

# Soil Resistivity Made Easy

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Where  $\rho$  (rho) =  $2\pi AR$

$$\rho = 6.28 \times A(305\text{cm}) \times R(\text{Dial Reading}).$$

$$\rho = 191.5 \times A(10 \text{ feet}) \times R(\text{Dial reading}).$$

$$\rho = 1,915 \times R(\text{_____}) \text{ "X" Axis.}$$

$$\rho = \text{_____} \text{ Ohm-cm.}$$

$$\rho = 1,915 \times R(\text{_____}) \text{ "Y" Axis.}$$

$$\rho = \text{_____} \text{ Ohm-cm.}$$

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$$\rho = 191.5 \times A(20 \text{ feet}) \times R(\text{Dial Reading}).$$

$$\rho = 3,830 \times R(\text{_____}) \text{ "X" Axis.}$$

$$\rho = \text{_____} \text{ Ohm-cm.}$$

$$\rho = 3830 \times R(\text{_____}) \text{ "Y" Axis.}$$

$$\rho = \text{_____} \text{ Ohm-cm.}$$

Note: 6 in. = 1/20 of 10 Feet