

FIGURE 1 Classification of particle size (modified from Wentworth, 1922). Particle sizes, as defined by the Wentworth classification, are grouped into three classes: coarse, sand, and fine. Coarse size includes all particles larger than 2 mm (granules, pebbles, cobbles, and boulders). Sand size includes all particles ranging from 2 mm to 1/8 mm (very coarse, coarse, medium, and fine sand). Fine size includes all particles smaller than 1/8 mm (very fine sand, silt, and clay). Very fine sand is included in this fine class because it commonly is associated with finer materials. Also, very fine sand, silt, and clay are similar when water soaked and under compression or shear and are similar in their ability to transmit water.

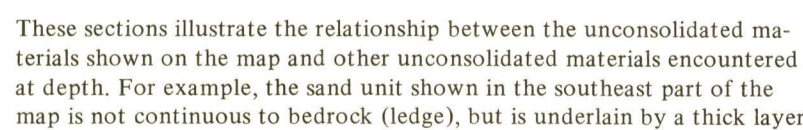
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The vertical scale of the sections is eight times greater than the horizontal scale. This exaggeration gives the appearance of much steeper slopes than actually exist.