

Short Course on

“Geotechnics in Mining & Infrastructure Developments”

Organised by: Centre for Infrastructure Engineering and Management
and School of Engineering
Griffith University Gold Coast campus

Date: 26 August 2005

Speakers: Associate Professor David Williams

Venue: Building G27 (Business Building 2) Room 1.14
Griffith University Gold Coast Campus

One Day Course

This course aims to provide up-to-date information on “Applications of Geomechanics to Mining”.

Who Should Attend?

The course will be beneficial to post-graduate students, engineers and those who are in the design and analysis side of Geotechnical/Mining Engineering and Practice.

Contents of the Short Course

1. Geotechnical Issues in Mining

- Pit slope instability
- Waste rock dump stability, settlement and erosion
- Tailings bearing capacity, settlement, unsaturated conditions and erosion
- Co-disposal of tailings and waste rock
- Pyrite oxidation mechanisms for waste rock dumps and tailings
- Mined landform design
- Covers for waste rock and tailings
- Risk assessment and cost-effectiveness analysis

2. Waste Rock Examples

- "Store/release" cover design
- Slope design

3. Tailings Examples

- Covering soft tailings
- Hypersaline tailings in an arid climate

About the Speaker

Associate Professor David Williams is.

TENTATIVE PROGRAMME

26 August 2005 (Friday)

08:30	–	08:45 am	Registration
08:45	–	09:00 am	Opening
09:00	–	10:30 am	Session 1 - Geotechnical Issues in Mining
10:30	–	10:45 am	Coffee break
10:45	–	11:45 pm	Session 2 - Waste Rock Examples
11:45	–	12:45 pm	Session 3 - Tailings Examples
12:45	–	01:30 pm	Lunch
01:30	–	02:30 pm	Open Discussions

Venue: Building G27 (Business Building 2) Room 1.14, Griffith University Gold Coast Campus

Registration Fee (a minimum nominal charge is adopted to cover only the expenses).

For normal participants, \$77.00 AUD (includes 10% GST)

For students, \$38.50 AUD (includes 10% GST)

You can obtain additional information regarding the course by contacting

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Registration Form

Short Course on “Applications of Geomechanics to Mining”

Given Name:			
Last Name:			
Position:		Title:	
Organisation:			
Department:			
Address:			
State:		Postcode:	
Telephone:		Facsimile:	
Mobile:			
Email:			
<i>Please inform us of any special dietary requirements. The registration fee includes light refreshment, light lunch and handouts during the program.</i>			

Enclosed is my registration fee of:

- ☐ For normal participants, **AUD\$77.00.** (GST included).
☐ For students, **AUD\$38.50.** (GST included).

Cheque Payments:

Cheques or money order to be made payable in Australian Dollars to “**Griffith University**”.
In Australia, the ABN, required to be used for GST purposes, is **78106094461**.

Credit Card Payments:

☐ Bankcard ☐ Visa ☐ MasterCard

Card Number: _____

Expiry Date: _____

Name of Card holder: _____

Card Holder's signature: _____

Amount to be charged: _____

Please fax or mail the completed form (by 24 August 2005) to
Prof. A. S. Balasubramaniam, School of Engineering,
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Fax: +61 7 55528065

