MVENTECH

SUPERCHARGING **THE NEXT FRONTIER** IN MINING

MINING
CAPABILITY
STATEMENT

MINING ENGINEERING SERVICES THAT DELIVER REAL VALUE

Multidisciplinary expertise across the mining value chain - Mventech combines integrated mining engineering capability with its own digital tools to turn complexity into confident decisions, delivering real value across the mining life cycle.



Technical Expertise

Practical Solutions

Measurable Outcomes

Mutiple Commodities and Mining Methods

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MINING CAPABILITY

Extensive experience spanning across the full mining value chain.

01

MINE DESIGN & PLANNING
Full Mining Technical Services across the value chain.

02

MINE SIMULATION
Logistcis analysis, trade-off studies and mine cycle modelling.

03

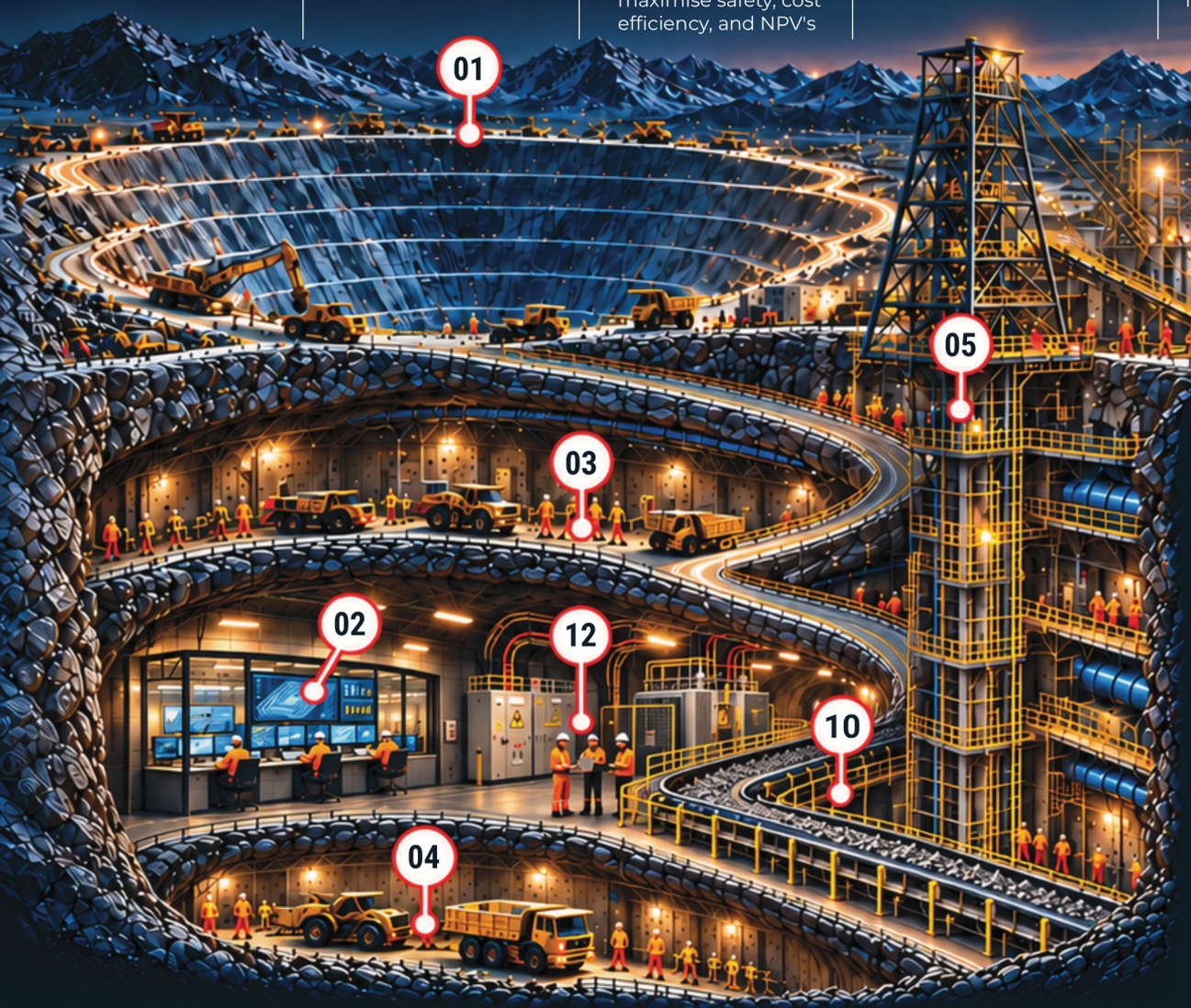
EXTRACTION OPTIMISATION
Optimised extraction strategies for various mining methods to maximise safety, cost efficiency, and NPV's

04

TECHNOLOGY & ASSETS
Specification, design, selection for both mining and BEV Equipment technologies.

05

SHAFTS & UNDERGROUND INFRASTRUCTURE
Full EPCM solutions for shaft and underground infrastructure.



06

VENTILATION & REGRIGERATION
Tailored solutions for ventilation system design, refrigeration planning, and environmental compliance.

07

TECHNICAL STUDY MANAGEMENT
Project Management Services from Concept to Definitive Feasibility Studies.

08

INTELLIGENT COST MODELLING
Mventech's Intelligent Cost Modelling platform that enables accelerated financial evaluations.

09

OPERATIONAL READINESS
Elevate operational standards, drive sustainability, fine-tune processes, and optimise asset performance.

10

ADVISORY & DUE DILIGENCE
Strategic guidance on mining investments, portfolio choices and operational positining,

11

CONCEPT OF OPERATIONS
Immersive visualisation of constructability, operability, and maintainability.

12

WORKFORCE & HR MODELLING
Operational Design, workforce structures, data-driven labour modelling.

MINING EXPERIENCE

With more than 400+ projects completed, Mventech's integrated team of mining, ventilation, geotechnical and logistics specialists covers caving, stoping, cut-and-fill, room-and-pillar and open-pit methods across copper, gold, PGMs and base metals. Backed by 300+ specialists across the Group and our flagship Mine Economic Optimiser technology, we deliver advisory, technical studies from concpet to feasibility, and EPCM, through to Competent Person sign-off and operational readiness.

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