



Mud

Texture:

Feels smooth to the touch.

Size:

Clay granules can range from 0.0005 to <0.004 mm in diameter. **Silt** granules can range from 0.004 to <0.062 mm in diameter.



Sand

Texture:

Feels slightly grainy to the touch.

Size:

Fine granules can range from 0.062 to <0.25 mm in diameter. Course granules can range from 0.25 to <2 mm in diameter.



Gravel

Texture:

Feels course to the touch.

Size:

Pebble granules can range from 2 to <64 mm in diameter. **Cobble** granules can range from 64 to <256 mm in diameter. Boulder granules can range from 256 to <4,096 mm in diameter¹.

¹ Valentine, P.C. (2019). Sediment classification and the characterization, identification, and mapping of geologic substrates for the glaciated Gulf of Maine seabed and other terrains, providing a physical framework for ecological research and seabed management. U.S. Geological Survey Scientific Investigations Report 2019-5073. Retrieved July 28, 2021, from <https://doi.org/10.3133/sir20195073>