



Engineering Group of the Geological Society



Afternoon Seminar

Date/time: 2.00pm Wednesday 20 May 2009

Venue: The Geological Society Burlington House, London

GEOTECHNICS IN THE QUARRYING INDUSTRY

Ten years on from the introduction of the Quarries Regulations 1999, this important event will provide a very timely opportunity to review the opportunities geotechnics, based on a sound understanding of engineering geology, can bring to the safe and cost-effective design, operation and management of quarries in the UK.

Commencing with an overview of the major mineral formations in the UK and their geotechnical characteristics, the seminar will go on to discuss the current key regulatory issues in the application of the Quarries Regulations 1999, consider approaches to integrating geotechnics into design and management, examine critical geotechnical activities and illustrate the processes with case studies from operators. Before concluding with a discussion session, the event will also consider the Mining Waste Directive and the wide-reaching implications on practice for the industry.

The speakers for this event are drawn from organisations across the industry offering regulatory, operatorial, management and design perspectives. The event is highly relevant to geotechnical and safety professionals practising in the UK quarrying industry and will provide an extremely valuable overview of some of the current and emerging challenges facing the industry with respect to the role of geotechnics in planning, design and operation.

Wine and refreshments generously sponsored by BAM RITCHIES will be provided following the event to allow attendees to stay and talk further to the speakers and other delegates.

Programme:

Start time	Activity
1.30	Registration / Tea and coffee
2.00	Welcome and introduction Ivan Hodgson (Chair of the Engineering Group of the Geological Society)
2.10	Brief overview of the quarried formations around the UK David Entwisle (British Geological Survey)
2.35	The Quarry Regs, competency and geotechnics Roy Bush (HM Inspector of Quarries)
3.00	Geology, geotechnics and working practice: Making the connection Craig Arditto (Tarmac)
3.25	The geotechnical consultant's role in the management of a hard rock quarry Richard Oldcorn (SRK)



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- 3.50 The effects of blasting on the surrounding rock mass
Dr Rob Farnfield (Exchem Explosives)
- 4.15 Experience in hard rock (structure-controlled) geotechnical issues for the operator
Stephen Penn (CEMEX)
- 4.40 Experience in sand and gravel geotechnical issues for the operator
John Sedman (Hanson Aggregates)
- 5.05 The Mining Waste Directive and its' implications to UK quarrying practice
Alan Cobb (GWP)
- 5.30 Discussion
Chaired by Patrick Cox (Capita Symonds and the Engineering Group of the Geological Society)
- 6.00 to 7.00 Close followed by wine and refreshments sponsored by
BAM RITCHIES

Convenor:

Patrick Cox

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REGISTRATION INFORMATION

Registration in advance is required for this event. Please simply contact the convenor with your request.