



Mining Engineering.

From initial exploration concept, to successful implementation studies of world-class mining ventures, VBKOM's professionals can help you make the most of your mining investment. You can rely on our team of specialist mining engineers to oversee every aspect of your project.

We offer complete multi-disciplinary economic studies for blue-chip mining houses, junior miners and financial institutions across the full range of mineral commodities. This includes:

Studies

- › Concept Studies
- › Scoping Studies
- › Mining Pre-Feasibility Studies
- › Mining Feasibility Studies
- › Pit Optimisation Studies
- › Trade-off Studies
- › Continuous Improvement Studies
- › Technical Audits and Due Diligence
- › Implementations Studies
- › Investment Support

Technical

- › Short-term, Medium-term and
- › Long-term (Life-of-Mine) Planning
- › Production Scheduling
- › Mine Designs
- › Equipment Selection and
- › Optimisation
- › Cost Modelling
- › Drill- and Blast Design

Regulatory Compliance

- › Risk Assessments
- › Resource to Reserve Conversions
- › Safety Audits
- › Environmental Audits
- › Productivity Evaluations
- › Prospecting Permit Application
- › Mining Rights Application

Qualified/Competent Persons Reporting

- › SAMREC, JORC, NI 43-101, CRISCO

Super Users of, and Training in:

- › Geovia: Surpac, Minesched, Whittle
- › RPM: XPAC, TALPAC, OPMS
- › CAE/Datamine: Studio5, EPS, NPV Scheduler
- › Deswik: CAD, Scheduler
- › MineRP
- › Alastri: Haul Infinity

vbkom.com

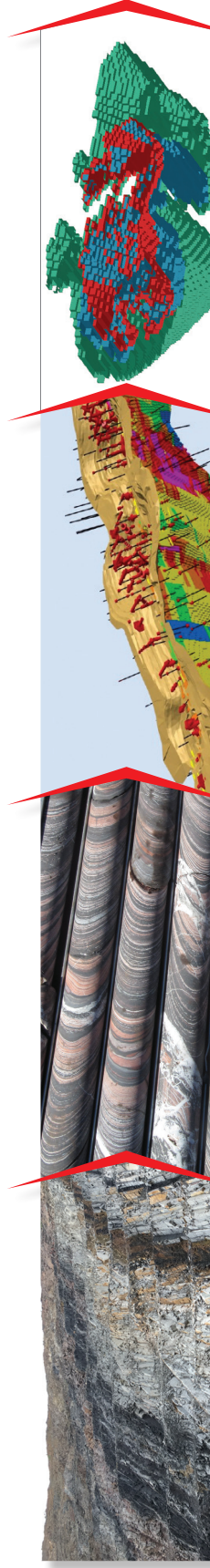
Centurion | Kathu | Rustenburg



VBKOM

Innovation. Expertise. Solutions.

> We deliver a complete mine plan:



> Geological Resource

> Drill Samples

> Ore Body Modelling

> Block Model

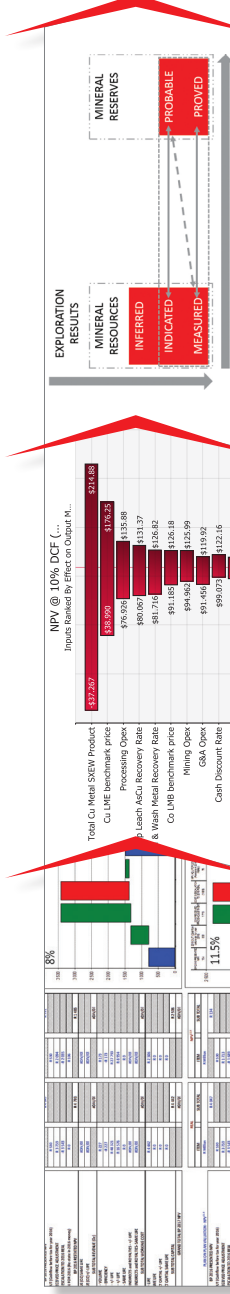


> Pit Shell Optimisation

> Pit and Pushback Designs

> Mining Trade-off Studies

> Production Scheduling



> Cost Models

> Financial Sensitivity Analysis

> Reserve Statement