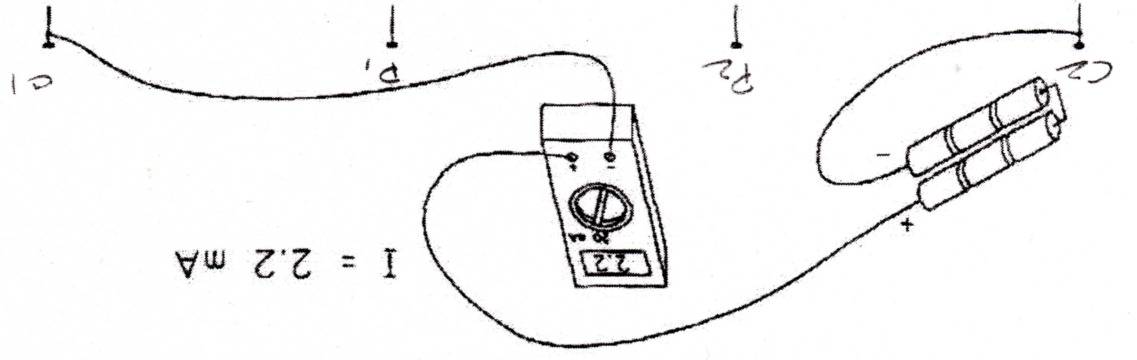


Fig. B1: A do-it-yourself resistivity meter. While this meter is very inexpensive, it will give you good measurements even though it is slow to operate.

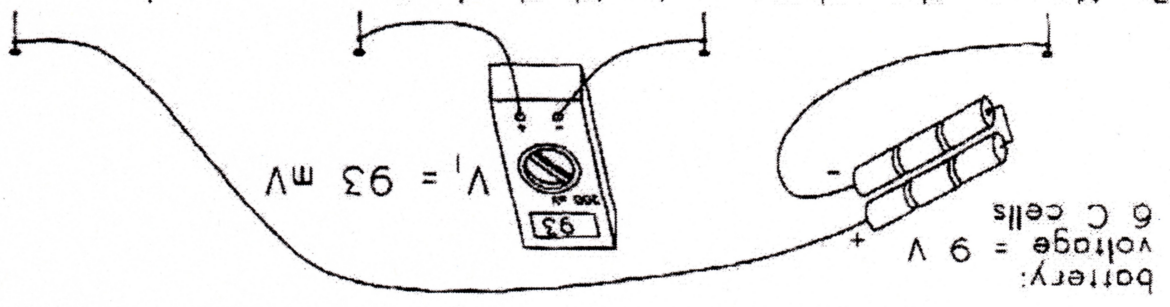
6: Calculate resistivity  $\rho = 2\pi s R = 2(3.14)(51) = 320 \text{ ohm}\cdot\text{m}$

5: Calculate resistance  $R = \frac{V_1 - V_0}{I} = \frac{93 - (-19)}{2.2} = 51 \text{ ohm}$

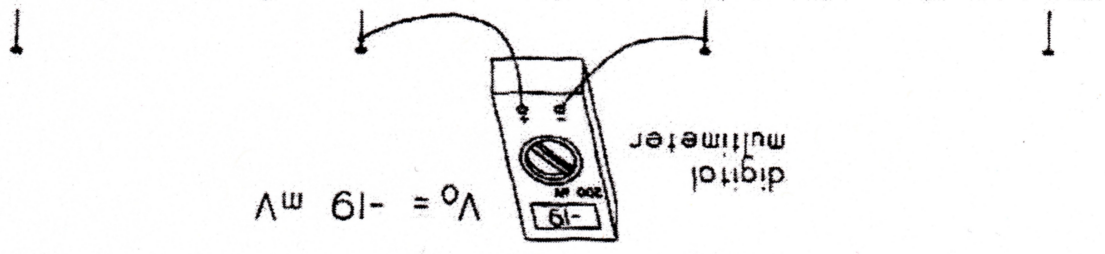
4: Measure the current between the outer pair of electrodes



3: Measure the voltage again with the battery connected



2: Measure the voltage between the middle pair of electrodes



1: Place 4 electrodes along a line

