Coarse additions affect the plasticity and toughness of soil mixtures, Part II: Sand angularity and sand-size uniformity

last compiled Thu. 2022-08-11, 12:56 PM

# Core ideas

1. Sand angularity has little affect on the liquid and plastic limits of sand-clay mixtures
2. For equivalent sand content, the mixtures produced with non-uniform sand had higher liquid limits but similar plastic limits.
3. Sand-clay mixtures produced using a non-uniform sand required less clay and more water to yield a soil having measurable plasticity, compared to mixes produced using uniform sand with the same mean particle size.