

Rheological-layered basin under strike-slip deformation: analogue approach at crustal scale

O. Dauteuil^{1*}, C. Homberg², M. Rocher³, M. Amarouche², J.J. Kermarrec¹, Y. Jegat¹

¹ UMR 6118, Géosciences Rennes, CNRS, University of Rennes, 35042 Rennes, France

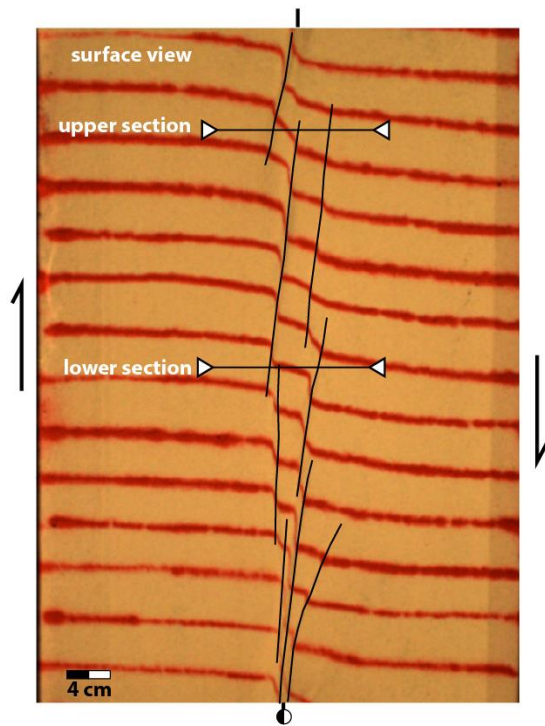
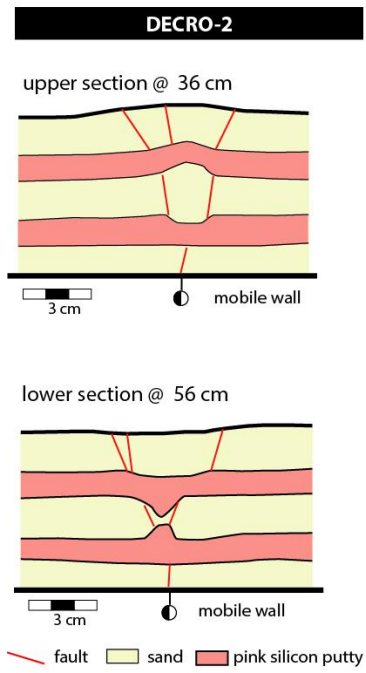
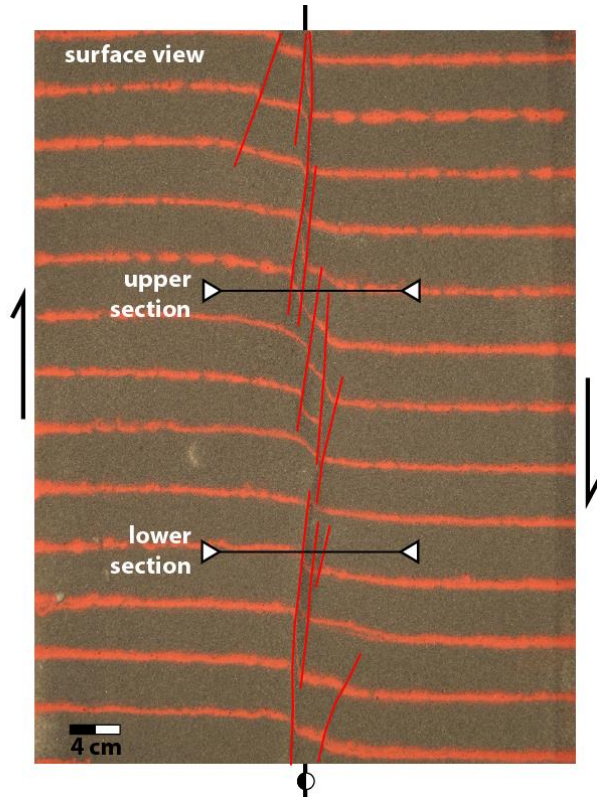
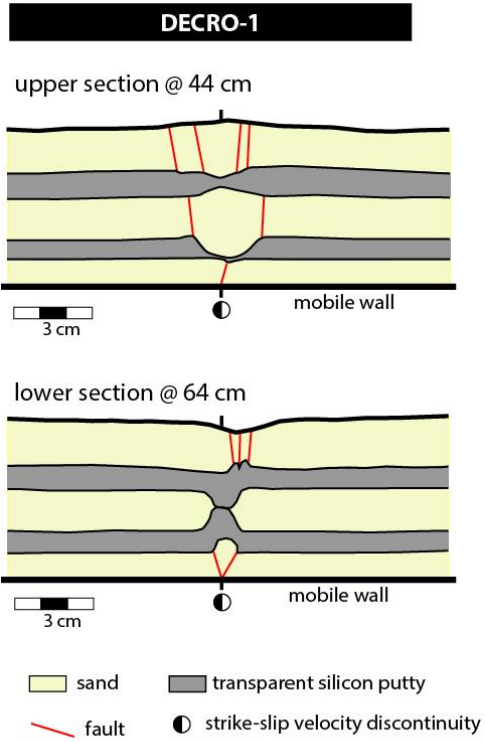
² UMR-CNRS 7193, Institut des Sciences de la Terre de Paris, Sorbonne Université, 75005 Paris, France

³ IRSN, Service des déchets radioactifs et des transferts dans la géosphère, 92260 Fontenay-aux-Roses, France

Corresponding author:

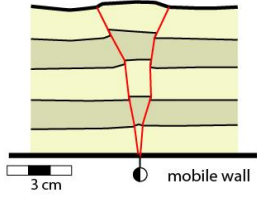
*O. Dauteuil: olivier.dauteuil@univ-rennes1.fr – tel: +33 223 236 968

Keywords: rheological layering, strike-slip, thinning, thickening, boudinage, faulting pattern.

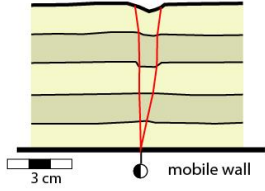


DECRO-3

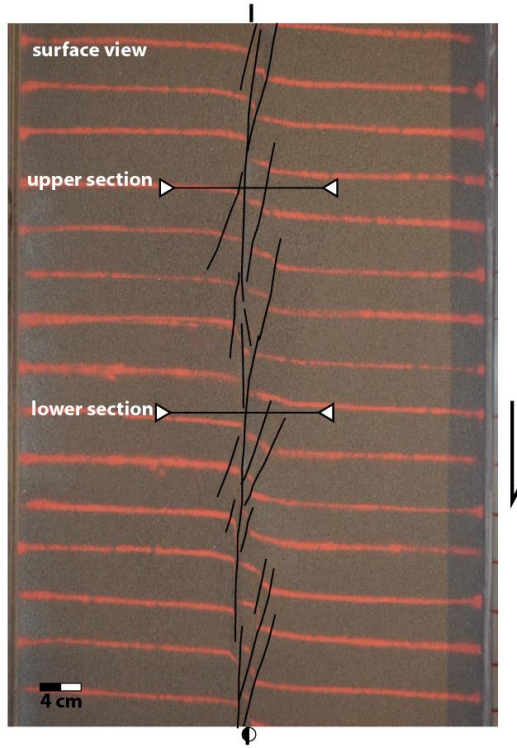
upper section @ 68 cm



lower section @ 54 cm

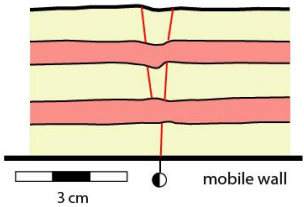


— fault sand glass microbeads

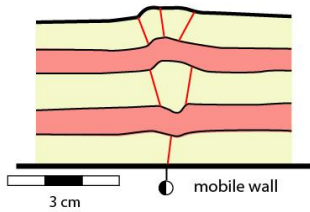


DECRO-4

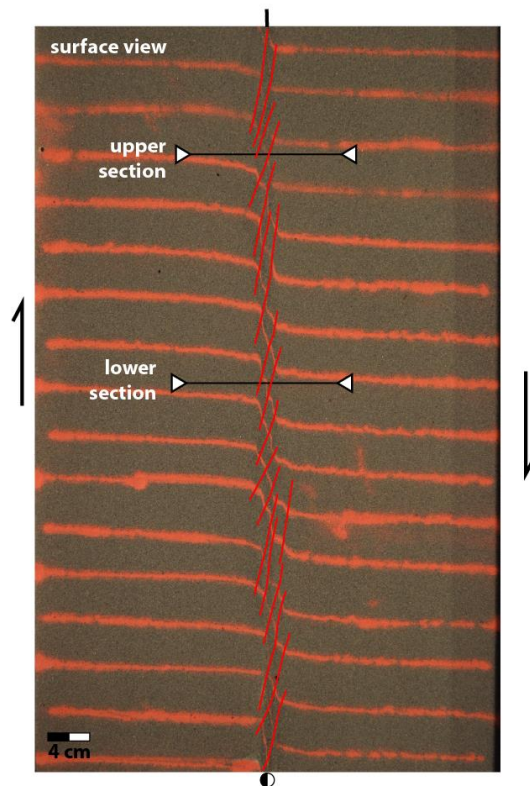
upper section @ 50 cm



lower section @ 64 cm

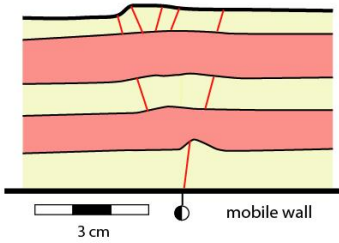


— fault sand pink silicon putty

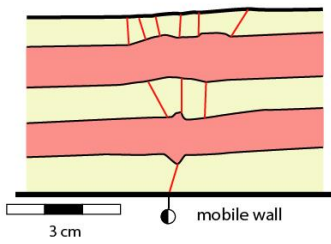


DECRO-5

upper section @ 66 cm



lower section @ 32 cm



— fault sand pink silicon putty

