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Calculation 1. Calculate the specific gravity  $G = \frac{W_s}{W_w}$  mass of soil,  $W_s$ , mass of equal volume of soil  $f_{12}$  where Soil Mechanics Laboratory Manual mass of soil =  $W_s$  mass of equal volume of water,  $W_w = (W_1 + W_s) - W_2$  So (3.2) Specific gravity is generally reported on the value of the density of water at 20°C.

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