

Fig. 1

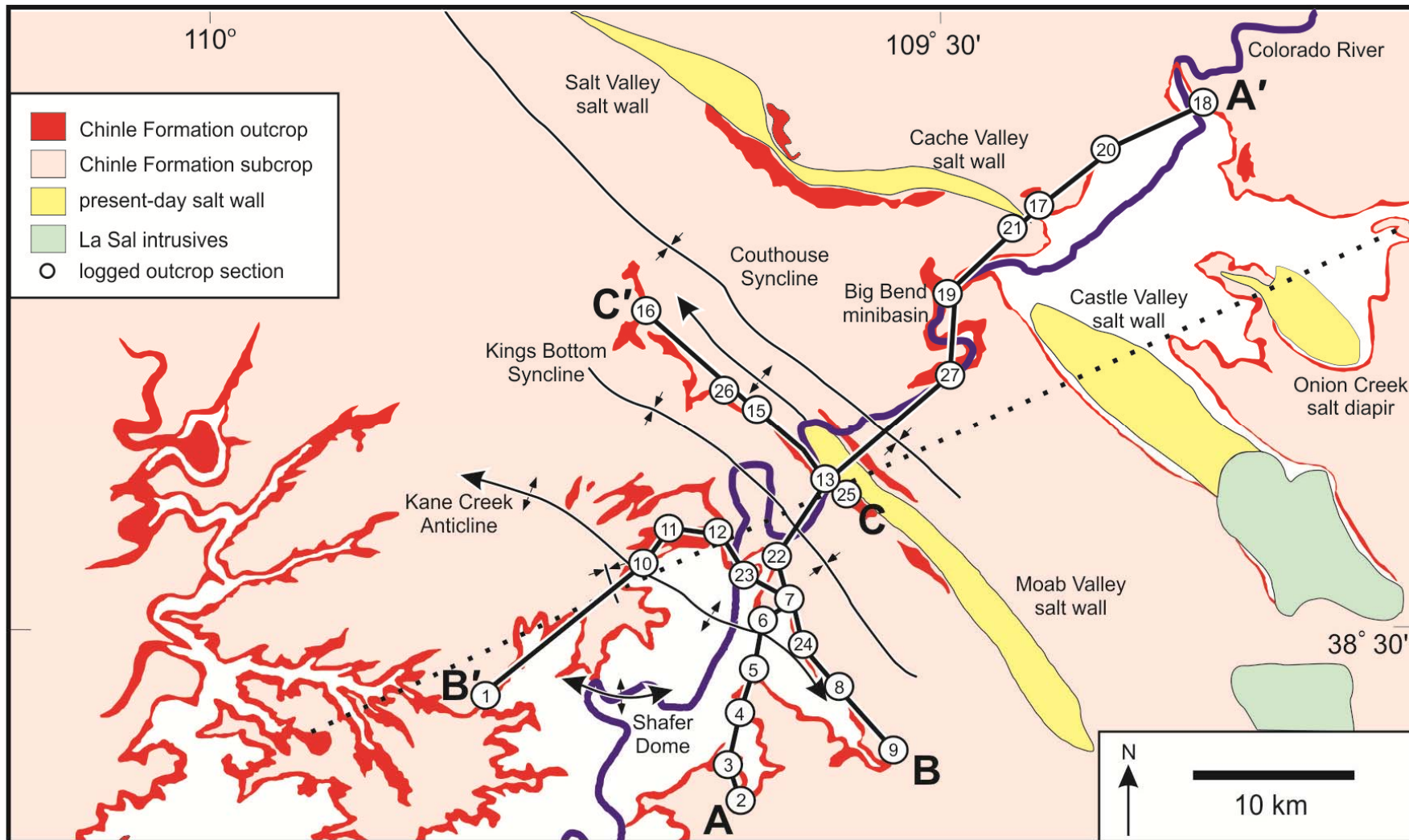
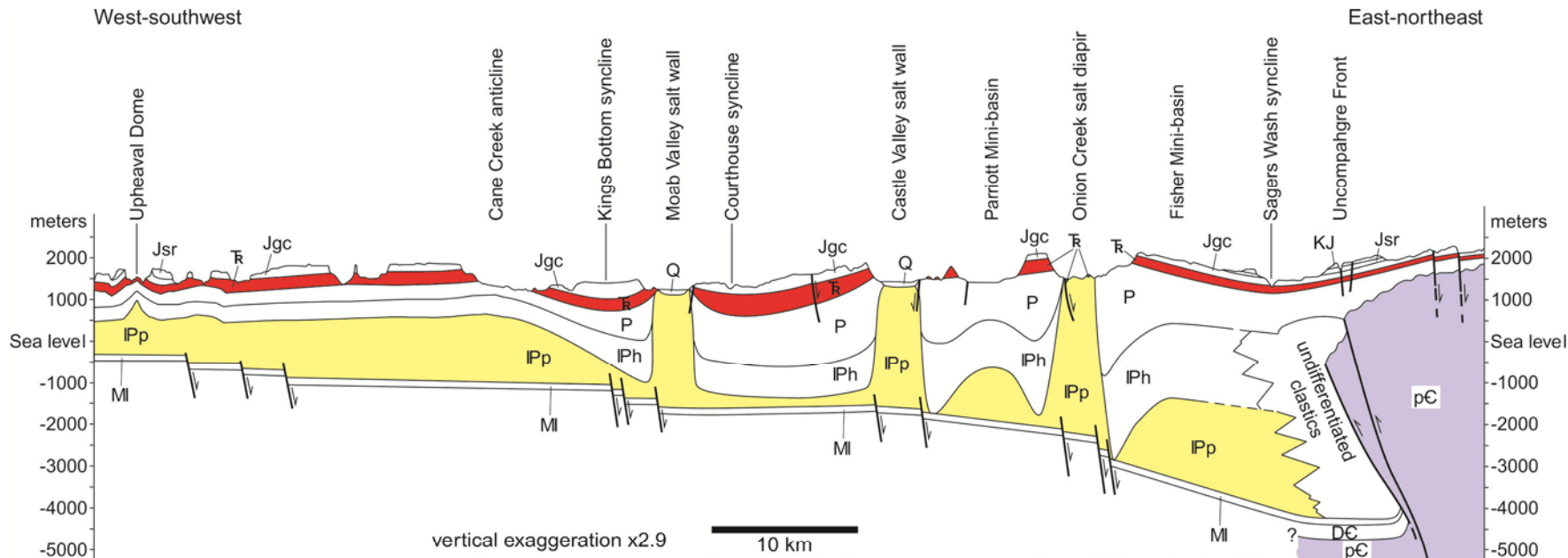


Fig. 2



- Q Quaternary alluvium
- KJ Jurassic-to-Cretaceous Cedar Mountain/Burro Canyon and Morrison Formations
- Jsr Jurassic San Rafael Group
- Jgc Jurassic Glen Canyon Group (including Wingate Formation)
- R Triassic Moenkopi and Chinle Formations
- P Permian (including Cutler Formation)
- IPh Pennsylvanian Honaker Trail Formation
- IPp Pennsylvanian (including Paradox Formation salt)
- MI Mississippian
- DC Cambrian through Devonian
- pC Precambrian

Fig. 4

	Blakey & Gubiatosa 1984	Hazel 1994	Matthews et al. 2007	This study
Chinle Formation	Church Rock Member	Hite Bed	Hite Bed	Hite Sst. Unit
			upper slope	main Chinle
		Black Ledge	black ledge	
	Owl Creek Member	Kane Springs 3 sand body	lower slope	
	Petrified Forest Member	Kane Springs 2 sand body		
		Kane Springs 1 sand body		
	Moss Back Member	Mottled Strata	lower Chinle	lower Chinle
Moenkopi Formation				

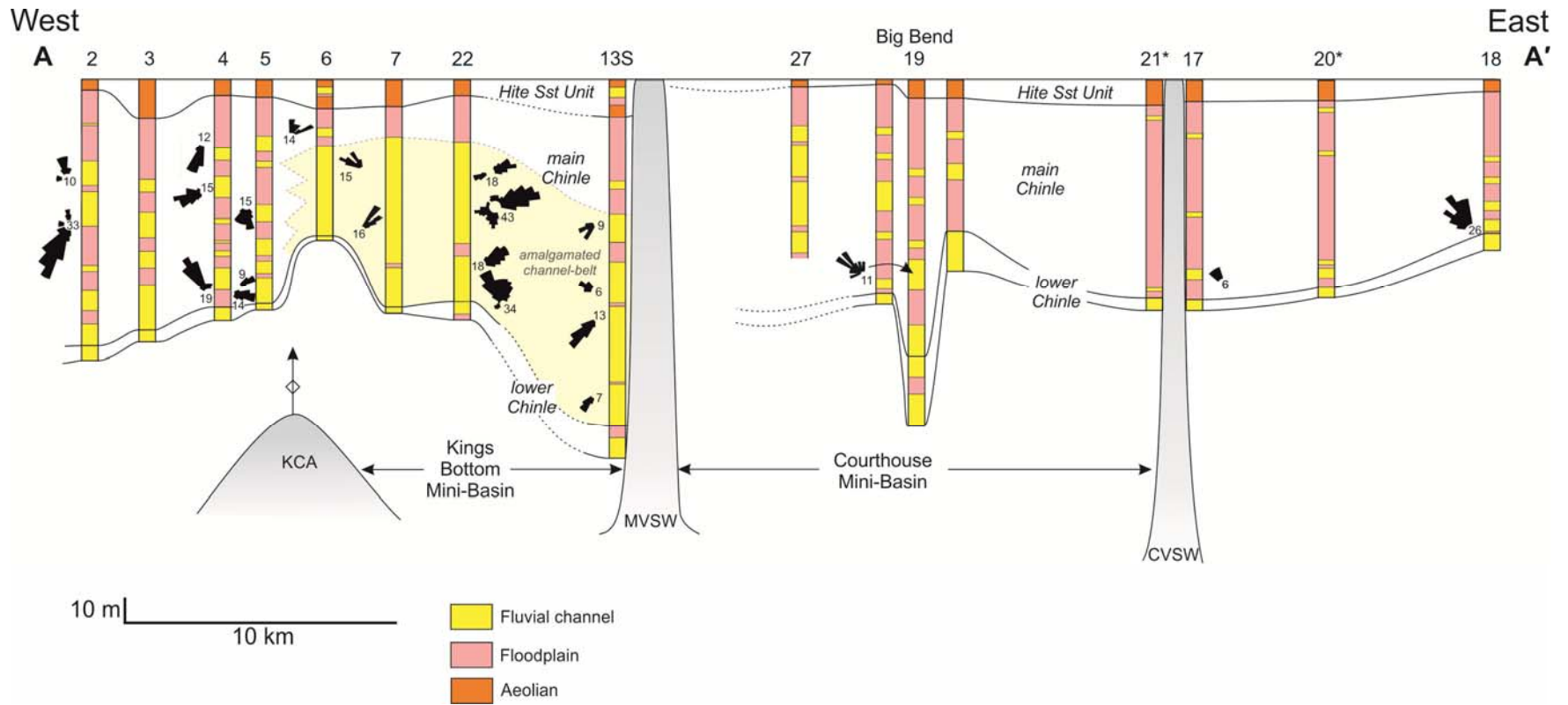


Fig. 5A

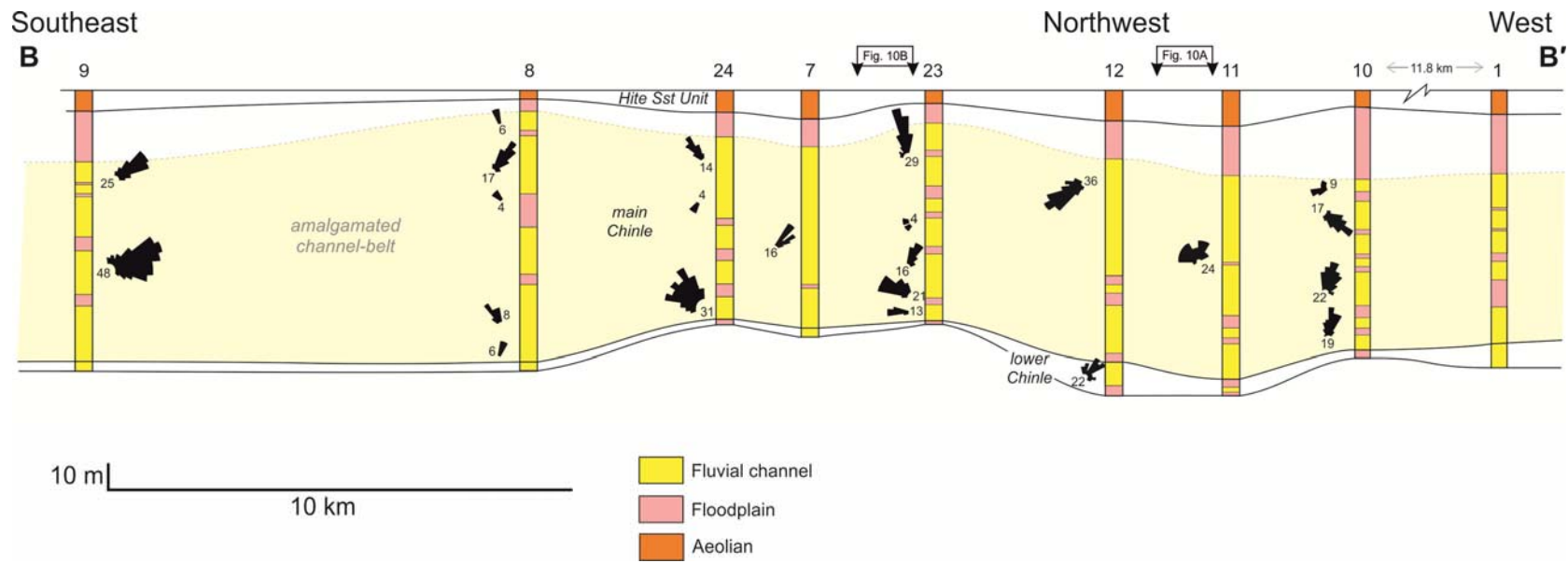


Fig. 5B

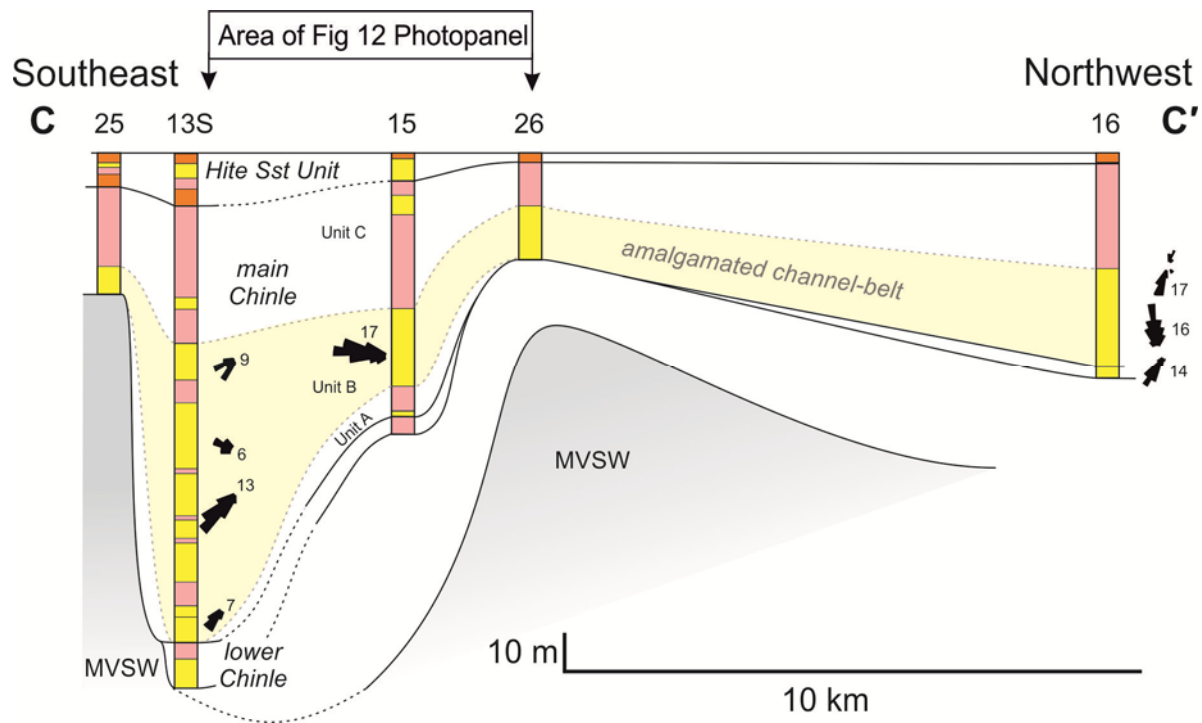


Fig. 5C

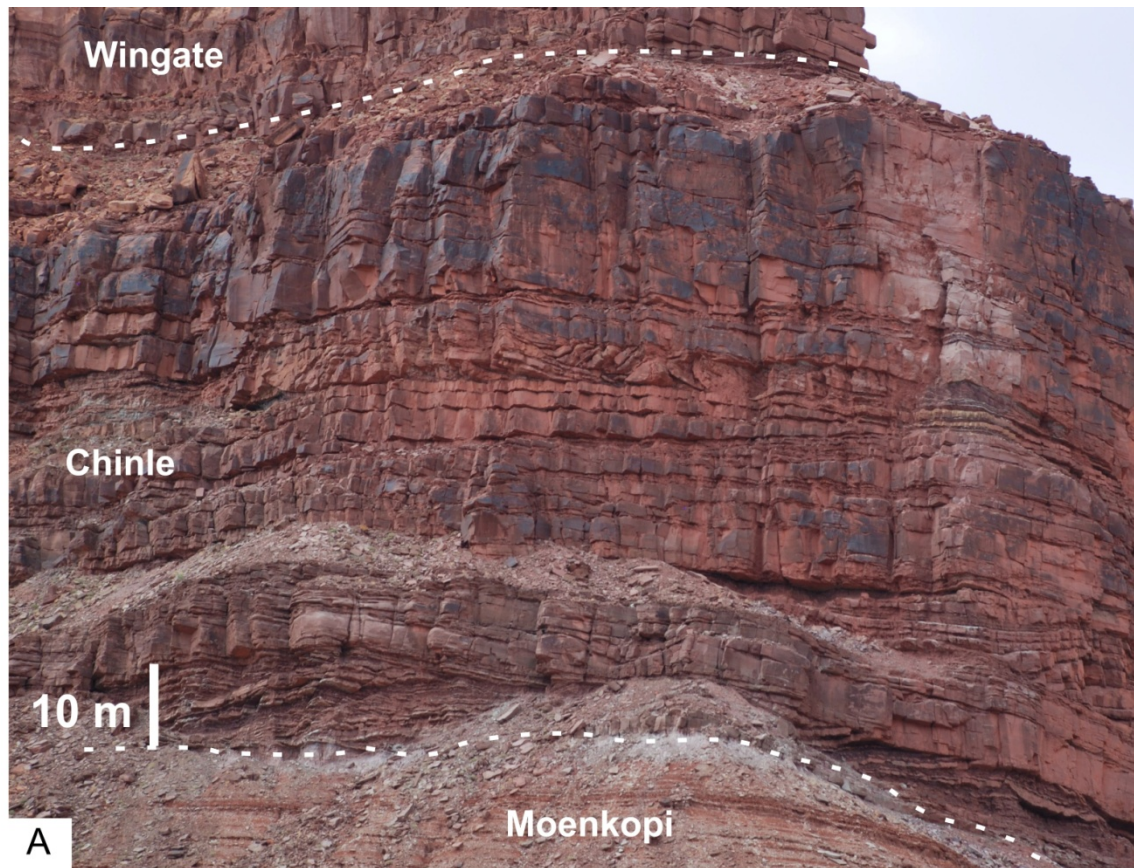


Fig. 6AB



Fig. 6CDE

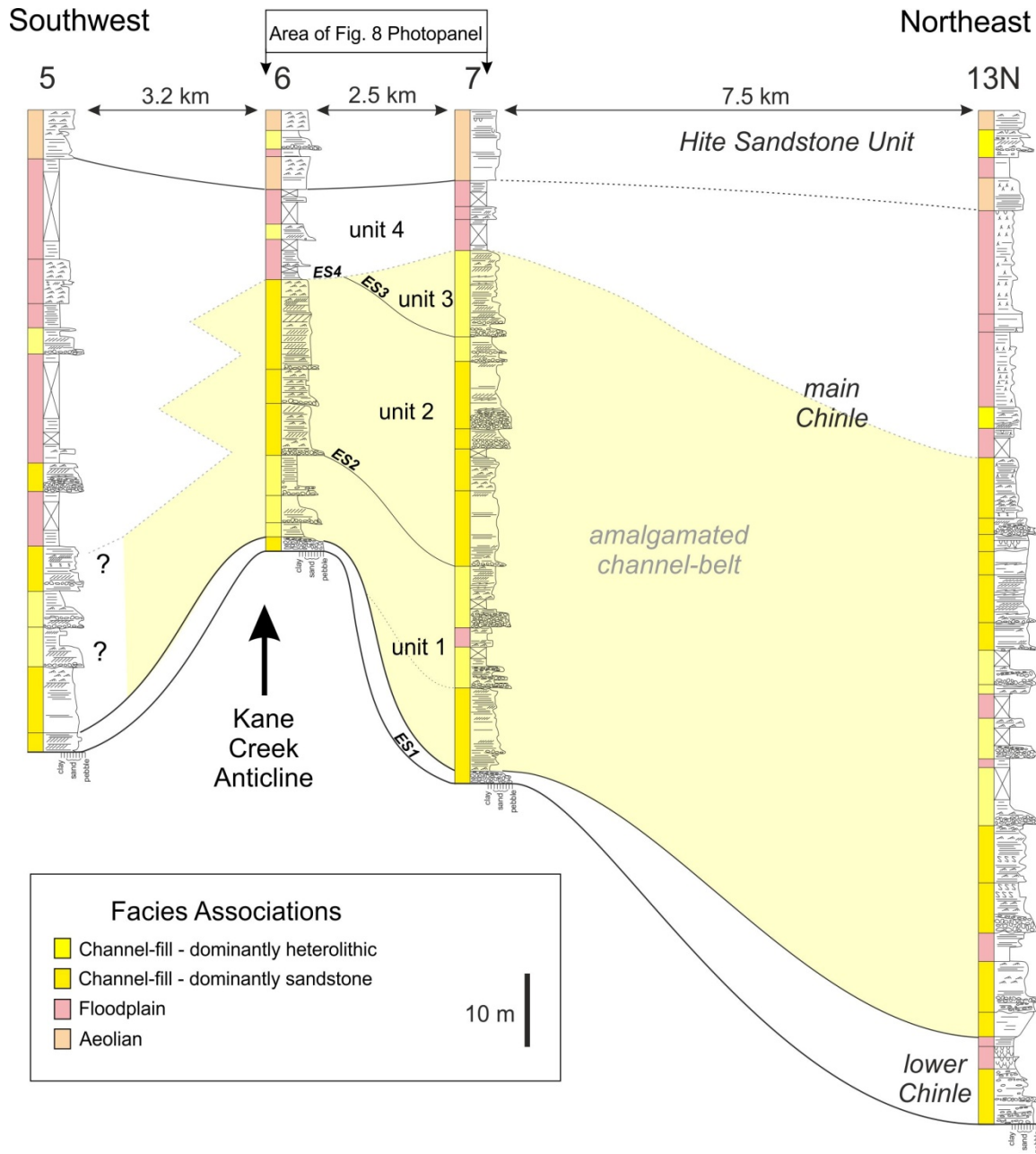


Fig. 7

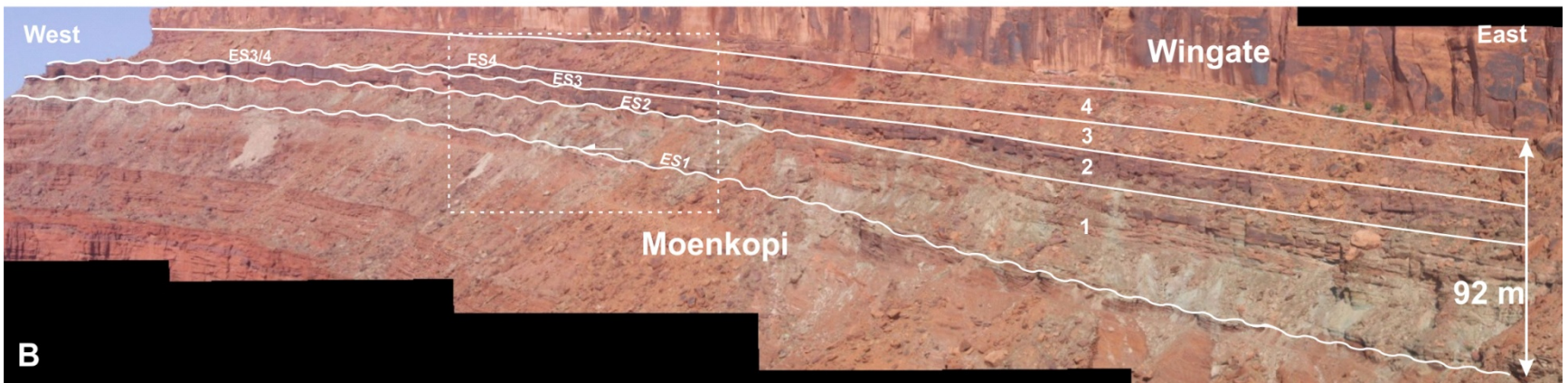
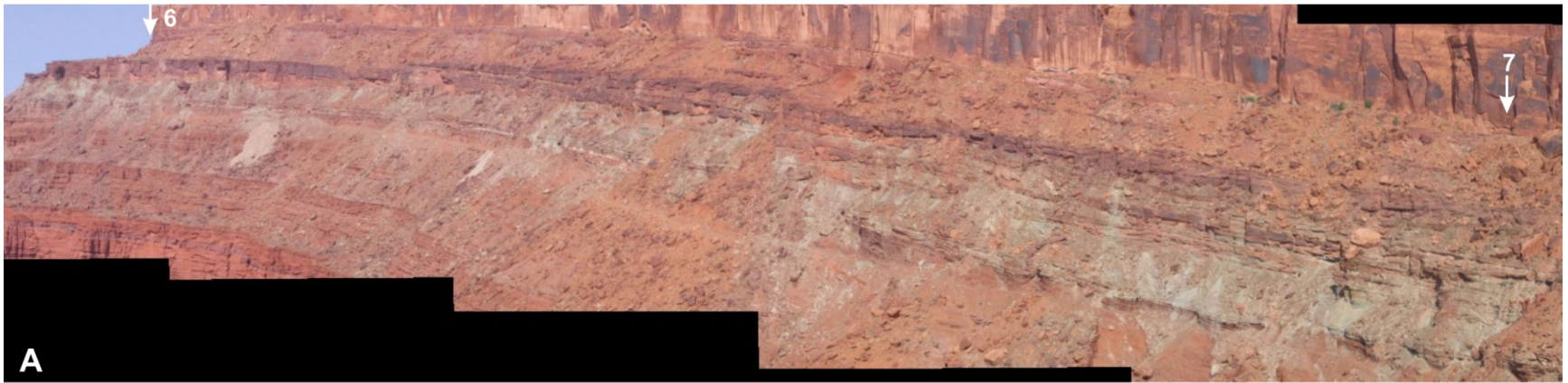


Fig. 8A & B

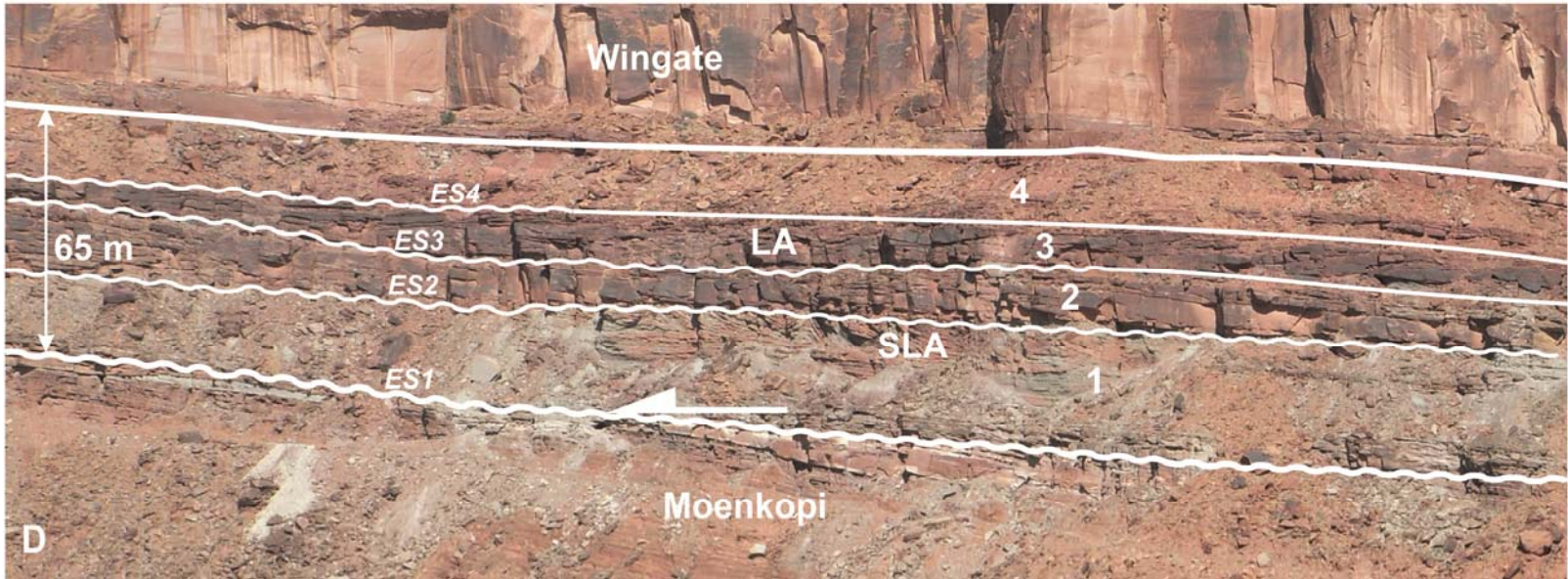


Fig. 8C and D

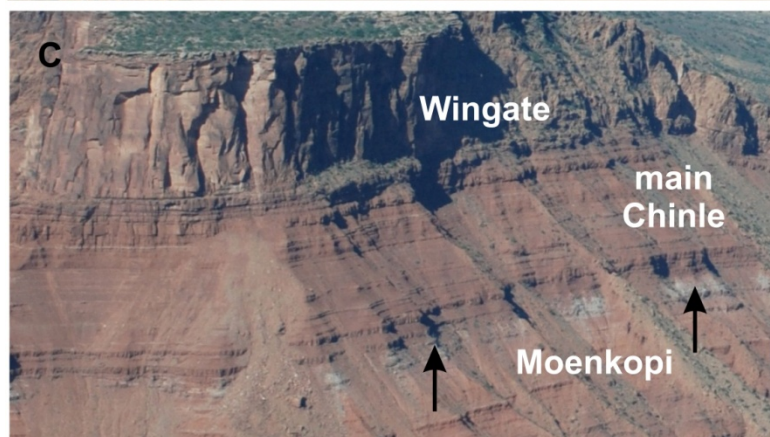


Fig. 9

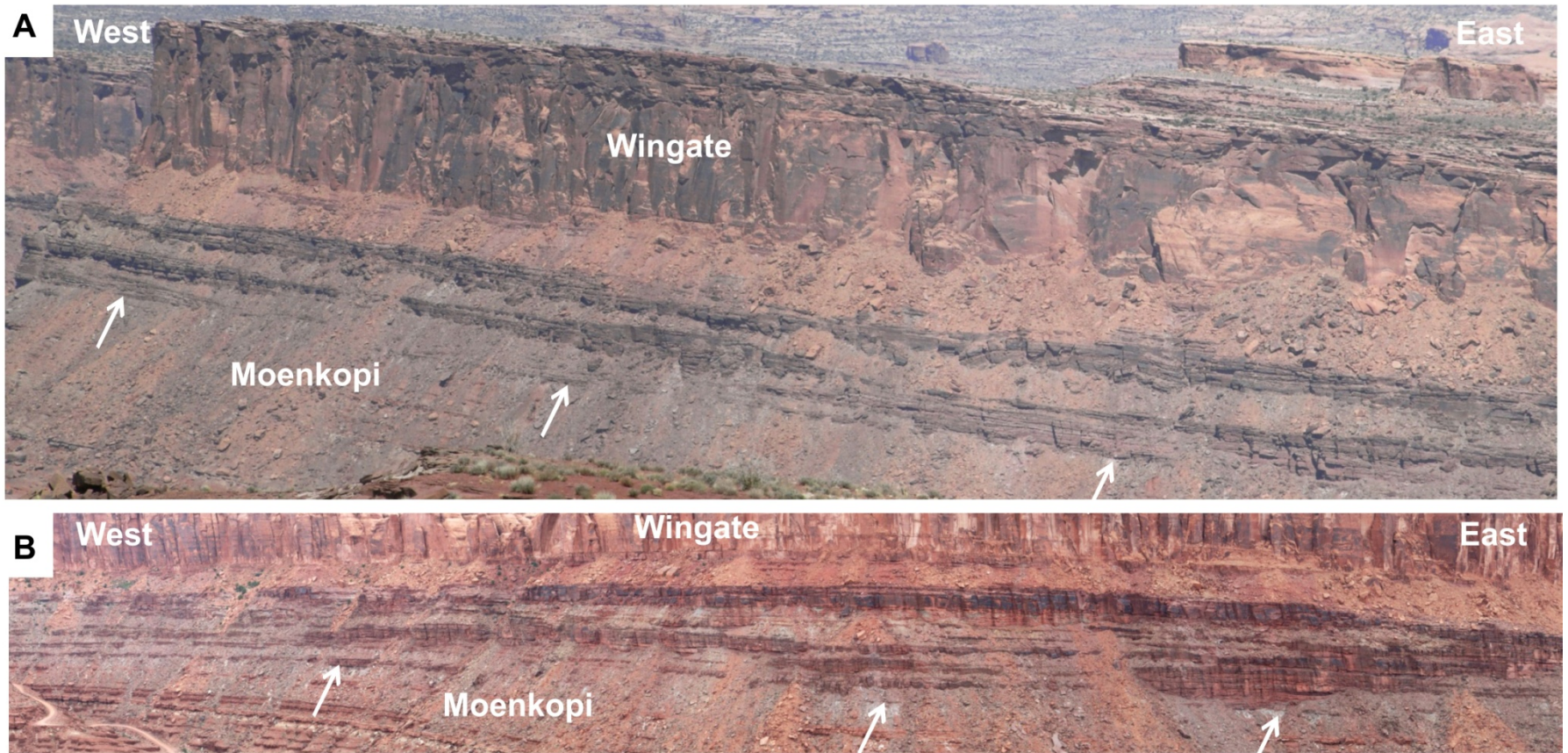


Fig. 10 A & B

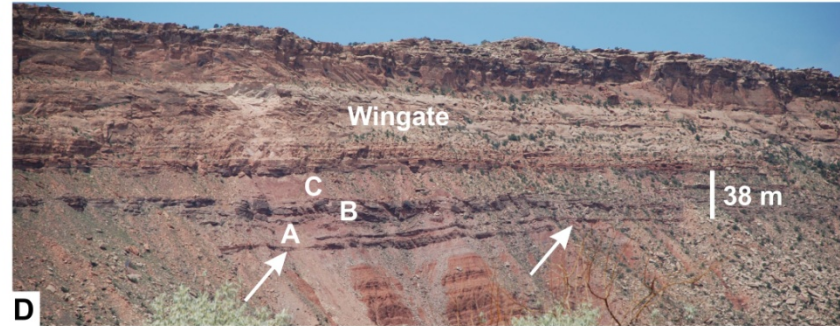


Fig. 11 Panel

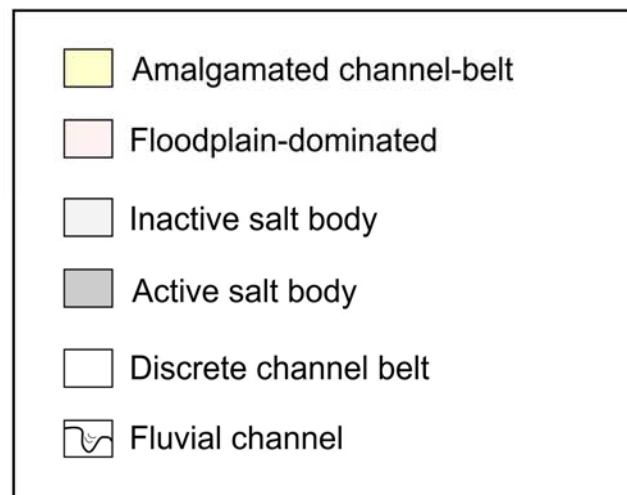
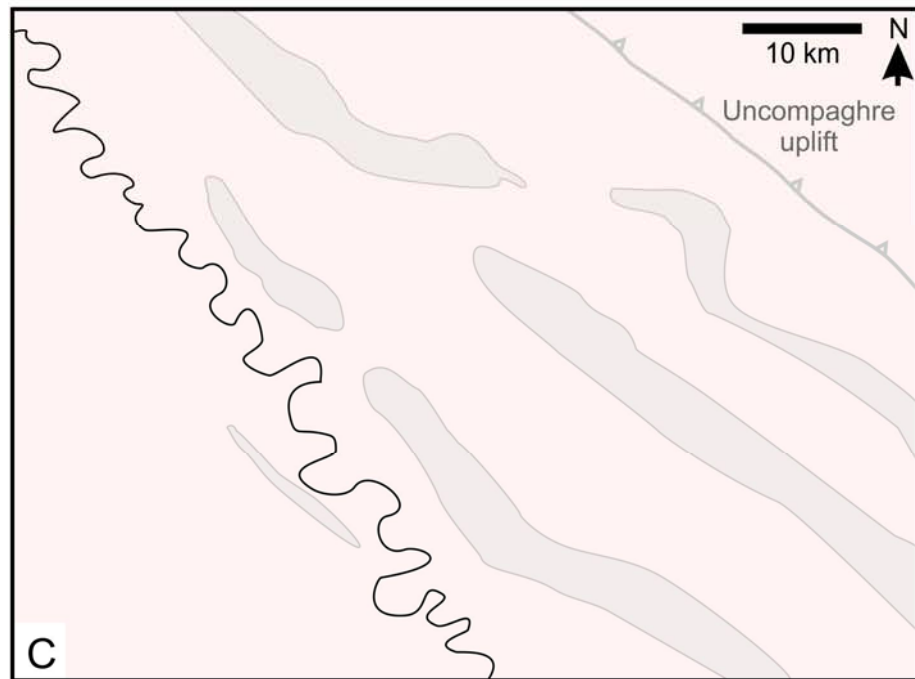
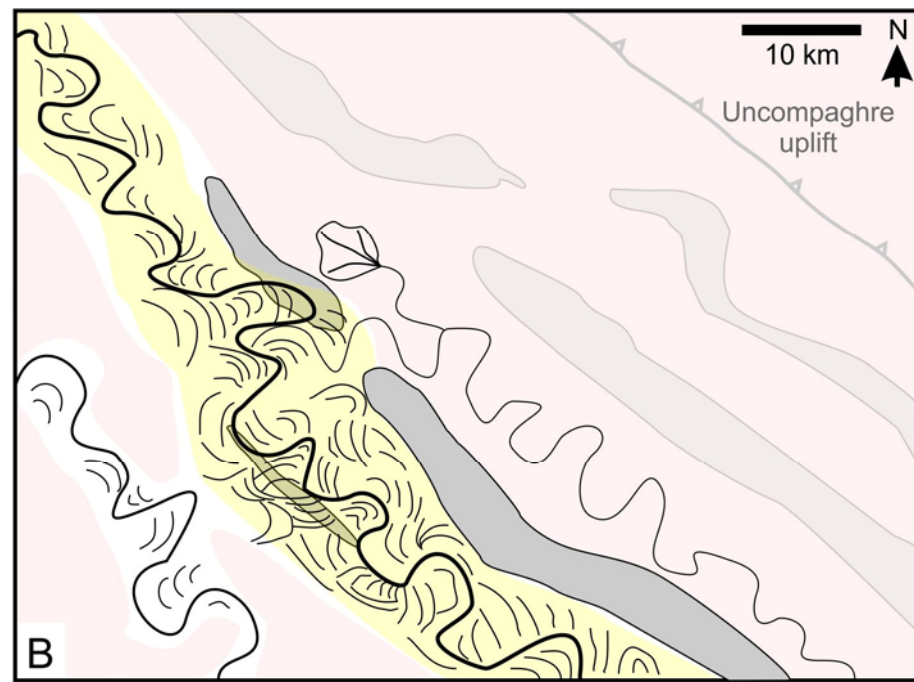
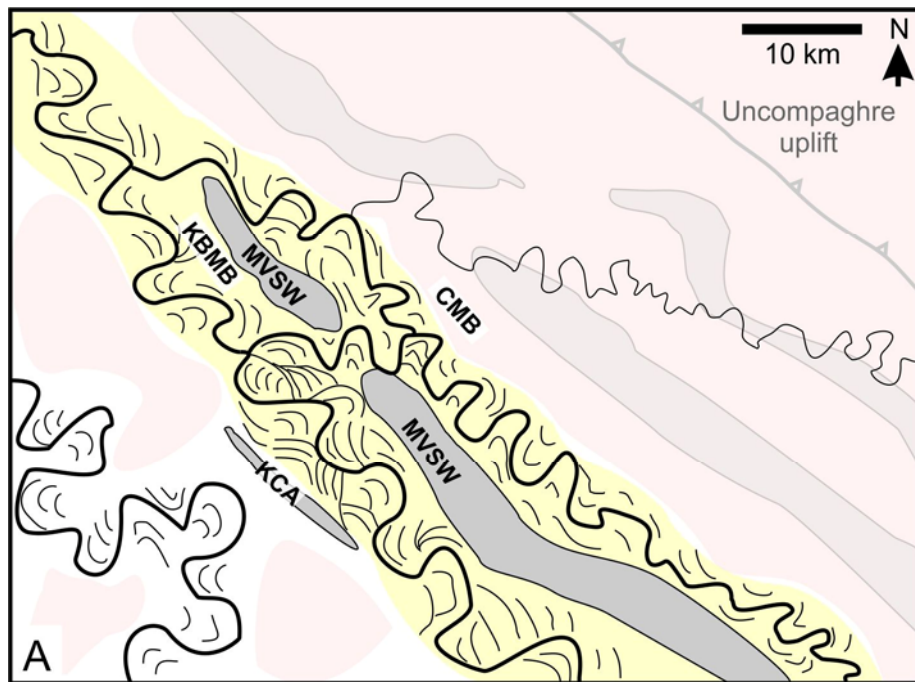


Fig 13A

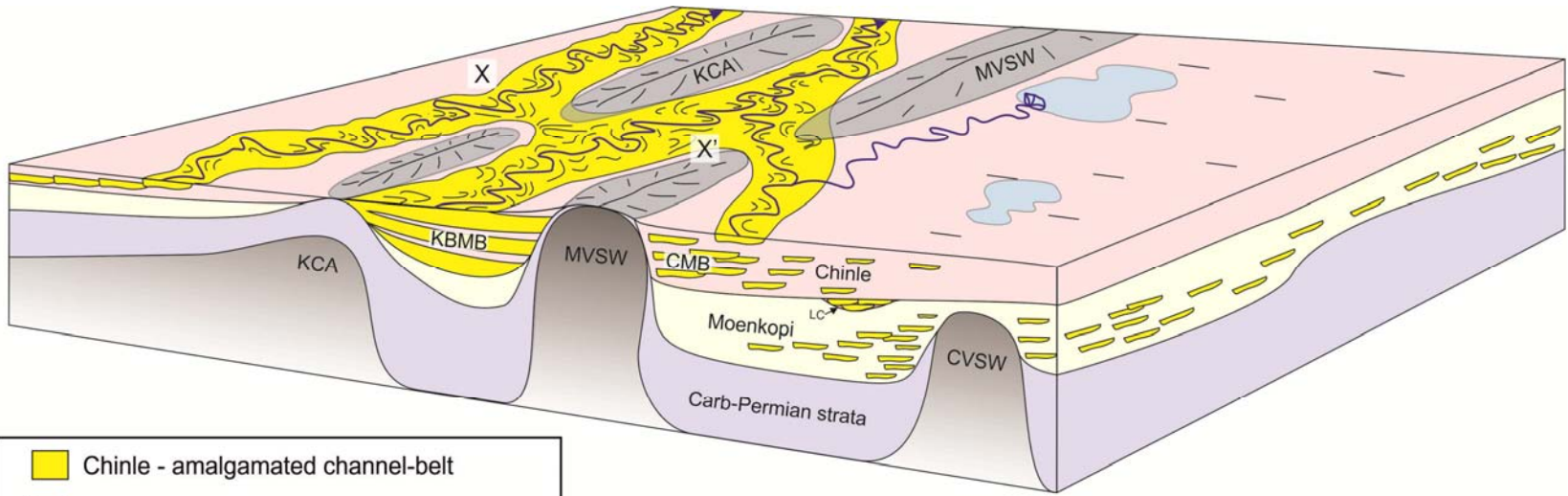


Fig 13B

