

## Worksheet # 3

### Multiple Rod Calculation

You have decided to use 6 ten-foot rods rather than 1 deep driven rod system to try to achieve  $25\Omega$

How far apart should you place the rods from each other?

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Calculate the parallel resistance of the six rods.

If you drive 1 rod and measure its grounding resistance and you see that it is  $100\Omega$

What is the calculated parallel resistance of the 6 rods if you assume that they each measure  $100\Omega$ ?

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What is the adjusted value of the 6 rod combination based on the multiple rod calculation chart? \_\_\_\_\_