# BlastMetriX

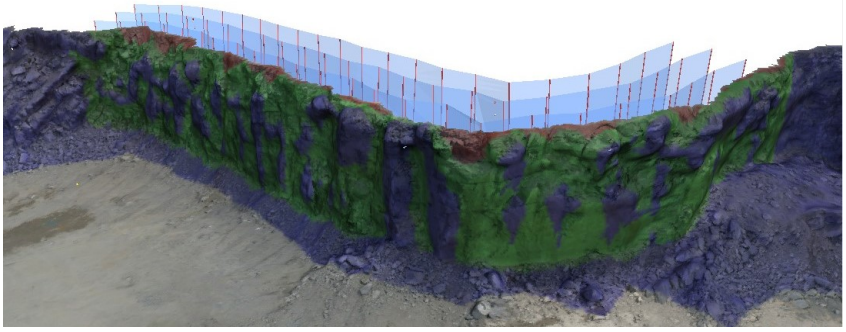
3GSM Software & Measurement

# Blast Optimization

## Blast design and analysis using aerial 3D models

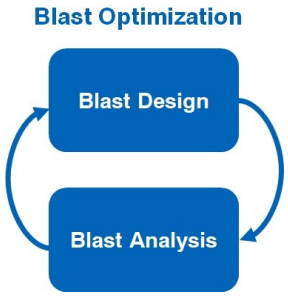
### Save money!

- Suboptimal blasting results lead to additional costs for loading, hauling, crushing, or secondary breakage.
- Besides, there are safety issues such as fly-rock or excessive vibrations to expect.
- Optimized blast layouts reduce the drawbacks and production costs sustainably.



### Procedure

Use 3D models pre- and post blast. Adapt the blast layout based on the quantification of former blasting results. Improve successively!

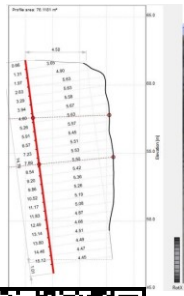


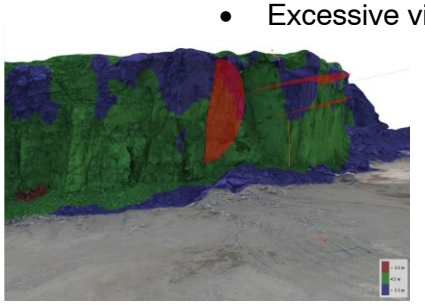

### Features

- Face profiles (burden diagrams and maps)
- Automatic borehole placement
- Quantification of muckpile (movement, volume, swell)
- Automatic fragmentation analysis in 3D
- Discontinuity Mapping

### Avoidance of

- Fly rock
- Poor fragmentation
- Poor diggability
- Wall damage
- Excessive vibrations





**3GSM – Simply Measure!**

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