

Géologie

II Les roches

- ▣ C Les roches
exogènes

MILLET Jean-Jacques

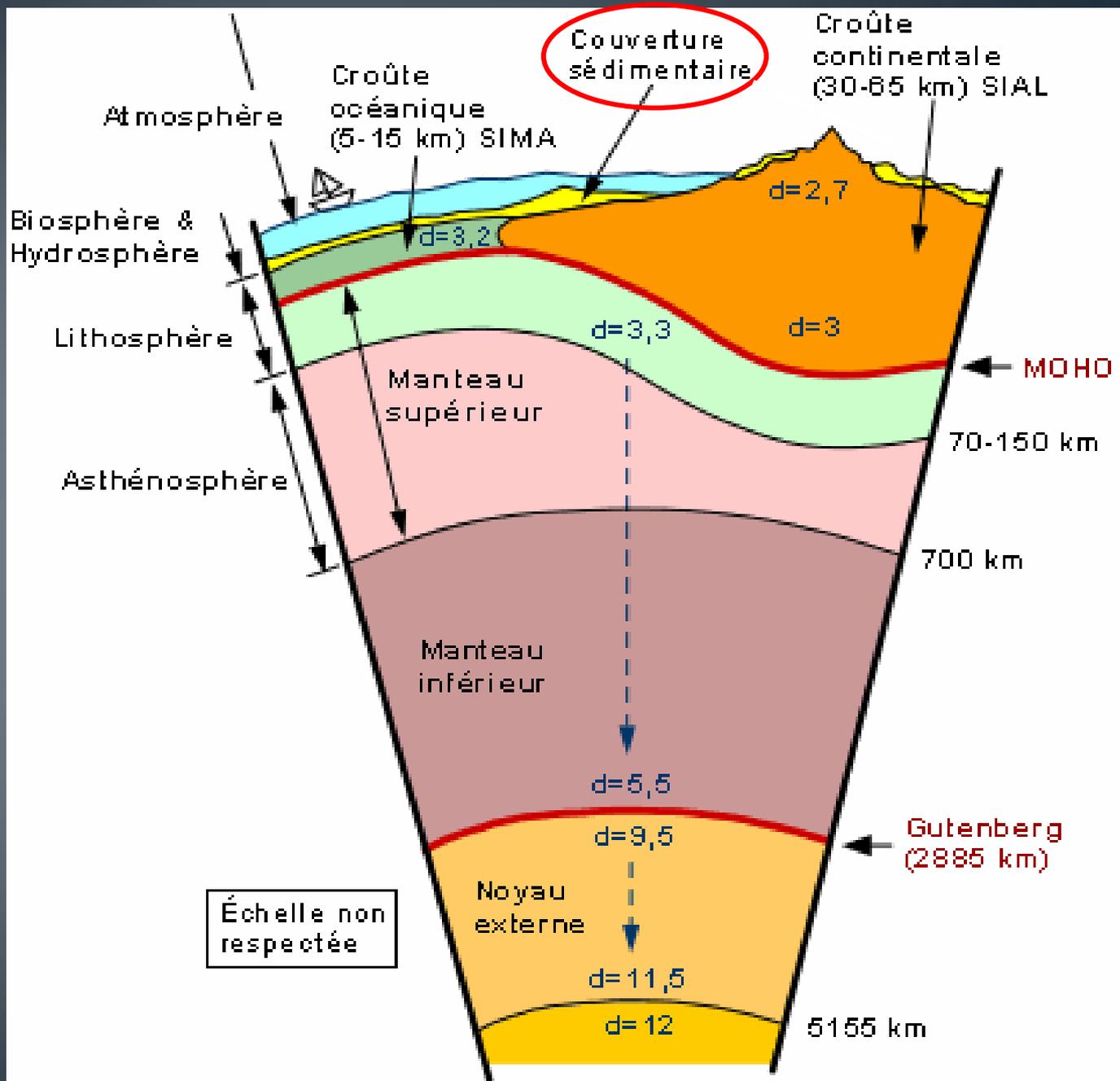
Volume horaire : Cours 6 heures

TP 2*3 heures

The background of the slide features a pattern of thin, vertical, light blue lines of varying lengths and positions, creating a textured, rain-like effect. A solid teal horizontal bar spans the width of the slide, positioned below the patterned area. The text is centered within this teal bar.

Pétrographie des roches sédimentaires

Les roches d'origines exogènes et superficielles



Roches d'Origine Sédimentaires et détritiques : Exogène

Roches Sédimentaires Marines



Marne

Roches Sédimentaire Terrigènes

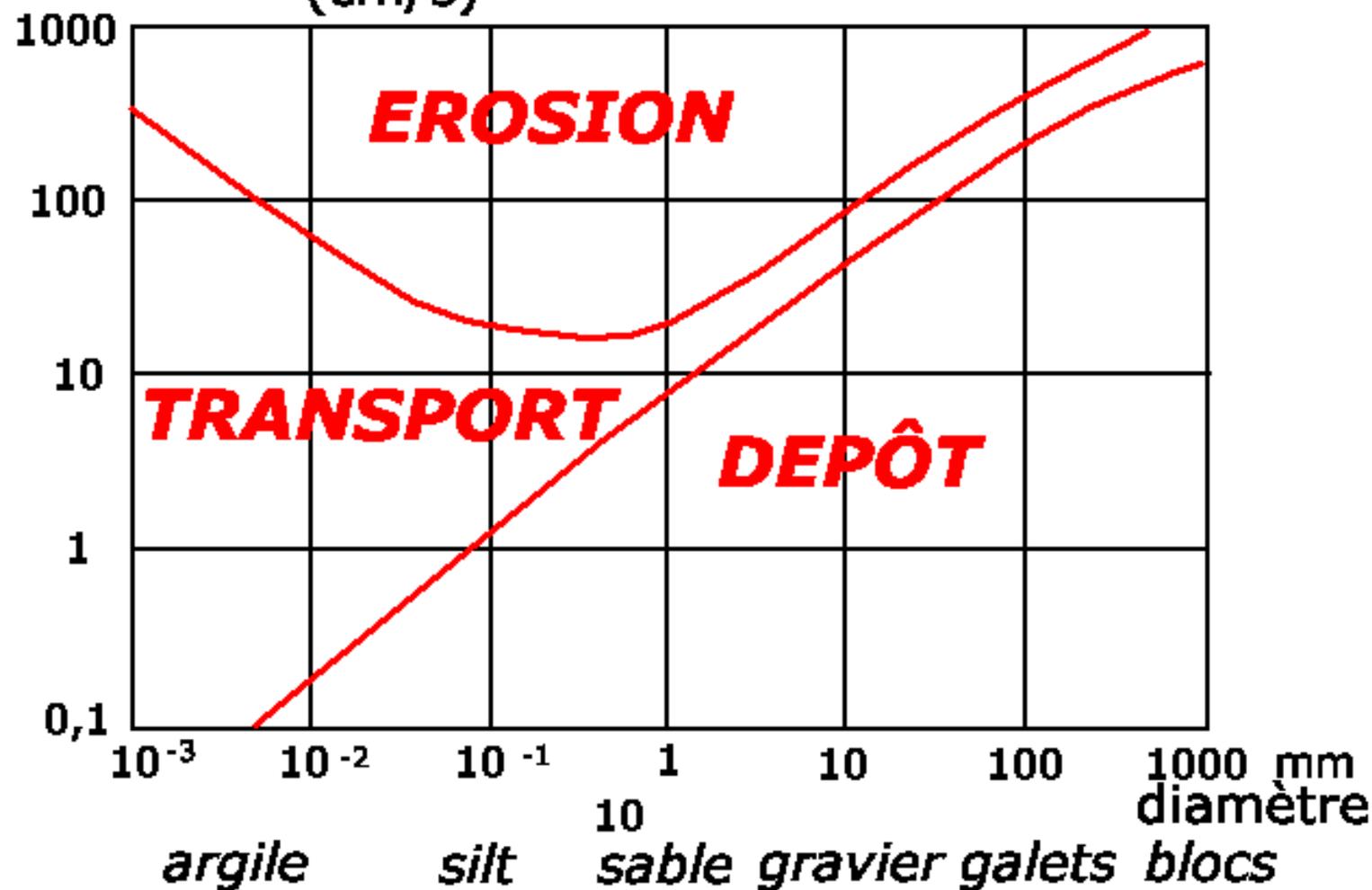


Conglomérat

Agents de transports

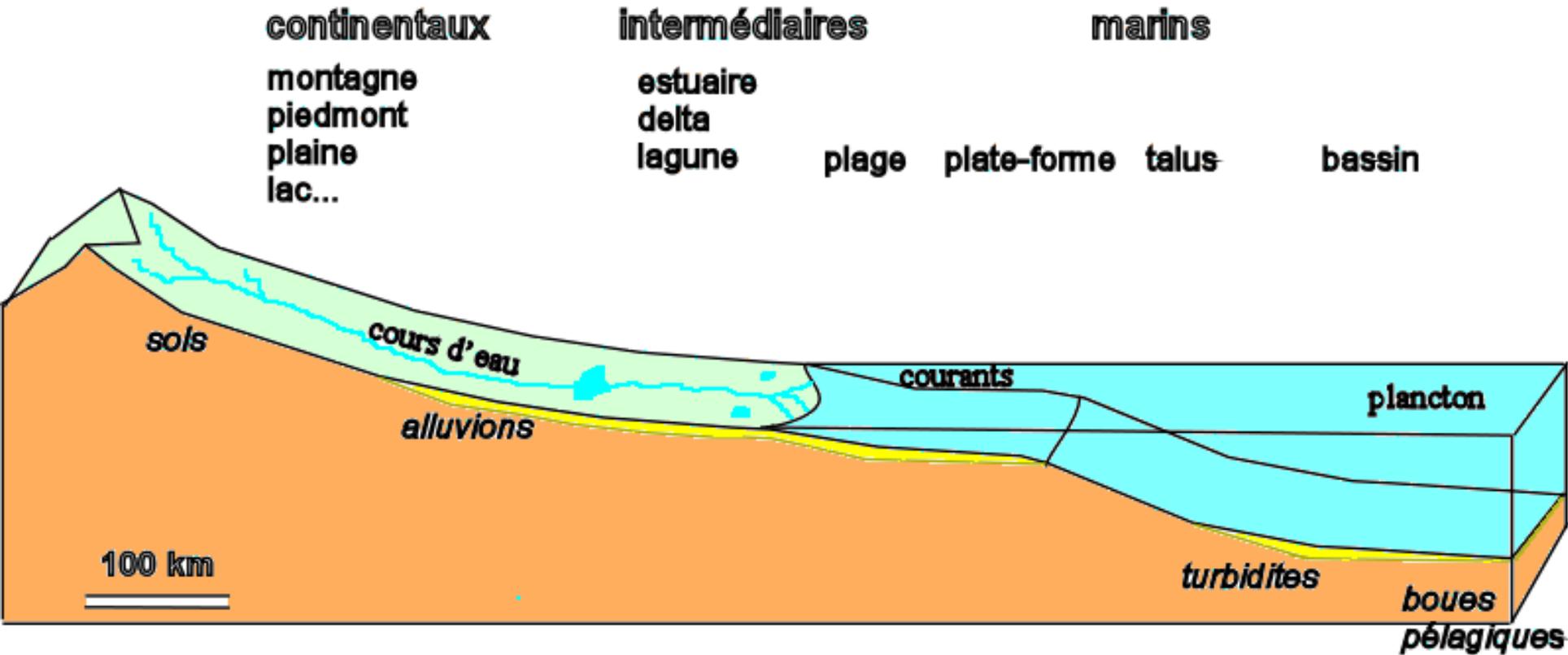
FLUIDE	air		VENT
	eau+charge	suspension diluée	COURANT DE TRACTION
		suspension concentrée	COURANT DE TURBIDITE
SEMI-SOLIDE	charge+eau		COULEE DE DEBRIS
SOLIDE	glace+charge		GLACIER

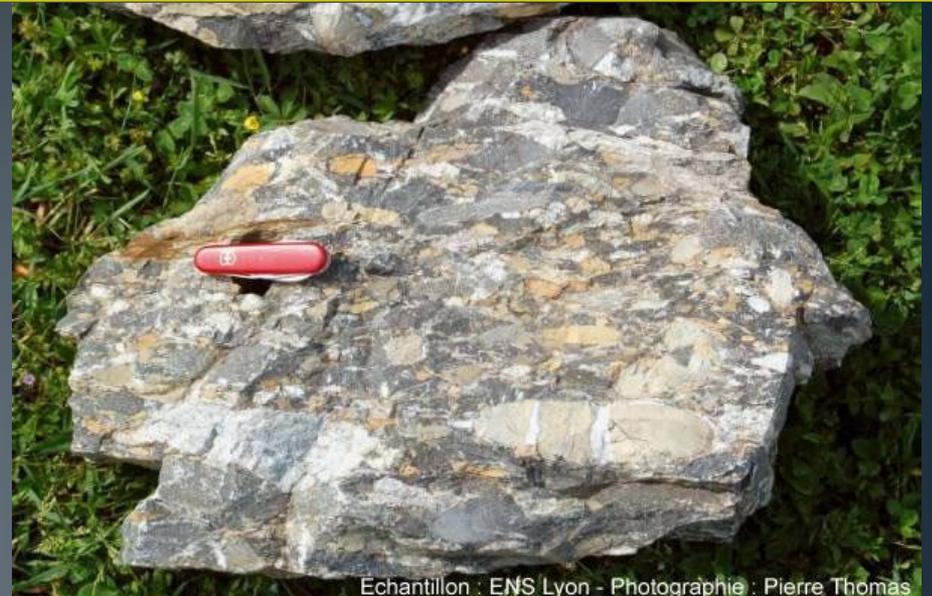
vitesse du courant
(cm/s)



Profil sédimentaire

PRINCIPAUX MILIEUX DE SEDIMENTATION





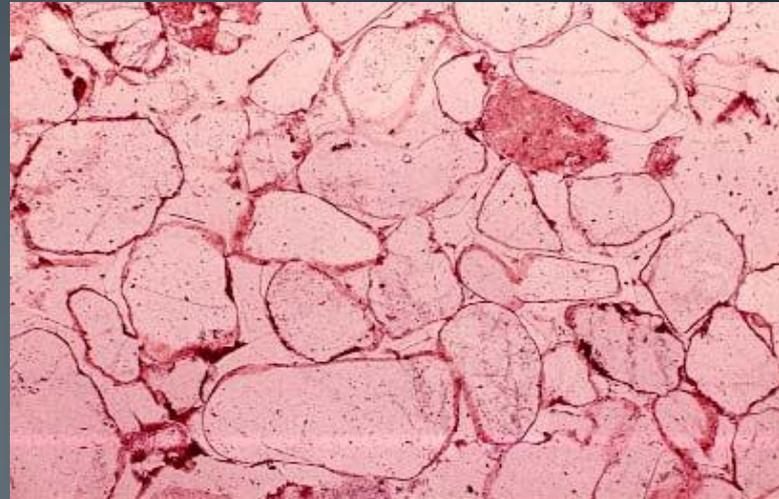
Echantillon : ENS Lyon - Photographie : Pierre Thomas



Conglomérat



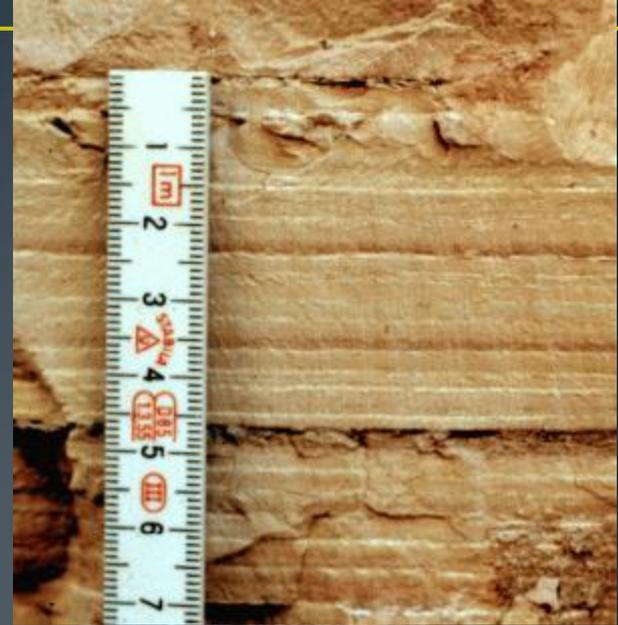
Arénite



Arkose

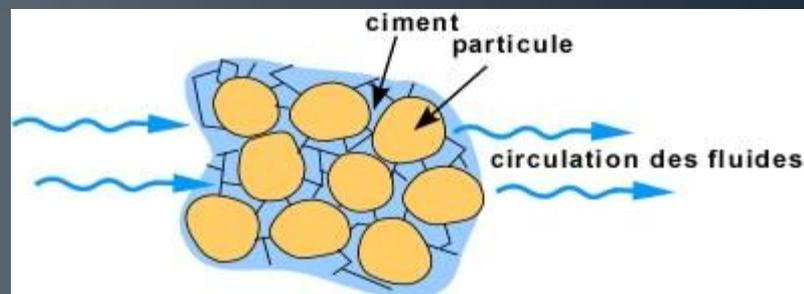
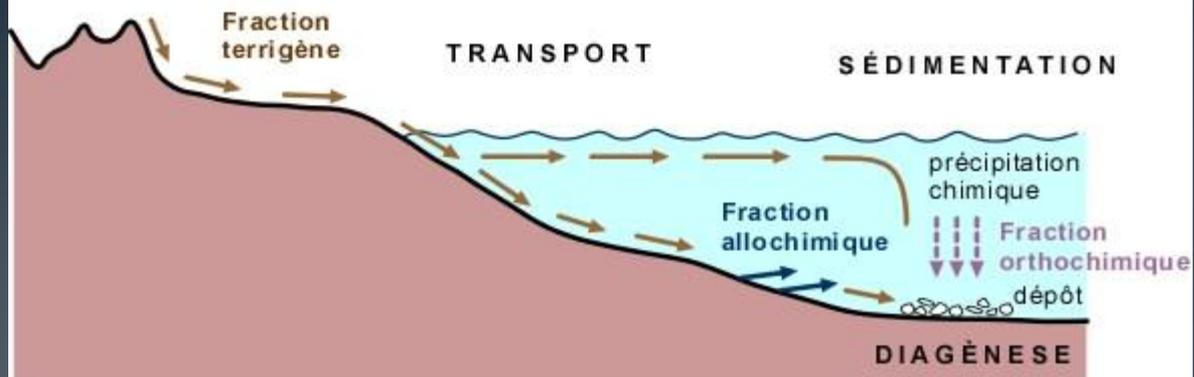


Évaporite

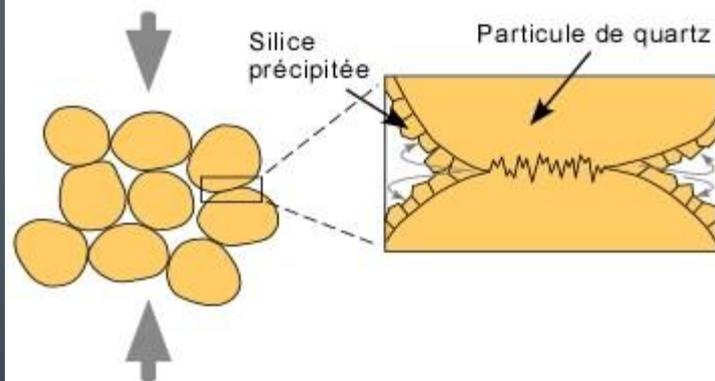


Argilite et varves

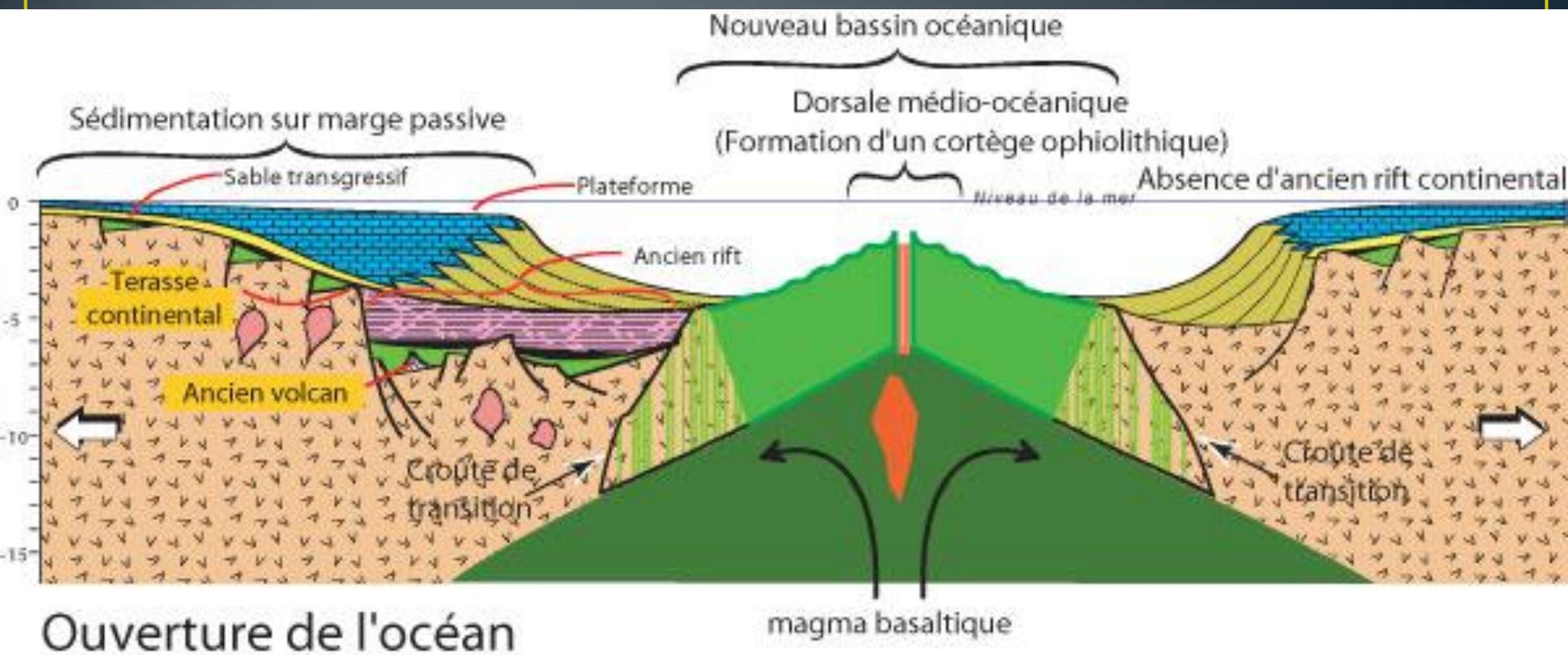
ALTÉRATION DES MATÉRIAUX & ÉROSION



CIMENTATION PRÉ-COMPACTION



COMPACTION ET CIMENTATION



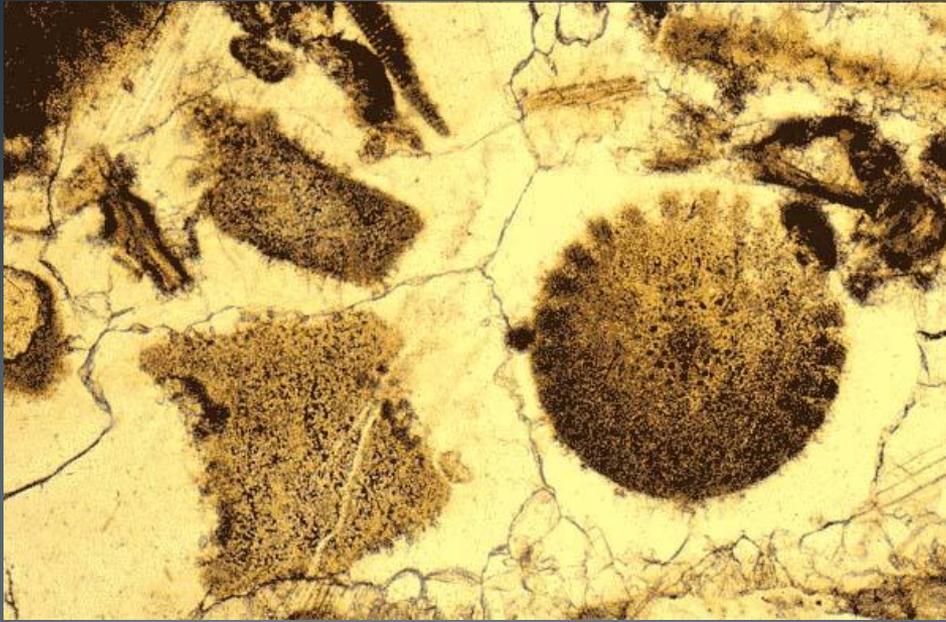


Grauwack

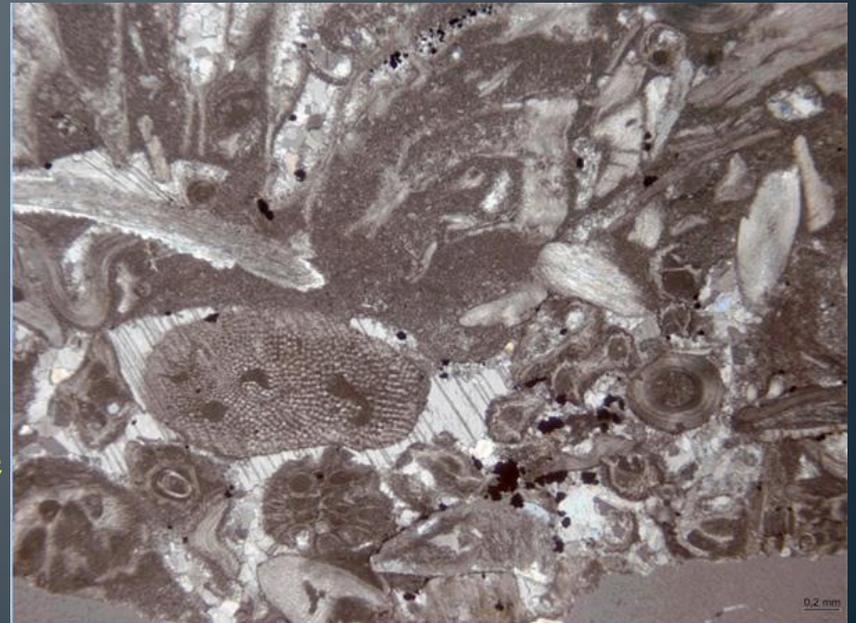


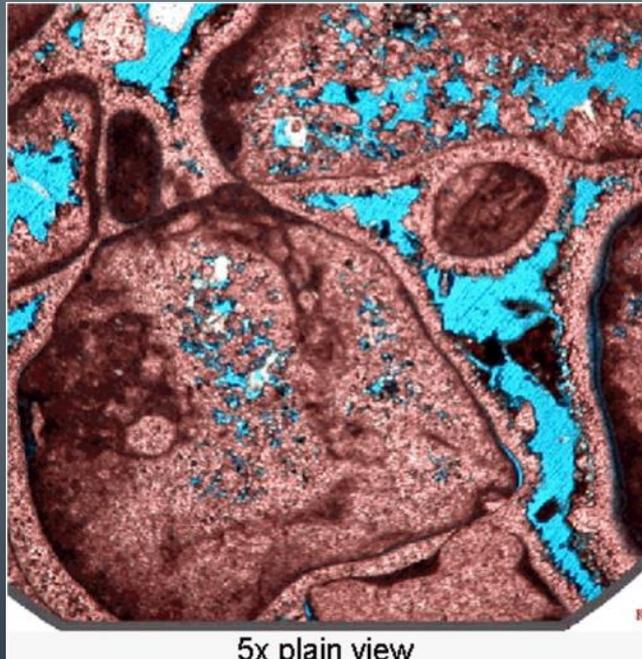
Micrite



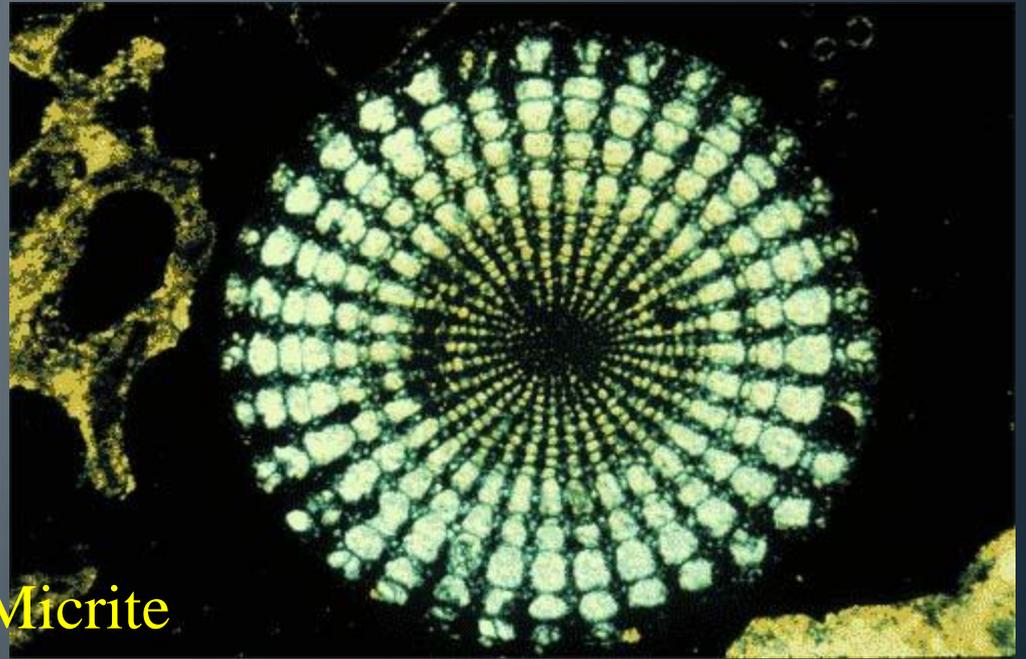


Sparite

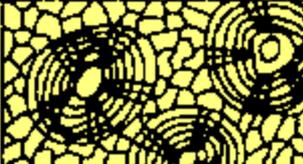
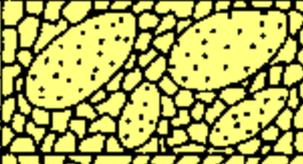
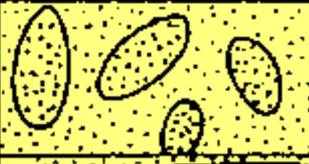




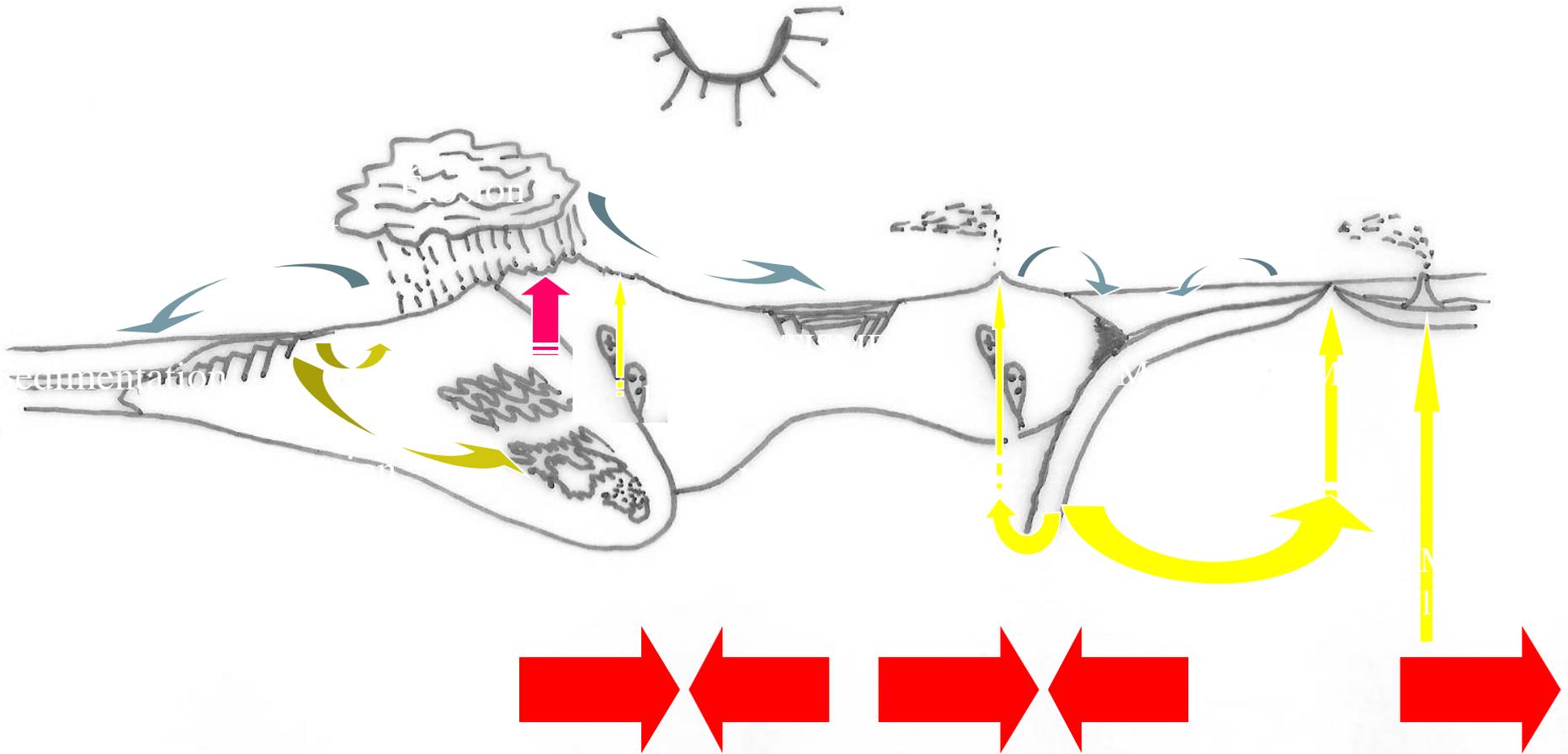
5x plain view

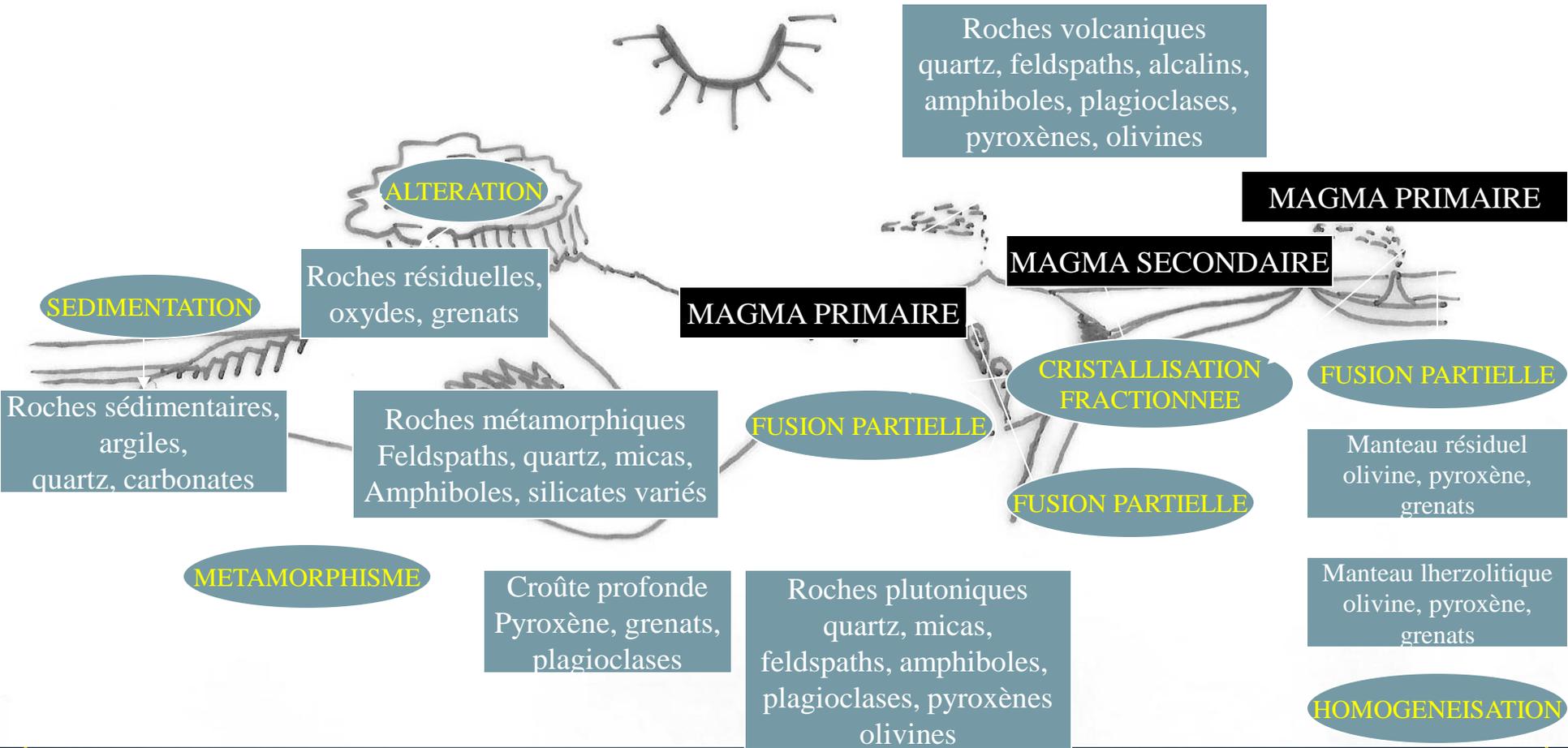


Micrite

Principaux allochems	LIANT A CRISTAUX > 4 μ		LIANT A CRISTAUX < 4 μ	
bioclastes (squelettes calcaires)	biosparite		biomicrite	
oolithes, ooïdes (< 2mm)	oosparite		oomicrite	
pelotes fécales, péloïdes (< 2mm)	pelsparite		pelmicrite	
intraclastes (clastes divers)	intrasparite		intramicrite	
calcaire formé in situ	biolithite (calcaire construit)		dismicrite (calcaire fenestré)	

Cycle pétrologique





Cycle pétrologique

