

Clast or crystal size (mm)	Sedimentary clasts		Nonvolcanic rock name		Volcanic clasts		Volcanic rock name
>64	Boulder	Gravel	Conglomerate/breccia* [^]		Blocks and bombs		Agglomerate or breccia** (consolidated or unconsolidated)
	Cobble				Lapilli	Coarse	
	Pebble					Medium	
	Granule					Fine	
16	Coarse	Sand	Sandstone		Ash	Coarse	Tuff
	Medium						
	Fine						
4	Silt	Mud	Mudstone	Siltstone	Fine		
2	Clay						Claystone
0.5							
0.25							
0.063							
0.004							

*Rock name can be more specific if dominant grain size is easily identifiable (e.g. pebble-grade conglomerate)

[^]A conglomerate consists of predominantly rounded to subrounded clasts; when the clasts are predominantly angular to subangular, the term breccia is used. For rocks with both rounded/subrounded and angular/subangular clasts in approximately equal proportions, the term 'breccia-conglomerate' is used

**Names used for both consolidated and unconsolidated sediments

