

# C-FRG Results from Breakout Session

What carbonate properties should SedGrid store and how?

The hypothetical cell: [Aa 0.05; Ag 0.90; At 0.05]

The hypothetical cemented cell: [Aa 0.05; Ag 0.80; At 0.05; Bd 0.10]

Transport dictionary	Aa	...	Ag	...	At	...	Bd	...
Transportable	Yes		Yes		No		No	
Grain size (mm)	2mm		10mm		Null		Null	
Bulk density (gcm <sup>-3</sup> )	2.1		2.2		Null		Null	
Grain shape??	Messy		Spherical		Null		Null	

Production dictionary	Aa	...	Ag	...	At	...	Bd	...
Name	Coral X		Grainwithnoname		Seagrass		Cement	
Hardness	Skeletal		Skeletal		Soft		Null	
Feeding habit	Filter		Mobile carnivore		Photosynth		Null	
Trophic Type	Pred, sessile		Pred, mobile		Primary		Null	
Trophic level	5		7		1		Null	
Ingestion size	Large		Large		Small		Null	
Temp range	21-27		16-27		15-27		Null	
Salinity range							Null	
Mineralogy	Aragonite		Calcite		Aragonite		Aragonite	

Roughness dictionary	Aa	...	Ag	...	At	...	Bd	...
Roughness	Rough		Smooth		Rough		Smooth	
Form	Upstanding						Flat	
Bafflement	Some				Lots		None	
Form drag	2.1							