

Indian Standard

IN-SITU PERMEABILITY TESTS

PART 1 TESTS IN OVERBURDEN — CODE OF PRACTICE

(Second Revision)

1 SCOPE

1.1 This Code (Part 1) specifies the methods, as mentioned in **1.2** and **1.3** out of a number of methods, of determining field permeability in overburden. These are more commonly adopted for civil engineering purposes.

1.2 Pumping in Tests (Gravity Feed in Drill Holes or Bore Holes)

- a) Constant head method (cased well, open end test);
- b) Falling head method (uncased well); and
- c) Slug method.

1.3 Pumping Out Tests

- a) Unsteady state;
- b) Steady state; and
- c) Bailor method.