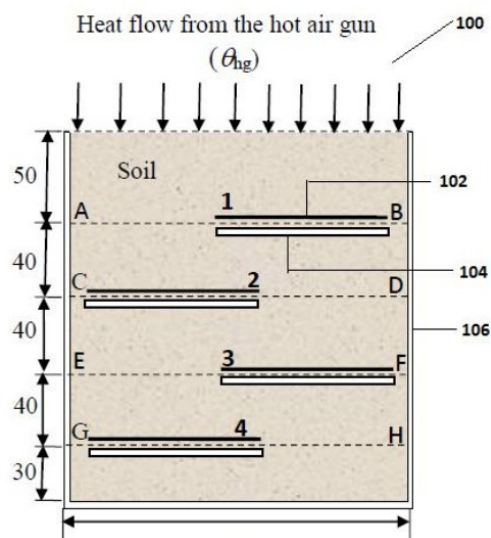


A Method to Determine Thermal Conductivity of Soil from Thermal Flux Measurement

- This invention relates to a method for determining the thermal conductivity of soil from thermal flux measurement.
- Method comprises positioning a sample, providing four flux sensors coupled to a plurality of thermocouples
- Flux sensors are embedded sequentially from top to bottom throughout the sample, the flux sensors and thermocouples are further connected to a data logger to measure heat flux of soil and computing thermal conductivity from the measured heat flux.
- Temperature is varied using hot air gun



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