

## METHOD SPECIFICATION FOR SOILS

Material Type	Examples
COHESIVE	Most clays soils, Includes cohesive soils e.g sandy soils
GRANULAR	Type 1 & 2 sub-base, hoggin, leanmix, C.B.G.B and C.B.G.M
NON - COHESIVE	Sand, P.F.A. Uniformly graded soils
BITUMINOUS	Base course and wearing course for flexible pavements

Application	Examples
Heavy Duty	Major civil engineering contracts including highways, dams, airfield & rail tracks
Medium Duty	Highway construction and maintenance, trench backfill and & haunching
Light Duty	Footpaths, driveways, patching, trench backfill & forecourts

### SPECIFICATION FOR HIGHWAY WORKS

Table 6/4: Compaction of Earthworks Material: Plant and Methods

The Specification contains seven Methods for various types of compaction plant

Each Method states the number of passes required for a compacted layer thickness

The Methods are:

Method 1	Wet cohesive material
Method 2	Stoney cohesive material Well graded granular material Dry cohesive material
Method 3	Uniformly graded granular material Silty cohesive material Granular drainage layers
Method 4	Uniformly graded granular material (below PFA layer)
Method 5	Course granular material (starter layer)
Method 6	Cement stabilized granular material Course and finely graded granular capping layers
Method 7	Lime stabilized cohesive material Cement stabilized cohesive material

### END PRODUCT SPECIFICATION FOR SOIL

The Department of Transport Specification for the compaction of fill materials around structures (bridges etc.) is **End Product** and requires compaction to a stated percentage of density (90 - 100% depending on material) achieved in tests.