FRAGMENTATION ANALYSIS

Added Value services

TAP Technical Applications Services

FRAGMENTATION ANALYSIS helps customers measure the efficiency of their drilling and blasting operations. MAXAM's Technical Applications Group (TAP) helps mines and quarries acquire and analyze data for specific blasts, or set up a systematic long term program to measure and control rock fragmentation, adding value by reducing fines and oversize

APPLICATIONS

✕	Open pit
✕	Underground
✕	Tunneling
✕	Quarry

BENEFITS

As a basis in downstream processes and operations, fragmentation control is a power ful tool.

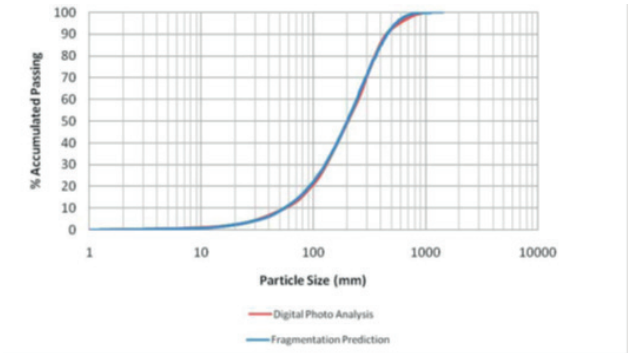
- Measure and classify size of rock produced
- Control oversize
- Control undersize
- Reduce fines
- Improve diggability
- Improve hauling
- Improve crushing
- Save energy
- Reduce losses
- Reduce secondary breakage
- Save costs
- Track drilling and blasting performance
- Daily and monthly reporting

EQUIPMENT

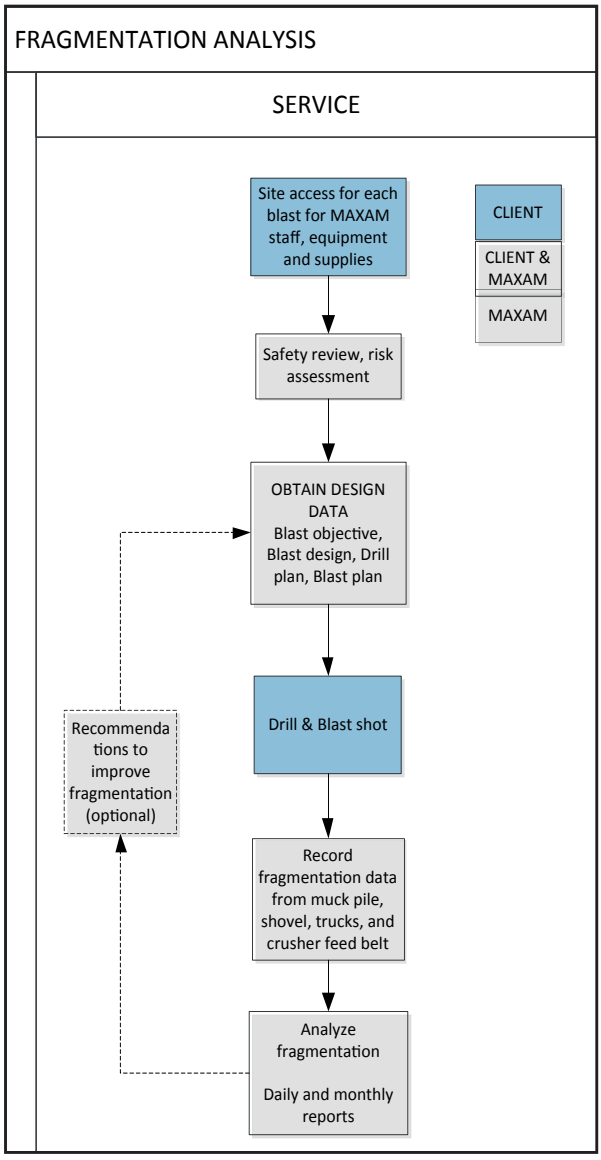
Depending on the desired accuracy of fragmentation analysis, it is posible to use different techniques: photo acquisition or boulder evaluation

MAXAM's experienced technicians use state-of-the-art technologies and tools and MAXAM's global expert network to design and implement long term fragmentation measurement and control programs.

After each blast, MAXAM tecnicians photograph and analyze the size distribution of the blasted rock. As part of a long term blast optimization program, the data is used to adjust and calibrate blast design to reduce oversize and undersize rock



METHODOLOGY



Call to explore how MAXAM Blasting Solutions can help you add value to the mine cycle by improving safety, reducing environmental impact, reducing costs and increasing transparency.

Image capture and analysis

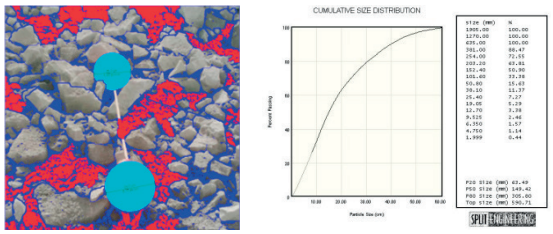
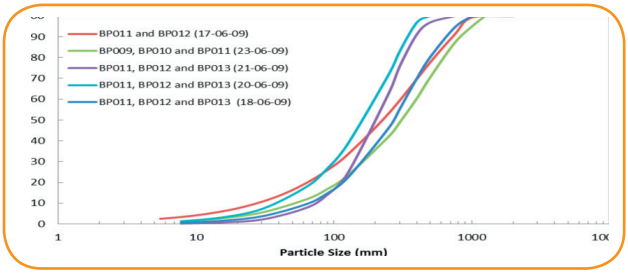
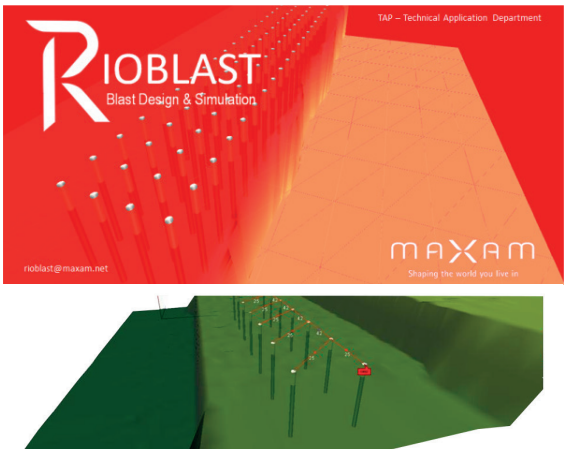


Image analysis and graphing





Blast design and simulation with RIOBLAST to improve fragmentation

version 1.0 January 2016

Maxam Civil Explosives
Avda. del Partenón, 16.
Campo de las Naciones. 28042.
Madrid - Spain