

In Situ Geotechnical Testing

In Situ Geotechnical Testing is carried out on site to aid in the design and construction for any development site.

Plate Load Tests

Plate Load Tests are carried out on construction sites in order to verify settlement on fill materials and confirm potential foundation settlements and bearing capacities. In Situ CBR testing are carried out at the formation level to determine the condition of subgrade and therefore the appropriate thickness of capping required under roadways and hard standing. Rapid assessment of formation CBR values can be carried out using mexiprobe in appropriate materials.

Soakaway Tests

Soakaway test are carried out in trial pits and are carried out in accordance with BRE 365 with up to three tests per trial pit. Where poor drainage is encountered, REC can give provisional permeability results based on a single test or from borehole installations and falling and rising head tests.

Validation Sampling

REC carries out validation sampling (both geotechnical and chemical, based on the topsoil suite) from source materials including concrete crush, topsoil and onsite won materials together with potential contaminated materials to go off site (based on WAC analysis) and verification of cover thickness for garden and landscaping areas.



For further information on any of the REC Geo-Environmental services, or how we can assist you with your requirements, please contact **Paul Hird**, Senior Consultant on: 07918 766 901 or email: phird@recltd.co.uk. Alternatively further information can be viewed via our website www.recltd.co.uk.