

SCINTREX

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V_s is calculated from the V_p and chargeability data using the formula

$$M = \frac{V_s \ 1000}{V_p} \quad \text{in mV/V}$$

$$\text{where } V_s = \frac{t^1 \int_{t^1}^{t^2} V_s \ dt + V_x}{t_r}$$

t^1 = time at beginning of slice.

t^2 = time at end of slice.

V_x = residual transient voltage at the end of the automatic self-potential correction.

$t_r = t^2 - t^1$ i.e., the integrating period.

Therefore V_s is a direct measure of the secondary voltage in millivolts.

Respectfully submitted on behalf of

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