



# 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



### The Challenge

Our client Oil Search had five remote sites to investigate along the remote Kikori River in PNG.

### The Solution

IGS undertook high quality piezocone tests and DMT test profiles at each site - over a period of 14 days. It was very efficient.

### The Tactics

Our PNG rig "Little Meri", was transported by helicopter and ballasted by water tanks (to 6t).

### The Data

As good as it gets. Tests went to 47.5m. Precise soil profiles were obtained. Shear strength and compressibility parameters were defined.

### The Client

Is happy with the outcome.



We thank Oil Search Limited for permission to make this newsletter, and we acknowledge Madsen Giering as the project's design engineers.

## reducing geotechnical uncertainty

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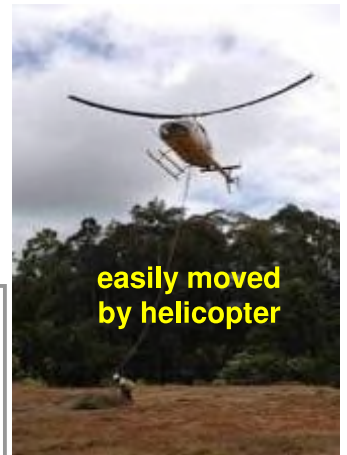
## RIG DATA SHEET

## LITTLE MERI (PNG Rig)

13 November 2014

Multi-purpose “configurable” rig  
 Year Built: 2014  
 Mass – approx 1700kg (all up)  
 Breaks down into 500kg max packages  
 Push capability (up to 150kN)  
 depends on mounting arrangement

- Test Types:
- all IGS test types
  - all IGS samplers
  - All IGS extras - eg standpipes



Little Meri, our second “Jack-in-the Box” rig can be configured in many ways.

This versatile rig is specifically designed to be “handy” for work over water off a hired barge or a jetty, or a bridge deck, or similar

- travel to site on a trailer or truck or ute or in a container
- neatly packed in liftable boxes
- work from wharf or jack-up – simply bolt to the deck
- be rotated for horizontal (or any) test orientation
- be quickly “aligned” for testing using adjusting bolts
- push to 150kN – ballasted or tied by any means

