16- line 21 page 1204: by means of the formula: $\rho_b = \dfrac{100\rho_w C}{\dfrac{100\rho_w C}{\rho_s} + \theta_m}$

where ρ_b = soil bulk density g/cmc, ρ_w = water density g/cmc, C = ϕ_s /ϕ = ratio between porosity at saturation and total porosity (0.9÷0.95), ρ_s = density of the solid particles g/cmc, θ_m = gravimetric water content % weight