

The background of the entire page is a low-angle photograph of a construction site against a clear blue sky. A large, dark, curved pipe or cable dominates the foreground, curving from the bottom left towards the center. In the upper right, there is a complex white metal structure, possibly a crane or part of a building's framework, with a yellow mechanical component attached. The lighting is bright, suggesting a sunny day.

# **GHD** Geotechnical

WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

**We see geotechnical engineering as a science – the art of determining the properties of an unseen and variable material to produce structures that are safe, reliable and cost effective. With us, you can expect client centric service through the investigation, analysis and design of your project.**

## Services

### Investigation

- Geological and hydrological
- Foundations
- Material resources
- Survey and mapping
- Contaminated sites

### Analysis

- Slope stability
- Bearing pressures
- Seepage
- Seismic risk
- Groundwater

### Design

- Foundations and mine planning
- Underground openings
- Retaining walls and pavements

With more than 75 years' experience, GHD was the first services provider to pioneer technology in Australasia for:

- Compacted rockfill
- Concrete faced dams
- Post-tensioned dams
- Roller compacted concrete dams
- Dams on soft ground
- Chemical grouting of foundation soils
- Slurry trench cut-off and filters

For further information, contact:

#### **Kim Chan**

**T** 61 2 9462 4843

**E** kim.chan@ghd.com

