

Formation resistivity

[@wikipedia](#)

Specific electrical resistance of the [rocks](#)

Symbol	Log name	Units
<i>R</i>	RES	Ohm · m

Inverse to [conductivity](#):

(1)

$$R = \frac{1}{\sigma}$$

See also

[Formation conductivity](#)

[Resistivity Logging](#)

[Petrophysics](#)