



Capability Statement



Kai Batla Minerals Industry Consultants (“KB MIC”) is a leading multidisciplinary consultancy, providing a comprehensive and diverse set of professional services to a broad client base in the minerals and mining sector.

With a unique mix of practical skills, knowledge and experience we work closely with our clients in the public and private sectors. We support and help them to realise the full potential and value of their assets, gain increased business and financial returns from the environments they own and operate, and succeed in their ventures in a responsible and sustainable way.

Building on a strong technical ability and business acumen KB MIC’s portfolio has expanded and developed over the past 5 years.

Countries that Kai Batla have recently undertaken projects in



South Africa
Mozambique
DRC
Lesotho
Zimbabwe
Morocco
Mauritania

USA
Brazil
Colombia
Indonesia
Malawi
Madagascar
Burkino Faso
Namibia
Ghana

Our key skills and capabilities

An independent approach

An independent Consultancy owned and led by our Directors, with no vested interest in any particular technology, project, supplier, or contractor.

World Class Expertise

Within a short period of time KB MIC has become recognised as a reputable badge. We have rapidly built an impressive track record and a reputation for high quality service.

Flexible

We tailor what we do to each client’s individual needs and preferences. We can assist on a specific aspect of your project; or at every stage – from conception to completion.

Network

We have over 18 professional staff and a network of 12 highly skilled specialist associates. We have worked across the globe on various commodities.

We are excited to put our unique mix of professional skills and experience to work for you. Working together to unlock potential.



Overview

We provide a comprehensive range of technical, professional services for all aspects of the exploration, definition and assessment of mineral resources.

Familiar with the challenges of working internationally in difficult environments and with diverse cultures, we carefully select a team of experts for each assignment that draws on wide international and local expertise. Our multi-disciplinary approach enables us to assign a full range of skills and specialist services to suit each client's individual needs and project requirements.

Clients

Our global reach means we can serve clients throughout the world, wherever they're located. We've been involved in active projects in every continent. We especially active in Africa, Asia and Central America.

We do work for mining and exploration companies, land and mineral owners, financial institutions, regulatory and government agencies and parastatal organizations.

How are we different?

KB MIC and its employees ensure complete independence by having no ties to special interest groups, producing companies and exploration companies. None of our employees act as officers or directors of mining or other associated companies.

Our commitment is to technical excellence and service reliability and the sustainability of our industry.



Our business areas:

- Geological Exploration
- Resource Modeling
- Mineral Economics and Evaluations
- Mineral Policy and Mineral Development Economics
- Geotechnical and Engineering Geology
- Environmental & Mineral Tenure services

Our services:

- Project Management of Exploration Programmes
- Geological Mapping & GIS
- 3D Geological Modeling
- Preparation and Compilation of Technical & CPR's
- Mineral Valuations
- Mineral Economics & Strategy
- Commodity Analysis
- Geotechnical Investigations
- Geohydrological Investigations
- Environmental Services
- Prospecting and Mining Right Applications



Black Gold Consulting cc

A  Kai Batla Company

Black Gold Consulting cc is the coal division of KB MIC and a leading coal consultancy in Africa that has been providing professional services since 2007. The company is located in Johannesburg and is ideally situated to undertake project work in the various coal fields in Southern Africa.

Black Gold Consulting provides a holistic service to the Mining Industry with its key focus being on Core Logging, development of Geological Databases and Geological modeling. This coupled with daily grade control of the reserve and production assistance by full time consultants will ensure a highly streamlined and efficient Geology Department. In addition we have experience with the Bias Testing of Sample Plants and the Calibration of Online Mineral Analyzers. The goal of the company is to provide excellent quality of work backed by professional staff at competitive prices that will allow our customers to focus on production and project development.



Services Include:

- Geological Drilling Programme Management
- Geological and Geotechnical Core Logging
- Open Hole Sediment Logging
- Splitting and Sampling
- Geological Modeling
- Resource Estimation
- Reserve Estimation and Reconciliation
- Grade Control and Production Monitoring
- Preparation of Technical and CPR's



Geological Exploration

Paths of exploration and discovery are followed by Geoscientists of today in search of solutions to some of society's most challenging problems. KB MIC offers a wide range of exploration services with core strengths in geological mapping and interpretation, which are vital for any exploration programme.

Resource Modeling

KB MIC offers the full spectrum of digital geological modeling services, from database validations and QAQC compliance through to resource classification and tabulations. All of the above are to international public reporting standards. Our software of choice is Datamine Studio™.

Mineral Economics & Evaluations

Mineral economics is the study of the business and economic aspects of natural resource extraction and use. More recently this definition has been incorporating aspects of sustainable development in the minerals industry. Mineral economics involves studying topics in economic and financial analysis that are developed to meet the special needs of the mineral resources industries.

Mineral Policy and Development Economics

Resource development decisions will impact society for generations to come. Therefore it is important that governments implement sound policies to strengthen sector governance and enable economic growth. KB MIC also undertakes strategic regional mineral scans. These studies highlight resource potential, infrastructure requirements, and advantages of ordered development and clustering of projects. These studies also provide preliminary economic analysis and identify downstream development opportunities. KB MIC uses an analytical methodology that takes a spatial view of a region, identifying potential anchor projects and a supporting spine that can be built upon the region's natural endowments. These can then act as a catalyst for the development of other mineral, tourism and agricultural projects.

The Value We Add

We help our clients to successfully maximise commercial and economic benefits while meeting international reporting codes, and corporate obligations and expectations.

KB MIC's vision is to develop and maintain a position as the distinguished geological consultancy of choice for both our employees and clients. Our focus will be primarily on Green and Brown field exploration in Africa.

At the core of our business is a breadth and depth of expertise in geology, modelling and resources estimation across a wide range of mineral commodities. We are considered "Competent Persons" by internationally recognized resource reporting standards (SAMREC, Ni43-101, and JORC) for Coal, Gold and Platinum Group Metals. Other commodities related experience includes Uranium, Copper, Iron-ore and Manganese.



Geotechnical and Engineering Geology

KB-MIC offers a wide range of geotechnical services that are critical to any major infrastructural development. Our core strengths are in geotechnical mapping, soil profiling and interpretation.

Environmental & Mineral Tenure Services

KB MIC specialist area in the Environmental and Mineral Tenure services include assisting clients with mining, prospecting and exploration rights/permits application, conversion and renewal. We also conduct environmental impact assessment of mining projects, new development projects, linear developments, power generation and bulk infrastructures. KB-MIC offers expert advice to guarantee that its client's development needs and requirements are met cost effectively. KB MIC strives to work in partnership with our clients and in consultation with stakeholders, to make certain that sound environmental principles are integrated throughout the planning, design, implementation and commissioning stages of a project cycle.

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Professional Association:

KB MIC staff are registered and associated with the following professional bodies:

Geological Society of South Africa



South African Institute of Mining and Metallurgy



Canadian Institute of Metallurgy and Mining



Australian Institute of Mining and Metallurgy



South African Association for Natural Professional Scientists



Progressive Business Forum

