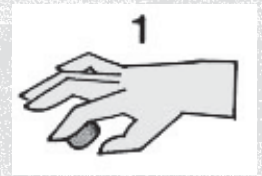




SOIL CONSISTENCE

▪ **Soil consistence** is the measure of the strength or *stickiness* of the soil aggregates

- 0 = non-sticky
- 1 = slightly sticky
- 2 = sticky
- 3 = very sticky



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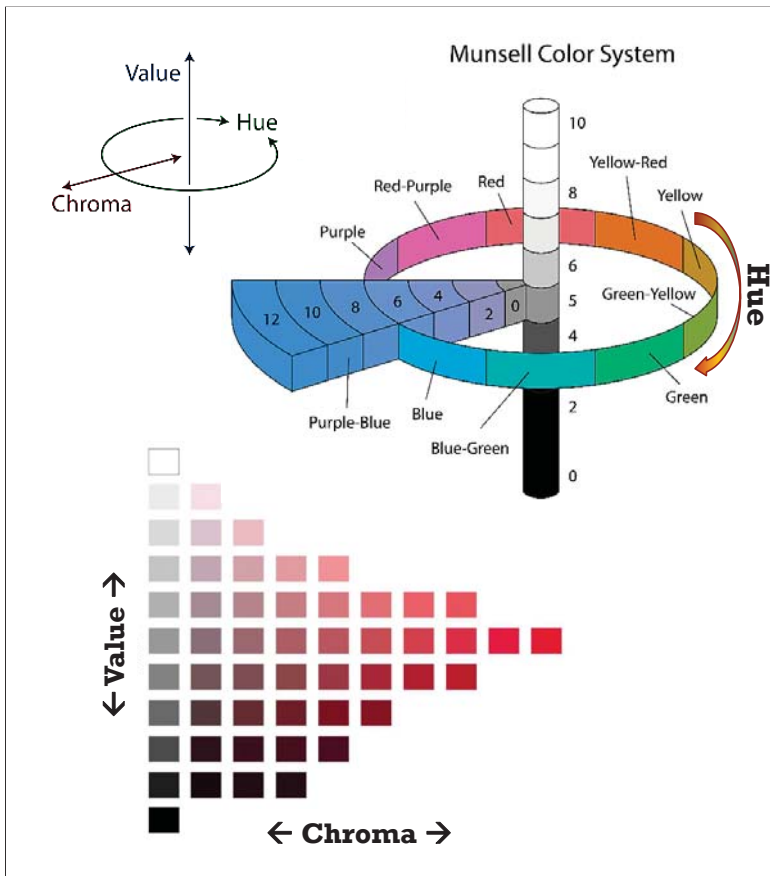
SOIL PLASTICITY

▪ **Soil plasticity** is the measure of the pliability of the soil aggregates (plasticity is the property of changing shape continuously under applied stress)

- **Non-plastic:** 4 mm thick, 4 cm long roll cannot be formed
- **Slightly Plastic:** 4 mm thick, 4 cm long roll can be formed but cannot support its weight
- **Moderately Plastic:** 2 mm thick, 4 cm long roll can be formed but cannot support its weight
- **Very Plastic:** 2 mm thick, 4 cm long roll can be formed and support its weight



NOT TO SCALE



SOIL COLOR

- **Hue:** dominant spectral color
- **Value:** degree of lightness
- **Chroma:** richness of color; amount of a particular hue added to a gray

