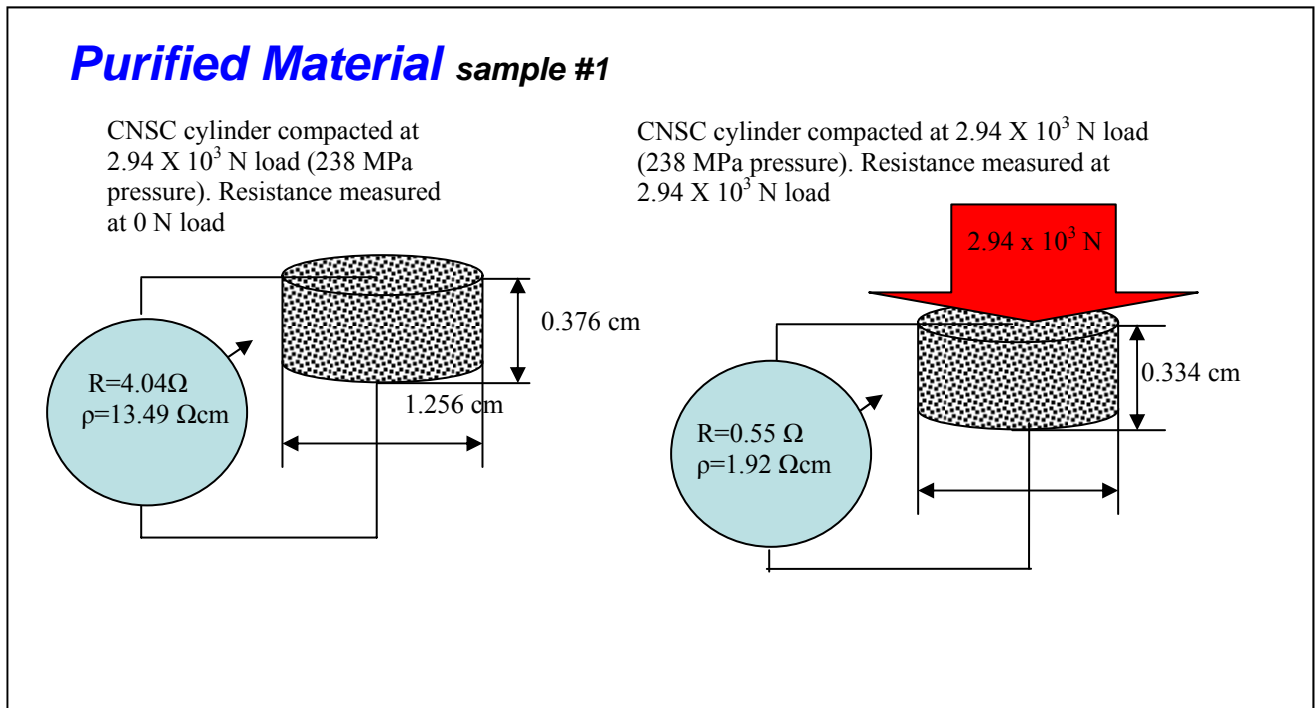
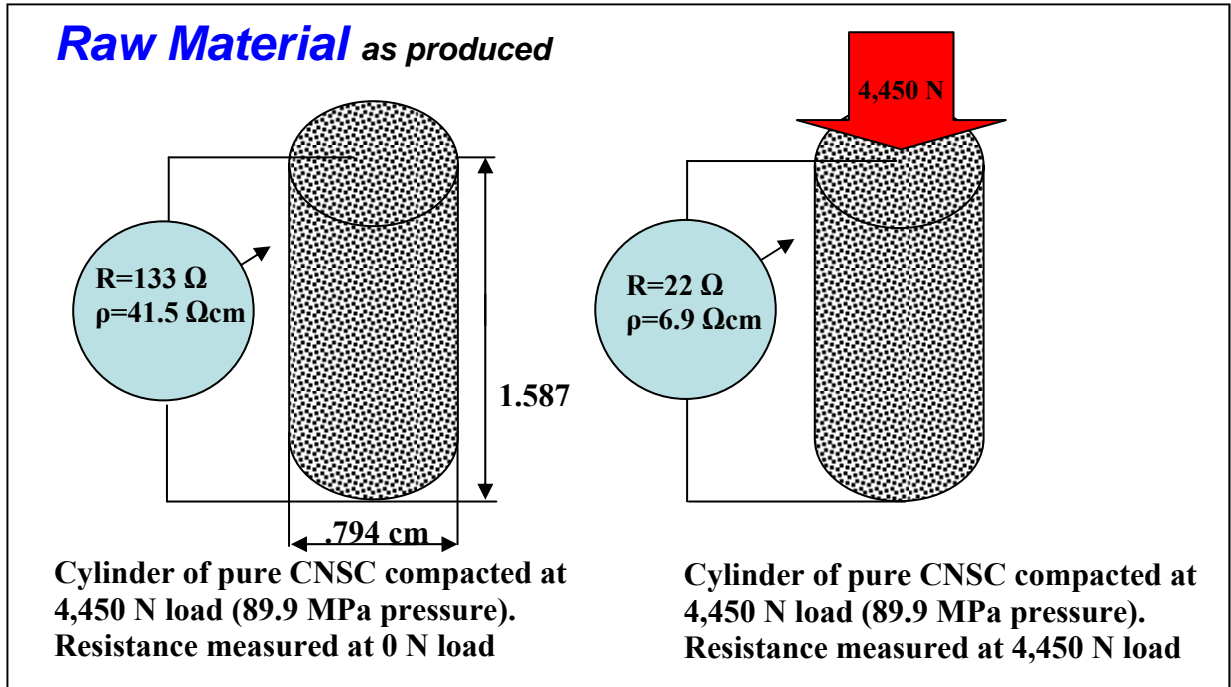
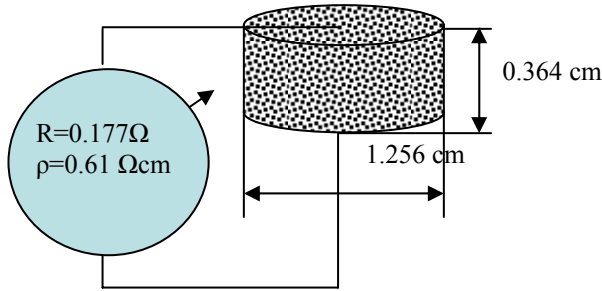


## Electrical Conductivity results of Carbon NanoSphere Chains

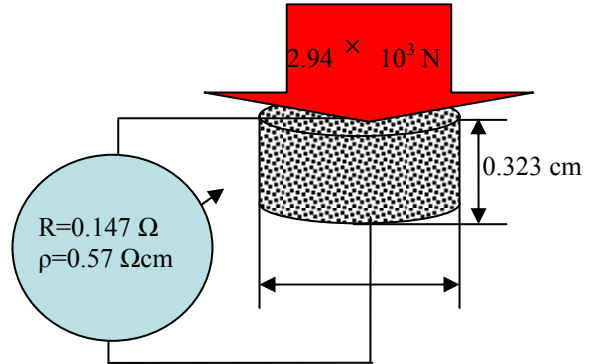


## Functionalized Material sample #2

CNSC cylinder compacted at  $2.94 \times 10^3$  N load (238 MPa pressure). Resistance measured at 0 N load

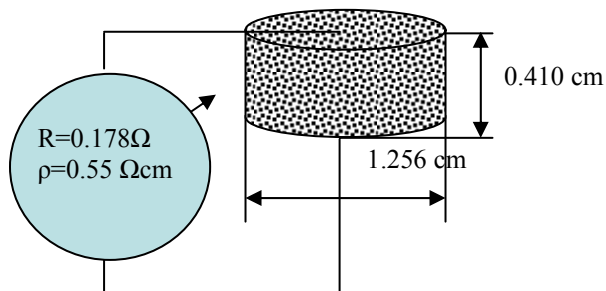


CNSC cylinder compacted at  $2.94 \times 10^3$  N load (238 MPa pressure). Resistance measured at  $2.94 \times 10^3$  N load

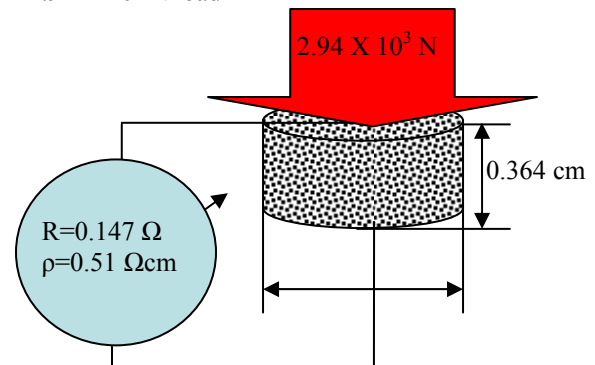


## Functionalized Material sample #3

CNSC cylinder compacted at  $2.94 \times 10^3$  N load (238 MPa pressure). Resistance measured at 0 N load



CNSC cylinder compacted at  $2.94 \times 10^3$  N load (238 MPa pressure). Resistance measured at  $2.94 \times 10^3$  N load



**Material Characterization completed by Dr. Vesselin Shanov and Dr. Mark Schulz from the University of Cincinnati.**

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