

Geotechnical survey and foundation pile test



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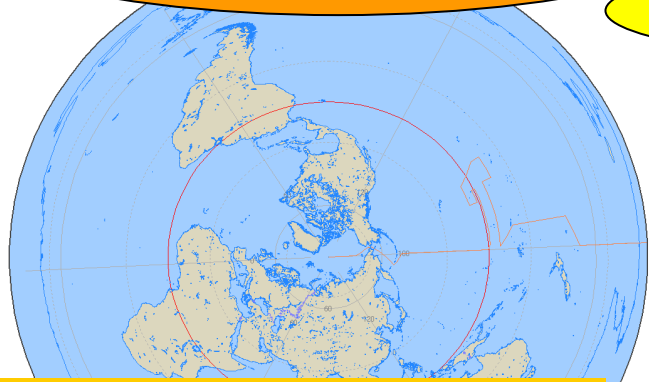
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Advance Geotechnical Research Institute Inc.

Geotechnical survey and foundation pile test



The global environment is one of the most important issues of this century. AGRI (Advance Geotechnical Research Institute) provides clients with various investigations and tests related to ground and foundation piles to guarantee the safety and security of structures, making full use of all the latest advanced technologies in order to build up a sustainable social environment.

In-situ Geotechnical test

Pile Integrity Test

Concrete NDT Test

Pile Load Test

Static/Dynamic/Rapid Load Test

Vertical/ Pull-Out/Lateral



Compressive/Tensile Load Test

Soil contamination survey

Groundwater contamination survey

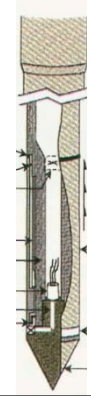
waste disposal survey

Brief Survey

Specific Analysis



SPT (Standard Penetration Test)
CPT (Cone Penetration Test)
LLT • In-situ Plate Loading Test



PIT

Pile Damage
Pile Length



Rebar

Rebar Detector

Rebar Cover, Dia. Number,
Arrangement

ACT

Acoustic
Tester

Wall Thickness
Strength
Elastic Modulus

CHA

Coring
Schmidt
Hammar



PDA



Pile Dynamic Load Test

Pile Rapid Load Test

Direct Sensing Narrowing Surveys

Detecting soil properties and degree of
contamination with cone sensors

Soil layer composition, c' , ϕ' , pore water

→ CPT

Discovery of coal tar, diesel oil, gasoline, etc.

→ Video Cone

Detection of luminous fuel oil (aromatic hydrocarbons)

→ FED

Distribution depth of VOC contamination

→ MIP