BLASTING GEOMECHANICS PTY LTD



SERVICE INFORMATION SHEET BLASTING GEOMECHANICS Issue Number: BGTCSIS 1 Date: November 2013



Stress distributions (red level - 300 MPa) for three single blasthole configurations obtained from the BGPL Analytical Model for wave radiation from an explosive column.

Wall Control Blasting Support Service

Blasting Geomechanics Pty Ltd (BGPL) offer a surface mine Wall Control Blasting Service that includes: familiarisation with current practice, field measurement, analysis and modelling. The service may also include: audit, training, risk analysis and support for field refinements.

Benefits:

- Systematic optimisation approach Our approach (illustrated below) is systematic and involves evidence based refinements.
- **Technical justification** Our approach can also be used to give a technical justification for replacing dedicated trim blasts by modified production blasts.
- **Economic** Large economic benefits accrue due to more reliable slopes (less damage), as well as the operational flexibility of implementing a modified production blast against the pit wall.

Our approach:



BGPL technical consulting services

- Wall control blasting support
- Vibration control
- Rock shelter
 protection
- Flyrock risk and control
- Airblast control
- Environmental noise
 control
- Data analysis

BGPL Services

Technical consulting Training & seminars Management support