

Piezometer

Purpose

To monitor porewater pressure and piezometric water levels.

Types

- I) Casagrande piezometer
- II) Pneumatic piezometer
- III) Vibrating wire piezometer

Applications

Monitor pore-water pressure to determine the stability of slope, embankments and landfill dikes;
ground improvement techniques such as vertical drains, sand drains and dynamic compaction;
dewatering schemes for excavations and underground openings;
seepage and ground water movement in embankments, landfill dikes and dams;
water drawdown during pumping test.



Pneumatic Piezometer's filter tip



Vibrating Wire Piezometer's filter tip



Casagrande Piezometer's filter tip



Piezometer Monitoring