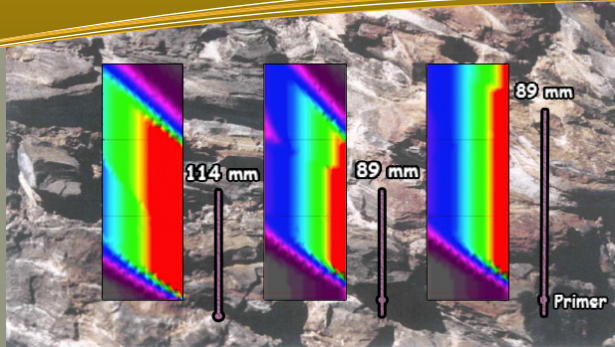




In this Issue

- Update – Blasting emissions
- New offering – Advanced Wall Control Blasting Short Course



Upcoming Events

The main events taking place at the moment are:

- Blasting emissions training - Central Qld
- RIIBLA601A Design surface blasts – under development
- RIBLA602A Establish and maintain a blasting system – under development
- Shoffirers Skill Set – under development

Update – Blasting emissions

Blasting Geomechanics Pty Ltd have recently completed the third RIIBLA404A Monitor and control the effect of blasting on the environment (Day 1) / Advanced blasting emissions (Day 2). We are planning for our next course to be in Central Queensland. In addition we would be happy to travel to any mine site to deliver this training in-house.

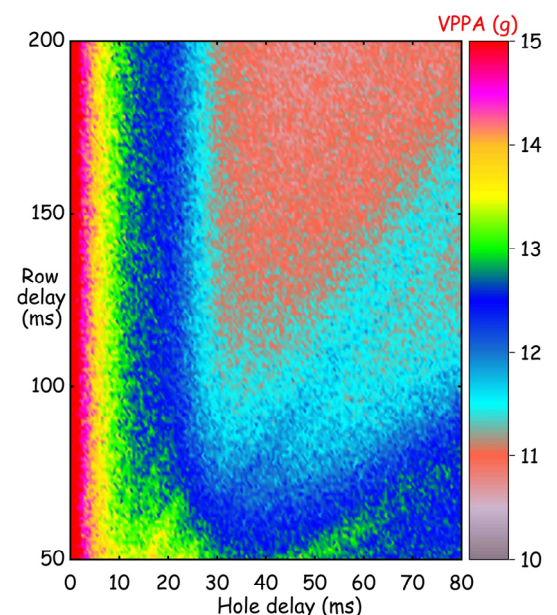
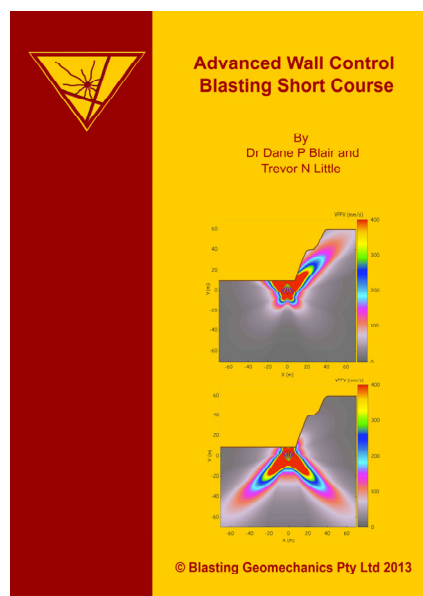
New “Advanced Wall Control Blasting Short Course”

Blasting Geomechanics Pty Ltd has recently developed and trialled a new two day Advanced Wall Control Blasting Short Course. Topics covered:

- Topic 1 Course introduction and context** - Objectives, blasting, risks and opportunities
- Topic 2 Wall instability and controls** – Design process, failures and controls, monitoring
- Topic 3 Controlled blasting techniques** – Terminology, WCB techniques, selection
- Topic 4 Wall damage overview** – Damage causes, measurement, analysis, modelling
- Topic 5 Blast induced wall damage** – Conceptual, analytical, numerical models
- Topic 6 Blast influence on wall damage** – Stress, priming, presplit, choked blast
- Topic 7 Controlling the wall response** – Charge wt, crowding, shielding, measurement
- Topic 8 Practical applications of wall control** - Implementation, damage-design link

Course highlight: Evidence is given to show that dedicated Trim Blasts are not essential for the control of wall damage. In this regard, it is concluded that carefully Modified Production Blasts can be fired directly onto final walls if implemented in a controlled manner. Diagram on right shows the wall vibration level as Vector Peak Particle Acceleration (g) for a large number of intra-row (hole delay) and inter-row (row delay) combinations for a particular blast design.

Course leaders: Dr Dane P Blair (Principal Consultant) and Trevor N Little (Director)



Services

Technical consulting
Training & seminars
Blast management services