

# NYACHURU NATIONS



BSc. Geology and Geography, U.Z. (2005)

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## CURRICULUM VITAE

### Objective

I am a person who has always wanted to be result driven and to excel in everything I set my mind and hands upon. I want to work hard effectively and efficiently and demonstrate excellence in the realization of organizational as well as personal goals.

### PERSONAL PROFILE

First Name	:	Nations
Surname	:	Nyachuru
Date of Birth	:	25 September 1980
Gender	:	Male
Marital Status	:	Married
Nationality/Citizenship	:	Zimbabwean
Languages	:	English and Shona
National Registration Number	:	15-124369F-15
Passport Number	:	BN 405184
Class 4 Driver's Licence No.	:	07952JZ

### ACADEMIC PROFILE

Professional Qualification	:	Bachelor of Science Degree in <b>Geology</b> and <b>Geography</b>
Institution	:	University of Zimbabwe (UZ), August 2001-2005
Pre-University Qualifications	:	<b>3</b> GCE Advanced Level Passes, Howard high school, 1999
	:	<b>8</b> GCE Ordinary Level Passes, Ruya High School, 1997
Management Development Courses	:	<ul style="list-style-type: none"><li>➤ Personal and Team effectiveness.</li><li>➤ Time and Stress management.</li><li>➤ Mentoring and Coaching skills.</li><li>➤ Supervisory skills.</li><li>➤ Principles of Management.</li><li>➤ ISO 9001:2008 Quality Management System: Internal Auditor.</li></ul>

### Summary of key personal attributes

- Capacity to work easily with and supervise multi-disciplinary teams, coupled with strong interaction skills across all levels. Self-starter
- Results driven with ability to work under pressure.
- Strong belief in Teamwork.

### Computer Software Knowledge

- Microsoft Tools.
- Surpac Modeling Software (GEMCOM) and Vulcan Maptek Modelling Software
- MapInfo professional/Discover Mapping Software.
- Global Mapper, ArcGIS mapping software.

## **Regulatory Boards & Consultants Guidelines**

- Conversant with Integrated Management Systems
  - ISO 9001: 2015 Quality Management System.
  - ISO 14001: 2015 Environmental Management System.
  - ISO 45001:2018 Occupational Health and Safety Management System.
- JORC and SAMREC Exploration results reporting codes.
- Zimbabwe Mines and Minerals Act and related acts.
- SRK Consultancy guidelines and recommendations (Coal)
- Coffey Mining Consultancy guidelines and recommendations (Iron Ore)
- Snowden Consultancy guidance (Diamonds)

## **Professional Experience**

### **Mineral Resource Exploration & Evaluation Manager (Zimbabwe Consolidated Diamond Company Pvt Limited)**

#### **Diamond Mining Projects (July 2017-To date)**

- Management of technical team ensuring compliances to all legal requirements and best industry practices to achieve the company goals.
- Departmental budgeting and cost management.
- Generation of exploration field mapping traverses and sampling grids.
- Management of exploration sampling including DD & RC drilling and pitting.
- Coordination of Diamond parcel valuation.
- Database management.
- Diamond Ore Resource solid and block modelling, estimation, and classification.
- Coordination of evaluation and Portal E exploration project feasibility studies.
- Ensuring SHEQ Compliance.

#### **Alluvial Gold Projects April 2016 to June 2017)**

- Identification of potential alluvial gold projects in Zimbabwe.
- Special grants application for identified areas in liaison with the Ministry of mines of Zimbabwe.
- Coordination of Environmental Impact assessments on identified projects.
- Coordination of geophysical surveys by Geophysicists.
- Generation of exploration programme including field mapping traverses and sampling grids.
- Supervision of RC drilling, trenching, pitting for samples generation and dispatches to the lab for analysis.
- Supervision of trenching, pitting for bulk samples generation and dispatches to the exploration processing plant for grade determination.
- Database management.
- Geological modelling and resource estimation.

### **Senior Exploration Geologist (Essar Infrastructure Zimbabwe Pvt Limited)**

#### **Chivhu Iron Ore Project (June 2012-March 2016)**

- Reporting to the Exploration Manager and executing all exploration plans.
- Supervising technical team comprising of Geologists and Geological Technicians.
- Generation of drilling programs and field mapping.
- Supervising drilling activities (Core & Reverse Circulation) done by contractors.
- Core and RC Logging.
- Management of Core Shed.
- Ore Resource modelling, estimation, and classification.
- Budget forecasts and cost control.
- Safety, Health & Environment compliances.

#### **BIMCO Limestone Pit**

- BIMCO Limestone pit assessment and evaluation

#### **Other Responsibilities**

- Production of technical, daily, weekly, monthly, and yearly reports.
- Mine evaluations and due diligence of Steelmakers Iron ore Mine and claims in Masvingo.

- Assessments and evaluation Iron ore Fines Dump of Mukwakwe Bukwa Mine.

#### **Coal Project (April 2011-May 2012)**

- Reporting to the Exploration Manager.
- Geological regional study for effective selection and testing of targeted areas.
- Budget forecasting and costs controls.
- Field mapping.
- Planning and production of drilling programmes.
- Supervising diamond drilling operations, core logging and sampling.
- Optimizing drilling method and techniques.
- Ensuring QA/QC.
- Database Management.
- Geological modeling and resource/ reserve classification according to SAMREC code.
- Ensuring compliances to Safety, Health & Environment standards.

#### **Acting Chief Geologist –January 2011 to April 2011 (Hwange Colliery Company Limited)**

- Assisting in the accurate delineation of the mineral resource and rigorous grade control
- Aiding in the management of exploration in the mine areas in order to locate additions to the ore reserve.
- Supervising Junior Geologist and Geological Technicians to produce required geological information for planning purposes and guiding mining sections.
- Supervising and creating training programmers for interns.

#### **Exploration Geologist - August 2009 to December 2010 (Hwange Colliery Company Limited)**

- Carrying out regional study of targeted coal exploration areas to facilitate strategic planning.
- Establishing the physical attributes and coal seam geometry.

#### **Duties Performed include:**

- Field mapping.
- Planning and production of drilling programme.
- Setting drilling performance targets.
- Supervising diamond drilling operations.
- Logging and sampling of drilled cores.
- Database management.
- Ore Resource modeling and classification.
- Cost management of drilling activities.
- Manpower and Industrial relations management.
- Monitoring and ensuring compliances on Safety, Health and Environmental requirements.

#### **Production Geologist- June 2007 to July 2009 July (Hwange Colliery Company Limited)**

- Carrying out routine geological work by providing a constant feed of data for operational and short-term planning and quality assurance.
- Confirming and giving advance information on physical attributes and coal seam geometry on section /cut/ panel to be mined.

#### **Duties Performed includes:**

- Daily coal quality monitoring.
- Coal quality and quantity projections and reconciliations.
- Geological Modelling for the Opencast Mines and Underground Mine.
- Underground chip sampling and Opencast grab sampling.
- Implementing and ensuring compliance to Geology Policies, Standards, and procedures.
- Routine office work (Weekly, and monthly reports and Geological presentations) and any additional geological duties as and when requested by the Head of Department.

#### **Graduate Learner Geologist- August 2005 To May 2007 (Hwange Colliery Company Limited)**

**HOBBIES:**

- Reading newspapers, magazines, and any developmental material.
- Playing soccer.
- Fishing.
- Travelling.

**REFERENCES:****Mr O.J. Maponga**

University of Zimbabwe Lecturer (Former HCCL Business Development Manager)

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Nyachuru Nations  
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