



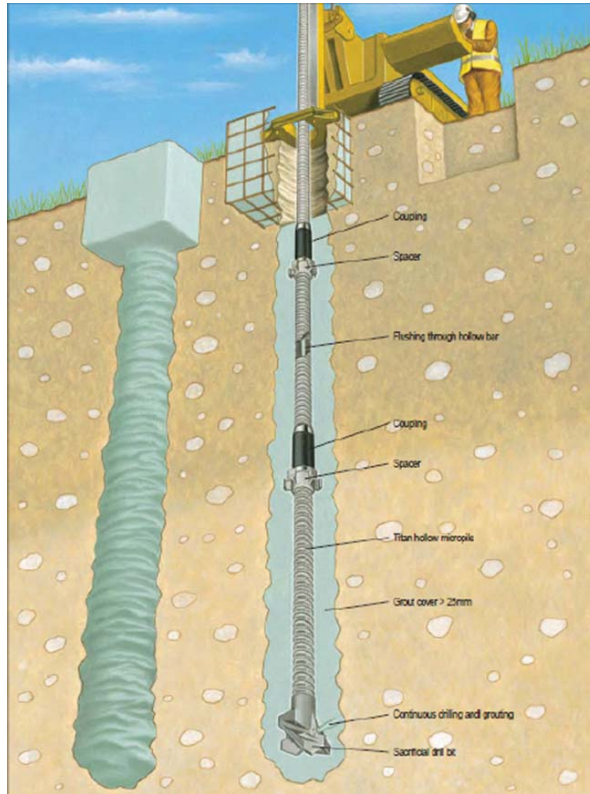
PCA Ground Engineering

Formed in 2009 to introduce state of the art micropile technology into the Australian market place, PCA have become the leader in micropile design and construction for both deep foundation and slope stability solutions using grout injected micropiles.

PCA is a sponsor of Engineers Australia and is an active member of both the International Society for Micropiles and the Australian Geomechanics Society. PCA have a commitment to providing training and resources to the industry to ensure designers and geotechnical engineers have access to worlds best practice information on design and construction of micropiles for deep foundations and slope stability



Micropile CPD Technical Seminar



PCA Ground Engineering is pleased to announce a 2 hour technical seminar covering worlds best practice information for the design and construction of micropiles for deep foundations and slope stability.

Micropiles are growing in popularity as a solution for stabilisation of road embankments and deep foundations, particularly where access is limited for traditional large piling rigs. This seminar is aimed at providing designers, supervising engineers and geotechnical engineers with the understanding of the latest worlds best practice procedures for the design and construction of grout injected micropiles.

Who should attend?

The overseas presenters are experts in their field delivering information that would be beneficial for engineers who make decisions on the type of ground engineering solution required for a deep foundation or slope. As such, we would recommend experienced designers and geotechnical engineers involved in investigation or supervision for slope stability and deep foundations to attend this seminar. Particularly those working in the fields of;

- Bridges
- Road embankments with slope stability issues
- Commercial and residential buildings
- Projects with limited access for machinery
- Uplift piles
- Transmission towers and power infrastructure
- Foundations involving poor soils, high water tables and collapsing ground

Cost : Free for members of

- Engineers Australia
- Australian Geomechanical Society

Non member cost is \$20

Location : Engineering House
447 Upper Edward St
Brisbane

Date : 21st March 2014

Time : 11:45 pm to 2pm

Light lunch provided

Limited seating numbers from the venue may result in registrations closing early.

Register : info@micropile.com.au or www.engineersaustralia.org.au/events-all

Presenters



Allen Cadden P.E., D.G.E

Mr Allen Cadden is Principal and Director of Strategic Development for Schnabel Engineering in the USA. Allen Brings more than 25 years of field, project engineering and management experience to the micropile industry. Allen is an active member of the International Association of Foundation Drilling and the Deep Foundation Institute. He also currently serves as Chair for the International Society for Micropiles and has published nearly 30 peer reviewed technical papers.

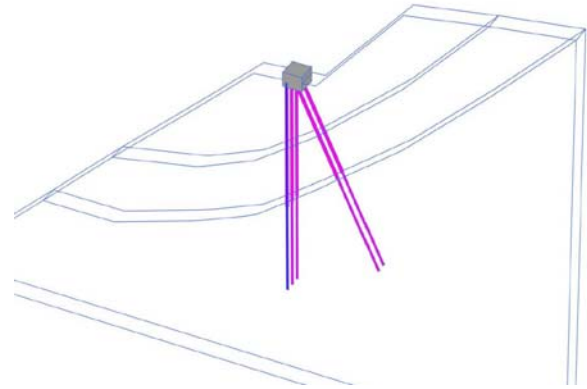
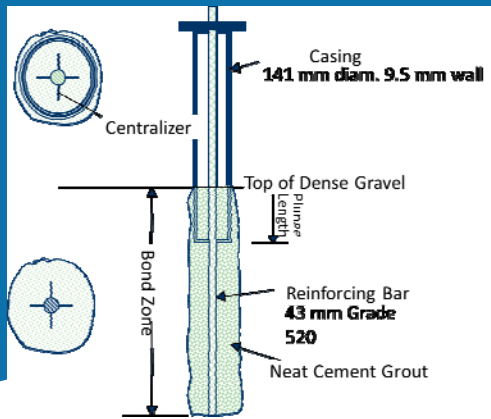
Allen is an experienced Engineer who has provided technical lectures around the globe relating to site exploration, shallow and deep foundations and ground improvement techniques.



Donald Bruce PhD, D.G.E.,
C.Eng., L.G., L.E.G

Mr Donald Bruce is the President of Geosystems L.P and has been involved with over 2,000 projects focused in the area of dam and levee remediation, deep foundations, quarries, mines and tunnels. Donald has consulted with various USA Federal agencies including the Federal Highways Administration who are the publishers of a globally referenced design manual for micropiles.

Donald is heavily involved in teaching and technology transfer with links to various universities and trade organisations. His presentation and training skills in the area of deep foundations and micropiles are well appreciated within the industry with Donald being a sought after speaker at international conferences around the globe.



Seminar topics

- History of micropiles
- Micropile design overview
- Codes, standards and design methods
- Micropile applications for deep foundations and slope stability
- Installation methods
- Testing and monitoring of micropiles
- Case Study # 1—Deep foundation
- Case Study #2—Slope stability



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