

Tabel I. Nilai densitas rata-rata batuan beku

Rock Type	Range Average (wet) (g/cm ³)		Rock Type	Range Average (wet) (g/cm ³)	
	Range	Average (wet)		Range	Average (wet)
Rhyolite glass	2,20-2,28	2,24	Quartz diorite	2,62-2,96	2,79
Obsidian	2,20-2,40	2,30	Diorite	2,72-2,99	2,85
Vitrophyre	2,36-2,53	2,44	Lavas	2,80-3,00	2,90
Rhyolite	2,35-2,70	2,52	Diabase	2,50-3,20	2,91
Dacite	2,35-2,80	2,58	Essexite	2,69-3,14	2,91
Phonolite	2,45-2,71	2,59	Norite	2,70-3,24	2,92
Trachyte	2,42-2,80	2,60	Basalt	2,74-3,30	2,99
Andesite	2,40-2,80	2,61	Gabbro	2,70-3,50	3,03
Nephelite-Syenite	2,53-2,70	2,61	Hornblende-Gabbro	2,98-3,18	3,08
Granite	2,50-2,81	2,64	Peridotite	2,78-3,37	3,15
Granodiorite	2,67-2,79	2,73	Pyroxenite	2,93-3,34	3,17
Porphyry	2,60-2,89	2,74	Acid igneous (av.)	2,30-3,11	2,61
Syenite	2,60-2,95	2,77	Basic igneous (av.)	2,09-3,17	2,79
Anorthosite	2,64-2,94	2,78			

Tabel II. Nilai densitas rata-rata batuan metamorf

Rock Type	Range Average (wet) (g/cm ³)		Rock Type	Range Average (wet) (g/cm ³)	
	Range	Average (wet)		Range	Average (wet)
Quartzite	2,50-2,70	2,60	Serpentine	2,40-3,10	2,78
Schists	2,39-2,90	2,64	Slate	2,70-2,90	2,79
Graywacke	2,60-2,70	2,65	Gneiss	2,59-3,00	2,80
Granulite	2,52-2,73	2,65	Chloritic slate	2,75-2,98	2,87
Phyllite	2,68-2,80	2,74	Amphibolite	2,90-3,04	2,96
Marble	2,60-2,90	2,75	Eclogite	3,20-3,54	3,37
Quartzitic slate	2,63-2,91	2,77	Methamorphic-Av.	2,40-3,10	2,74

Tabel III. Nilai densitas rata-rata sedimen dan batuan sedimen

Rock Type	Range Average (wet) (g/cm ³)		Range Average (dry) (g/cm ³)	
	Range	Average (wet)	Range	Average (dry)
Alluvium	1,96-2,00	1,98	1,50-1,60	1,54
Clays	1,63-2,60	2,21	1,30-2,40	1,70
Glacial drift	-	1,80	-	-
Gravels	1,70-2,40	2,00	1,40-2,20	1,95
Loess	1,40-1,93	1,64	0,75-1,60	1,20
Sand	1,70-2,30	2,00	1,40-1,80	1,60
Sands and clays	1,70-2,50	2,10	-	-
Silt	1,80-2,20	1,93	1,20-1,80	1,43
Soils	1,20-2,40	1,92	1,00-2,00	1,46
Sandstones	1,61-2,76	2,35	1,60-2,68	2,24
Shales	1,77-3,20	2,40	1,56-3,20	2,10
Limestones	1,93-2,90	2,55	1,74-2,76	2,11
Dolomite	2,28-2,90	2,70	2,04-2,54	2,30