



GEOVANTA

MINING & GEOSCIENCE CONSULTANTS

FROM GROUND DATA TO PRACTICAL MINE DECISIONS

COMPANY PROFILE

Integrated mining, geoscience and geospatial solutions

Led by Alexander Otiato Amungui, MAusIMM

Kenya-based | Serving clients locally and internationally

Company No. PVT-DM1ZRYV6 | Incorporated 22 July 2026

Company at a glance

Geovanta is a Kenya-based mining and geoscience consultancy supporting resource owners, operators, investors, contractors and public institutions. We combine mining engineering and mine-planning expertise with project-specific geological specialists, resource and block-model support, and geospatial capability to turn complex data into clear, implementable decisions.

Our work is designed for real operating environments: technically sound, commercially aware, clearly documented and scaled to the client's project stage. Assignments can be delivered in Kenya or internationally, on site, remotely or through a blended engagement model.

Legal name	GEOVANTA MINING & GEOSCIENCE CONSULTANTS LTD
Company number	PVT-DM1ZRYV6
Incorporated	22 July 2026
Registered office	Kevriz Area, opposite Diani Market, Likoni-Lunga Lunga Road, Ukunda, Kwale County, Kenya
Service reach	Kenya-based; serving clients locally and internationally
Engagement models	Project assignments, independent reviews, embedded support and retainers

Purpose and direction

Mission: To provide rigorous, practical and independent technical solutions that improve mine decisions, operational performance and project value.

Vision: To be a trusted African mining and geoscience consultancy recognised for technical quality, practical delivery and responsible resource development.

Core values: Safety, integrity, technical rigour, practical value, collaboration and responsible stewardship.

PROFESSIONAL SCOPE Where an assignment requires statutory engineering sign-off, a registered Consulting Engineer, a JORC/NI 43-101 Competent or Qualified Person, or another regulated specialist, Geovanta will define that requirement and work with appropriately authorised professionals.

Core services

Mine Planning & Design • Life-of-mine, annual, monthly and short-term plans • Pit, dump, backfill and haulage design support • Mine scheduling, target setting and equipment optimisation	Exploration & Geological Services • Exploration programme planning and technical coordination • Geological mapping, prospecting and target generation • Drill planning and supervision, logging, sampling and sample management
Resources & Block Modelling • Exploration-database validation and QA/QC • Geological interpretation and resource-evaluation support • Geostatistics, block modelling, grade control and reconciliation	UAV Mapping & GIS • Fixed-wing UAV mapping and photogrammetry • Orthomosaics, DTMs, DSMs, contours and volumetric analysis • GIS mapping and licence- or property-boundary deliverables
Operations & Production Optimisation • Production planning, reporting and KPI improvement • Technical-services systems, budgets and business plans • Constraint analysis, productivity review and implementation support	Technical Studies & Due Diligence • Scoping, pre-feasibility and feasibility study inputs • Independent technical reviews and investor due diligence • JORC-aligned data support and clear technical reporting
Closure, Rehabilitation & Support • Mine closure, backfill and rehabilitation planning • TSF monitoring and technical inspection support • EIA/ESIA coordination and decommissioning technical support	Specialist Team Delivery • Experienced project geologists mobilised for exploration assignments • Project-specific mining, metallurgy and environmental associates • Clear roles, credentials, accountability and deliverables in every proposal

EXPLORATION DELIVERY Exploration assignments are delivered by experienced project geologists mobilised according to each assignment's requirements, with mining engineering, UAV mapping and project coordination provided by the Geovanta leadership team.

Typical deliverables

- Mine plans, schedules, design strings, production targets and planning assumptions registers.
- Geological maps, field and drill logs, sampling records, QA/QC summaries, exploration-data reviews and drill-progress reports.
- Block-model support files, resource-evaluation inputs and reconciliation analyses.
- Orthomosaics, digital terrain models, contours, volumes, survey maps and GIS deliverables.
- Technical memoranda, options analyses, due-diligence reports, management presentations and implementation roadmaps.

Clients, commodities and project stages

Geovanta supports organisations that need specialist capacity, an independent technical view or a practical extension of their internal team.

Clients	Mine operators; junior explorers; investors and lenders; quarry owners; engineering and mining contractors; government and development institutions
Commodities	Mineral sands; gold and base metals; industrial minerals; aggregates and quarry materials
Project stages	Exploration and data validation; resource definition; studies and approvals; mine planning; operations; closure and rehabilitation
Geographies	Kenya and international assignments, including remote technical delivery and in-country support

How we work

1. Define the decision: confirm the client's objective, available data, constraints and required level of assurance.
2. Build the scope: agree inputs, methods, deliverables, programme, responsibilities and acceptance criteria.
3. Deliver with controls: apply documented assumptions, QA/QC checks, version control and regular client reviews.
4. Close out for action: issue usable files, explain findings, document limitations and hand over an implementation-ready result.

Technical platforms

Assignments may use Surpac, MineSched, QGIS, UAV photogrammetry, geological data-management tools and standard analysis and reporting platforms, selected to suit the client's systems and deliverable requirements. Exploration software and workflows are agreed with the appointed project geologists.

DATA HANDLING Client information is used only for the agreed assignment and is handled under project-specific confidentiality, access and retention requirements.

Leadership and technical experience

Alexander Otiato Amungui, MAusIMM

Managing Director & Lead Mining Consultant

Alexander is a mining engineer with more than ten years of progressive technical-services experience at Base Titanium Limited, most recently as Senior Mine Planning Engineer. His work has covered life-of-mine and operational planning, pit and backfill design, mine scheduling, production optimisation, technical reporting, budgets, closure support and multidisciplinary coordination.

From April 2025 to June 2026, he sustained acting responsibilities across the Technical Services Superintendent and Technical Services Manager functions when required, providing leadership and decision support across planning, survey, geology and operational interfaces. He is also a KCAA-licensed fixed-wing UAV pilot with more than five years of mine mapping and photogrammetry experience.

Education	BSc Mining & Mineral Processing Engineering (Mining Option)
Professional standing	Member of the Australasian Institute of Mining and Metallurgy (MAusIMM); Registered by the Engineers Board of Kenya
Aviation	KCAA-licensed fixed-wing UAV pilot
Experience	10+ years in mine planning and technical services; 5+ years in UAV mapping and photogrammetry
Selected strengths	Mine planning, production scheduling, block modelling support, GIS/UAV mapping, technical reporting, closure and decommissioning support

Relevant prior experience

- Strategic, annual, monthly and short-term planning for a large mineral-sands operation.
- Pit, dump, backfill and mining-sequence design linked to production and rehabilitation requirements.
- Equipment utilisation, production optimisation, budgets and performance reporting.
- UAV mapping, orthomosaic production, terrain modelling, spatial analysis and volume reconciliation.
- TSF monitoring support, decommissioning planning and technical coordination across operations and environmental teams.

Experience above reflects the director's prior employment and professional assignments and is not presented as Geovanta's corporate project history.

Why Geovanta

Operationally grounded Recommendations are shaped by real mine-planning and technical-services experience.	Scalable specialist team Experienced project geologists and other associates are mobilised to match the approved scope.
Clear and auditable Assumptions, limitations, checks and decisions are documented in client-ready outputs.	Flexible delivery Support can be on site, remote, embedded or delivered as an independent review.

Start an engagement

Tell us the decision you need to make, the data available and the required timing. Geovanta will respond with a clear scope, deliverables, programme and commercial proposal.

CONTACT GEOVANTA	
Email	info@geovantaminingconsultants.com
Telephone	+254 725 089 846
Website	www.geovantaminingconsultants.com
Postal address	P.O. Box 1214-80400, Ukunda, Kenya
Office	Kevriz Area, opposite Diani Market, Likoni-Lunga Lunga Road, Ukunda, Kwale County, Kenya
Company number	PVT-DM1ZRYV6

POSITIONING Kenya-based mining and geoscience expertise, delivered locally and internationally.