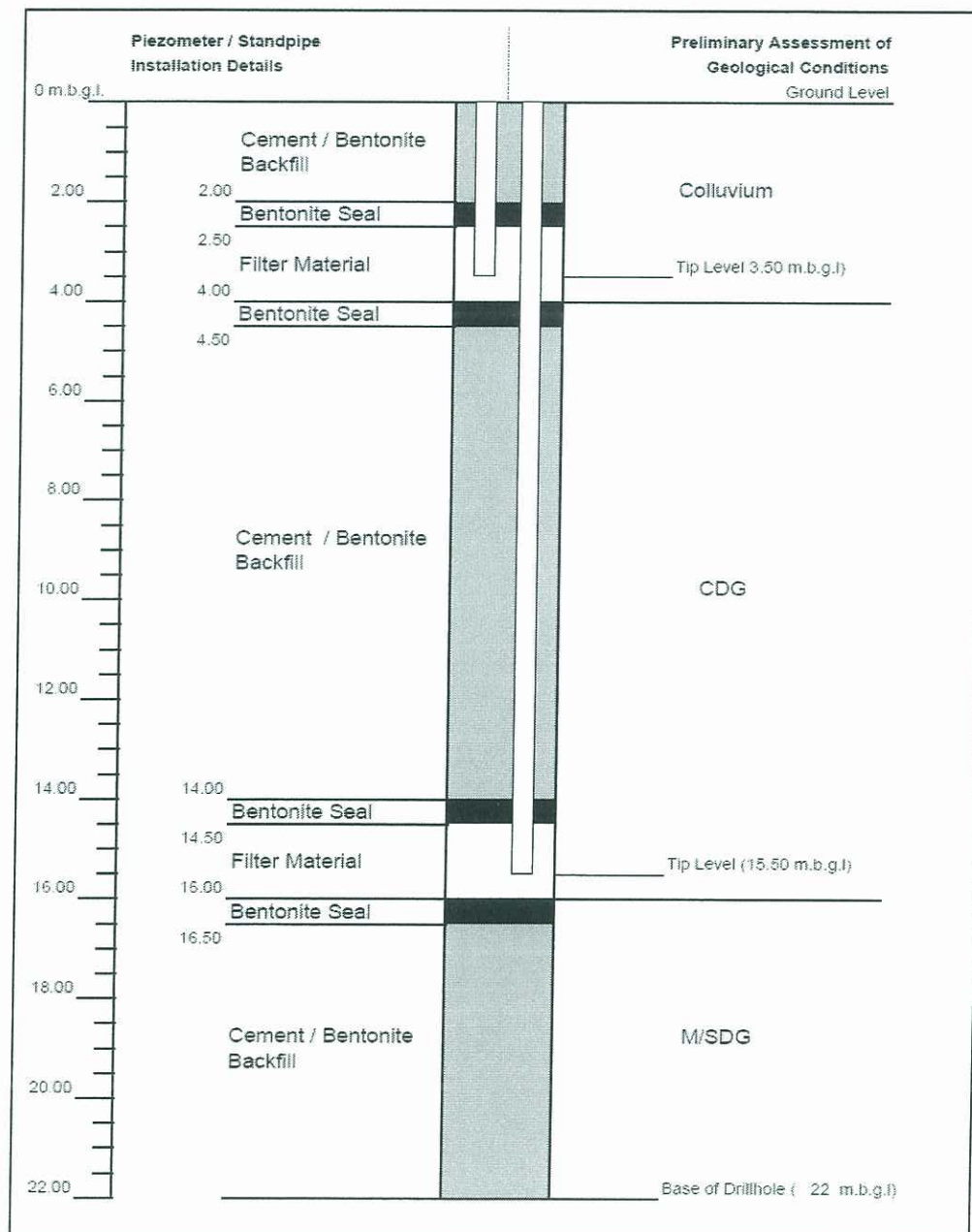


Recommended Good Practice for Piezometer Installations

- 1 Avoid the use of open standpipes unless specifically instructed by the Design Engineer
- 2 Review geological conditions and complete the proforma prior to instructing the Contractor
- 3 Response zones should typically be between 1.5 m to 2.0 m. Longer lengths can be specified provided the response zone remains in similar strata throughout.
- 4 Response zones that straddle two geological strata should be avoided.
- 5 Piezometer tips should be installed 500 mm above the base of the response zone.
- 6 The top and bottom of the response zone should be sealed with min 500 mm bentonite seal.
- 7 1:1 cement bentonite backfill should be used to backfill remaining areas of the drillhole.
- 8 Typically, no more than 2 piezometers should be installed in a standard 101 mm diameter drillhole. Additional piezometers should only be specified for drillholes with diameter >140 mm.
- 9 A typical example of a 'good' piezometer installation is provided below:



- 10 However, installation requirements may vary based on project specific requirements. If in doubt, consult the Design Engineer.