

Little Jack Big Job

IGS News

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Geotechnical Services

- CPT & Piezocone
- Dilatometer
- Seismic Dilatometer
- Vane Shear
- Tee-Bar
- Piston & Eziprobe Sampling
- Piezometer Installation
- In Situ Permeability

Field Fleet ("the girls")

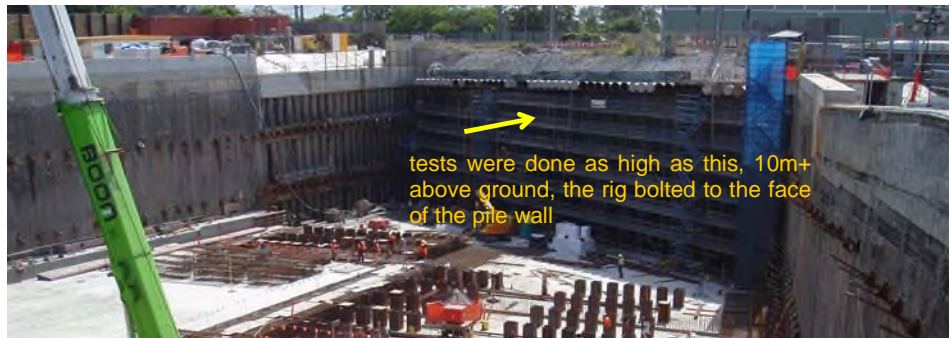
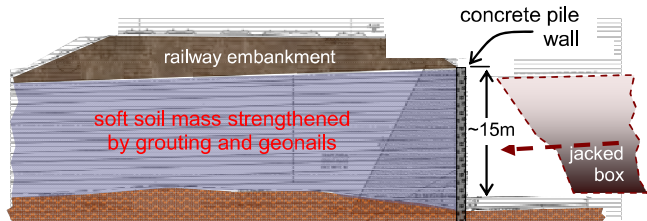


Baby Jayne – 15t portable



A New Challenge

How to "prove up" the strength of a massive block of grouted and nailed soil under a rail embankment - prior to installing a jacked box tunnel below the busy operating railway tracks?

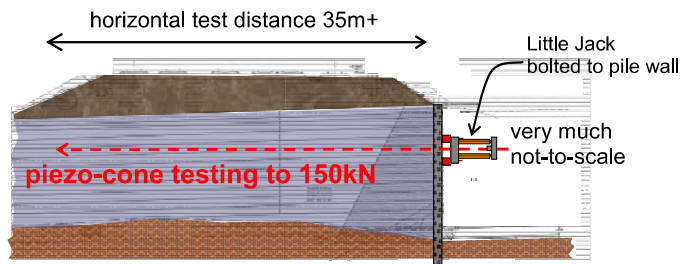


Airport Link Project - Brisbane

The Solution

IGS worked closely with the JV (Thiess John Holland - TJH) to mount "Little Jack" on the face of the pile wall.

Then we CPTu tested to 35m+ horizontally, through the embankment, below the tracks.



Our client TJH, gave us permission to discuss this project and use these photographs

reducing geotechnical uncertainty