

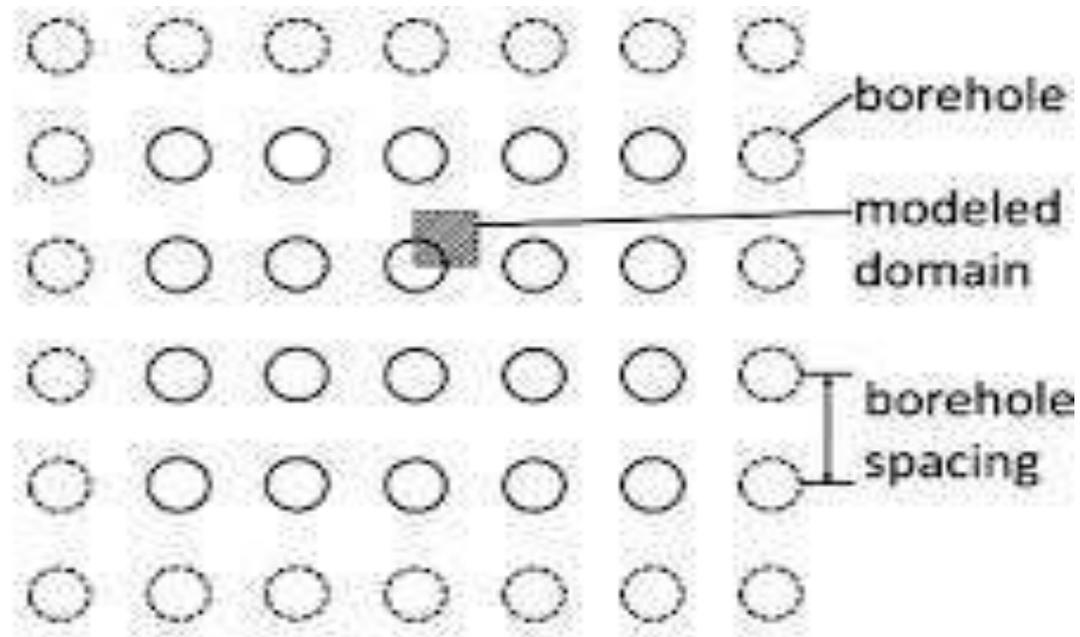


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Spacing Boreholes



(a)



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Spacing Boring

There are no hard and fast rules for the spacing of the boreholes. The following table gives some general guidelines for borehole spacing.



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- **These spacing can be increased or decreased, depending on the subsoil condition. If various soil strata are more or less uniform and predictable, the number of boreholes can be reduced.**



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SOIL SAMPLING

It commonly refers to the analysis of a soil sample to determine nutrient content, composition, and other characteristics such as the acidity or pH level

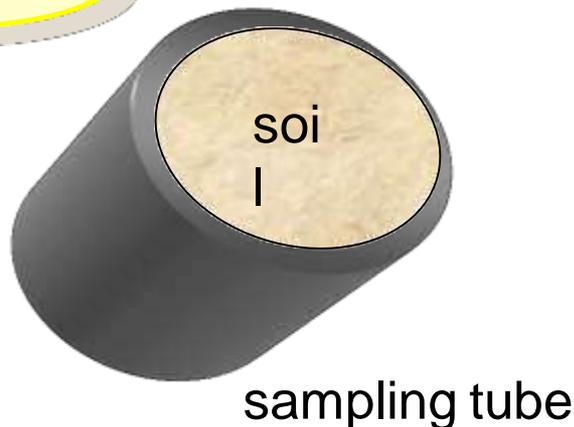




Disturbed vs Undisturbed

- Good quality samples necessary.

$$A_R < 10\%$$



$$A_R = \frac{O.D.^2 - I.D.^2}{I.D.^2} \times 100 (\%)$$

area ratio

- Thicker the wall, greater the disturbance.



Disturbed vs Undisturbed

- samples (disturbed) collected in split-spoon sampler

$A_R = 112\%$; use
for classification



I.D. = 35 mm
O.D. = 51 mm

