SEAMLESSLY ESTABLISHING THE NEW BRAND
After our first year post the acquisition of Coffey Mining South Africa (Pty) Ltd., we continue to service long standing clients and be sought after to provide leading technical services to the African and International mining industry and financial institutions.

The benefits of working with an African Focused Team

With a DNA spanning 20 years of operation in Africa we bring a degree of ingenuity and established regional experience to the challenges that may be encountered on your projects.

Backed by a core team of recognised technical professionals and specialist associates, we're able to efficiently mobilise appropriate resources as needed. And while we're generally hired to deliver a specific outcome, we can also play an integral role in supporting in-house resources to supplement their capabilities.

Together, a fit-for-purpose approach can be evaluated and delivered. This ensures long term project viability and ongoing value to key stakeholders, and shareholders.

The typical benefits that our specialists can deliver to your projects include:

- Experience in solving similar problems
- Well-developed processes, methods and tools
- Objectivity
- An unbiased, independent 'third party' perspective that's not constrained by day to day operations

Our Support Philosophy

*Whether working to the scale of an early stage exploration play or a major mining project, the smallest oversight at the study and evaluation phase can cause significant risk.*

This is especially true when dealing with difficult or unconventional geological and mining conditions. Robust investigation, evaluation and experienced advice – even when there is an element of uncertainty – reduces time and costs and protects the long-term integrity of the project.

Our specialists are well prepared to be at the forefront of applying and developing techniques to understand and overcome challenging project conditions.

We provide industry leading advice on geological, resources and mining potential across a spectrum of mineral commodities.
We’ll find a solution for you, either in-house or through our long-term associate network of highly experienced industry specialists.

The ability to consolidate all key technical mining industry capabilities within a single entity uniquely positions us to provide practical operational support, corporate services and capability studies in a highly integrated and cost-effective manner.

**Studies**
- Concept studies
- Scoping studies
- Preliminary economic assessments
- Pre-feasibility studies
- Bankable feasibility studies
- Due diligence studies
- Independent technical reviews
- Project optimization reviews.
- Cashflow modelling, financial analysis and sensitivity studies

**Exploration Project Management**
- Planning, implementation and execution of ‘greenfield’ and ‘brownfield’ exploration programs
- Resource definition drilling program management, guaranteed to audit standard
- Data management, quality assurance / quality control (QA/QC)
- Implementation of strict data collection procedural systems and analytical protocols
- Geotechnical drill planning, implementation, management, logging and interpretation
- Provision of logistic, technical, materials and communications support
- Custom design of data entry, data validation and reporting systems
- Digital capture and migration of historic datasets
- Integrated digital and spatial data management

**Audit and Due Diligences**
- Full technical audits for project financing
- Periodic exploration audits
- Independent laboratory audits
- Analytical quality control audits
- Grade control audits
- Mining audits
- Process plant audits
- Project risk assessment and analysis
- Quantitative and Qualitative Risk Assessments

**Mineral Resources and Reserves**
- Mineral Resources estimation
- Mineral Reserve estimation
- Process and number audits of Resources and/or Reserves

**Compliance Related Services**
- Compliance to International Reporting and Valuation Codes
- Preparation of information memoranda
- Independent ‘expert’ reports in all jurisdictions
- Listing documents in all international jurisdictions
- Technical valuations and ‘fair and reasonable’ opinions
- Takeover documentation and valuations
- ‘Expert witness’ technical advice

**Operational Support**
- Geotechnical data collection and monitoring
- Site based resource modelling and estimation secondment
- Site grade control modelling, optimization and reconciliation
- Mining, maintenance and supply contract evaluations
- Owner-mining implementation management
- Periodic pit re-optimization studies
- Investigations, ‘trouble-shooting’ and problem resolution
- Independent operational management reviews and recommendations

**Mining Engineering**
- Mine design
- Life of mine planning
- Mine planning and scheduling
Ken Lomberg

**Director Geology & Resources**  
BSc (Geology & Geochemistry); BSc (Honours) Geology; BCom (Economics and Statistics); MEng (Mining Engineering), Pr.Sci.Nat.

Ken has over 30 years’ experience in the minerals industry with career specialisation in the platinum, gold and base metals sector. He has been involved in exploration and mine geology and has been integral in bringing a recognised operation to full production. His speciality is project management, mineral reserve and resource estimation. Ken has undertaken mineral resource and reserve estimations and reviews for platinum, gold, copper, uranium and fluorite projects.

He has assisted with the reviews or estimation of diamond and coal projects and assisted or compiled Competent Persons Reports/NI 43-101 for various projects that have been listed on the TSX, JSE and AIM stock exchanges. Ken is also Chairman of the SAMREC Committee which is responsible for the SAMREC Code and represents SAMREC on the CRIRSCO Executive.

Hannes Bornman

**Director Mining & Valuations**  
B Eng (Mining), MBA, Pr Eng, FSAIMM

Hannes has 30 years’ experience in the mineral industry in both production and contracting environments. He has ten years production experience of hard rock mining in South African gold and platinum mines. He has broad experience in feasibility and due diligence studies both in South African and International contexts and has travelled extensively within Central Asia and Russia. Hannes was the Marketing Director for a major roof support supply company for 9 years. He has undertaken project risk assessment studies on mining projects in South Africa as well as in Mozambique and Mali.

Chris Fredericks

**Business Development Executive**  
BSc Geology, Pr.Sci.Nat. FSAIMM

Chris has over 38 years exploration, production, and technical consulting experience developed from progressive exposure to base metal open pit and underground mining operations in Zambia, Botswana, South Africa, Australia and South America. An extensive career has built a broad industry skill set in the fields of asset evaluation, mine project implementation operational management and independent consultancy. Business development, management and corporate level skills have been developed through the delivery and growth of mid-tier base metal mining projects across the industry development cycle leading to appointments at General Manager, Executive Officer and Company Director level.
AFRICAN EXPOSURE

OUR RECENT CLIENTS

- ARM
- ATA Resources
- Cronimet Chrome Mining SA
- DRD Gold
- Hernic Ferrochrome
- Gécamines S.A.
- Gold Fields
- Lonmin PLC
- Magma Risk Solutions
- Mineral Resource Development
- Minery
- MRI
- Pala Investments
- Platinum Group Metals
- PenMin/Alecto
- Tharisa Minerals
- Nedbank
- Standard Bank
- Standard Chartered
- RMB
- Werksmans
- Vedanta