

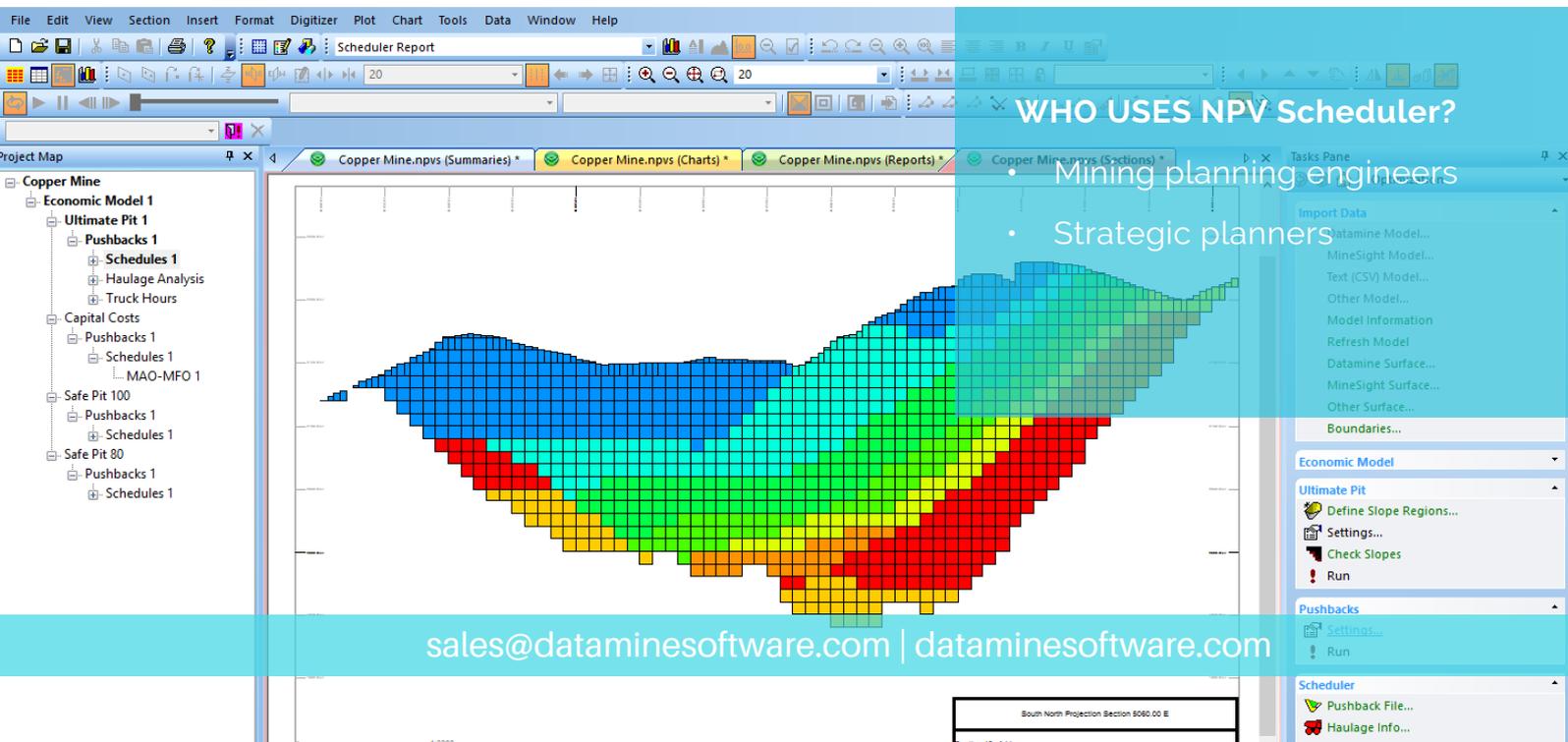
# NPV SCHEDULER

The complete strategic mine planning system

## OVERVIEW

NPV Scheduler provides a complete strategic open pit mine planning system with functionality spanning across pit optimization, pushback generation, cut-off grade optimization, scheduling, haulage optimization and stockpile management.

The system provides alternative techniques for pit optimization to take account of material blending, or to maximize mine life. Its pushback generator delivers the most practical pushbacks of any equivalent product and its scheduling capability includes optimization techniques that look ahead to the entire life of the mine as opposed to considering just one period at a time.



## KEY BENEFITS

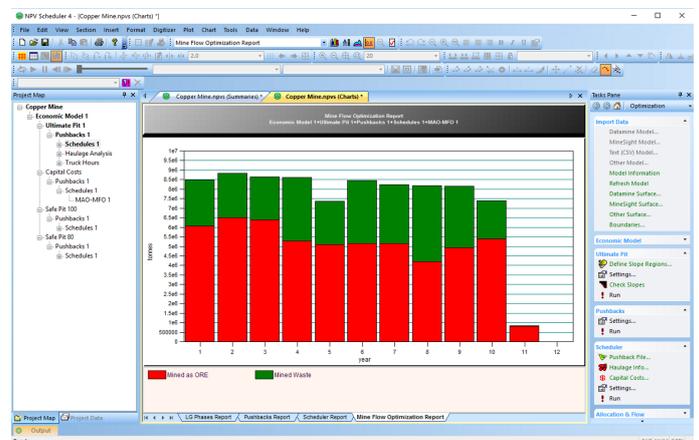
- **Optimized strategic mine plan** with design and schedule contained in one system
- **Ultimate pits are optimized** for maximum cash flow (base and precious metals) or maximum reserve life (industrial minerals)
- **Pits are optimally sequenced** to maximize NPV or achieve material blend
- **Fast, practical, mineable** pushback generation
- **Sophisticated** scheduling, blending, stockpiling, grade optimization, process optimization, production targeting and haulage optimization
- **Easy-to-use methodology** with multiple layers of sophistication, from quick studies to detailed mine plans.

## FEATURE HIGHLIGHTS

- **Import data** from various file formats including sub-celled models
- **Compute** most profitable processing destination based on product prices, mining costs, processing costs, processing recoveries, dilution, etc.
- **Generate LG pits** and nested shells
- **Generate optimal pushbacks/cutbacks** using minimum mining width and other practical constraints
- **Generate sequences** optimizing all scheduling periods
- **Produce** 3D views, tabular reports, and various charts.

# BOOK A DEMO

To book a free demo of NPV Scheduler, contact your local Datamine office.



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