Transform optimized
pit shells into final
pit designs

Deswik.SPD
Strategic Pit Design

Auto Pit Design

- Automatically generate multiple pit designs from optimization outputs using a scenario-based approach.
- Visualize and compare designs to select go-forward cases.
  - Supports multiple ramp rules, exclusion zones, and geotechnical domains for wall angle and berm width rules
  - Integrated workflow from pit optimization to pit design, reserving and scheduling
  - Integrated manual pit design tools for more detailed interim designs
  - Options to rank designs using various criteria including volume deviation from optimal shell
  - Semi-automated options to fine tune and smooth automated designs

Phase Selection

- Simply create phases designs using optimized revenue shells.
- Generate best/worse case NPV reports to compare phase designs based on value.

Scenario-Based
Create and run multiple scenarios to quickly explore options

Compare Options
Simply compare designs and select go-forward cases using configurable metrics

Flexible Settings
Both automated and semi-automated modes are supported to allow manual adjustment and control

Integrated Systems
Integrated with Deswik's manual pit design, reserving and tactical and strategic scheduling modules

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