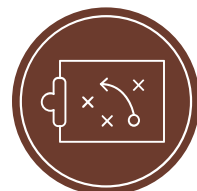


Integrated Life of Mine Planning



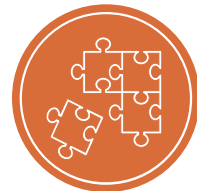
LIFE OF MINE PLANNING

- Geological Modelling
- Waste Classification
- Reserve Generation
- Mine Planning & Scheduling
- Rehabilitation Design & Scheduling
- Equipment Selection



MINE CLOSURE PLANNING HEALTH ASSESSMENT

- Desktop Review of Existing Closure Plans
- Audit of Closure Plan to Regulatory Conditions
- Compliance Workshops



INTEGRATED LIFE OF ASSET PLANNING

- Integration of the LOM, Closure Plan, Basis of Estimate, and Residual Risk
- Integration with Existing Mine Planning Process, Cycle & Software
- Assurance Calculation and Justification



PROGRESSIVE MINE CLOSURE PLANS & ASSESSMENT

- Site and Domain Level Risk Assessments (FMEA)
- Mine Closure Design
- Mine Water Management
- Geochemistry
- Mine Rock and Tailings Management
- Performance Monitoring and Maintenance
- Field Services



MINE CLOSURE COST ESTIMATION & RESIDUAL RISK ASSESSMENT

- Closure Risk Register
- Residual Risk Assessment
- Closure Cost Estimation
- Basis of Estimate



BENCHMARKING CLOSURE PLAN EFFICIENCY AND OPTIMISATION

- Key Value Driver Analysis (Compliance, Cost, and Risk) for Optimised Scenario Development
- Scenario Comparison for Lowest Risk Option
- Scenario Comparison for Lowest Cost Option
- Scenario Optimisation (NVP, NPC, Cashflow)
- Closure Planning Workshops



TRANSITION

- Social Value
- Future Land Use
- Acceptable Level of Residual Risk
- First Nations Engagement
- Stakeholder Identification and Relationship Communications Strategy



RELINQUISHMENT

- Work Scoping & Program Design
- Delivery Planning & Scheduling
- Contracting Strategy & Management
- Investment Approval
- Project Governance