

VBKOM

CAPABILITY STATEMENT:
SURFACE MINING

Design for reality. Decide with confidence.

We connect the resource, pit, equipment, production schedule, costs, and economics so mining decisions reflect what an operation can deliver and what a project can justify.

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A MINE PLAN MUST WORK BEYOND THE PIT SHELL.

An optimised pit shell identifies an opportunity. It does not, on its own, explain how the mine will operate or where value may be gained or lost.

Pit geometry, sequencing, material movement, equipment capacity and cost are inseparable. A different pushback sequence changes haulage. A different fleet changes productivity and operating cost.

A sound mining strategy makes these consequences visible while there is still time to make decisions.



01

PIT GEOMETRY

Where and when the mine can progress

02

MATERIAL MOVEMENT

How ore and wast move through the operation

03

OPERATING ECONOMICS

What production choices cost and justify

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DEFINE THE MINEABLE OPPORTUNITY.

Where is the mineable value, and which assumptions define it?

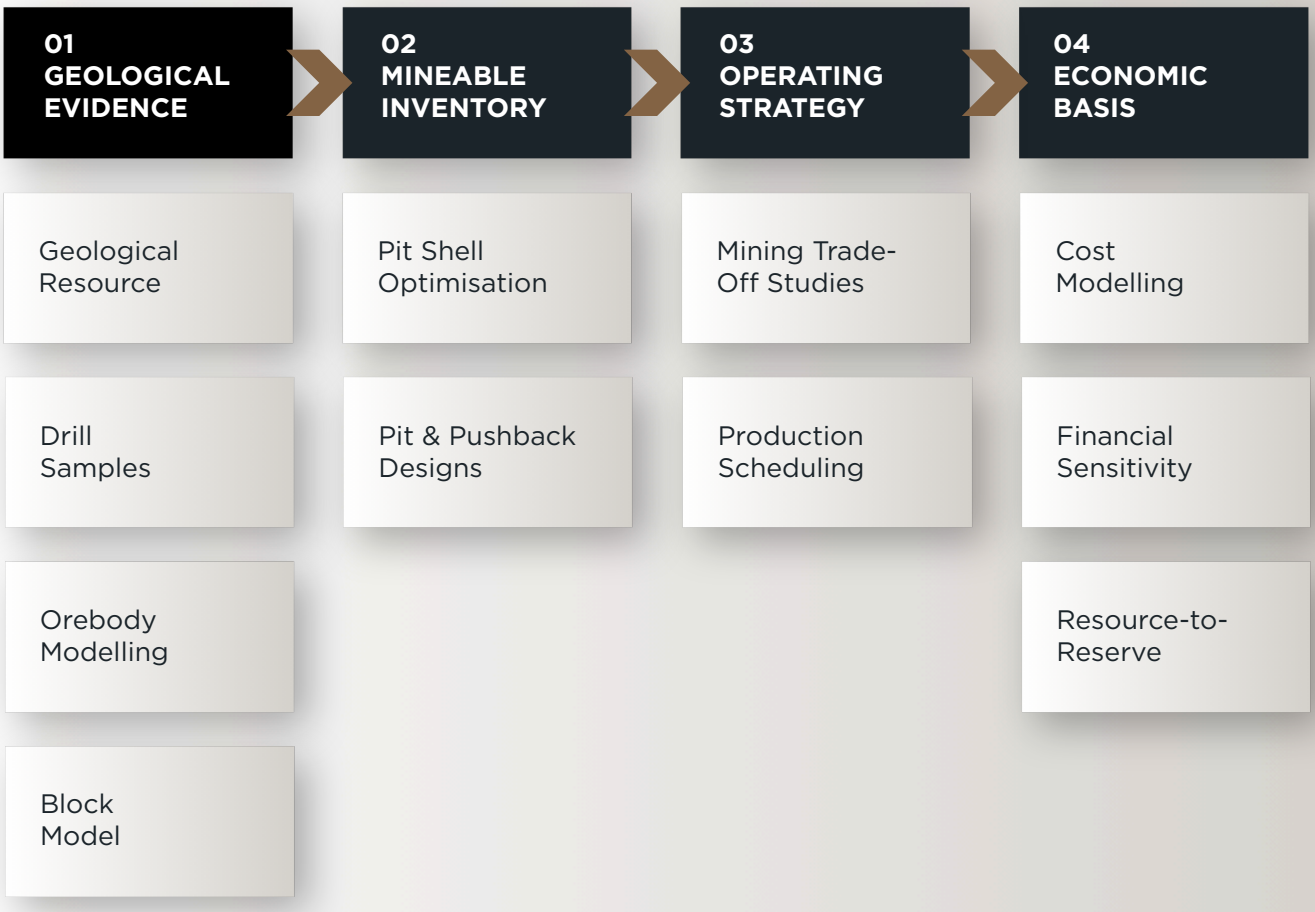
Resource potential is not the same as a workable mining inventory. Deposit geometry, grade variability, cut-off strategy, economic assumptions, and mining constraints influence what can be extracted.

Our role is to connect geological and block models to pit optimisation, test the opportunity and establish a defensible basis for mineable inventory and Resource-to-Reserve assessment.

THE DECISION PATH

From geological evidence to a defensible Reserve statement.

Delivering a connected basis for the next mining decision.

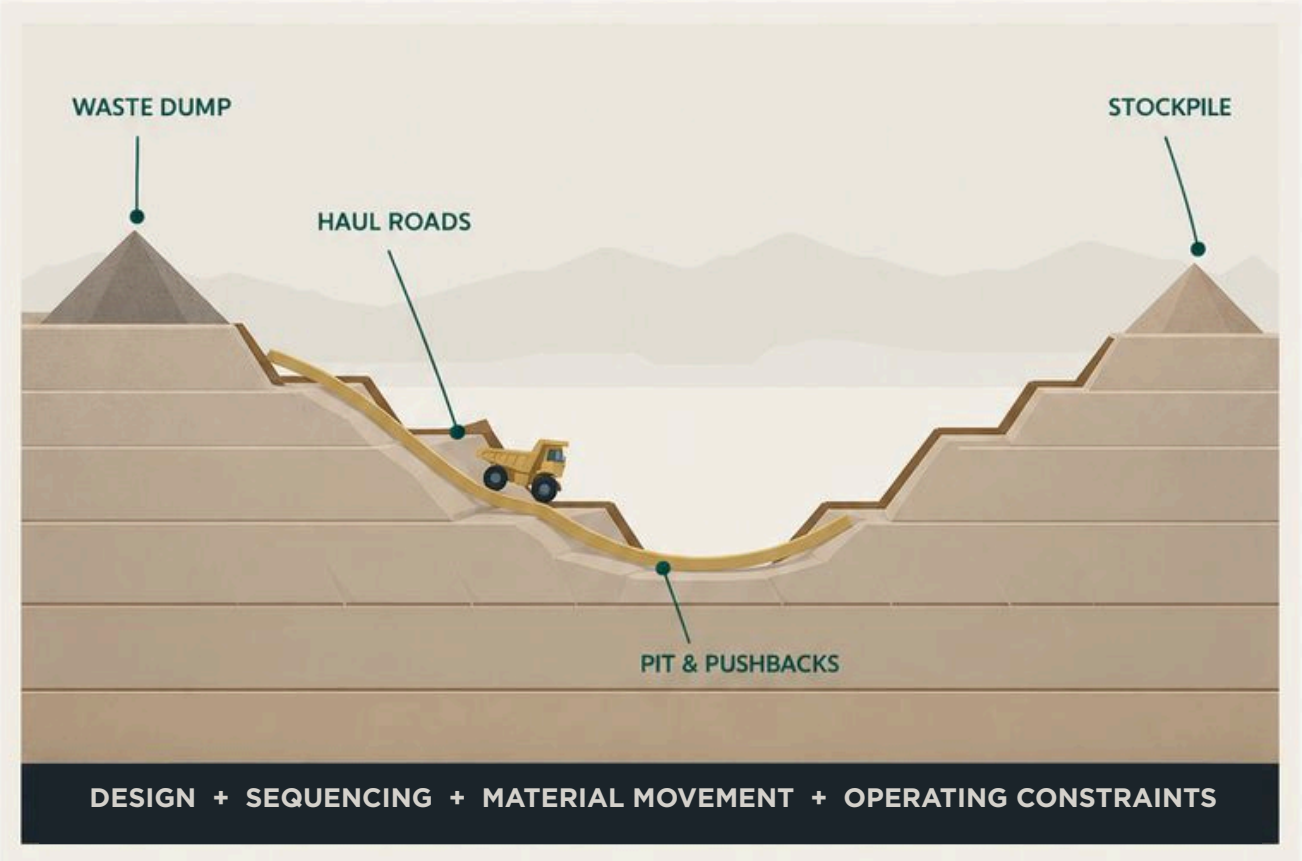


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DESIGN FOR THE WAY MATERIAL MOVES.

Can the pit be accessed, sequenced, and operated as designed?

Pit limits, pushbacks, benches, ramps, haul roads, stockpiles, waste dumps, and infrastructure must function as one operating layout. Mine designs and production sequences are developed with operating constraints in view.



MINE PLANNING & DESIGN SCOPE

- Pit and pushback design
- Mine planning and design
- Mining method assessment
- Haul road design
- Waste dump and stockpile planning
- Short-, medium- and long term planning

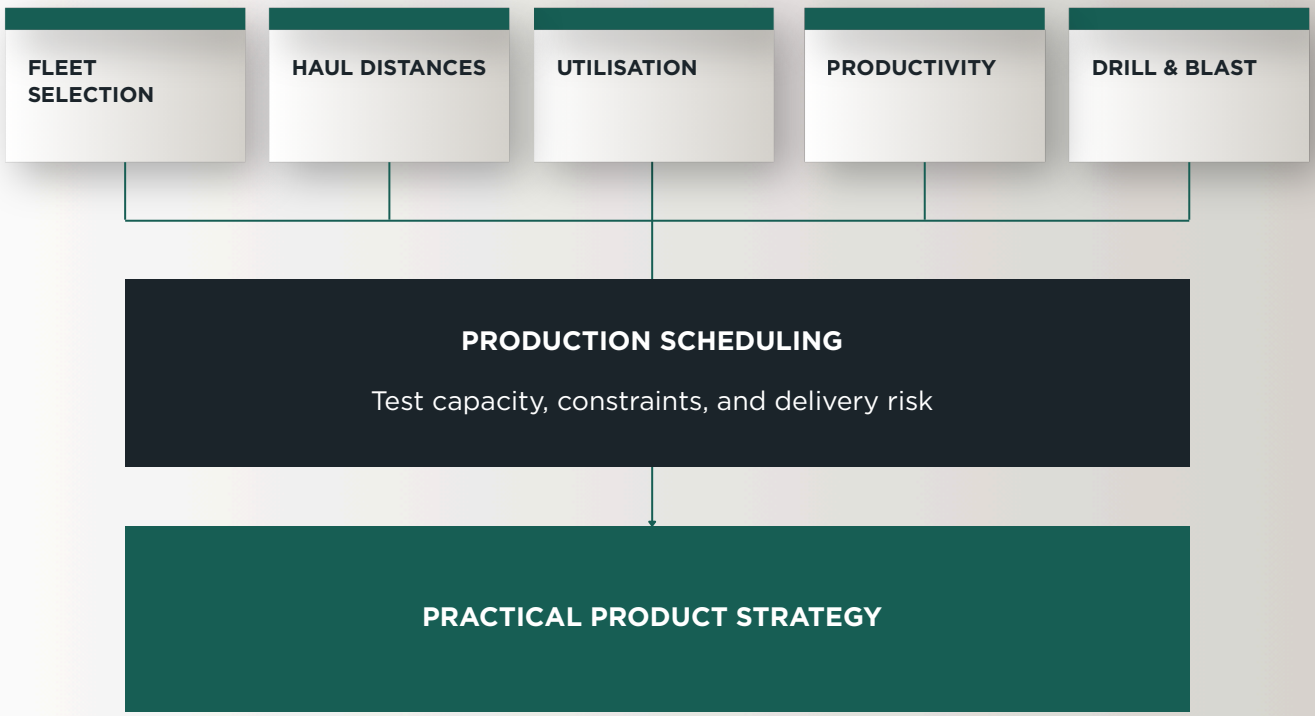
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TEST THE FLEET AGAINST THE SCHEDULE.

Will the equipment deliver the required production?

Fleet selection, haul distances, utilisation, productivity, and drill-and-blast assumptions all influence what a mine can deliver. Evaluating them together makes operating constraints and schedule risks visible before a production strategy is committed to.

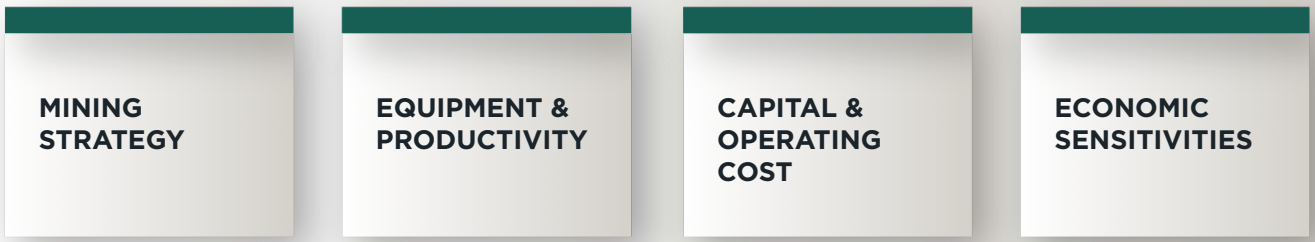
CONNECT THE OPERATING INPUTS



MAKE THE TRADE-OFFS VISIBLE

Which mining option stands up commercially?

The most technically efficient solution is not necessarily the most valuable.



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PUT CONFIDENCE BEHIND THE DECISION.

Can the plan withstand independent scrutiny?

A credible mine plan needs assumptions that are traceable, reviewable, and appropriate to the decision at hand.

Independent technical review, due diligence, and reporting provide a defensible basis for investment, development, and disclosure.

> Reporting experience includes frameworks such as SAMREC (2016), JORC (2012), NI 43-101, and S-K 1300, depending on the assignment.

FROM MINE PLAN TO DECISION ASSURANCE

01

MINE PLAN

Traceable technical and operating assumptions

02

TECHNICAL REVIEW

Independent scrutiny, due diligence and risk assessment

03

RESERVE ASSESSMENT

Resource-to-Reserve evaluation and reporting

04

DECISION BASIS

Evidence for disclosure, investment and development

ASSURANCE CAPABILITIES

- Competent Person and Qualified Person reporting
- Resource-to-Reserve assessment
- Independent technical review
- Technical due diligence
- Risk assessments
- Safety and environmental audits
- Technical assurance

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DESIGN FOR REALITY.
DECIDE WITH CONFIDENCE.

VBKOM

Whether the decision concerns the next pushback, the fleet required to sustain production, or the mining scenario with the stronger business case, we connect technical realities to what the operation can deliver.

LET'S TALK ABOUT YOUR NEXT MINING DECISION

Talk to VBKOM about the mining decisions that will shape your next stage.

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