

Milawa Algorithm® Module

Schedule to Maximise NPV

The Milawa Algorithm® module adds a new dimension to life-of-mine scheduling. It optimises the schedule, taking into account all production and economic constraints, while seeking to maximise NPV. Alternatively, it can be used to “balance” your schedule by seeking to maximise the utilisation of available mining and processing capacity.

The Milawa Algorithm® module is a proprietary algorithm which schedules the mining of each pushback over the life of the mine. It responds to all production constraints, price and cost models within Gemcom Whittle™ and also provides additional controls over the schedule.

What It Can Do

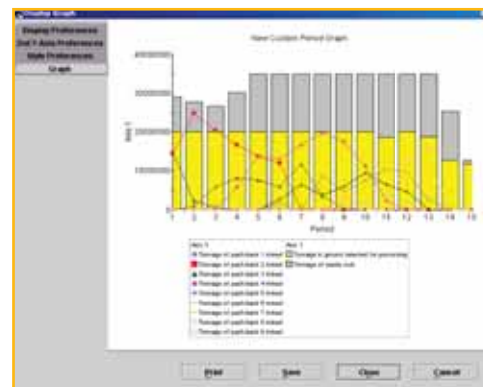
Milawa optimises the schedule, determining which benches in each pushback should be mined in each period. It obeys all pushback precedence rules and, the user can control the mining of each pushback by setting the following parameters:

- ➡ Minimum and maximum lead (separation in benches from the adjacent pushback).
- ➡ Maximum vertical advance per period.

Like all production constraints in Whittle, Milawa controls can be changed from one period to the next, giving maximum control over the process.

Schedules can be viewed period by period as a 3D animation using Whittle's interactive viewer, and the mining sequence can be exported to a General Mining Package (GMP) for merging with the original block model.

Gemcom Whittle is the world's most trusted strategic mine planning software used to determine and optimise the economics of open pit mining projects.



Custom period graph.

For more information email
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