

Tesu SZZ d.o.o.



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AIM/OBJECTIVE

To determine the SPT N values for profiling, soil classification, determination of geotechnical parameters of the soil at different soil strata in the field

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THEORY

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- First suggested by Terzhagi in 1947
- Purpose - To find the **Allowable Bearing capacity of soil**
- BS 1377 Part 9- Provides Procedure

Theory.....

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What happens in this Test....!

A cylindrical Barrel is Penetrated into soil by use of standard weight.

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HOW...!

- A borehole is made into the soil.
- The cylindrical barrel is placed inside the borehole
- The weight (**63.5 kg**) falls from standard height (**760mm**) to penetrate the soil
- Number of blows is counted for **300mm** penetration

Equipment / Apparatus

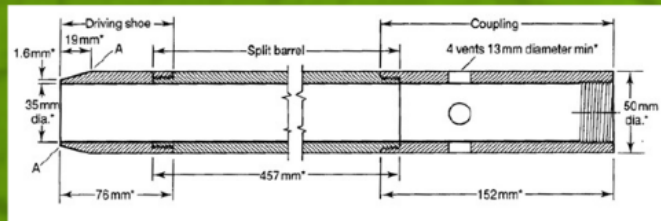
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1. A Split- Barrel or cylindrical container made of steel (Split- Spoon Sampler)
2. A steel hammer of weight 63.5 kg
3. A tripod to lift the hammer to height of 760mm.

SPLIT- BARREL



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SPLIT SPOON SAMPLERS

Move curser over names for more information

SPLIT SECTION



HEAD



RETAINER



SHOE



COMPLETE SAMPLERS

SPACERS, LINERS, FLAP VALVES

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