

CAPABILITY STATEMENT 12—MARINE GEOTECHNICS

Geotechnical Investigations for Marine Structures and Dredging

MARINE INVESTIGATIONS



Marine infrastructure and dredging projects are generally significantly more expensive than similar land-based projects. Specialised equipment has been developed to deal with most conditions and it is essential that designs are appropriate for the ground conditions and correct equipment is mobilised at the start of any project to ensure that the project meets budget and programme requirements. In recent times, dredging and marine piling projects have result-

ed in some of the largest cost and schedule blow-outs and contractual claims. A good geotechnical investigation and a good understanding of the construction principles is therefore a must to minimise the unknowns.



GALT GEOTECHNICS

Our engineers have been closely involved in geotechnical investigations, design and construction supervision on the nearshore marine components of most of the largest mining and oil and gas projects in Western Australia, in recent times. These include:

- Gorgon LNG Project on Barrow Island
- Wheatstone LNG Project
- Nelson Point Berth A & B Upgrade
- Sino Iron Project at Cape Preston
- James Point Project
- Cape Lambert Port B
- Ichthys Gas Field development (near Darwin, Northern Territory)
- Fremantle Port
- Dampier Cargo Berth Expansion
- Costa Azul Breakwater Project (western Mexico)

Galt has close relationships with several large geotechnical drilling companies with nearshore drilling capabilities as well as marine geophysical survey contractors and consultants.



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