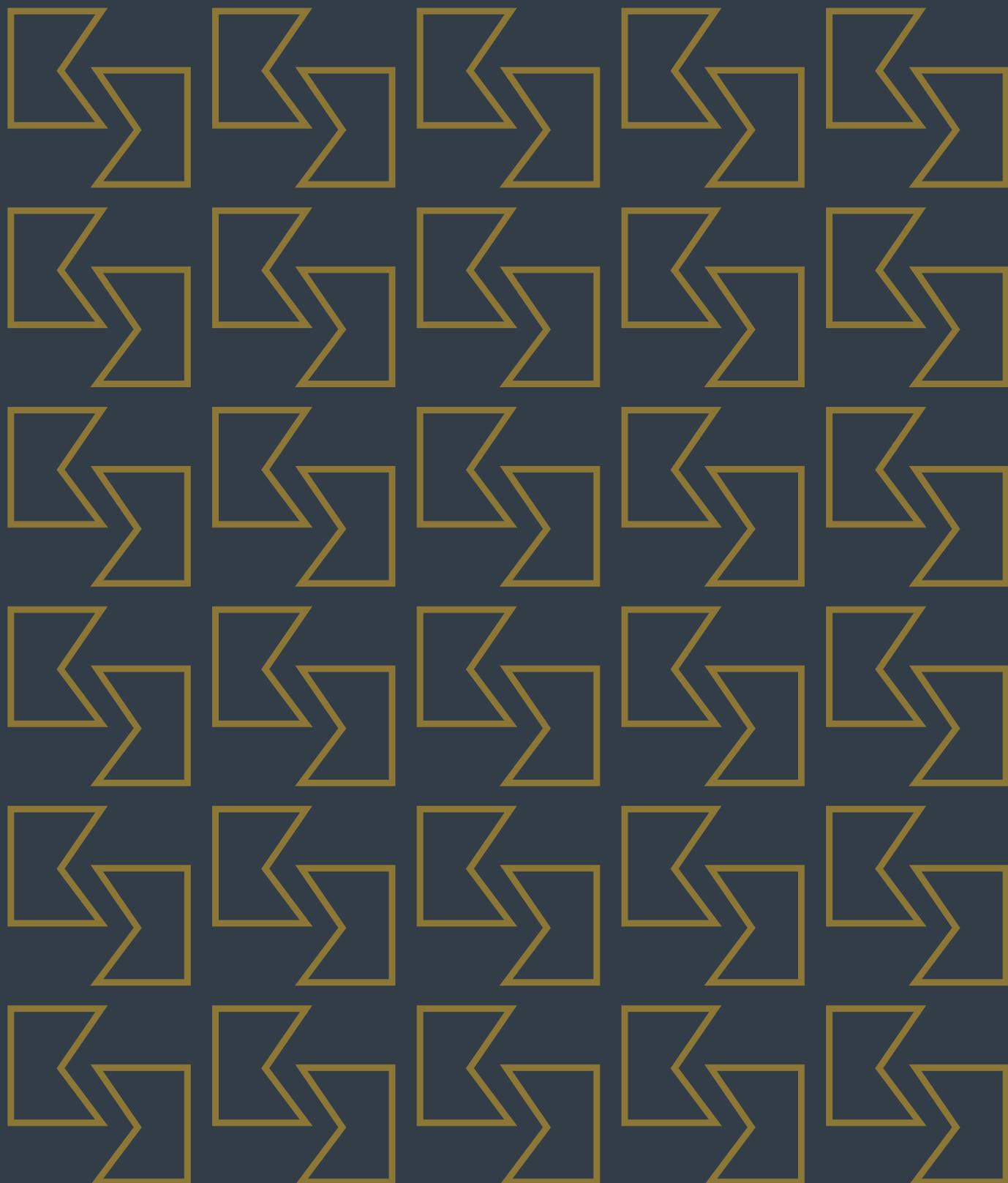




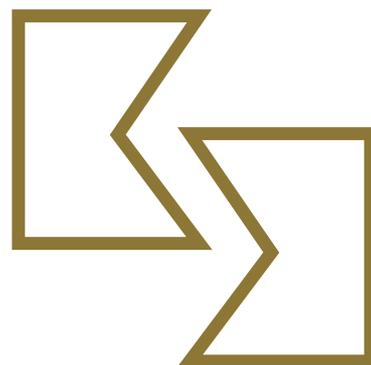
**KWENENG**  
GROUP

Company  
Profile



# Who we are

Kweneng Group (Pty) Ltd (“Kweneng”) is a consulting and advisory firm that offers a wide range of services to the mining and construction industries. Its registration number is 2015 / 353079 / 07. Kweneng’s key technical personnel has over 150 years combined experience in mineral exploration, resource development and evaluation, scoping, pre-feasibility and feasibility studies, valuation of mineral projects, mining solutions, geophysics, geotechnical engineering, water and environmental solutions. All Kweneng Projects are managed under a wholly owned subsidiary, Kweneng Operations (Pty) Limited (Registration Number 2018/326096/07).



# Our Vision

We want to be recognised as the leading and most trusted Black-owned and managed geoscientific and mining industry partner of choice through the provision of quality, innovative geoscientific and mining consulting services.

# Our Mission

We want to combine globally acquired expertise, experience and innovation to create operations prosperity for stakeholders in mining and infrastructure projects, and investments. We endeavour to participate in joint ventures and strategic partnerships, to enable, create, add and unlock value through provision of technical advisory services to the mining industry and other government departments.

# Our Values

In all our endeavours, we believe in and uphold professionalism, integrity, innovation, excellence, transparency, accountability and responsibility. We take pride in actively contributing to any initiatives that promote ethical and sustainable utilisation of natural resources.





## Mineral Exploration

- Application for Mineral Rights and Permits (Prospecting and Mining): Works Programmes and Maps,
- Prospectivity assessments and target generation
- GIS-based data collation, Updating and maintenance of existing geological databases.
- Surface and stream-sediment geochemical surveys.
- Geological and structural mapping.
- Geophysics and geophysical exploration.

### Exploration project management at all levels, including:

- High-level technical consulting and Qualified/Competent Person supervision.
- Holistic, turnkey exploration project management services.
- Exploration project design, execution and budget management.
- Industry-leading HSEC management.
- Provision of highly-skilled technical staff to exploration projects.
- Exploration data management including Quality Assurance/Quality Control of all exploration data.
- Subcontractor engagement and management.
- Reporting.

## Drilling

- Reverse Circulation (RC) Drilling
- Core Drilling
- Blast hole Drilling
- Water Drilling (including yield testing)
- Geotechnical Drilling (core, dolomite studies, etc)



## Mining Solutions

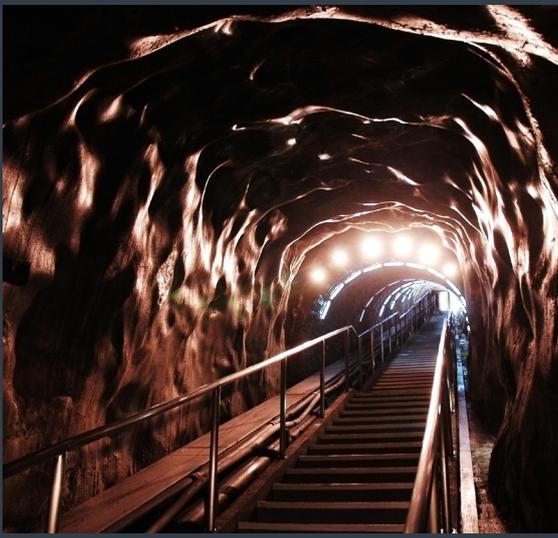
- Contract Drilling and Blasting.
- Mine surveying.
- Underground and Open-cast Mine Design and Scheduling, Enterprise Optimisation, Mining projects planning and execution. Reserve optimisations,
- Layouts and modelling.
- Expert support in evaluating various mining options and process relating to project and LOM plans.
- Life of Mine Plan Audits.
- Long term and short-term mine planning.
- Expert opinion, due diligence, desktop studies, review or technical audits of mining plans, engineering and financial models.
- Resource to reserve estimations.
- Minerals Beneficiation Strategy value-add with enterprise development initiatives.
- Review upstream and downstream beneficiation processes to support the sustainability of the markets.

## Mineral Resource Modelling, Resource Estimation and Management

- In-pit grade control (drilling and sampling).
- Resources extension studies, dynamic bulk sampling for short term mine planning.
- Management of Dense Media Separation Sampling.
- SAMREC, JORC and NI43-101-compliant Resource estimation and Geostatistics.

## Feasibility Studies

- Due Diligence reviews and Technical Audits.
- Scoping /Preliminary Economic Assessment (PEA).
- Pre-Feasibility Studies.
- Definitive Feasibility Studies.



## Valuation of Mineral Assets

SAMVAL, VALMIN, and CIMVAL-compliant cost-based, market-based and income-based valuation methods for resource projects at all development stages:

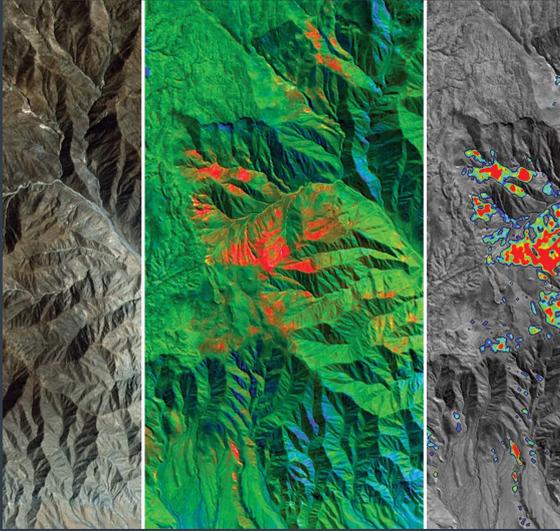
- Net Present Values (NPV) and internal rate of return (IRR) estimates.
- Comparative transaction analysis.
- Exploration costs and budgeting.
- Replacement costs including plant and equipment value.

## Geotechnical Engineering

Kweneng Geotechnical Engineering services cover civil engineering infrastructure, mine geotechnical investigations, underground rock mechanics and pit slope stability and are tailored to meet clients' requirements.

### Geotechnical Methodology

- Desk study.
- Excavation of test hole(s).
- Dynamic Cone Penetrometer (DCP).
- Laboratory Testing at SANAS accredited lab.
- Geological assessment and review.
- Geotechnical evaluations (soil grading, Atterbury Limits, ModAASHTO and Carlifonia Bearing Ratio (CBR), TRH 14 and USC, Shearbox tests, Oedometer testing.
- Preliminary and Final Reporting (SANS 10400-H 2012 Ed 3-The application of the National Building Regulations. Part H: Foundations and SANS633:2012 Ed 1-Soil profiling and Rotary percussion borehole logging on dolomite land in Southern Africa for engineering purposes.
- Determination of Data Points (feasibility and design stage) according to published guidelines by south African Institute for Civil Engineers.
- Peer review by industry recognised experts.



## Geophysics

The following geophysical methods are offered by Kweneng:

- Gravity surveys
- Magnetics (both ground and airborne) surveys planning and management
- Electromagnetics
- Seismic Refraction
- Spectral IP and Resistivity
- Down hole surveys (including ATV and OTV)
- Ultra-Ground Penetrating Radar (GPR) surveys

## Geohydrological and Water Solutions

- Desktop regional ground water assessments
- Groundwater exploration/borehole siting
- Borehole drilling and Yield Testing (including supervision thereof)
- Pump test analysis and Flow characterisation
- Pump installations
- Water treatment solutions (as determined by borehole water quality)
- Mine dewatering assessment and monitoring boreholes

## Survey Solutions

- Topographic surveys
- Mine surveys
- AUV Surveys
- Photogrammetric surveys
- Control station establishment
- Measured building surveys
- As-built surveys
- Monitoring and supervisory surveys
- Earthworks volumetric surveys
- Boundary surveys
- GIS Mapping

# Our Clients



# Our Projects

NAME OF PRODUCT & YEAR COMPLETED	ROLE OF KWENENG	MONETARY VALUE OF PROJECT	PROJECT DESCRIPTION	CONTACTABLE REFERENCE
Kambwa Mining (Namibia) -2023	Lithium Pegmatite Exploration in EPL 7285 and 7284	<b>Confidential</b>	Lithium Exploration (Mapping, Trenching, Tailings Survey, Drilling and Sampling) on EPL 7284 and EPL 7285 Namibia	Muna Dede (CEO)
Zimmundas (Pvt) Limited (Zimbabwe)	Turnkey Gold Exploration and CP Reporting in Shamva. Lithium Exploration and Due Diligence in Insiza and Shamva.	<b>Confidential</b>	Turnkey Gold Exploration and CP Reporting in Shamva.  Lithium Exploration and Due Diligence in Insiza and Shamva.	Graham Middleton (Director)
Armada Exploration (2023) (Zimbabwe)	Turnkey Nickel Exploration Drilling and Sampling	<b>Confidential</b>	Turnkey Nickel Exploration Drilling and Sampling on the Bend Nickel Claims, Zimbabwe	Dr Ross McGowan (CEO)
Africonex Limited-Mauritius)/Kambwa Mining (2022)	Due Diligence Services and CPR	<b>USD \$15,000</b>	Independent Technical Report on the EPL7285, 7284 Lithium Assets in Namibia	Muna Dede (CEO)
M2 Group Holdings	Desktop Assessment of various PGM and Chrome Projects in Bushveld Complex	<b>USD \$20,000</b>	Independent Technical Report on the Limpopo and Brits Projects.	Nano Mabotage
Tronic Metals (2023)	NI 43-101 Technical Report.	<b>USD \$20,000</b>	Independent NI43-101 Technical Report on the Cankuzo Nickel Project, Burundi.	Wade Cherywyko
Nicellco Metals (2023)	NI 43-101 Technical Report.	<b>USD \$20,000</b>	Independent NI43-101 Technical Report on the Nyabikeri Nickel Project, Burundi.	Wade Cherywyko
Montclair Mining (2023)	NI 43-101 Technical Report.	<b>USD \$20,000</b>	Independent NI 43-101 Technical Report on the Waga Nickel Project, Burundi.	Wade Cherywyko
M2 Group Holdings (Pty) Ltd (2022)	Valuation Services	<b>USD \$25,000</b>	An Independent Mineral Asset Valuation Report on the IVT Vanadium Project, South Africa.	Nano Mabotage (CEO)
M2 Gas and Coal (Pty) Ltd (2022)	Valuation Services	<b>USD \$25,000</b>	An Independent Mineral Asset Valuation Report on the Rynie and Martin Coal Project, South Africa.	Nano Mabotage (CEO)
M2 Gas and Coal (Pty) Ltd (2022)	Valuation Services	<b>USD \$25,000</b>	An Independent Mineral Asset Valuation Report on the Mpefu and Jazz Coal Project, South Africa	Nano Mabotage (CEO)
Lurco Coal Eswatini (2022)	Valuation Services	<b>USD \$25,000</b>	Valuation of Lurco Coal Eswatini's Mpaka Coal Project for JSE listing.	Karabo Ramela (CFO)
IDC/Horomela	Valuation Services	<b>Confidential</b>	Valuation of Lurco Coal Eswatini's Mpaka Coal Project for JSE listing.	Abongile Mgidi - IDC Technical Personnel

# Our Projects

NAME OF PRODUCT & YEAR COMPLETED	ROLE OF KWENENG	MONETARY VALUE OF PROJECT	PROJECT DESCRIPTION	CONTACTABLE REFERENCE
Magnis Energy Technologies (Australia)	Technical Assessment and Due Diligence	<b>Confidential</b>	Technical Assessment of various pegmatites near Bikita Mine for Lithium potential, Masvingo Province, Zimbabwe.	John Dixon
Africonex Limited	Technical Reporting and Proposals	<b>Confidential</b>	JORC Technical Report on De Rust Lithium Project, Namibia and Proposal for next phase	Muna Ngamunguela
Lithium Consolidated Mineral Exploration Ltd (Australia)	Targeting of various pegmatites in Zimbabwe and Mozambique	<b>Confidential</b>	Preliminary Targeting of Zimbabwe and Mozambique Pegmatites for Lithium	Shanthar Pathmanathan
CNGR/ASBA	Technical Assessment	<b>Confidential</b>	Technical Assessment of various pegmatites for lithium potential in Wedza area, Manicaland Province Zimbabwe.	Eric Lee/Abdul Irro
Signature Pacific Global (Mauritius)	JORC Compliant Resource Study	<b>Confidential</b>	JORC Compliant Resource Study on Kumakunga Manganese Project, Zimbabwe.	Arvind Gupta
African Strategic Metals Plc (June 2021)	JORC Technical Assessment and Due Diligence on Copper Projects	<b>Confidential</b>	JORC Technical Assessment and Competent Persons Reporting on Lucky Leap Year and Shamrocke Copper Projects, Zimbabwe.	Mark Jackson (CEO)
Rackla Metals Inc.(May 2021)	Ni 43-101 Technical Audit and Resource Sign Off.	<b>Confidential</b>	Ni 43-101 Independent Technical Report, Misisi Gold Project And Akyanga Mineral Resource Estimate, Drc	Dr John Dixon (Technical Director)
Prospect Resources (Zimbabwe)	Technical Contribution to the Geophysical Study.	<b>Confidential</b>	Geophysical Exploration of Lithium Pegmatites at Arcadia, Zimbabwe.	Dr Edgar Stettler
Nyanza Light Metals (2016)	Sampling and Resource Estimation	<b>Confidential</b>	Sampling and Resource Estimation of Magnetite and Vanadium Slag Dumps for Titanium Dioxide potential, South Africa	Donovan Chimhandama (CEO)
Manganese Minerals (2016)	Drilling and Resource Estimation	<b>R5 million</b>	Resource Estimation of Derdepoort Manganese Mine, NW, South Africa	Nancy Chen (CEO)
DBF Capital (2016)	Due Diligence	<b>Confidential</b>	Sampling and Resource review and due diligence of Alaska Copper Dumps, Zimbabwe	Francis Dzanya (Managing Partner)
Africa Rising (AFRIS)Capital (2019)	Valuation Services	<b>Confidential</b>	Valuation of South 32 Limited South African operations for the demerger out of BHP Billiton	Simisani Kupe (MD)
AfriSam (JSE-listed) (2019)	Drilling and Resource Estimation	<b>R18 million</b>	Drilling and Resource Estimation on Dudfield-Bethlehem Limestone Project, North West Province, South Africa	Nyika Matura

# Our Projects

NAME OF PRODUCT & YEAR COMPLETED	ROLE OF KWENENG	MONETARY VALUE OF PROJECT	PROJECT DESCRIPTION	CONTACTABLE REFERENCE
AfriSam (JSE listed) (2018)	Drilling and Resource Estimation	<b>R12 million</b>	Drilling and Resource Estimation on Ulco-Bergville Limestone Project, North West Province, South Africa	Nyika Matura (SSC Manager)
Hellenic Capital (LSE-Alt listed) (2018)	Technical Due Diligence	<b>Confidential</b>	Independent Technical Report on the Saprolite-hosted Graphite Deposits of Graphite Africa Limited Exclusive Prospecting Licences in Lilongwe District Malawi.	Available on request
Rexton Holdings (2017)	Valuation services	<b>Confidential</b>	Technical Review and Independent Valuation for Klipfontein Manganese Assets, Northern Cape, South Africa	Gordon McCrae
Rexton Holdings (2017)	Valuation services	<b>Confidential</b>	Technical Review and Independent Valuation for Tsatsabane Iron Ore and Manganese Assets, Northern Cape, South Africa	Gordon McCrae
Seawright Mining (2017-18)	Technical Assurance and Audits	<b>USD 0.7m</b>	Technical Assurance and Audits on Seawright Mining's diamond projects in Sierra Leone	Dr A Seawright
Equinox Group (2019)	Technical Due Diligence	<b>USD50,000</b>	Conducted gap analysis, technical due diligence and competent persons reports for a diamond mining company in the Republic of Angola.	Available on request
Hipo Resources (ASX listed) (2018)	Technical Due Diligence	<b>USD15,000</b>	Independent Technical Report on the Prospectivity of Crown Mining SARL Licenses in Manono District, Democratic Republic of Congo	Available on request
Continental Coal (2020)	Valuation Services	<b>Confidential</b>	Valuation for the Sishen Iron Ore Community development Trust (SIOC CDT) to advise SIOC CDT on an investment in Continental, South Africa.	Available on request
Nkonki Inc (Audit Firm)(2016)	Valuation Services	<b>Confidential</b>	Resource and Reserve Review and Valuation of JSE-listed South African Coal Mining Assets, South Africa	Available on request

## Technical Personnel



### Willard M. Mbalaka

**Chief Executive Officer &  
Principal Geologist**

BSc, BSc (Hons) (UZ), MSc (Wits),  
MBL (UNISA), MSAIMM, MGSSA

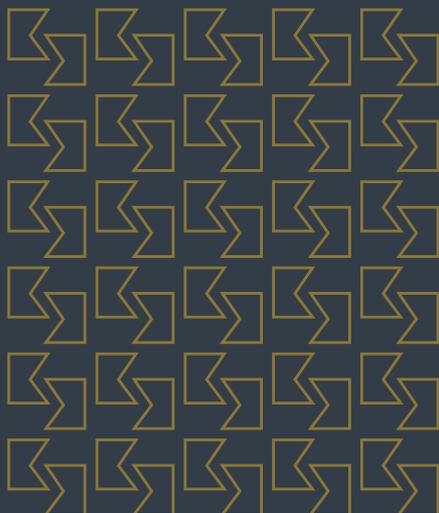
Pr. Sci. Nat

Willard has acquired over 23 years' industry experience in leadership and technical expertise in exploration strategy formulation, programme design and planning, including technical risking and ranking, budgeting, investment approvals, developing of programme execution plans, operations plans, exit gates, community management plans, new country entry, technical assessments, mineral resource technical audits and reviews, validation and due diligence; conceptual (scoping), pre- and definitive feasibility studies, management of mineral exploration, resource evaluation, and mineral projects valuation. He has worked on an array of commodities including platinum group metals, chrome, nickel, gold (alluvial and hard rock), coal, copper, uranium, limestone for cement, potash, fluorspar, vanadium, iron ore, manganese, tin, tantalite, lithium, dimension stones, and gemstones. This experience spans many geographic jurisdictions including East (Tanzania, Burundi, Uganda, Kenya, Ethiopia), West (Sierra Leone, Mali, Ghana), Central (DRC, Gabon) and Southern Africa (Zimbabwe, Zambia, Botswana, Namibia, Angola, Mozambique, South Africa, Lesotho, Swaziland), Asia (Pakistan), Australia and the USA (Colorado). He has worked for major mining companies (Anglo American, BHP Billiton, Rio Tinto), junior mining companies (Boynton Platinum; Sephaku Holdings, Incubex Minerals, Asian Precious Minerals), and government agencies (Council for Geoscience, SA).

He is part of the team that successfully completed a feasibility study for Sephaku (now Dangote) Cement, Sephaku Fluoride and various other smaller projects in South Africa. His latest project was to lead a team to successfully develop a JORC compliant limestone resource and complete a Definitive Feasibility Study for the establishment of a 7200tpd Cement Plant in Punjab Province, Pakistan. The project is now known as Lion Rock Cement Project and the cement plant is being supplied by FL Smidth of Denmark. He was also in charge of FL Smidth's SWECOs recommended geotechnical soil investigations for the Cement Plant site.

He studied undergraduate and post graduate geology at Universities of Zimbabwe and Witwatersrand (South Africa) and hold a Master of Business Leadership (MBL) degree from the UNISA School of Business Leadership in South Africa. He continuously updates his expertise- including knowledge of international trends, developments and new technologies- through conference and workshop attendance and reading relevant journals and publications. Some relevant courses attended include: Technical and Financial Evaluation of Mineral Projects (Imperial College); Competence Person's Training (BHP Billiton); Financial Valuation of Gold Deposits (UJ, South Africa); Flexi-Cadastre Workshop (South Africa), Coal Exploration in Southern Africa (Fossil Fuel Foundation, South Africa), Geochemical Exploration Techniques (Keystone, Colorado), PGE and Nickel Exploration and Mining in Africa (GSSA-South Africa). He also participated in the USGS Programme on Mineral Inventory and an Assessment of Undiscovered Potash, Platinum Group Elements and Sediment-Hosted Stratabound Copper in Africa. He is proficient in several GIS and Modelling Softwares (ArcGIS, Micromine, and Geosoft-Target) and has a basic understanding of Datamine Studio and Sable Warehouse.

He is a registered Professional Natural Scientist (Pr. Sci. Nat: Reg # 115164) with the South African Council for Scientific Professions (SACNASP) and is a Member Geological Society of South Africa (GSSA) and an Associate South African Institute of Mining and Metallurgy (SAIMM).



## Technical Personnel



### Ephraim Masibhera

Technical Director

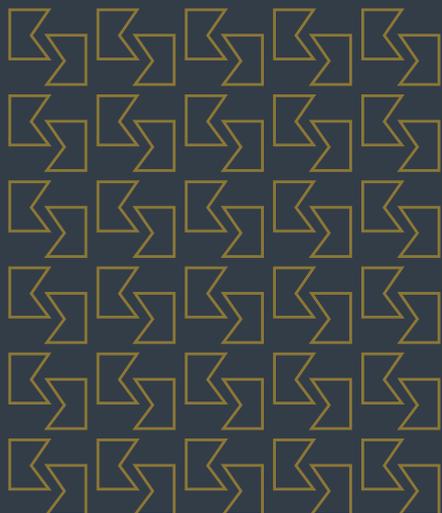
B.Sc. Geol (UZ), MSc Cd, MGSSA

Pr. Sci. Nat

Ephraim is a professional geologist with 19 years' experience. Ephraim's professional career has involved initial conceptualisation, target generation and grass-roots prospecting, through to supervision of drilling programmes, remote sensing, geophysics, geotechnical engineering, project evaluation technical assessments, mineral resource technical audits and reviews, due diligence and participation in feasibility studies searching and mining for gold, iron ore, limestone, gypsum, phosphates, diamonds, coal, platinum, nickel, rare earth elements and manganese working with highly recognised multinational mining and exploration companies.

Ephraim has worked as project manager at Bastillion Resources on the G S Cimentos owned Salamanga limestone (Bella Vista) deposit in Mozambique which he managed from drilling to SAMREC compliant resource, raw mix designs and pre-feasibility studies for cement. He has worked as consultant on numerous projects including Anglo Gold Ashanti DRC Mongwalu gold project, Oryx Moba gold project in DRC, Newmont Akyem and Subika gold projects in Ghana, Adamus Gold Mining Project Ghana, BHP Billiton IOCG Kitumba deposit in Zambia, Montero Mining Wigu Hills Rare Earth project in Tanzania, Schiel Phosphate Project in Limpopo, South Africa, Lonmin PGMs project South Africa, Batho Pele Diamonds Lesotho, West Coast Resource Namaqualand Mines RSA, nickel and gold projects RSA, Rani Investments Cahora Bassa coal project in Mozambique and River Ranch Diamond project in Zimbabwe. Ephraim has also done a number of country reports for PPC in Mozambique, Oryx North Sudan and Vale Zimbabwe. Ephraim has also done a review of lithium pegmatites, clays, and brines and evaporites in Africa.

Ephraim started his carrier in Zimbabwe where he worked as Mine Geologist for Zisco Steel owned Buchwa Iron Mining Company. At Buchwa, Ephraim was mainly involved in iron ore, limestone and manganese exploration and mining. He has worked as Exploration Geologist for Caledonia Blanket Gold Mine and Senior Section Geologist at Rio Tinto Renco Gold Mine. Ephraim has also worked on numerous gold projects in the Zimbabwe Archean Craton. Ephraim is registered with SACNASP as a Certificated Natural Scientist Level A (registration number, 200093/12) and a member in good standing of the Geological Society of South Africa.



## Technical Personnel



### Dr Thomas Sithole

#### Structural Geologist & GPR Expert

BSc, BSc (Hons)-UZ, PhD (Mainz)

Pr. Sci. Nat

Thomas is an accomplished structural geologist with experience working in various geological terrains in Africa, including Zimbabwe, Mozambique, Australia, South Africa, Guinea and DRC where he has worked for various mining houses including, BHP Billiton, Anglo American, CAMEC and SAMREC. His over 20 years' experience exposed to various commodities including gold, base metals, coal, and industrial minerals. He has co-authored various papers in reputable scientific publications. He did his PhD studies on "The tectonic evolution of the Makuti Group, NW Zimbabwe" under the supervision of the world-renowned structural geologists, Professors C.W. Passchier of Mainz University in Germany and Paul HGM Dirks of James Cooke University in Australia. His involvement in the Delta Gold-funded project on the structural controls on the gold mineralization around Morven Mine, Bubi district produced an excellent and award winning Honours thesis. He has worked as a part-time structural geology lecturer at the University of Zimbabwe and did consultancy work on various gold projects in Zimbabwe's greenstone belts. Thomas has co-authored 5 academic research papers published in leading geoscientific journals and presented at various international conference

Dr Sithole has acquired additional expertise in ultra-GPR and has used it on several projects in Africa mapping out gold shear veins, coal seams, limestone beds, kimberlite pipes and alluvial gravel layers.



### Charles Simon

#### Senior Mining Engineer

B (Min Eng) Hons (UZ), MAusIMM

Pr. Eng EIZ

Charles is an accomplished Mining Engineer with more than 20 years professional experience across various mining jurisdictions. His experience cuts across both underground and open pit mining methods. His areas of specialty include feasibility studies and mining business process improvements. Charles has worked in various lead and responsible capacities with a number of mines in a number of jurisdiction such as Vale Moatize coal in Mozambique, Freda Rebecca Mine, then owned by AngloGold Ashanti and Murowa Diamonds mine when it was a Rio Tinto PLC mine.

Charles has been involved in mine production, planning, design as well as scheduling and optimisation at mines such as Murowa Diamonds, Vale Moatize. He has also led teams in carrying out comprehensive exploration and resource estimation from the ground up in line with JORC and NI-43-101 standards in projects in Zimbabwe, Cameroon and Zambia. Charles has also been involved in mine construction and development as project manager, setting up critical infrastructure that supports the mine's value chain. Charles has been involved in diverse minerals such as gold, diamonds, chrome, antimony, tin, tantalite, limestone, gypsum, coal, asbestos, manganese and copper. Charles has been involved in a number of Due-Diligence and pre-feasibility exercises on behalf of clients who were considering investment into resource projects.

Charles is self-starter, strong team player, adaptable to new environments with strong interpersonal skills to fit into multi-cultural teams. Charles holds a Bsc Honours degree in Mining Engineering (UZ, 2001) and is a member of the Zambia Institute of Engineers.

## Technical Personnel



### Carol Taylor

#### Senior Resource Geologist

BSc. (Hons) Geology (UZ), MBA  
(Henly) FGSSA, MSAIMM

Pr. Sci. Nat

Carol is a geologist by profession with significant experience (over 25 years) in the Minerals Industry, having worked for Vale as a regional Project Evaluation and Development Manager for Europe, Middle East, Africa and West India (EMEA) in the Exploration Division. Her main role was to evaluate projects in the region and advance them up the value chain using various specialist and highly skilled project teams. She therefore has experience working with multi-discipline teams (from exploration, to mine design, environment and logistics as well as mineral processing teams) in Mineral project evaluations. She has carried out multi-mineral commodity, due diligence studies on mineral projects throughout Africa, in Indonesia, Brazil and Australian Coal as well as compliance report writing (NI 43-101, SAMREC and JORC).

Carol has had experience as a consultant in the Minerals Industry. She worked for Venmyn Rand (Pty) Ltd, now Venmyn Deloitte as a Senior Advisor in the Minerals Industry as well as for Sound Mining Solution Central Africa (Pty) Ltd as a Managing Director. Duties included specialising in writing Competent Persons' Reports of which some have been used for company listings in various global stock exchanges. Projects were from South Africa and greater Africa. Due to her credentials and experience in corporate reporting and compliance she was individually selected by the Chairman of the IAS SAMREC Awards Judging panel to sit on the panel of handpicked judges to judge the JSE listed Mineral Industry Annual Reports for their corporate reporting standards and SAMREC compliance. The award was an Investment Analyst Society (IAS) Award for SAMREC Compliance in the Minerals Industry.

She also has over 11 years practical experiences in open cast and underground mine production environments from the Anglo Base Plc's Bindura Nickel Corporation and Konkola Copper Mines in Zimbabwe and Zambia respectively. She also has over sixteen years in Mineral Reserve/Resource Management including 3D orebody modeling using Datamine (CAE Mining Software), Geostatistical resource estimations and Mineral Resource Classifications, mine exploration, project management and audits in the value chain from exploration to Mineral processing. She has experience in ensuring the integrity of the Mineral Resource Evaluation process, from resource definition and evaluation procedures, to ore accounting in broken and milled ore, value estimates for operational and strategic planning.

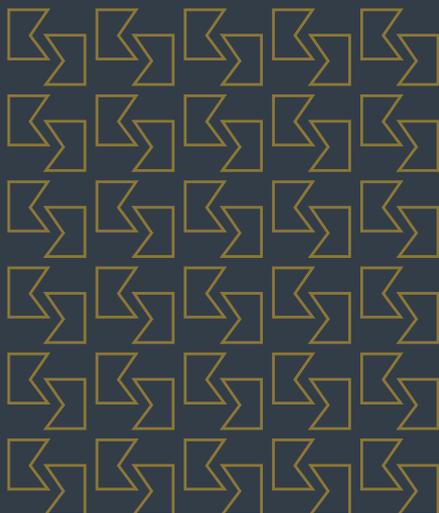
Other experiences include Long and Short Term Planning including budgets, Reserve/Resource Reconciliations, Sampling Protocols including QA/QC, Grade Control, Drilling, Geology, Geotechnical Logging and Mapping, Due diligence and Feasibility Studies on mineral projects.

Carol is currently the Managing Director and Principal Consultant of GeoVal (Pty) Ltd and also holds an MBA with Henley Business School, affiliated to Reading University, UK. She completed a Certification in Ore Reserve Risk and Mine Planning Optimization, McGill University, Montreal, Canada in 2012. • Five years as a Corporate Advisor, due diligence studies on mineral projects, compliant report writing (NI 43-101, SAMREC and JORC), resource estimations and classifications on a range of commodities throughout Africa and signing off technical reports.

- Long- and Short-Term Planning including budgets, Reserve/Resource Reconciliations, Sampling Protocols including QA/QC, Grade Control, Drilling, Geology, Geotechnical Logging and Mapping, Due diligence studies on mineral projects as well as Feasibility Studies.

#### Specialties:

- competent person to sign off on base metal deposits (JORC-SAMREC).
- Independent Assessor of Mineral Resource Assets
- Resource Estimation and Mineral Resource Management



## Technical Personnel



### Prof Charles Okujeni

#### Associate Geochemist

B.Sc. Hons (Applied Environmental Sciences)-UZ, MSc (Strategic Management)-CUT, MDP, SACPC-MP, SAIOSH & BCSDZ

Charles Okujeni is an emeritus professor of geochemistry at the University of the Western Cape (UWC). He obtained MSc and PhD degrees at the Technical University Berlin, Germany in 1976 and 1980 respectively. He researched and lectured at various universities in Africa. Charles designed, setup and managed geochemical laboratories and completed exploration projects in collaboration with exploration companies in four African countries. He served as the Association Exploration Geochemists (AAG) Regional Councillor for Africa from 1995-2010.



### Luke Zindi

#### Associate

B Sc (Hon) Mining Engineering (Cornwall UK) Master's in Business Leadership (UNISA) Pr Eng ACSM

Luke is an associate of Kweneng Group. He also provides independent mining consultancy services to various mining companies, specialising in due diligences, feasibility studies and project management, with a particular focus on assisting emergent African mining investors. With a career that spans over 30 years, Luke has been opportune to work at various capacities with some of the world's most respected mining companies such as Impala Platinum and Anglo American Platinum.

Between 2010 and 2016, Luke was a co-founder and owner of MineQuest Consult. MineQuest Consult was a mining consultancy company involved in feasibility studies and several international and local due diligences in platinum, gold, manganese, coal, copper and cobalt projects. The modus operandi was a collaboration between MineQuest Consult and strategic partners in the minerals industry that included Whittle Consulting, VenmynDeloitte, DataMine South Africa, University of the Witwatersrand, and MSA.

Luke's core competence is vested in his ability to build and foster relations in complex project environments that have diverse internal and external stakeholders. He is a strong team player and this has been demonstrated by his success in leading diverse mining technical teams on mining projects. He is equipped to oversee, supervise and guide business development in resource projects, having been involved in several mining projects from feasibility studies to production on both open pit and underground mining projects in his mining career.

Luke is a member of the Engineering Council of South Africa (ECSA) – Professional Advisory Committee (Mining). He has also written mining papers and presented at Mine Managers Association, and Institute of Mining and Metallurgy conferences. He was part of a task team of mining professionals that developed the Witwatersrand Mine Planning and Optimization Masters Programme, and lectures on the same program on a part-time basis.



## Contact Us

Suite A6/A7 Green Oaks Office Park  
Cnr Bekker & Gregory Rd, Vorna Valley  
Midrand, Gauteng, South Africa

**Office.** +27 11 805 1563

**Mobile.** +27 79 878 8304

**Mobile.** +27 79 076 3377

**Email.** [info@kwenenggroup.com](mailto:info@kwenenggroup.com)

[kwenenggroup.com](http://kwenenggroup.com)



**KWENENG**  
GROUP