

Drill Pattern & Powder Factor Planner

Mining, Metals & Minerals

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Get a drill-pattern and powder-factor optimisation plan — a review of your current pattern against rock and bench conditions, recommended adjustments, expected fragmentation and cost impact, and a trial-and-measure approach. Fill in your current pattern below.

Purpose of this tool & output

Improve fragmentation and reduce cost

How the output is used

Use it to improve fragmentation and reduce cost — a drill pattern and powder-factor plan that optimises blast results.

Important cautions

AI-generated guidance; implement only via a licensed blaster per DGMS and Explosives Rules.

Companion documents

- Quarry Operations SOP
- Stone Crusher Operations SOP
- Drilling & Blasting Design Plan
- Mine Production Plan
- HEMM Maintenance Plan
- Dust Suppression Plan

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.