



5. FILBERT GEORGE –GEOLOGIST

SENIOR EXPLORATION GEOLOGIST-FILBERT GEORGE MAZIKU.

Biography.

Mr Filbert George Maziku has over 14 years of experience in Gold, Base Metal, Energy Minerals and Industrial Minerals exploration ranging from planning and execution of regional to detailed exploration programs. He graduated from University of Dar es Salaam with BSc Hons, degree in Eng.Geology. Mr George started his career with Rio Tinto Mining and Exploration Ltd when he was working as Exploration Geologist. He later joined Canaco in a role of Exploration Geologist and he was promoted to QAQC Geologist and served for 4 years. Mr George works as consultancy for various mineral exploration companies which are exploring for precious metals, base metals, energy minerals and industrial minerals. He has vast experience in providing exploration services from the grassroots to the advancing stages including geological mapping, geophysical survey, geological structural mapping, trench and pitting planning, drilling planning and logging and supervision on various exploration activities at various stages.

Occupation	Field Exploration Geologist
Age	41
Gender	Male
Nationality	Tanzanian
Language	English, and Swahili
Career Objective	<ul style="list-style-type: none"> • Opportunity to developing Exploration and Mining business across the world. • A position in a company with a competitive environment where I can apply all my skills and whole knowledge for the growth of the company, e.g. Chief Geologist, Snr. Exploration Geologist / Manager for both Small, Medium and larger Scale Mining and Exploration Projects
Recent consultancy	GVA mineral International Ltd, Tirupatu Ltd, Mkomazi holding Ltd, kibiriti Ltd, Hindustan Ltd, Geofield Ltd, Mlilapelu ect Geological Mapping in all companies tenements, Preparing Geological maps, Soil Sampling/Steam Sediment Sampling and Grab Rock Sampling, Geophysical Survey (Ground Magnetic and IP) designing and supervising, trench and pitting designing and supervision, geological maps preparation, target generation, drilling planning and Drilling Supervision both Aircore, RAB, RC and Diamond. Location Targeting by using Geological Mapping, Soil and Grab Sampling results, Ground magnetic Survey and Induced Polarization Survey (IP). Drilling and Resource Estimation for Minerals, Mineral Database Set up and Management for Developing Minerals in Rwanda (ADB Sponsored Project), QAQC Management and Monitoring.

Profile

Professional Geologist with 14 years of experience on grassroots exploration, regional and detailed target generation, planning and execution of drilling programs, managing exploration projects, projects ranking, rating and reporting. Proven leadership skills involving managing, developing and motivating teams to achieve their objectives. Major commodities are Gold, Base Metal, Energy Minerals and Industrial Minerals. Able to manage multiple projects simultaneously in a team environment. Participated for structurally control ore gold deposits discovery located in premature and untraditional gold exploration terrain of Tanzania's Proterozoic Belt (1 M Oz gold deposit).



Education

2008	University of Dar es salaam, Tanzania. B.Sc. in Eng.Geology(Honours)
2000	Moshi technical Secondary School Advanced Certificate in Secondary School Education
2003	Moshi technical Secondary School Certificate in Secondary School Education

Professional Courses / Training

2017	Advanced GIS Application Course	UDSM, Tanzania
2016	GIS training Course using ArcGIS and QGIS and SWAT	UDSM, Tanzania
2016	Land Access and Resettlement Course	InterSocial, Tanzania
2012	Modern Exploration Techniques for Gold and Base Metal deposits. Ethiopia case VMS exploration techniques.	Ian Groves Snr Exploration Geologist Canaco Resources Inc. Ethiopia Explorations. Prof. G. I Groves from the centre for strategic mineral deposits, Western Australia.
2010	Map Info and Encom Discover Training Exploration Techniques and QAQC procedures.	South Africa
2010	Flex Cadastre (licence Management)	South Africa
2009	Health, Safety, Environment and Community (HSEC),	South Africa
2009	Advanced First Aid and Incident Management Plan,	South Africa (Northwick)

Professional Certifications / Registrations / Memberships

- A member of Geological Society of Tanzania (**TGS**)

Computer Skills

- Expert in Map Info and Encom Discover. Surface Maps, Drill Sections, Section Resource
- Exploration database management.
- Expert in ArcGIS 10.7.
- Surpac
- Microsoft Office (Word, Excel, Access, PowerPoint)

Areas of Expertise

- **Management: 2008-Todate**
 - Exploration planning, budgeting implementations and project management.
 - General management of field camps with more than 100 personnel including contractors. And DD Drill Rigs.
 - Data capture, management, plotting (software based) and reporting.
 - Development and provide continuity for organisation.
 - Permit license acquisition and management. (EIA and Mining Licenses Processes)
 - Management of Government communication, Community Relations and Corporate affairs.
- **Industrial Minerals:**
 - Managing Exploration Drilling and Resource Estimation of Gypsum (Tanzanian firm).
 - Managing Exploration Drilling and Resource Estimation of Bauxite (Mkomazi Holding Ltd)
- **Exploration experience:2008-Todate**
 - Regional & detailed field mapping.



- Grass root project ranking and rating.
- Acquisition and Exploration program execution.
- Target generation, delineation and follow up.
- Planning and supervision of geophysical surveys programs.
- Drilling planning & supervision (RAB, RC, DD).
- Logging of RC & RAB chips, DD Core.
- Drill core marking, sampling, photographing.
- Oriented drill core marking and capture of alpha and beta angles using a Kenometer/Ganiometer.
- Niton XRF data capture, interpretation and targeting.
- Pitting, soil, termite mounds sampling and trenching with logging and interpretation.
- QAQC data analysis.
- Laboratory sample preparation and submission for analysis.
- Field training of junior staff.
- Weekly, monthly and quarterly and annual report writing.
- Geological Drill Section Preparation and Interpretation for future drill holes plan,
- Mineralisation modelling for resource calculations.

Career Positions

1.	2019 – Consulting Snr. Exploration Geologist
Senior. Exploration Geologist	
<ul style="list-style-type: none"> • Grassroots exploration, regional and detailed target generation, planning and execution of drilling programs, projects ranking, rating and reporting. • Assisting Local and Foreign Investors in project acquisition • Managing procurement and supplies of the field teams 	
2.	2015 – 2018
Exploration Geologist: MTL Consulting Company Ltd	
Managing all Company Geological issue such as;	
<ul style="list-style-type: none"> • Exploration program planning, execution and management. • Assisting foreigner client in project acquisition and Development. 	
3.	2013-2015
Geofields Tanzania Ltd	
Consulting Exploration geologist	
<ul style="list-style-type: none"> • Geological consultation services for various minerals companies including Anglo Ashanti Tanzania Ltd (Mkurumu and Biharamulo Greenfield Projects), Riga Mining, AMS Mining, Aurum and Dargo (Kahama, Nzega and Geita), Tirupati, Hindustan ect In various location in Tanzania such as Dodoma, Kahama, Nzega, Geita, Songwe, Mbeya, Shinyanga, Ruvuma, Singida (Ikungi), Lindi ect • Area Selection, Geological mapping, Soil and Grab Rock Sampling, Geophysical Survey (Ground magnetic and IP) Target generation, Drilling planning, Drill Rig Supervision, Logging, Photographing and Sampling Supervision and monitoring all QAQC matters (ie CRM insertion, core splitting, magsus measurement, sampling, and specific gravity measuring, sample parking ect) preparation, maintain and updating geodatabase, geological maps and drill sections. 	



- Drilling planning, Drill Rig Supervision (Both DD, RC and RAB), Logging and Sampling, QA/QC monitoring and updating other geologists on the future exploration targets through drill section generation, geology and mineralization interpretation.

5.	2008-2010
RioTinto Mining and Exploration company Ltd	
Exploration Geologist	
<ul style="list-style-type: none">• Planning and conducting reconnaissance trips, Geological mapping, Drill Rig Supervision, Logging and Sampling, contributing to geological presentations on potential projects, providing leadership in Health, Safety, Environment and Community (HSEC) by anticipating current and future risks and management. Managing all compliance related activities within one's area to ensure standards are met.	

References

Available on request.

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Filbert George

A small, square image showing a handwritten signature in blue ink on a light-colored background.

Signature

Date: 01/08/2022