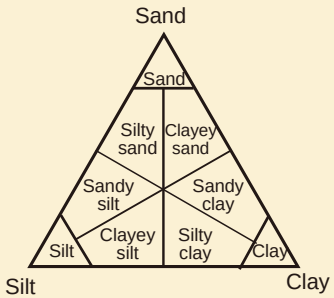
			Principal name (required)	Major modifier (25%-50%, optional)	Minor modifier (10%-25%, optional)
<50%biogenic components	Volcani-clastic grains > Silici-clastic grains	Volcaniclastic sediments	Volcanic ash/tuff Lapilli/lapillistone Volcanic breccia	Volcanic glass-rich Tuffaceous	with volcanic glass with volcanic clasts
<50%biogenic components	Volcani-clastic grains < Silici-clastic grains	Siliciclastic sediments	 see Figure F10A	Clayey Silty Sandy Pebbly	with clay with silt with sand with granule with pebble
>50%biogenic components	Pelagic (micro-) fossils > Neritic bio-clasts	Biogenic (pelagic) sediments	Calcareous ooze/chalk Nannofossil ooze/chalk Foraminifer ooze/chalk Biosiliceous ooze/ (porcellanite, chert) Diatom ooze/diatomite Radiolarian ooze/radiolarite	Calcareous Nannofossil-rich Foraminifer-rich Biosiliceous Diatom-rich Radiolarian-rich	with nannofossil with foraminifers with diatom with radiolarians with sponge spicules
>50%biogenic components	Pelagic (micro-) fossils < Neritic bio-clasts	Carbonate (neritic) sediments	Mudstone/Wackestone Packstone Grainstone Boundstone Crysalline Floatstone/Rudstone Bafflestone/Bindstone/Framestone see Figure F11	Bioclast-rich Coral-rich Shell-rich	with bioclasts with corals with shells

see also Figure F7