



IGS News

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Geotechnical Services

CPT & Piezocone

Dilatometer

Seismic Dilatometer

Vane Shear

Tee-Bar

Piston & Eziprobe Sampling

PPI Piston Sampling

Piezometer Installation

In Situ Permeability



Our First Project In PNG.

The Horizon Oil project in Western Province. Working with GHD Geotechnics' Sydney team



Our Team

The Equipment We Used

We built a new modular rig for the job. It packs up in tidy lift-and-transport boxes - sized for transport by 'plane and helicopter. The kit includes CPTu, DMT, sampling gear and a shear wave generator for seismic DMT testing. The rig can push up to 150kN.



Moving Around

Rig and crew moved between test sites by helicopter.

Testing

At some test sites we moved and ballasted the rig by heavy excavator. This was in places where such an excavator could go.



In The Jungle

At jungle-bound test sites test reaction was provided by jack-hammered-in Platypus anchors. These sites were hacked out of the jungle by hand. Crew and rig access was by helicopter.

We thank GHD and Horizon Oil (Papua) Ltd for permission to make this newsletter.

reducing geotechnical uncertainty