

Soil Sampling & Assessment

With a track record spanning 40 years, FMG Engineering is recognised nationally for our expertise in residential soil testing, especially in highly reactive soil environments. Our clients include some of Australia's most prestigious home building and residential development companies.

Our residential soil test package includes the following advantages:

Quick turnaround times

Our 'in house' drilling capability enables us to provide soil test results and site classification within 5 - 7 working days, in some cases even less.

Up to date to with the latest regulations

Our academic background means an intimate knowledge of Melbourne soil types and the latest Australian Standards, especially the new AS 2870-2011 regulations.

We have close affiliations with industry bodies such as HIA and MBA to keep abreast of the latest industry requirements and technologies.

A full geotechnical investigation

We provide a minimum of 3 boreholes per lot, including one 3m deep borehole.

Our drill rigs have the capability to push sample tubes up to 6 metres deep and auger even further.

We have a mobile dynamic push tube system and hence are not limited by vehicle access.

Our samples are logged by our own experienced engineers.

Added value

Based on our assessment of each site, at no extra cost we will provide recommendations on footing types and founding depths, allowing for more accurate quoting.

Partnering with our clients

We form partnerships with our clients, becoming 'trusted advisors', offering technical advice and economic solutions for large and small, housing and commercial projects.

Optional Extras

For extensions or nearby properties we can undertake footing probes.

We can perform Level 3 site surveys.

We can provide wind assessments and Bushfire Attack Level (BAL) classifications for each site in accordance with AS4055 and AS3959-2009.

We can undertake percolation testing for soakage assessments.

Our experienced geotechnical engineers can organise further testing such as; Suction Testing, Shrink Swells, Moisture Contents, Dynamic Cone Penetrometer Tests, Soaked, Unsoaked and Estimated CBR's etc.

We can provide experienced engineers or technicians for site inspections.



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