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GEO

Build Engineering

GEO BUILD ENGINEERING INDIA PVT LTD

Strength of your sub & super structure

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Specialist in geo technical investigation work



www.geobuildengineering.com

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The only organization in south India dedicated to Geo-Technical consultancy services. We are Geo build engineering india pvt ltd in the field of Geo technical engineering and specialize in finding and recommending the best possible foundation for various kinds of construction works along with design calculations. We also specialized in conducting Soil Test. We also making a consultancy service for some specialized test and finding the best calculations for the designs.

We conduct detailed field analysis on site and other analysis at our well equipped laboratory. We are approved by various Public Sector Undertakings and State Governments. Our laboratory in Chennai is fully equipped with to carry out tests on soil and rock samples, complying with the Bureau of Indian Standards. We are members of Indian Geo technical Society. We firmly believe this field of Geo technical consultancy is a specialized and requires full attention to detail. We are wholly dedicated to this profession.

Field Work

Standard Penetration Test as per IS 2131: 1981
Rotary Drilling Boring & Sampling shell and Auger
Soil and Rock Drilling Rig
Cone Penetration test (CPT)
ERT - Electrical Resistivity Test IS -3043 : 1987
Plate load Test
Field density Test
Surveying
Marine Testing Works





Laboratory Tests

1. Moisture content
2. Specific gravity
3. Bulk and dry density
4. Grain size analyses
5. Liquid, plastic limits
6. Consolidation
7. Tri-axial comprehension :
 - *Unconsolidated un-drained
8. Unconfined comprehension
9. Direct shear
10. Unit weight of rock
11. Crushing strength of rock
12. Chemical analyses of soil
13. Chemical analyses of ground water
e.g. Determination of ph value,
Sulphate and Chloride content



Our Recent Projects

- * L & T Limited
- * Shapoorji Pallonji & co.ltd
- * Gammon India limited
- * Southern Railway
- * Chennai Metro Railway limited
- * Dholera international Airport @ Gujarat
- * Highway projects (NH45 & NH47)
- * Leitwind (wind project)
- * Arcadis (EFA)
- * Ruhrpumpen India Private Ltd
- * Hindustan Construction Company Ltd
- * URS Consulting India Private Limited
- * Walton International Group Limited
- * Bharat Petroleum Corporation Limited
- * Chennai corporation work (TMS & CO)
- * Bhoomi & Buildings
- * Swathi Builders
- * RAMS Builders
- * Chandran Designs Consultants Pvt ltd
- * Southern Agro Engineering Pvt Ltd .
- * Iswarya builders & Iswarya Associates
- * Span Engineers at R.A puram, ECR Pattipulam
- * Anandan Associates at T.N.H.B
- * Rock builders and R.K.Design Engineers
- * Shree neel construction corporation Engineers & builders



Important Projects Where We Are Associated

- * Industrial structures
- * Power Stations / coal handling plants
- * Sugar Mills & Textiles Mills
- * Paper Mills
- * Steel Plants
- * Factory complexes
- * Water towers
- * Oil Tank
- * Effluent treatment plants
- * Bridges on land & in water
- * Multistoried Structures
- * Miscellaneous