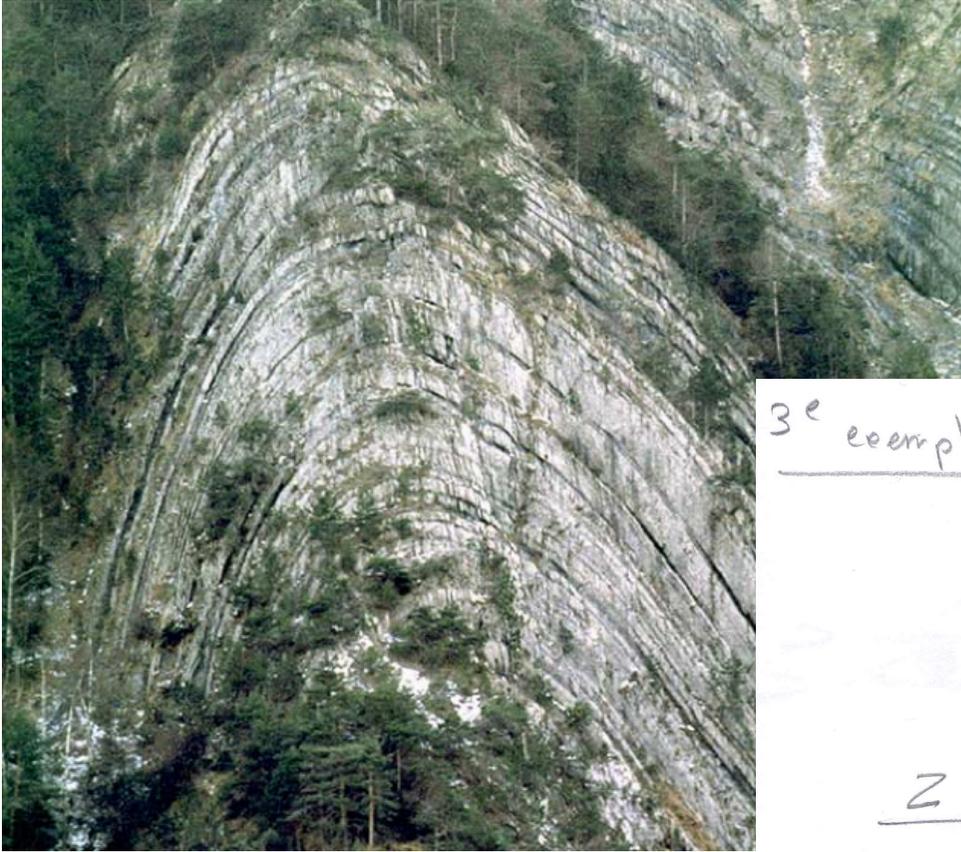
Photographie : Pierre Thomas



Anticlinal :
Raccourcissement
Z horizontal, X vertical

Schistosité de plan axial





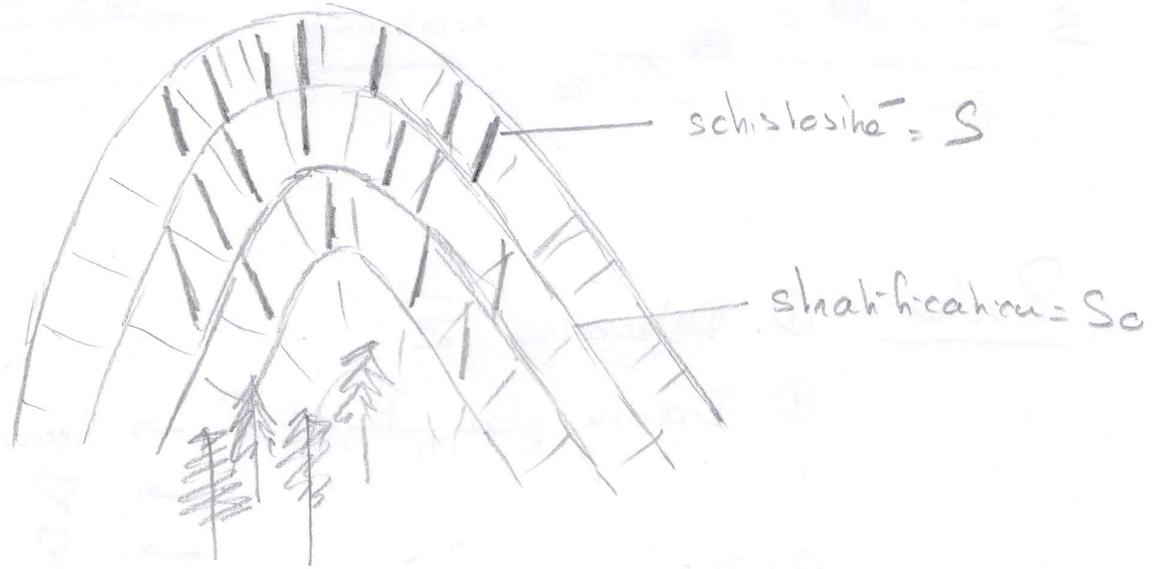
3^e exemple

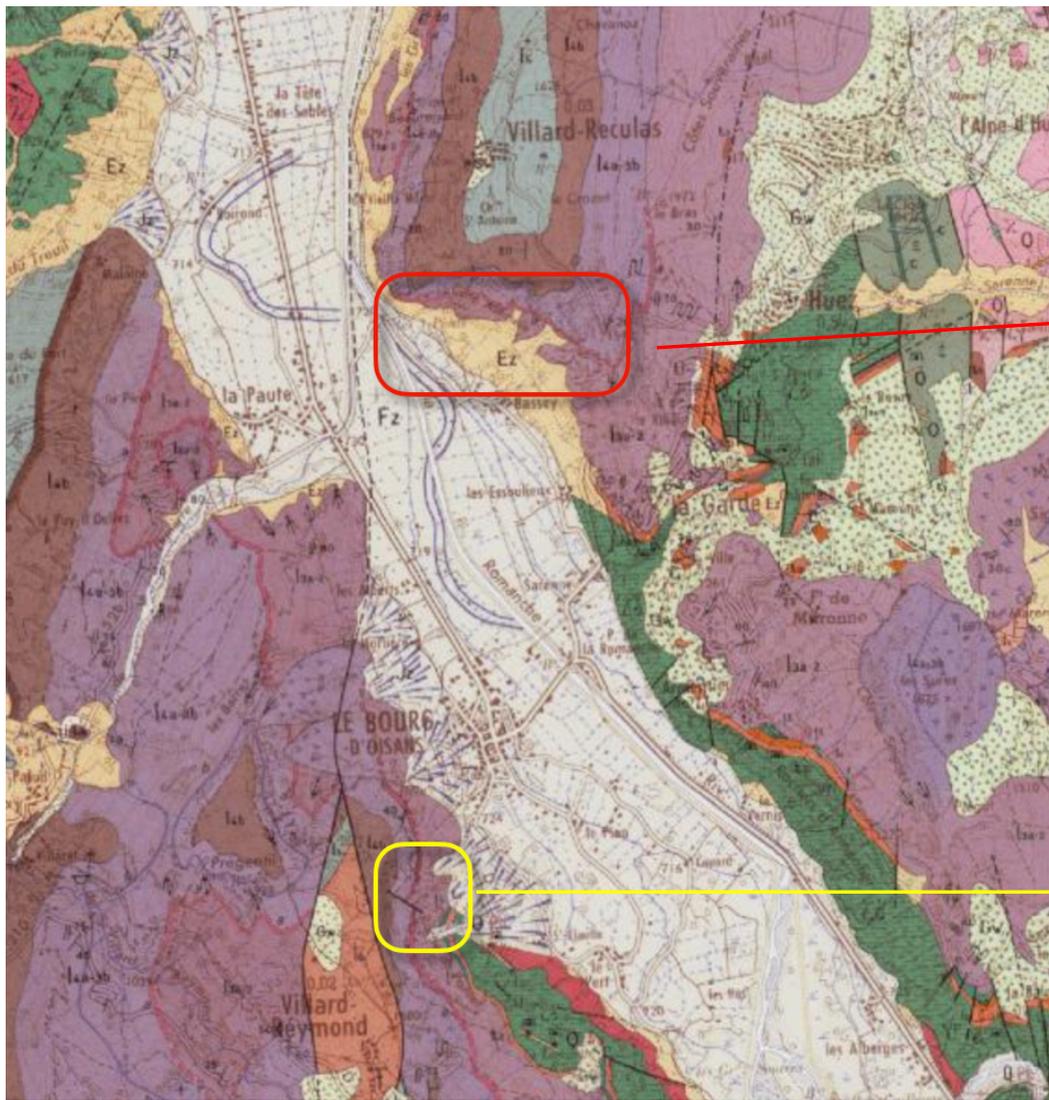
schistosité de plan axial

↓ X

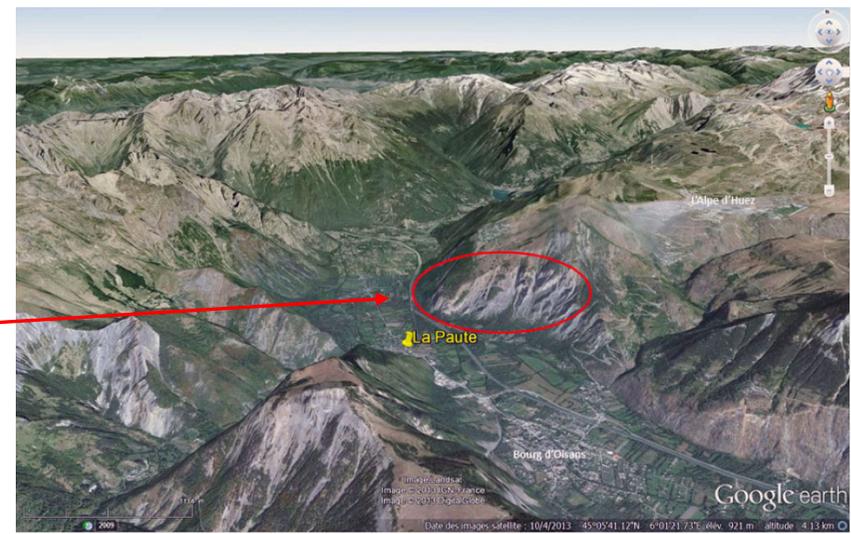
pli { D. continue
raaccourcement

Z →





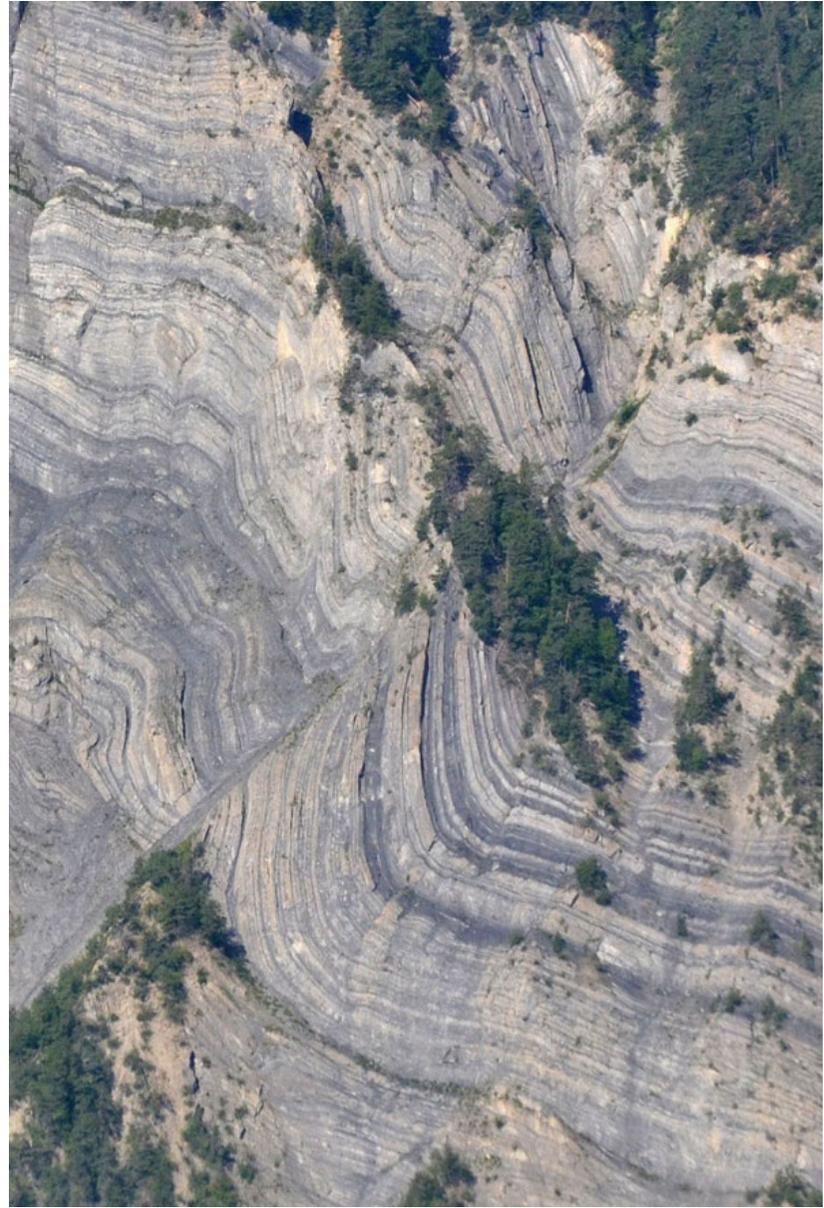
1 km



Photographie : Pierre Thomas



Photographie : Pierre Thomas



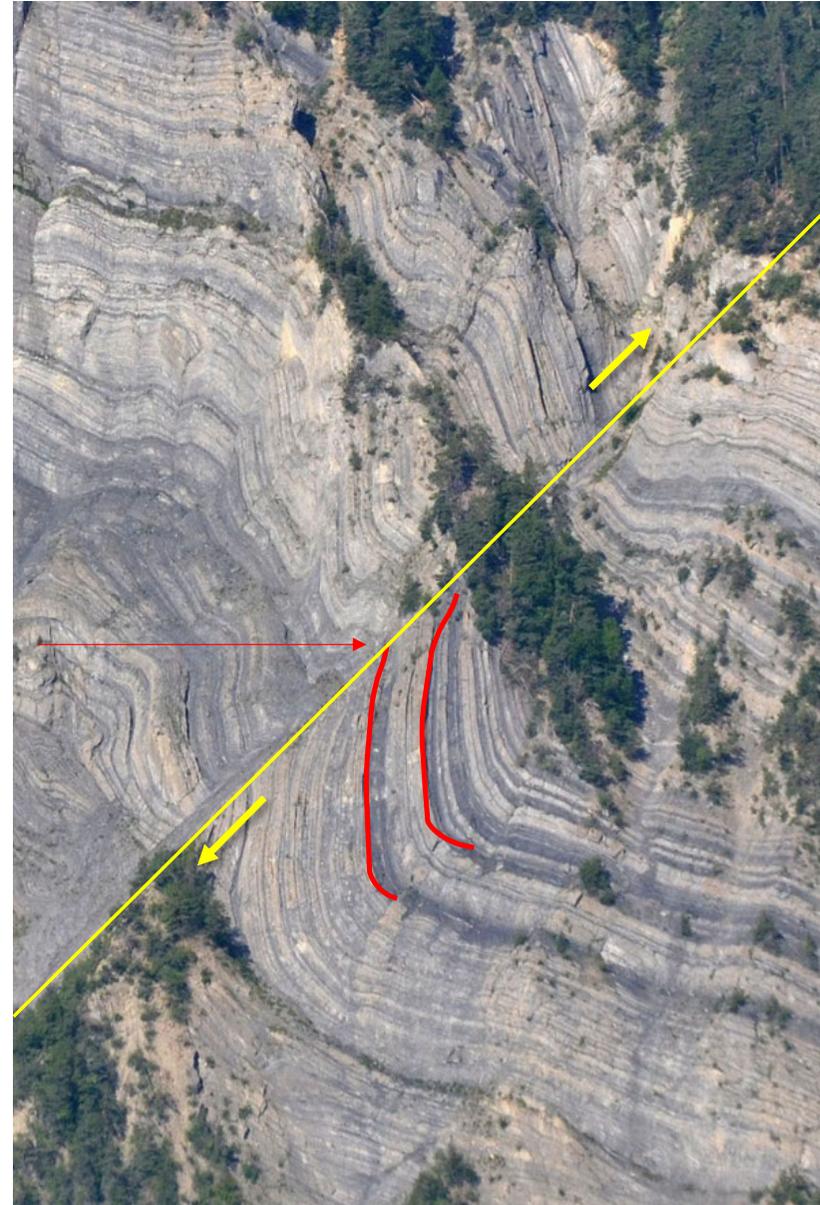
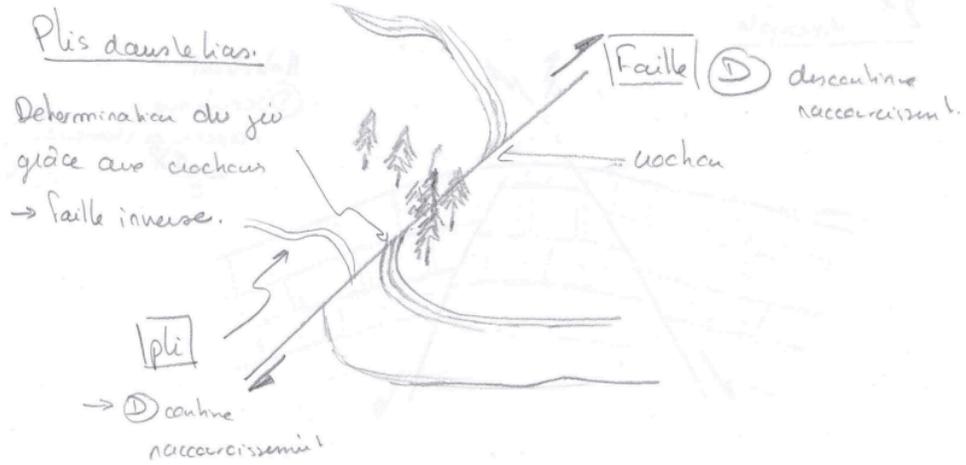
Faille inverse :

Déformation discontinue

Raccourcissement

Z horizontal, X vertical

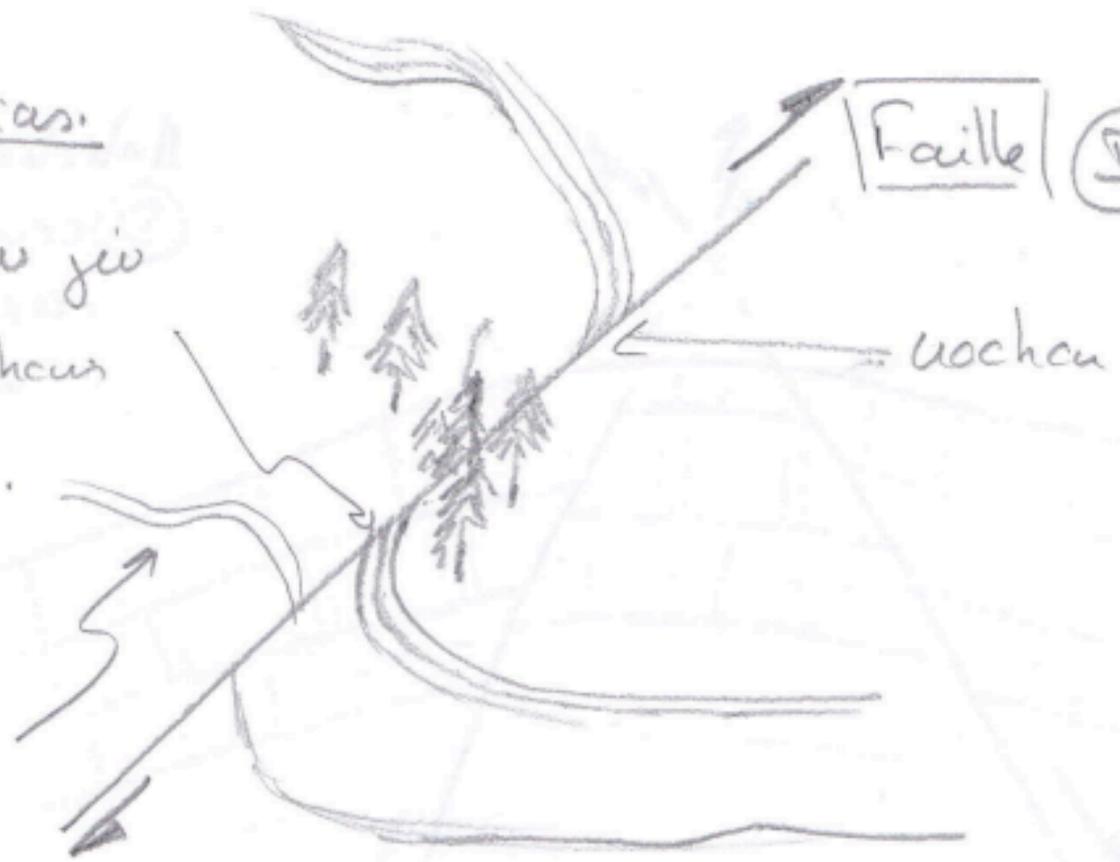
Crochons de faille



Plis dans le lias.

Determination du jeu
grâce aux crochets
→ faille inverse.

pli
→ (D) couche
raccourcissement



Faille

(D)

discontinuité
raccourcissement

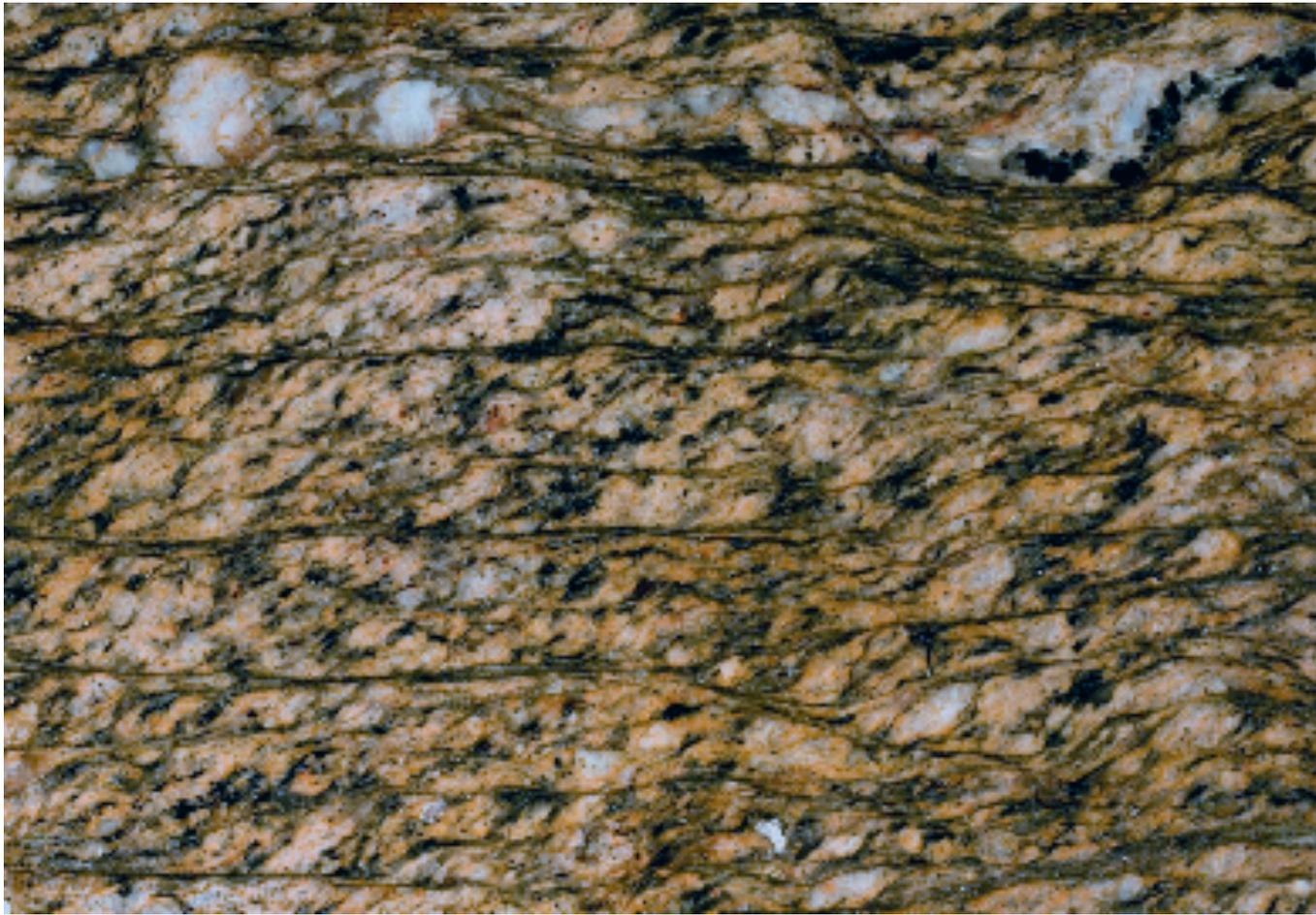
wochen

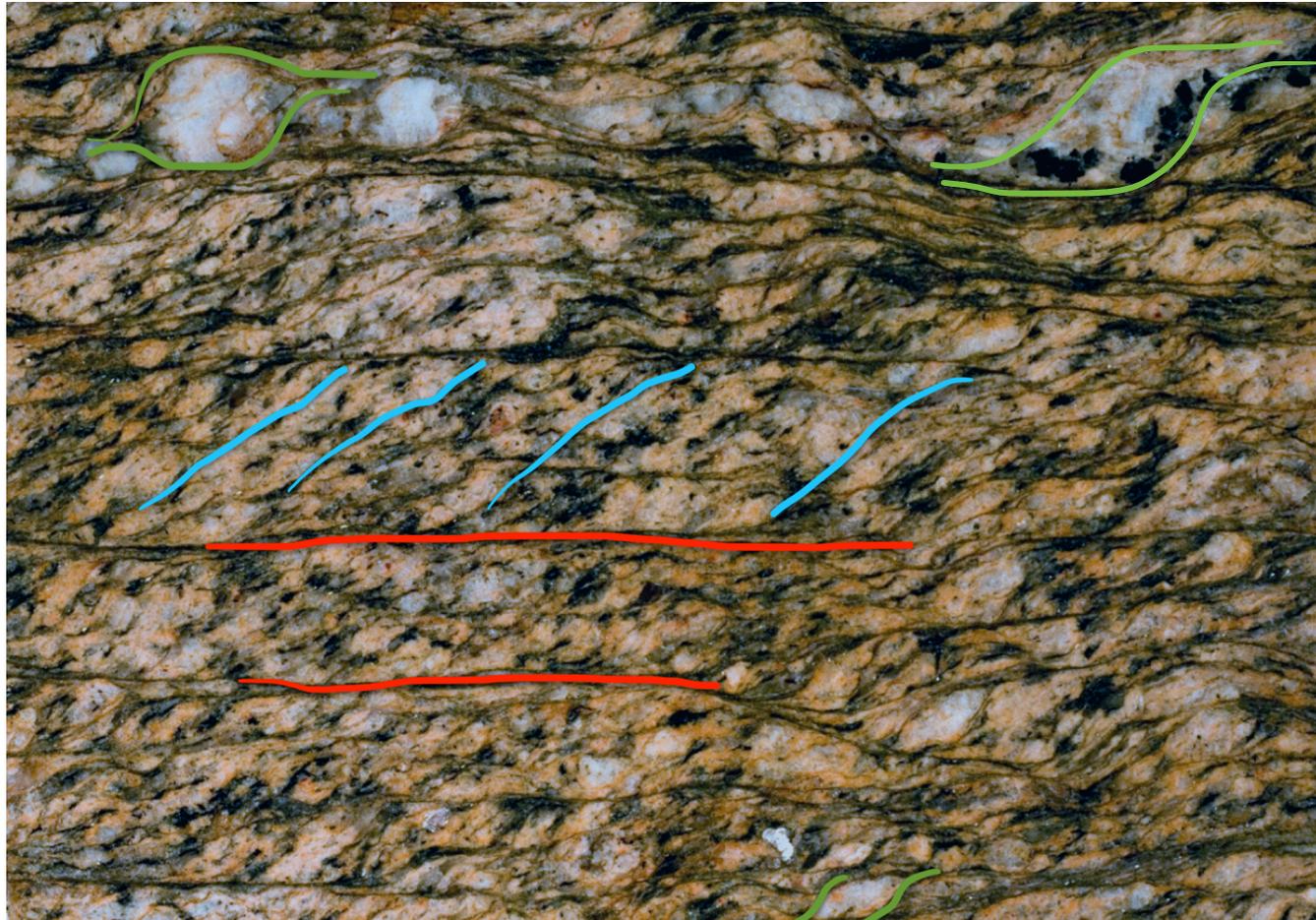
pli

→

(D) couche

raccourcissement



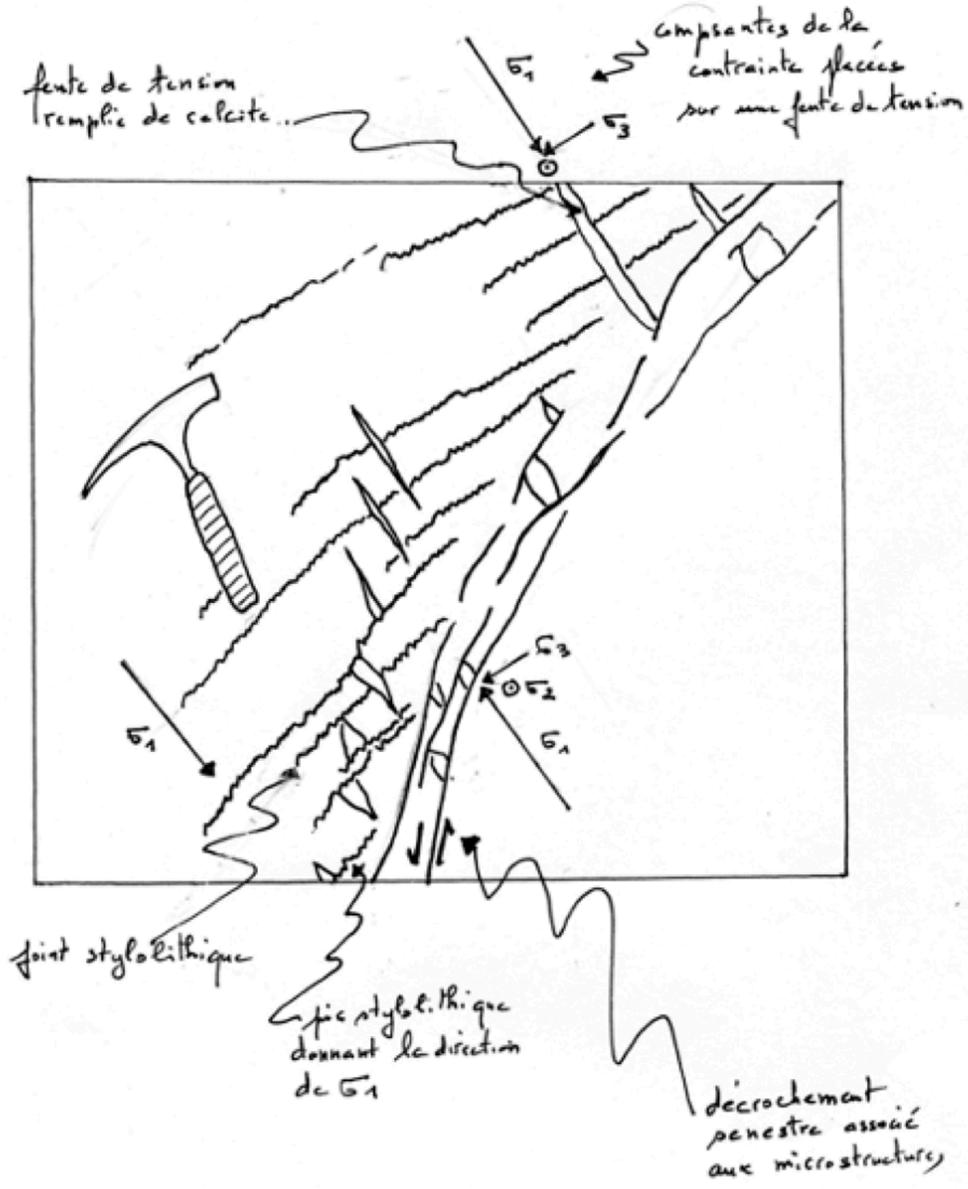


œil asymétrique

Foliation / schistosité

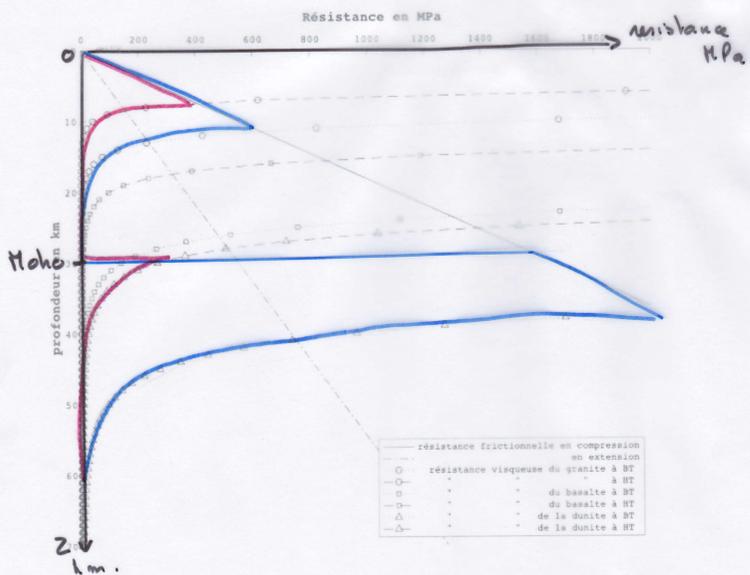
Bande de cisaillement C





Document 7 : loi de Byerlee et lois de fluage

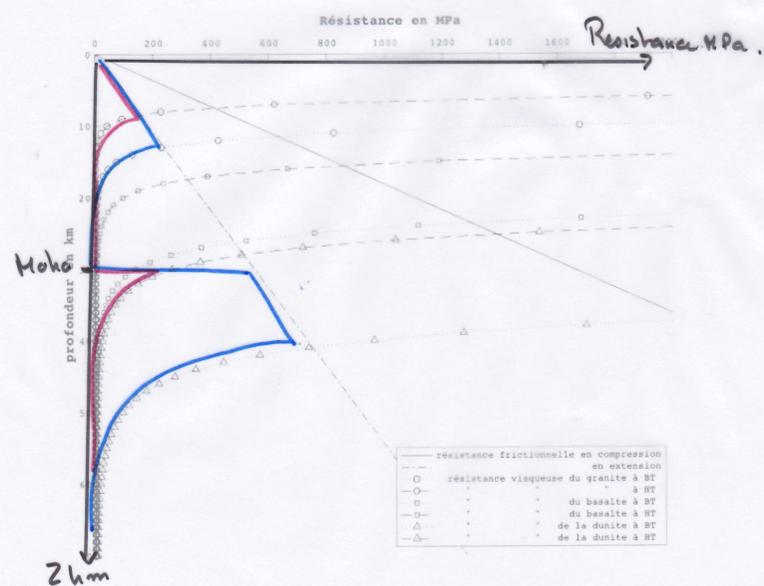
Lithosphère continentale compression



Moho { EC BT
30km EC HT

Document 7 : loi de Byerlee et lois de fluage

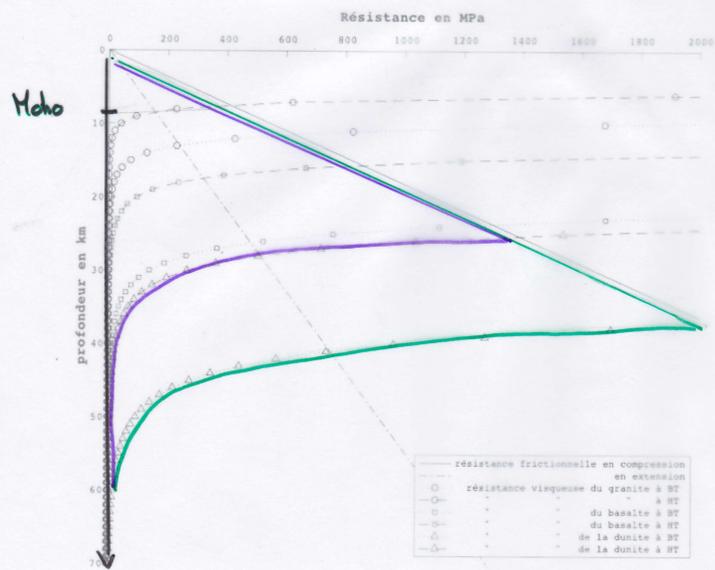
Lithosphère continentale extension



Moho { EC BT
30km EC HT

Document 7 : loi de Byerlee et lois de fluage

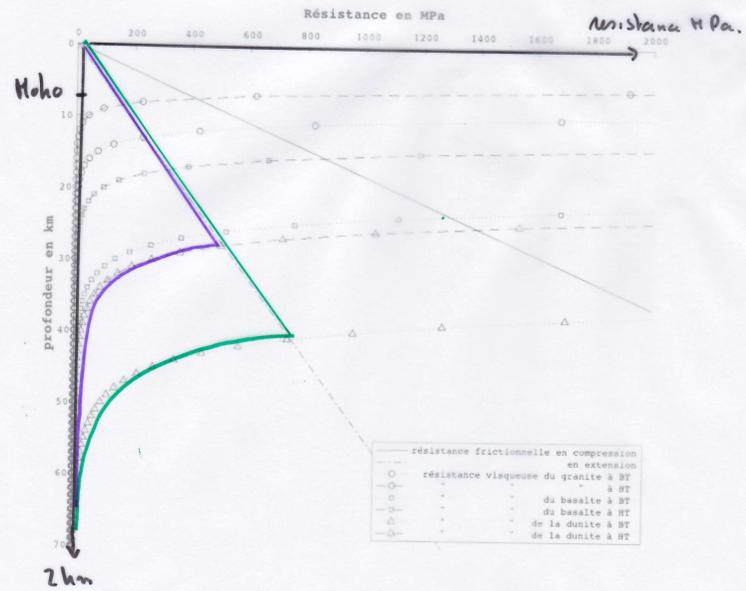
Lithosphère océanique compression



Moho } LO BT
 7km } LO HT

Document 7 : loi de Byerlee et lois de fluage

Lithosphère océanique extension



Moho } LO BT
 7km } LO HT

