

1. The softest and hardest hardness, respectively, according to Mohs scale are:
 - A. **Talc, and Diamond**
 - B. Calcite, and Diamond
 - C. Diamond and calcite
 - D. Talc and Quartz.

2. Given that a soil has saturated clay with natural moisture content and specific gravity of 25% and 2.8 respectively. Determine the void ratio for this soil.
 - A. 0.25
 - B. **0.7**
 - C. 0.41
 - D. 0.35

3. The first drilling method employed to dig wells into the Earth is:
 - A- **Cable tool drilling**
 - B- Rotary drilling
 - C- Percussive drilling
 - D- Rotary percussion drilling