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Based upon Table

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$2.82 \times 10^{-8} \text{ } \Omega \cdot \text{m}$,

and aluminum is a

conductor. 2.2 Based

upon Table 2.1, a

resistivity of $10^{15} \text{ } \Omega \cdot \text{m}$

$> 10^5 \text{ } \Omega \cdot \text{m}$, and

silicon dioxide is an

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insulator. 2.3 2.4 a (
29 $R = ?$ $L A = 2.82 \times$
 10^{-6} cm (29 1.8 2
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