Article published on June 13th 2012 | Business

Ground investigations can help in building better foundation and save substantial amount of money in any construction project. The comprehensive information achieved from ground investigation is really helpful in economical development of structure. The prime motive of  entire investigation is to build high quality buildings economically and achieve better economic targets.

ground investigations have to be done by expert ground engineers who are well aware of the important properties of soil. The first part of the process is to find out the soil type and rocks found in that specific area. These kinds of reports are often carried out by local geological boards. In case you are a construction company having doubt about the characteristics of the site, then it is important to consider a soil engineer and get test of soil samples from the area.

What are the different types of soil?

Ground investigation brings out the types of soil and their properties that help in construction at that site. Some of these soil types are given below.

Sand

Clay

Slit

Boulders

Gravel

After the classification of soil, next step is to find out the composition of grain particles. It helps in determining the type of foundation that will be best for that particular site. The investigation will help in finding the best foundation that will last for longer time. The importance of site investigation is more because the foundations based on these reports are responsible for bearing the load of the building and in short, for the strength of the building. It is important to consult an expert geo-technical engineer for best construction results and understanding the difficulties that may arise in future. You can hire independent contractors or agencies for this analysis and investigation process.

Article Source:
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Article Keywords:
ground investigations, ground investigation

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