TUBULAR TALLY

What is the volume of the rock in the sample tube?

1 Use the formula for the volume of a cylinder to compute the volume of the cylindrical rock sample.

\[ V = \pi r^2 h \]

\[ \pi (6.5 \text{ mm})^2 \cdot (60 \text{ mm}) \approx 8,000 \text{ mm}^3 \]