Australian Acoustical Society
A.C.N. 000 712 658
NEW SOUTH WALES DIVISION

TECHNICAL MEETING

Blasting in the urban environment

Date: **Thursday 16 May 2013**

Venue: **Room G25, Electrical Engineering Building, UNSW, Kensington**
(location 'G17' on campus map attached)

Time: **6:30 pm**

Speaker: Kim Henley, Specialist Technical Services Engineer, Orica Mining Services

Drilling and blasting for civil construction is a process that is sometimes unnecessarily excluded from consideration in tenders and project specifications. However modern blasting technology has made breaking rock with explosives safer, more secure, and more productive than ever before.

This talk will cover some of the practicalities of blasting in built up areas. The talk will cover the management of the risk associated with this type of blasting, in particular vibration, airblast and flyrock, and the environmental monitoring regime that is used to measure compliance.

Kim Henley has over 20 years' experience in blast engineering. After graduating from RMIT, Kim worked in open cut mines in the Pilbara and Hunter Valley before joining ICI in 1984 as a Blasting Engineer. After briefly specialising in packaged explosives technology, he moved to WA to support explosive users in the Kalgoorlie goldfields and Kambalda districts. Over a period of 10 years he worked with mines in all parts of WA from the South West to the Kimberley. He moved to Newcastle in 1993 to provide support to the development of Safe and Efficient Blasting Courses, shotfiring procedures, vibration/airblast analysis and computer blast modelling. He left Orica in 2001 and re-joined in 2007 as Technical Services Manager of the Quarrying division, and moved into his current role in 2009.

Kim has broad expertise in blast design and the use of explosives, which encompasses ore dilution, wall control, fragmentation optimisation, heave measurement and modelling, fume management, vibration/airblast control, and flyrock assessment.

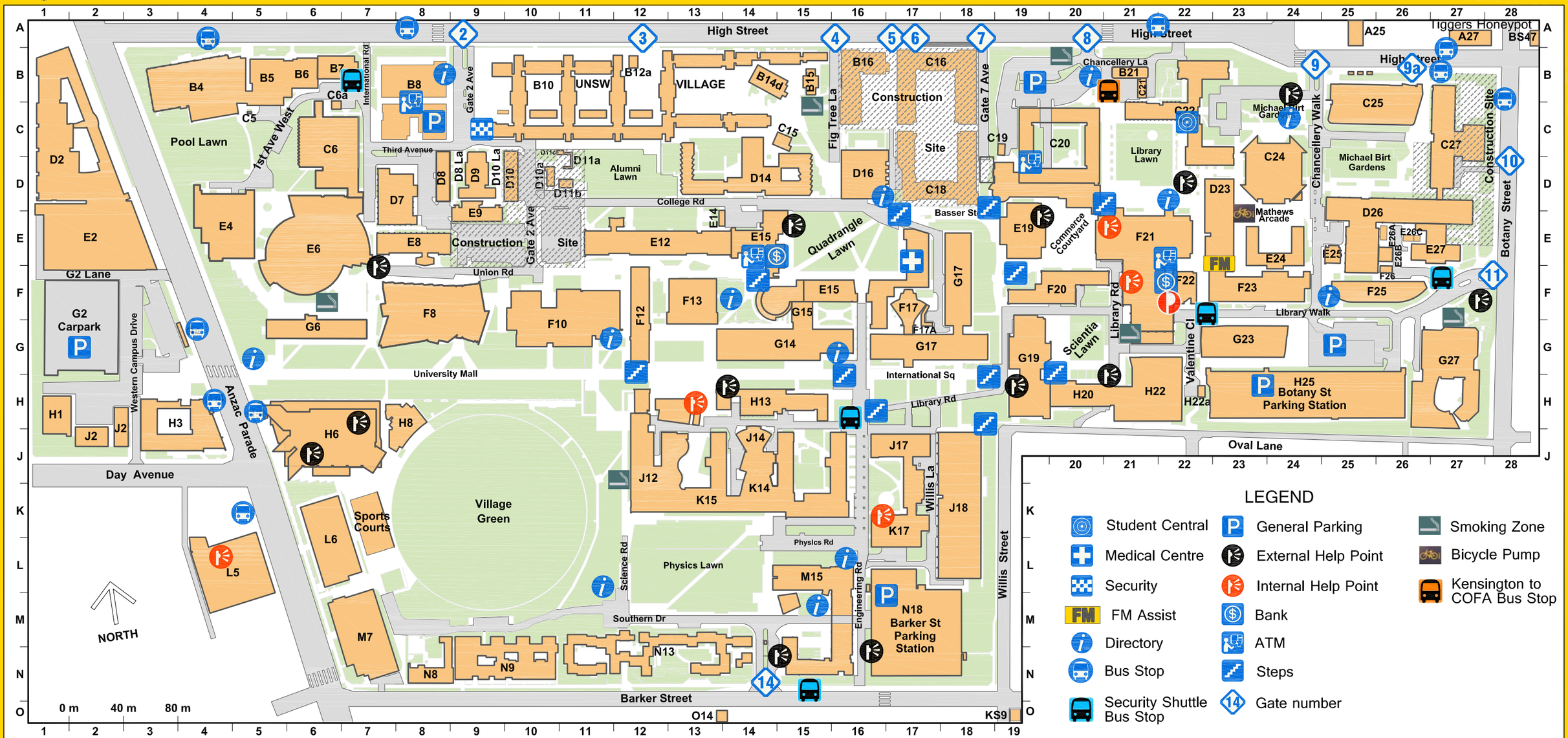
AAS members are welcome to attend.

Refreshments will be provided.

RSVP FOR CATERING PURPOSES BY

Tuesday 14th May 2013 to Tracy Gowen by email tgowen@renzotonin.con.au

Kensington Campus Map



LEGEND

- Student Central
- Medical Centre
- Security
- FM Assist
- Directory
- Bus Stop
- Security Shuttle Bus Stop
- General Parking
- External Help Point
- Internal Help Point
- Bank
- ATM
- Steps
- Gate number
- Smoking Zone
- Bicycle Pump
- Kensington to COFA Bus Stop

Buildings

223 Anzac Parade	L5
AGSM	G27
Australian School of Business	E12
Biological Sciences	D26
Blockhouse	G6
Building D10	D10
Chancellery	C22
Chemical Sciences	F10
Civil Engineering	H20
Computer Science	K17
Dalton	F12
Dangerous Goods Store	F17A
Electrical Engineering	G17
Golf House 38 Botany Street	A27
John Goodsell	F20
John Niland Scientia	G19
Law	F8
Library	F21
Lowy Cancer Research Centre	C25
Materials Science	E8
Mathews	F23
Mechanical Engineering	J17
Metallurgy Process	D7
Morven Brown	C20
Newton	J12
NIDA	D2
Old Main	K15
Pavilions	E24
Quadrangle	E15
Red Centre	H13
Robert Webster	G14
Roundhouse	E6
Rupert Myers	M15
Sam Cracknell Pavilion	H8
Samuels	F25
SIRF	G23
Squarehouse	E4
Tyree Energy Technologies	H6
Vallentine Annexe	H22
Wallace Wurth	C27
Willis Annexe	J18
University Regiment	H1
UNSW Fare (Mathews Arcade)	E24a

Student Accommodation

Barker Apartments	N13
Creston College	A25
Goldstein Dining Hall	D16
International House	C6
New College	L6
New College Postgrad. Village	H3
Philip Baxter College	D14
Shalom College	N9
Warrane College	M7
UNSW Village	B10
University Terraces	B8

Faculty Offices

Arts and Social Sciences	C20
Australian School of Business	E12
Built Environment	H13
Engineering	K17
Law	F8
Medicine	G27
Science	F12

Theatres

AGSM Theatres	G27
Allens Arthur Robinson	F8
Biomedical Theatres	E27
Central Lecture Block	E19
Chemical Sciences Theatres	F10
Civil Engineering (Room G1)	H20
Clancy Auditorium	C24
Fig Tree Theatre	B14d
Gonski Levy Theatre	F8
IO Myers Studio	D9
Keith Burrows Theatre	J14
Law Theatres	F8
Macauley Theatre	E15
Mathews Theatres	D23
New South Global Theatre	G14
Old Main Theatres (112)	K15
Parade Theatres	E2
Physics Theatre	K14
Red Centre Theatre	H13
Rex Vowels Theatre	F17
Ritchie Theatre	G19
Rupert Myers Theatre	M15
Webster Theatres	G15
Science Theatre	F13

Services

UNSW Residential Communities	D16
Admissions and Enrolments	C22
Alumni Association	C22
Arc @ UNSW	G6
Careers Employment Office	E15
Cashier	C22
Chaplains	E4
ARC CONTACT	E15
Coop program & Scholarship	F21
Counselling Service	E15
Equity and Disability Unit	F20
Facilities Management	F23
FM Assist ID Cards & Parking Permits	F23
Foundation Studies	L5
Freehills Law Library	F8
Graduate Research School	M15
Human Resources	C22
Institute of Languages	L5
IT Service Desk	F21
Kingsford Legal Centre	F8
Learning & Teaching Unit	F23
@unsw	
Library	F21
Lifestyle Clinic	A27
Marketing Development	C22
New South Innovations	M15
Nura Gili - Balnaves Place	G17
Optometry Clinic	M15
Physiotherapy Clinic	B5
Post Office	F22
Print Post Plus (P3) - Printing Services	F23
Religious Centre	E4
Research Services	M15
Security	H13
Sports Association	H8
Student Recruitment Office	F20
Squash Courts	B7
Swimming Pool	B4
The Learning Centre	C22
University Health Services	E15
UNSW Bookshop	E15
UNSW Sports & Recreation	B5
UNSW International Student Centre	H13
UNSW Scholarships	F21
UNSW Student Central	C22
Venues and Events	F23

Childcare Centres

Kangas House 52 Barker St	O14
House at Pooh Corner	N8
Tigger's Honeypot 22Botany St	BS22
Owl's House 9 Kennedy St	KS9

08/02/2013

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