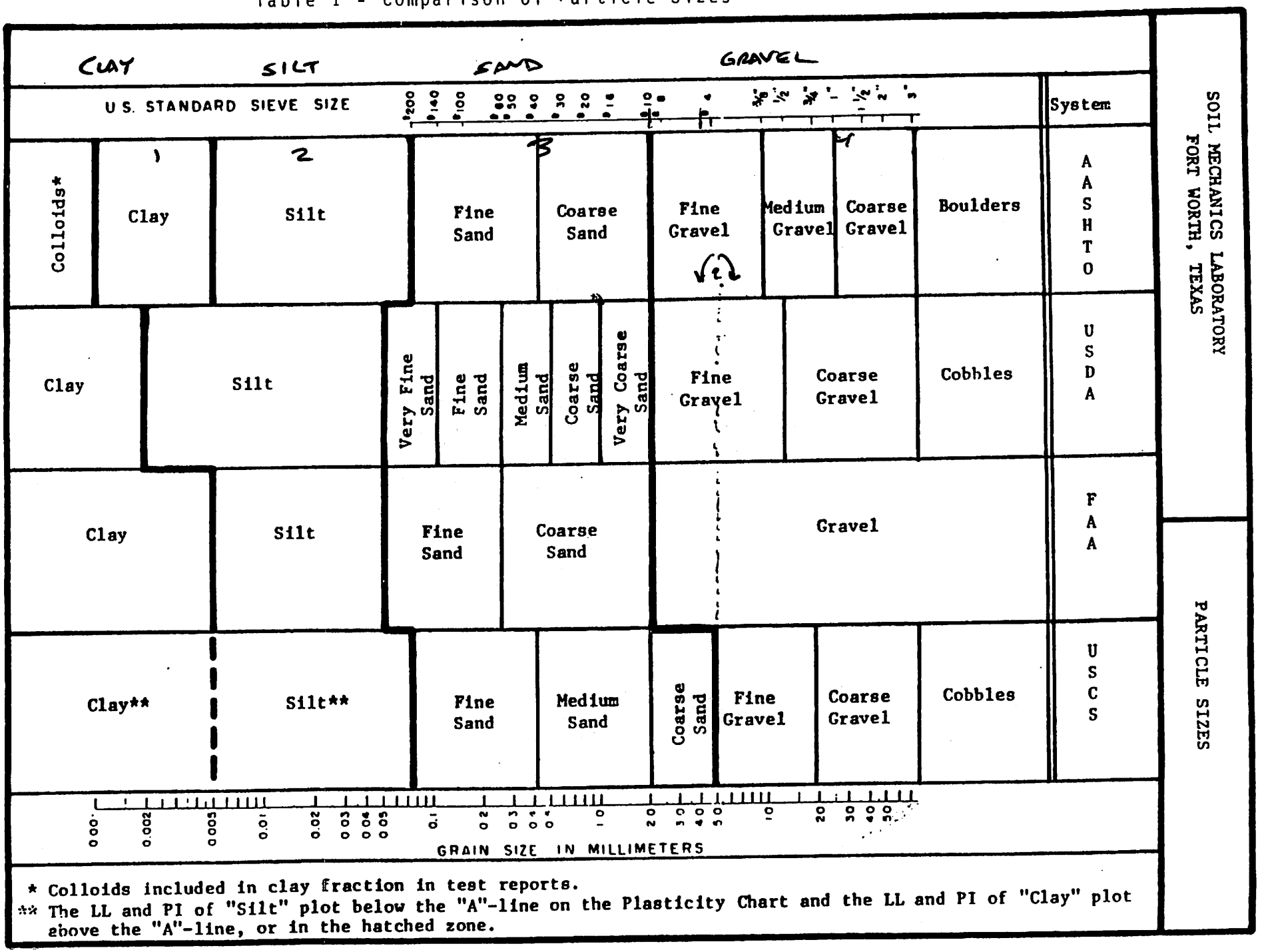
Table 1 - Comparison of Particle Sizes



* Colloids included in clay fraction in test reports.

** The LL and PI of "Silt" plot below the "A"-line on the Plasticity Chart and the LL and PI of "Clay" plot above the "A"-line, or in the hatched zone.

ACTIVITY 4 - USDA textural classification chart

In the USDA textural triangle below, the corners represent 100 percent sand, silt, or clay, as indicated. (Gravel and organic soils are not included.) The triangle is divided into 10-percent portions of clay, silt, and sand. Heavy lines show the divisions between 12 basic soil textural classes. If the percentage for any two of the soil separates are known, the correct textural class can be determined. However, the summation of the three percentages must total 100 percent.

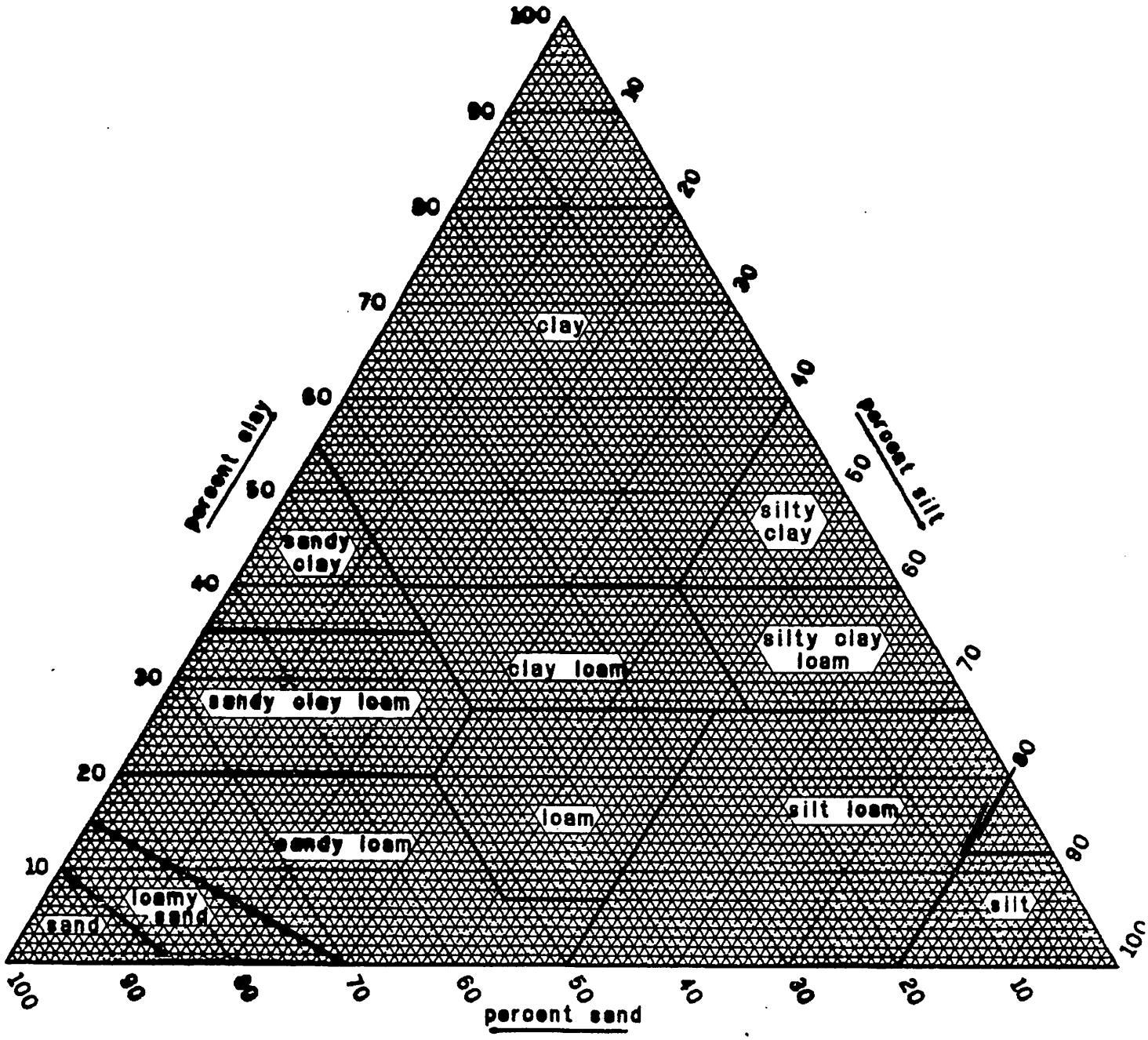


Figure 2. USDA Textural Triangle