

WHO IS UKWAZI?

Ukwazi is a Zulu word that means “to know”. This aptly describes the nature of our business: leveraging technical and industry insight and expertise to drive commercial success and sector development.



We are one of the largest specialist mining service providers in Africa

Focused on:

- Bankable feasibility studies
- Independent technical reports
- Engineering & infrastructure design
- Outsourced technical services
- Training and technical skills transfer
- Project and execution contract management
- Build and operate mining infrastructure
- Open pit and dredge mining contracting
- Underground LHOS contracting
- Integration of mining technical systems

We deliver independent advisory, technical systems integration and operational contract mining services, making us your ideal technical and execution partner.

Our technical mining engineering approach, combined with a strong industry experience allows for operational excellence, cost optimisation and continuous improvement.

Our advisory businesses are level 2 BBBEE contributors, committed to transparent and effective transformation within the industry, in partnership with our clients and technical partners.



MINING STUDIES



ON-SITE TECHNICAL SERVICES



CPR/ITR



Our approach

We are committed to:

- Safety
- Risk mitigation
- Regulatory compliance
- Technical excellence and experience in mining
- Transparent engagement and reporting
- Developing innovative technology and cost-effective engineering solutions
- Enhanced productivity and profitability
- Providing local, on-the-ground sector experts
- Driving skills development and job creation



+27 (012) 665 2154

info@ukwazi.com

www.ukwazi.com



OPERATIONAL

MARKET CONTEXT

We service the industry's demand for independent technical mining advisory and onsite services, including capacity building and knowledge transfer.



EXPLORATION
MANAGEMENT



OPERATIONAL
BUDGET



FEASIBILITY
STUDIES

What we do

Exploration Management

Our experienced geologists and technical support teams are able to generate and test exploration targets and programmes, whilst ensuring that all exploration work complies with local and international reporting codes.

- Exploration planning, implementation and project management
- Data capturing
- Mapping and sampling
- Exploration drilling management
- Training
- Mineral Resource statements

LOM Plans and

Operational Budget Estimates

We provide additional capacity, experienced skills, technical processes and software systems to support client teams to deliver repeatable, transparent and executable budgets based on practical mining plans. We seamlessly integrate with client teams to drive success and profitability.

- LOM and budget plans
- Short, medium-and long-term planning
- Mining activity design and LDV/ HME separation
- Technical process management based on a technical planning calendar
- Economic viability analysis and optimisation of pit and underground operations
- Delivery of operational support, guidance and remedial plans

Feasibility Studies

We provide comprehensive multi-disciplinary feasibility studies to ensure that mining investments are based on realistic project configurations, costings and revenue profiles, and that related risks are appropriately disclosed and allocated. Competence, transparency, materiality and independence are the basis for each study.

- Expert teams
- Specialist technical studies
- Environmental and social license to operate
- Mining for all related commodities and mining methods
- Engineering, processing and bulk materials handling
- Logistics and marketing
- Consolidated capex and opex modelling
- Financial valuations
- Project implementation and operational readiness plans
- Ongoing assessments and recommendations



We offer:



**TECHNICAL
REPORTS**



**TRAINING AND
SKILLS**



**ENGINEERING
SERVICES**

Independent Technical

Reports (ITR)

Our team of dedicated ITR and CPR experts support public companies, including those in the process of listing, in producing compliant and balanced independent reviews and reports. As a truly independent technical partner, we focus on transparency, materiality, competence and impartiality.

- Independent technical audits, reviews and valuations
- Competent person reports
- Due diligence studies
- Mineral Resource and Mineral/Ore Reserve reports and reviews
- Mine planning and technical systems reviews
- Financial modelling and sensitivity analysis based on Monte Carlo simulations
- Mining works programmes and regulatory submissions

Training and Skills Transfer

Technical staff turnover is a reality in many mining operations. We provide skills transfer services and replacement skills to fill capacity gaps, as well as appropriate training for replacement staff.

- On the job training and mentorship
- Technical software training and implementation

“ We provide skills transfer services and appropriate job training and implementation ”

Engineering Services

We provide additional capacity, experienced skills, technical processes and software systems to support client teams to deliver repeatable, transparent and executable budgets based on practical mining plans. We seamlessly integrate with client teams to drive success and profitability.

- Engineering design and support
- Procurement
- Construction management
- Project schedules, forecasts, implementation and status reports
- Budget monitoring
- Trend tracking

To learn more about how you can partner with us:

✉ info@ukwazi.com

Find out more:

www.ukwazi.com



“ We provide high quality mine planning, production geology, survey and geotechnical services. ”



We offer:



ONSITE TECHNICAL SERVICES



BUSINESS IMPROVEMENT

Outsourced Onsite

Technical Services

We provide high quality mine planning, production geology, survey and geotechnical services. We function as part of the client’s team to provide specialist processes and systems in line with specific project and budgetary requirements.

- Readily available and deployable skills, processes and systems
- Technical risk mitigation, process implementation and management
- Objective consultation
- Skills transfer
- Training programmes

Business Improvement

Our approach focuses on planning coordination and establishing an “engine room”, comprising a multidisciplinary team that oversees the main elements of the mining and production value chain. The assigned team consists of Ukwazi mining engineers and technical and execution experts that support and facilitate the optimisation process.

- Workflow management
- Operational reviews
- Integration between mine planning and production
- Development of turnaround strategies
- Tender adjudication

To learn more about how you can partner with us:

✉ info@ukwazi.com

Find out more:

www.ukwazi.com

