

	Main lithology (≥50%)	Sub lithology (25%-50%)	Sub lithology (10%-50%)
	Principal name (required)	Prefix (optional)	Suffix (optional)
<50% carbonate, chemical, biogenic	Clay Claystone Silt Siltstone Sand Sandstone Gravel Conglomerate Breccia Ash	Clay-rich Silt-rich Sand-rich Organic-rich Nodule-rich Clast-rich Carbonaceous Glendonite Nannofossil-rich Foraminifer-rich Radiolarian-rich Diatom-rich Biosiliceous-rich Volcaniclastic Lapilli-rich Ash-rich	With clay With silt With sand With gravel With organic matter With nodules With clasts With carbonate With biogenic carbonate With nannofossils With foraminifers With radiolarians With diatoms With biogenic silica With lapilli With ash With volcanic clasts
≥50% carbonate, chemical, biogenic	Biosiliceous ooze Diatom ooze Diatomite Radiolarian ooze Radiolarite Porcellanite Nannofossil ooze Nannofossil chalk Foraminiferal ooze Foraminiferal chalk Chert Limestone Lignite	Clay-rich Silt-rich Sand-rich Organic-rich Nodule-rich Clast-rich Carbonaceous Glendonite Nannofossil-rich Foraminifer-rich Radiolarian-rich Diatom-rich Biosiliceous-rich Volcaniclastic Lapilli-rich Ash-rich	With clay With silt With sand With gravel With organic matter With nodules With clasts With carbonate With biogenic carbonate With nannofossils With foraminifers With radiolarians With diatoms With biogenic silica With lapilli With ash With volcanic clasts