

11. Marly limestone	12. Dolostone	13. lithic sandstone	15. Fossiliferous laminated shale, claystone	16. Quartz sandstone w/ calcareous cement	17. chert
TERRESTRIAL	TERRESTRIAL	TERRESTRIAL	TERRESTRIAL	TERRESTRIAL	TERRESTRIAL
Lacustrine	Lacustrine	Lacustrine	Lacustrine	Lacustrine	Lacustrine
Stream floodplain	Stream floodplain	Stream floodplain	Stream floodplain	Stream floodplain	Stream floodplain
Stream channel	Stream channel	Stream channel	Stream channel	Stream channel	Stream channel
Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source
Glacial	Glacial	Glacial	Glacial	Glacial	Glacial
Arid dunes	Arid dunes	Arid dunes	Arid dunes	Arid dunes	Arid dunes
Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin
MARINE MARGIN	MARINE MARGIN	MARINE MARGIN	MARINE MARGIN	MARINE MARGIN	MARINE MARGIN
Beach	Beach	Beach	Beach	Beach	Beach
Delta	Delta	Delta	Delta	Delta	Delta
Lagoon	Lagoon	Lagoon	Lagoon	Lagoon	Lagoon
MARINE	MARINE	MARINE	MARINE	MARINE	MARINE
Off-shore shelf	Off-shore shelf	Off-shore shelf	Off-shore shelf	Off-shore shelf	Off-shore shelf
Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform
Turbidity currents	Turbidity currents	Turbidity currents	Turbidity currents	Turbidity currents	Turbidity currents
Plankton oozes	Plankton oozes	Plankton oozes	Plankton oozes	Plankton oozes	Plankton oozes
ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)

19. black shale	20. Conglomerate	21. Quartz (arenite) sandstone	24. Fossiliferous limestone	26. Fossiliferous sandstone	27. micrite
TERRESTRIAL	TERRESTRIAL	TERRESTRIAL	TERRESTRIAL	TERRESTRIAL	TERRESTRIAL
Lacustrine	Lacustrine	Lacustrine	Lacustrine	Lacustrine	Lacustrine
Stream floodplain	Stream floodplain	Stream floodplain	Stream floodplain	Stream floodplain	Stream floodplain
Stream channel	Stream channel	Stream channel	Stream channel	Stream channel	Stream channel
Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source	Alluvial fan / near source
Glacial	Glacial	Glacial	Glacial	Glacial	Glacial
Arid dunes	Arid dunes	Arid dunes	Arid dunes	Arid dunes	Arid dunes
Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin	Arid Evaporate Basin
MARINE MARGIN	MARINE MARGIN	MARINE MARGIN	MARINE MARGIN	MARINE MARGIN	MARINE MARGIN
Beach	Beach	Beach	Beach	Beach	Beach
Delta	Delta	Delta	Delta	Delta	Delta
Lagoon	Lagoon	Lagoon	Lagoon	Lagoon	Lagoon
MARINE	MARINE	MARINE	MARINE	MARINE	MARINE
Off-shore shelf	Off-shore shelf	Off-shore shelf	Off-shore shelf	Off-shore shelf	Off-shore shelf
Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform	Reef/carbonate platform
Turbidity currents	Turbidity currents	Turbidity currents	Turbidity currents	Turbidity currents	Turbidity currents
Plankton oozes	Plankton oozes	Plankton oozes	Plankton oozes	Plankton oozes	Plankton oozes
ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)	ANOXIC (Lack of O ₂)

Calm water

beaches & deserts