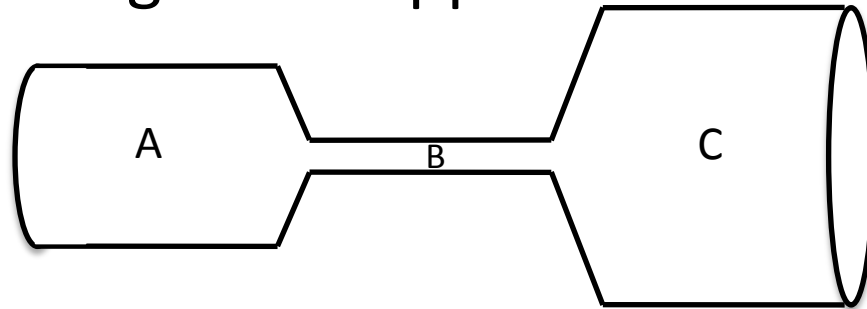


A copper cylinder is machined to have the following shape. The ends are connected to a battery so that a current flows through the copper.



Rank order (from greatest to smallest, e.g.  $A=C>B$ )

Magnitude of E field

Conductivity

Current

Current Density