



Unstable walls and slopes represent a major safety hazard. Wall failure causes safety risk and can lead to mine disruptions and increased costs. MAXAM's Technical Application Group (TAP) helps customers design their drill and blast operations to reduce the risk of such events.

APPLICATIONS

✗	Open pit
✗	Underground
✗	Tunneling
✗	Quarry

BENEFITS

Customer benefits include:

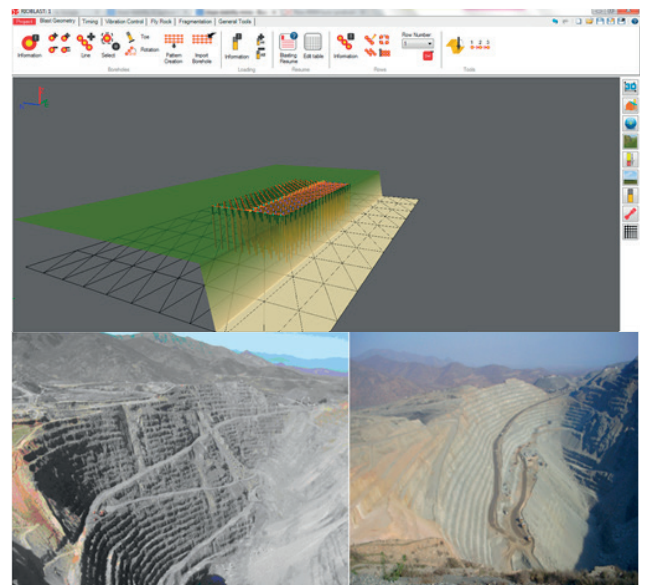
- ✗ Customized drill and blast plan given rock characteristics.
- ✗ Reduced mine disruptions.
- ✗ Reduced mineral loss.
- ✗ Reduced vibrations.
- ✗ Extended mine life in environmentally sensitive areas.
- ✗ Reduced blasting frequency.
- ✗ Increased blast size.

EQUIPMENT

Seismographs.



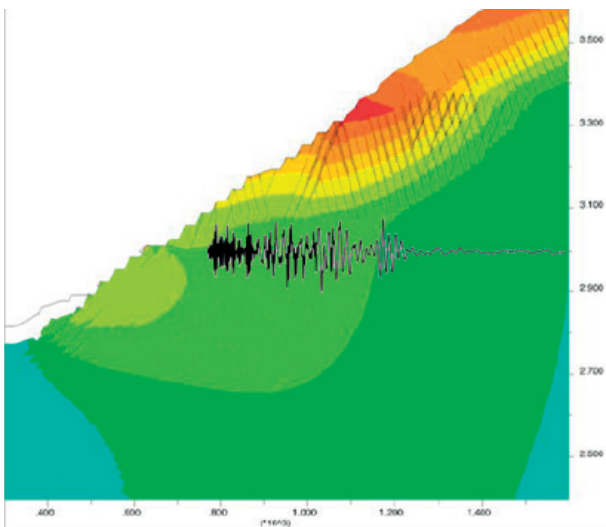
Rioblast Software.



METHODOLOGY

2D laser profiling is suitable for drilling definition, as a practical tool. The recommended step by step procedure is:

1. Conduct site survey
2. Classify slope and failure potential
3. Design and execute optimum drill and blast plan
4. Check slope stability after blast



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