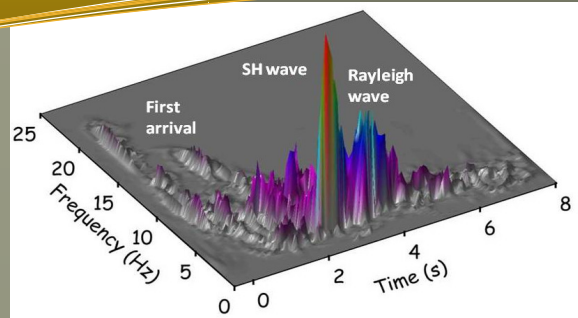


## BGPL technical consulting services

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



High resolution time frequency map showing the various wave arrivals and their frequency content.

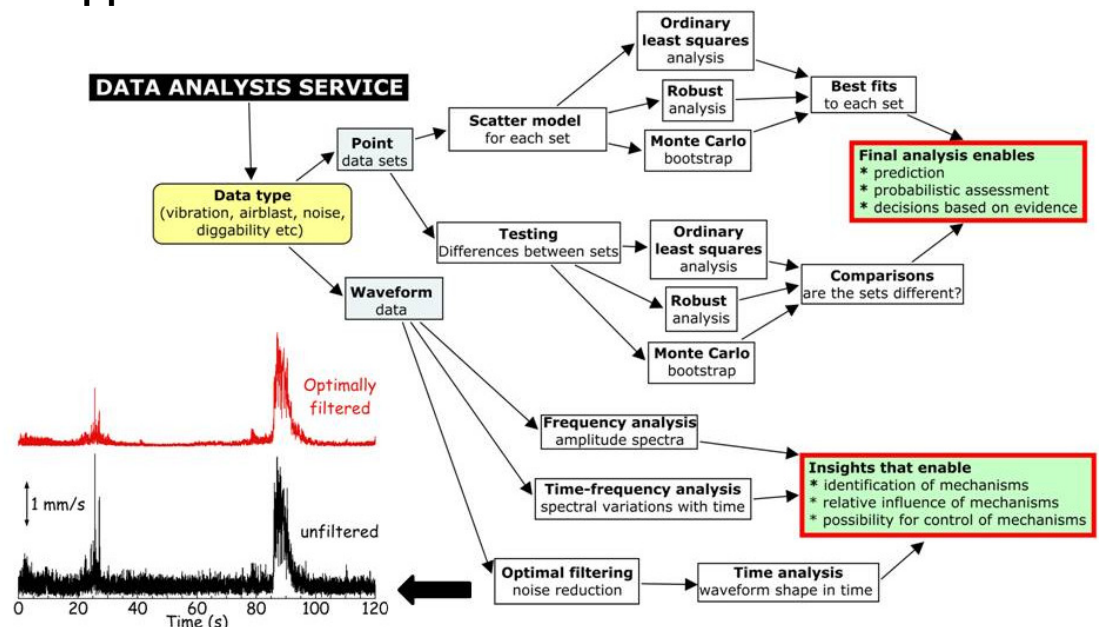
## Data Analysis Service

Blasting Geomechanics Pty Ltd (BGPL) offers a data analysis service to clients who want to extract the most useful and relevant information from their existing databases. In this regard, workplaces can be data rich but analysis poor. Such an imbalance can be corrected by utilising the BGPL analysis service. Even with limited data we have powerful techniques, such as the Monte Carlo Bootstrap, to obtain useful information. The consulting service will involve: review of data quality, detailed analysis (based on data volume and type), and client requirements. The service may also include: an audit of data collection practices, training and technology transfer.

### Benefits:

- **Getting the most out of your data** – It is very expensive and time consuming to collect field data. Thus it makes sense to ensure that the most useful and relevant information is extracted from such data sets. In this regard it should be noted that drawing false conclusions from poor analysis is worse than not analysing the data at all.
- **Decision making** – The statistical predictions and identification of underlying mechanisms allows the client to make informed decisions on courses of action and/or controls. Furthermore, the probabilistic analysis converts the results into the natural language of probabilities which can be used for risk analysis.
- **Technical credibility** – BGPL have extensive experience in data analysis and are regularly using all the analysis procedures. Our approach (illustrated below) gives all stakeholders confidence that a rational process has been used to maximise the value of data collected.

### Our approach:



## BGPL Services

Technical consulting  
Training & seminars  
Management support