



Figure 4. The plasticity and stiffness of each sample was judged in the lab on the basis of coil (A), ball (B), and loop (C) tests.



Figure 5. In general, lean clays are defined as those having coils that break completely when wrapped, rings that sag significantly when stood on edge, and balls that develop deep cracks when compressed.



Figure 6. Moderately lean clays form coils that crack but do not break, rings that sag slightly, and balls that develop shallow cracks when compressed.



Figure 7. Good clays coil and wrap without breaking or cracking, stand up proudly in their loop without sagging, and do not develop cracks when compressed.

In practice, however, many types of clay exhibited characteristics of plasticity, stiffness, and strength that were intermediate between these categories. In such cases, samples were assigned to the leaner of the two workability categories.