

Probabilistic analysis: Plot shows the probability of exceeding 100 mm/s on infrastructure for a given charge weight and distance.

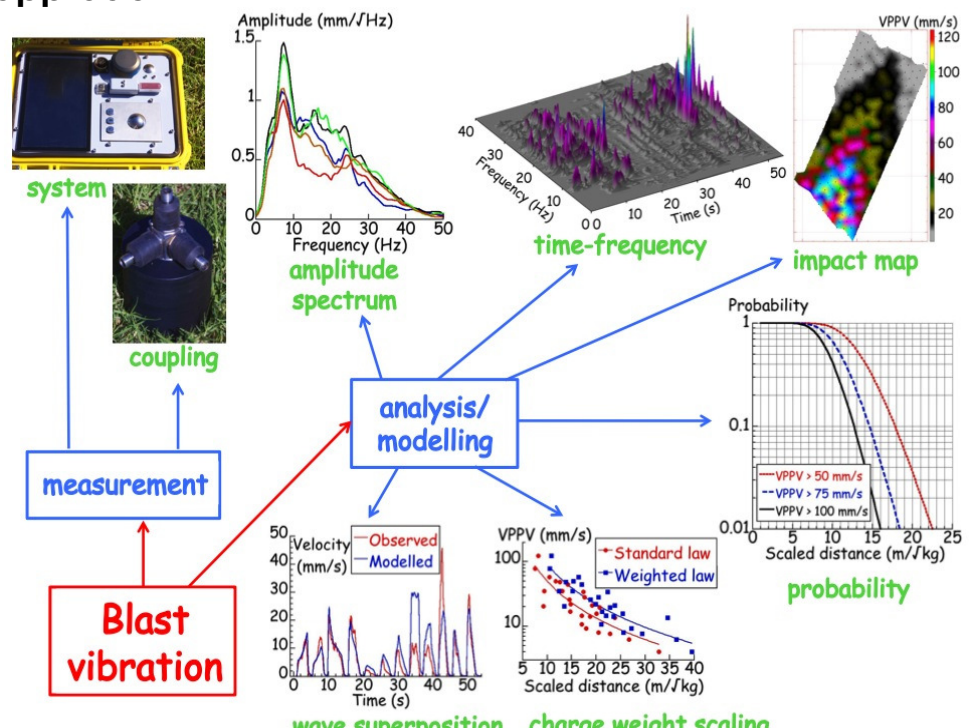
## Blast Vibration Control Service

Blasting Geomechanics Pty Ltd (BGPL) offers consulting services for vibration control. Blasting applications include: compliance monitoring, protection of infrastructure and optimising charge weight distribution throughout the blast pattern. The consulting service will involve the measurement, analysis, modelling, prediction and control of ground vibration. The service may also include: baseline auditing, advice on equipment selection, training and risk analysis.

### Benefits:

- **Community and regulatory acceptance** – Our approach will assist in reducing the number of legitimate complaints regarding blast vibration, which should lead to improved regulatory compliance.
- **Economic** – Our approach can be used to protect critical surface and underground infrastructure from excessive vibration.
- **Technical capability** – BGPL have extensive experience in the measurement, modelling, prediction and control of vibration. Our approach (illustrated below) gives all stakeholders confidence that a rational process has been used to minimise blast vibration.

### Our approach:



## BGPL technical consulting services

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

## BGPL Services

Technical consulting  
Training & seminars  
Management support