



Additional Probedrill Testing Services

This flyer has been provided for your information – please feel free to forward on to any relevant parties....

Did You Know??

In addition to our general geotechnical testing services, Probedrill can also offer:

One or Two Geophone Seismic Testing

Typically most Seismic CPT (SCPT) is conducted using a cone with only one Geophone, known as a Pseudo Interval test. However, Probedrill have SCPT cones with two geophones (separated 1m apart) which enables a True Interval measurement of the shear wave velocity in the one-metre layer.

This has the advantage of reducing error in seismic wave source repeatability and trigger effects.

Both one geophone and two geophone SCPT cones are charged out at the same price.

If you are interested in taking advantage of the two geophone SCPT cone, please ensure you advise the office when making your rig booking.

Resistivity/Conductivity Cone

Probedrill has a resistivity/conductivity module which can be used to evaluate the degree of contamination of a soil containing electrolytes. This method may also be useful in identifying zones with increased concentrations of nitrites and nitrates, sulphates, calcium and magnesium compounds or concentrations of heavy metal.

The conductivity method can also determine the range of fresh and salt water in sub-soil.

There are many applications where the conductivity cone can be used.

Water Sampling

Each Probedrill CPT Rig is equipped with its own manual pump (sipper) which can be used to retrieve water samples from an installed 20mm standpipe.

A 12 volt water sampling pump is also available upon request, and can be used to obtain discrete water samples. This can be useful when targeting specific water table depths or perched water sources.

There is no charge to use our water sampler if the client uses the pump or sipper to collect samples (client to provide sample containers).



11t Tracked Rig (M2) Based in Port Hedland

We still currently have our 11 tonne tracked mounted CPT Rig (M2) permanently based in **Port Hedland**.

This means we can provide reduced mobilisation/demobilisation costs for any North-west work.

Please contact the office if you have any potential work in the area and interested in obtaining a quote.



International Conference on Geotechnical and Geophysical Site Characterisation

Brett Edwards (Director, Probedrill Pty Ltd) will be attending the Fifth International Conference on Geotechnical and Geophysical Site Characterisation ISC'5 to be held at the Gold Coast, between 5-9th Sep 2016.

This is a major event congregating the world's best in site characterisation. With nine keynote lectures and special session reports covering the latest trends in the topics listed below:

- Penetration testing
- Pressuremeter / Dilatometer
- Interpretation of in-situ tests
- Design using in-situ tests
- Developments in technology and standards
- Liquefaction
- Characterisation of residual soils, pavements and fills, rock and non-standard soils
- Environmental testing
- Laboratory testing and sampling
- Application of statistical techniques
- Geophysics.....