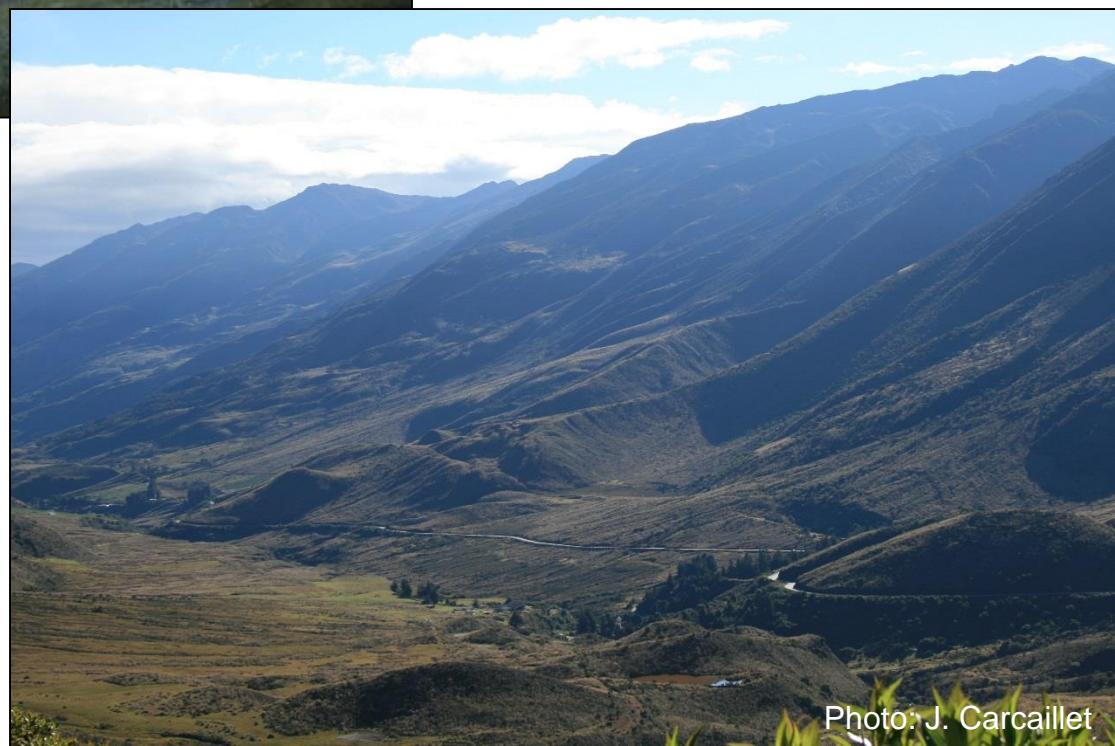


Dépôts glaciaires

Moraines de fond, latérales et frontales



- Pas de morphologies planes
- Pas ou peu de stratification
- Aucun tri granulométrique
- Clastes anguleux/émoussés, en forme de « fer à repasser », parfois rayés





















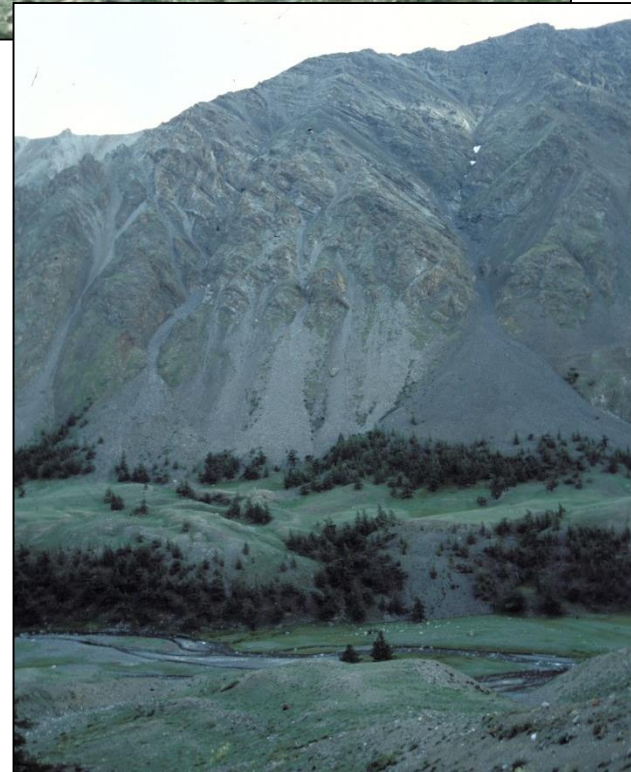
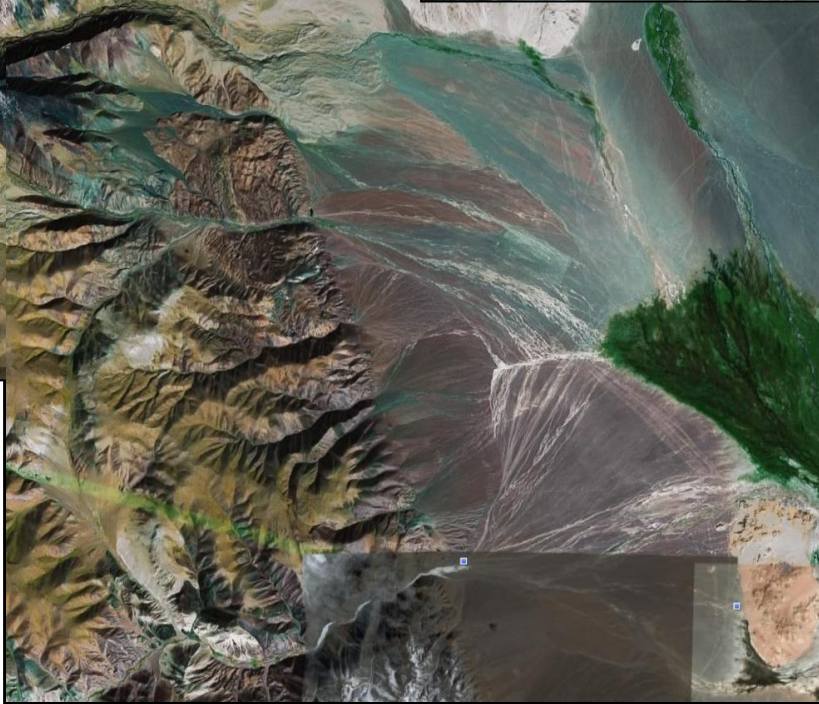
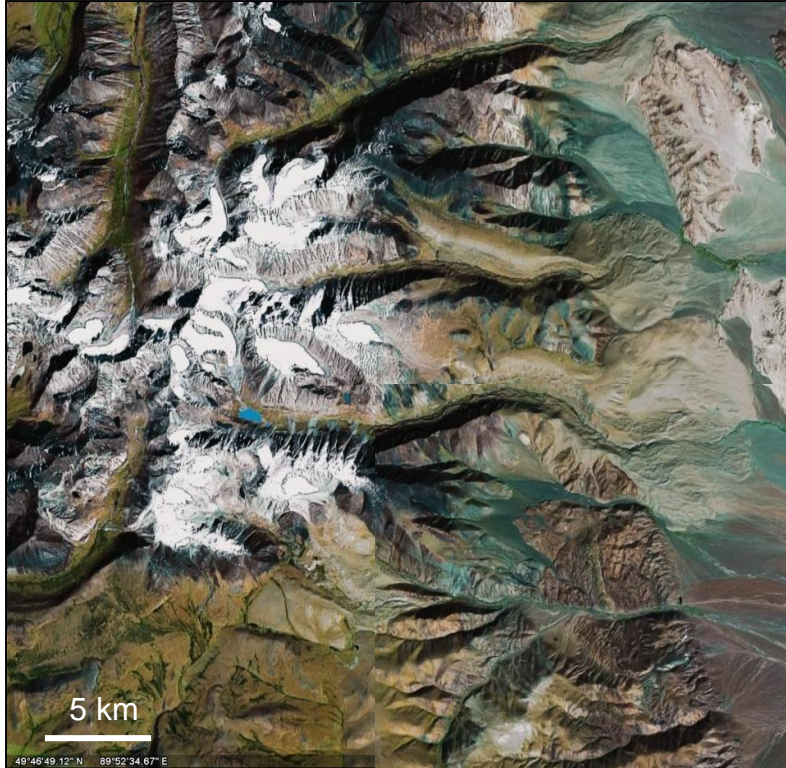
J. Parker



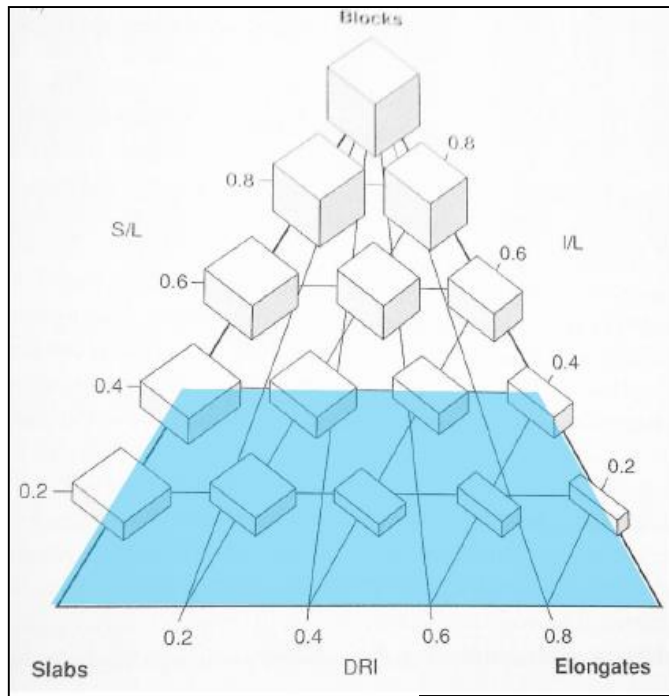
M. Hambrey







Glaciaire vs fluviatile : Morphologies des sédiments



Forme de la + petite « boîte » qui contient le galet

Dimensions donnés par 3 axes:

S = Short

I = Intermediate

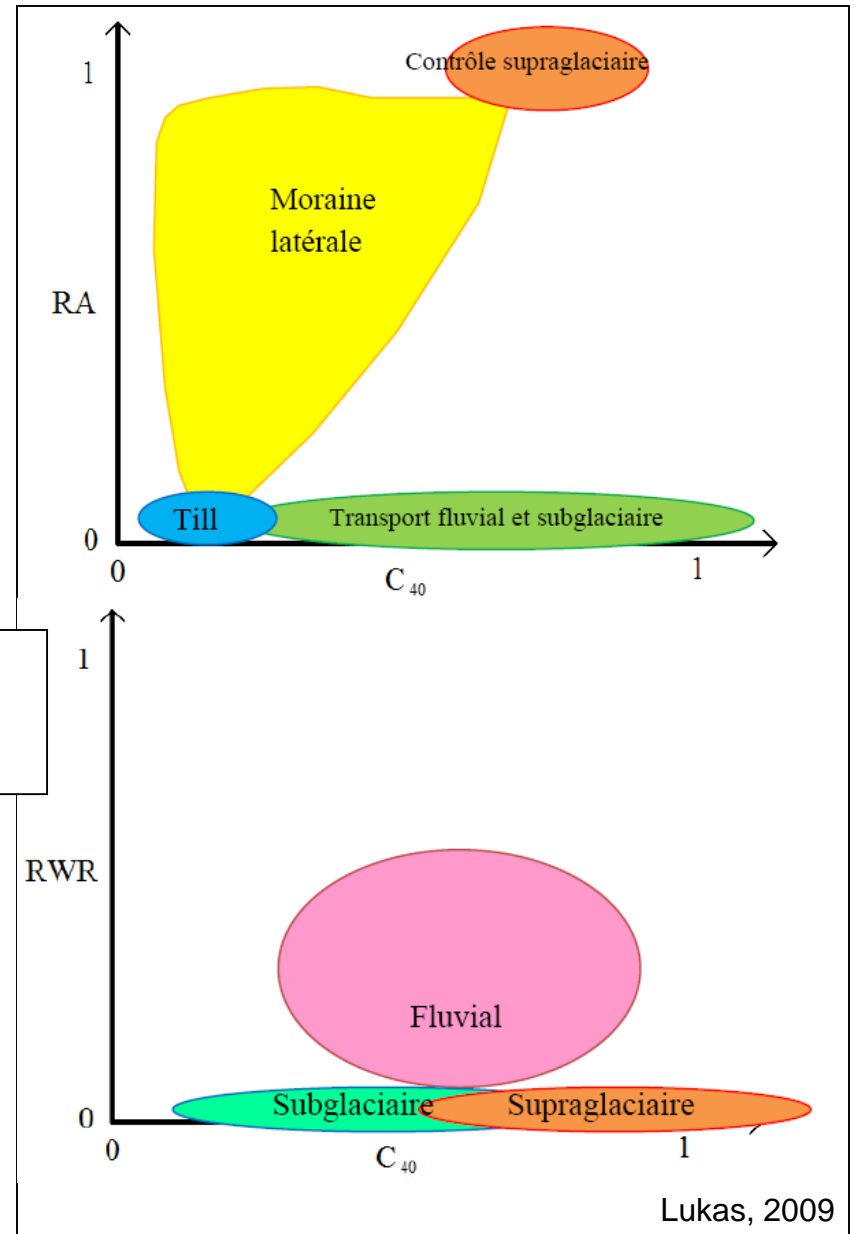
L = Long

C_{40} = % galets avec $S/L < 0,4$

Class	Description
Very Angular (VA)	Edges and faces unworn ; sharp, delicate protuberances
Angular (A)	Edges and faces unworn
Sub Angular (SA)	Faces unworn, edges worn
Sub Rounded (SR)	Edges and faces worn but clearly distinguishable
Rounded (R)	Edges and faces worn and barely distinguishable
Well Rounded (WR)	No edges or faces distinguishable

$$RA = VA + A$$

$$RWR = R + WR$$



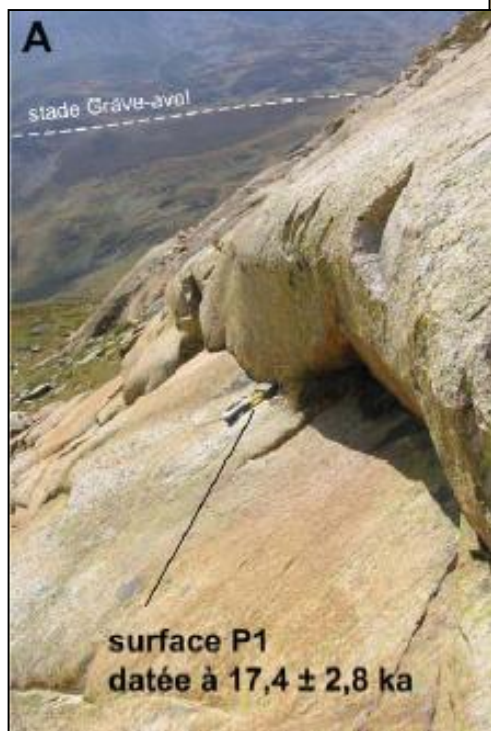
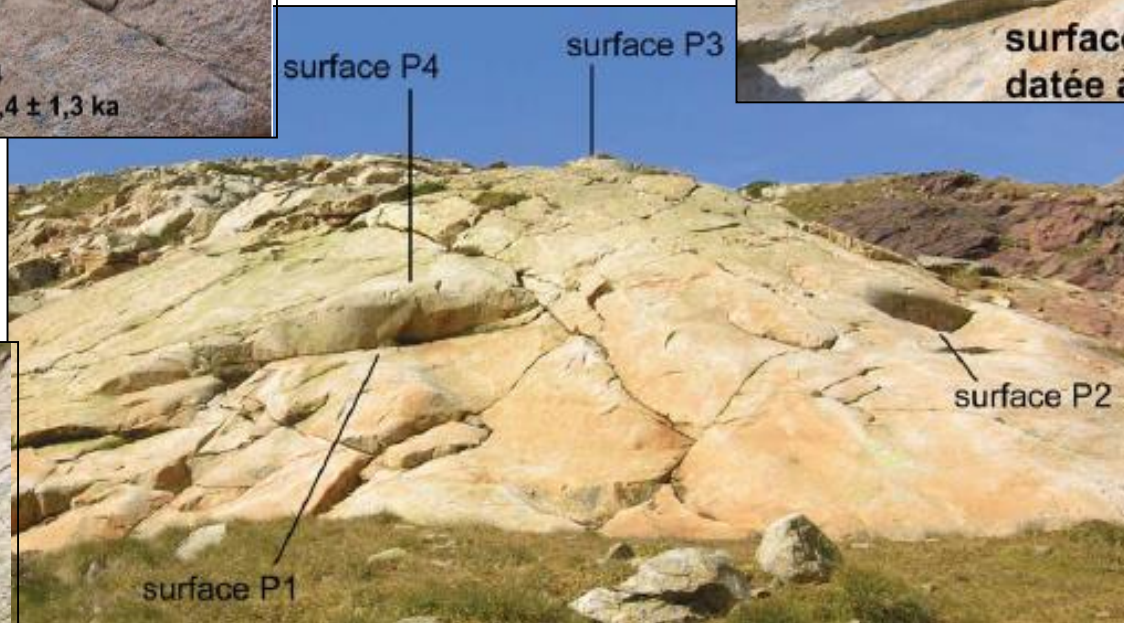
Lukas, 2009



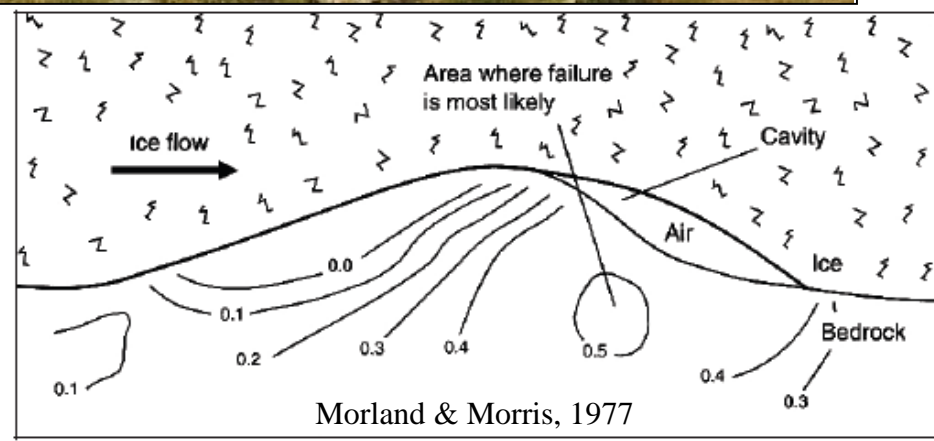


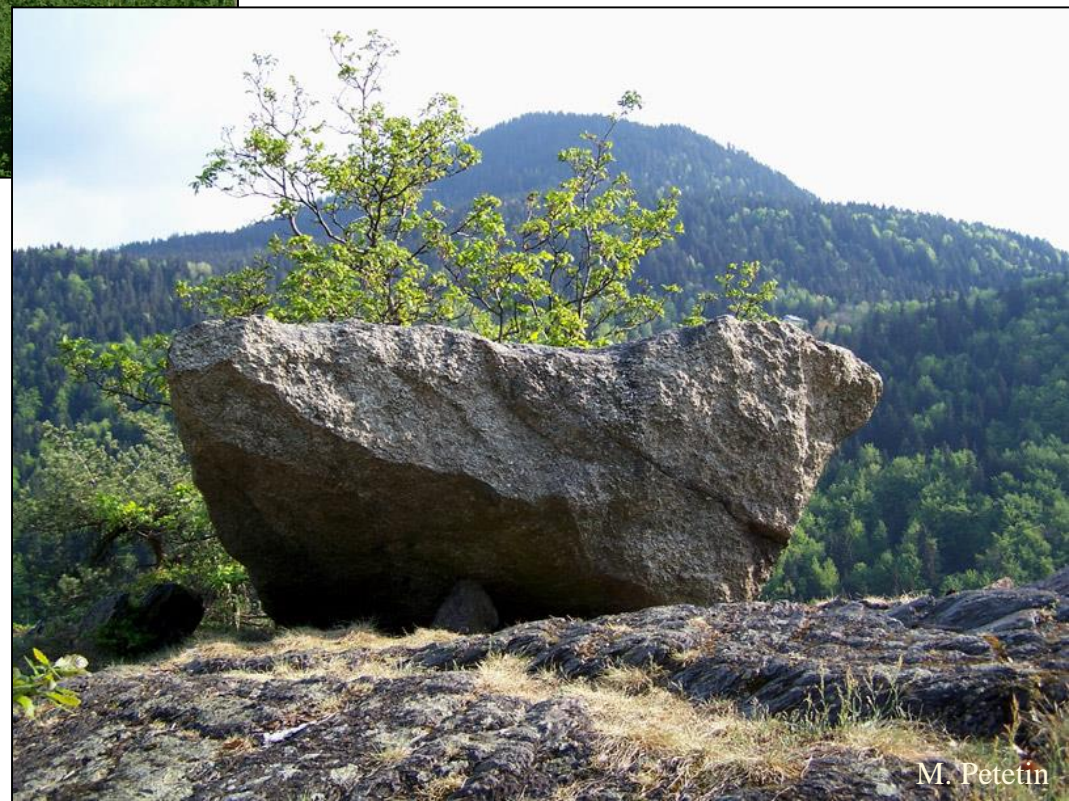




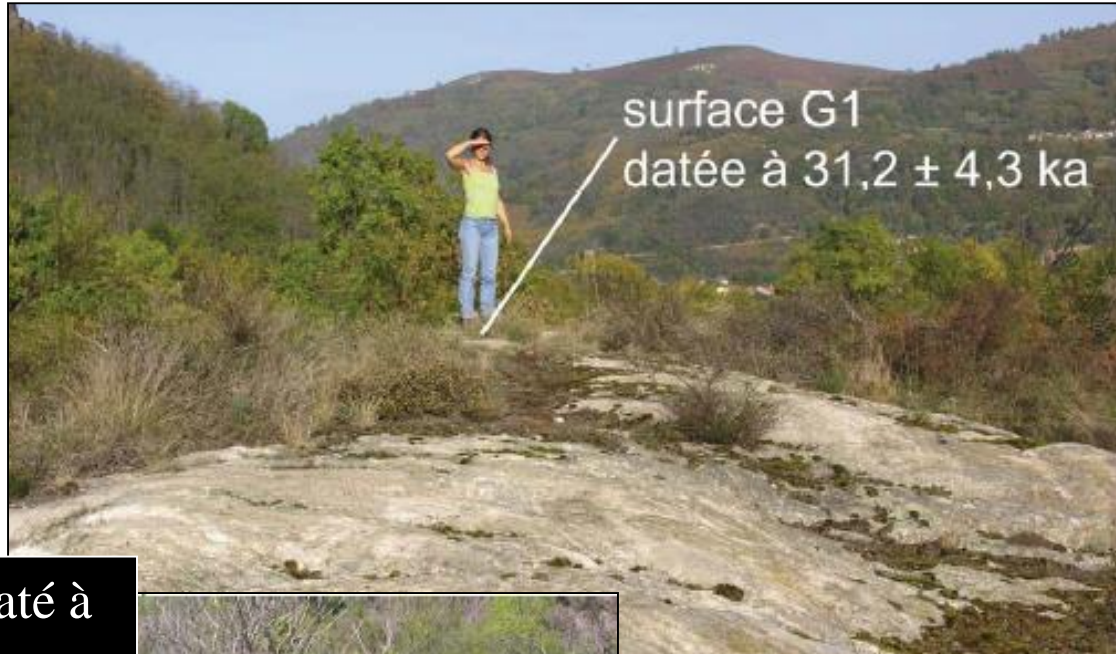


Delmas, 2009





Age blocs/polis dans les Pyrénées

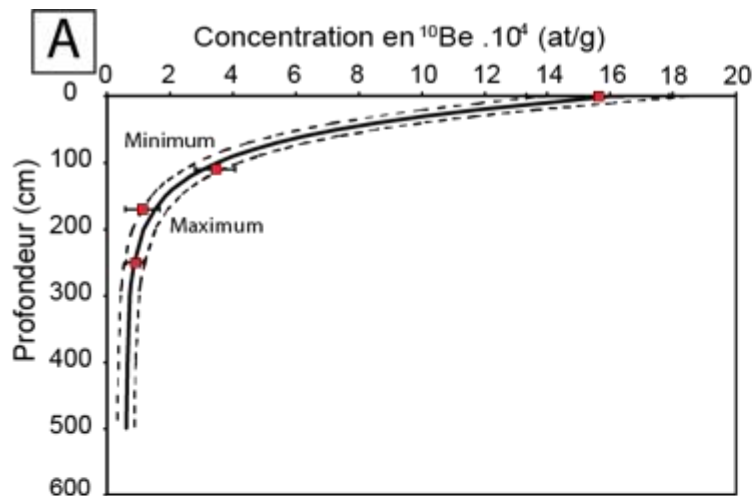


Delmas, 2009

Bloc erratique daté à
 $16,7 \pm 1,1$ ka



Age blocs/polis dans les Alpes



Poli : 10.8 ± 1.5 ka

5 : 14.8 ± 0.9 ka

7 : 13.9 ± 0.4 ka

8 : 13.8 ± 0.7 ka

9 : 12.3 ± 0.8 ka



Prud'homme et al., 2013

➔ Âges des blocs > Âge du poli



Image © 2012 GeoEye
Image © 2012 IGN-France
© 2012 OneS Spot Image
Image © 2012 GeoContent

Imagery Date: 2006

45°33'03.12" N 6°09'47.60" E elev: 284 m



Image © 2012 GeoEye
Image © 2012 IGN-France
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Image © 2012 GeoEye

2006

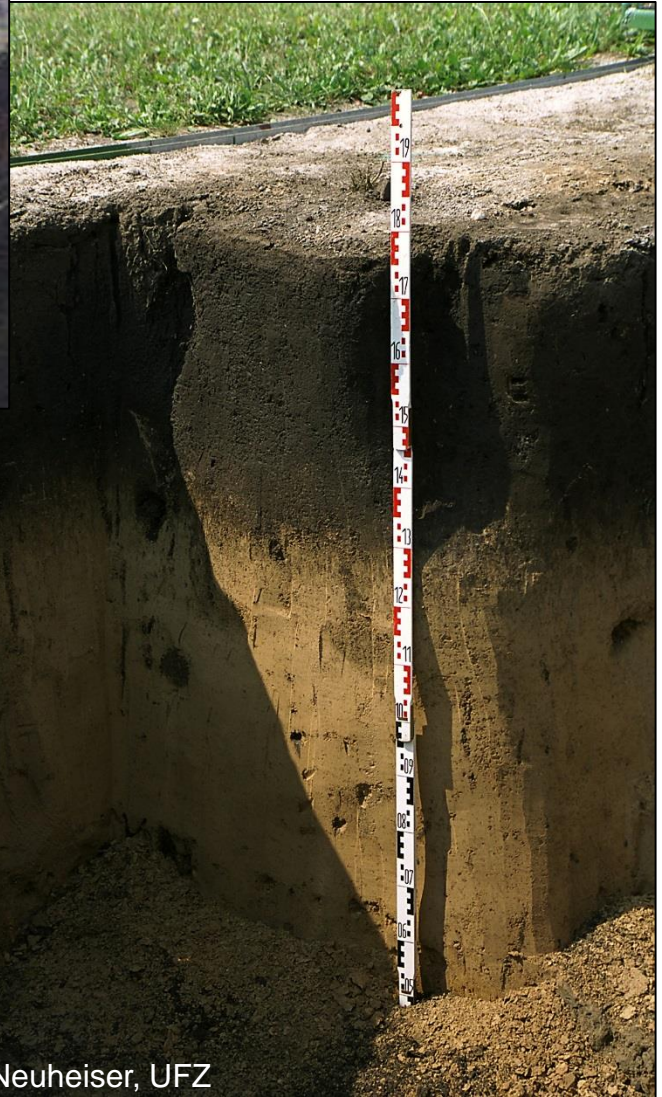
45°33'03.12" N 6°09'47.60" E elev: 284 m

Google earth

EyeAlt: 3.67 km



D. D. Rousseau



N. Neuheiser, UFZ

