



<b>Occupation</b>	<b>Consultant (Mining and Environmental)</b>
<b>Age</b>	31
<b>Gender</b>	Female
<b>Nationality</b>	South African
<b>Ethnic Group</b>	African
<b>Language</b>	English, Venda, Tswana
<b>Career Objective</b>	To bring inspiration and innovation to every client, and build a place where people can come to find and discover anything they might want to know about environment and mining legislation.
<b>Current Employer</b>	Self Employed- <b>Sole Proprietorship</b>

#### Contact Details

<b>Cell phone</b>	+27 (0) 82 760 8420 +27 (0) 53 842 0687
<b>Email</b>	<a href="mailto:atshidzaho@gmail.com">atshidzaho@gmail.com</a>
<b>Residential Location</b>	Herlear, Kimberley, Northern Cape Province, South Africa

#### Profile

A self-motivated and hardworking Geologist, with 8 years' experience in the environmental, mining exploration, open cast work and Consulting in the mining industry. Able to use own initiative and work as part of a team. Proven leadership skills from supervising exploration rigs (Reverse Circulation and percussion drilling). Proven working experience in field exploration and mapping, borehole logging, borehole sampling, sample preparation for laboratory analysis, handling of GPS, supervisory duties within the Field, geological report and Progress report writing and Report writing, including Prospecting Work Programmes and environmental management plans, handling DMR documents in general. Background in GIS Arc view software, Rockworks, Turbo-Cad and Turbo-sketch, and Global Mapper Application.



## Education

2008  
 University of Venda  
**BSc (Hons) Earth Sciences in Mining and Environmental Geology**  
*\* Honours Project: Investigation of Kimberlite indicator minerals: A step towards developing visible characteristics for the prioritization of diamondiferous target.*

## Professional Courses / Training

2012	4 <sup>th</sup> Annual Mineral Resources Compliance & Reporting Conference 22 & 23 August 2012	Department of Mineral and Resources
2010	Microsoft office and excel 2007 Training June-September	Georock International
2008	Mentoring course	Macvlei Company
2007	Annual diamond and kimberlite symposium Kimberley, South Africa from 23 to 24 August 2007,	Geological Society of South Africa Directorate of Professional Programmes' (DPP)

## Computer Skills

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| <ul style="list-style-type: none"> <li>• Microsoft Office (Word, Excel, PowerPoint)</li> <li>• GIS (arc view) software</li> <li>• Google earth</li> <li>• Map Source</li> <li>• Global mapper</li> </ul> | <ul style="list-style-type: none"> <li>• Topo and Rec map</li> <li>• Turbo-sketch</li> <li>• Turbo-Cad</li> <li>• Corel Draw</li> <li>• Rockwork 2006</li> <li>• Base Map</li> </ul> |
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## Areas of Expertise

- **Mineral and Petroleum Resources Development act 2002 Applications**
- **National Environmental Management Act (Act No 107 of 1998)**
- Rehabilitation after work done
- Safety Procedures (pre-checklist)
- Negotiation.
- Site Preparation before any exploration work can be performed.



**1. MARCH 2014-PRESENT**

**NDI GEOLOGICAL CONSULTING SERVICES-SELF EMPLOYED**

**CONSULTING GEOLOGIST**

**Responsibilities**

- Provide geological information for mining
- Site visit for inspection in the mine
- Mining Work Programme
- Financial and technical ability
- Environmental management Plan/Programme
- Scoping Report
- Social and Labour Plan
- Prospecting work programme
- Report on Results of Consultation
- Section 11 and 102 Application
- Closure application
- Annual Reporting-Performance Assessment Report
- Environmental Impact Assessment Regulation,2014
- Basic Assessment Report
- Public Participation Process (consultation)
- Environmental Authorisation

**Major Projects**

- ***Mining Right application, Mining Permit application and Prospecting Right***



**2. FEB 2013 – MAY 2014**

**Centre for Advanced Satellite and Mineral Exploration- Geoscientific Mineral Resources**

**GEOLOGIST**

**Responsibilities**

- Reporting to the CEO.
- I was appointed as a geologist to compile Geological Packages for **Africa and Asia** (Liberia, Angola, Mali, Nigeria, Portugal, South Africa, Zambia, Republic of the Union of Myanmar and Mongolia).
- Interpretation based on Quickbird 600mm Resolution Archive Satellite Image Data, Digital Elevation Data, Satellite Image Data ASTER, Satellite Image Data LANDSAT LCDM, Satellite Image Data Pléiades, Spectral Analysis, Synthetic Aperture Radar and Satellite Image Data RapidEye).
- Provide geological information for mining
- Site visit for inspection in the mine
- Mining Work Programme
- Financial and technical ability
- Environmental management Plan/Programme
- Scoping Report
- Social and Labour Plan
- Prospecting work programme
- Report on Results of Consultation
- Section 11 and 102 Application
- Closure application
- Annual Reporting-Performance Assessment Report

**Major Projects**

- Geological Desktop Study Report for Liberia, Angola, Mali, Nigeria, Portugal, South Africa, Zambia, Republic of the Union of Myanmar and Mongolia.

**Achievements**

- Successful Mining Right application, Mining Permit application and Prospecting Right

**Reason for wanting to leave**

- Growth



**3. FEB 2012 – DECEMBER 2012**

**Pikwane Diamonds Mining Company**

**GEOLOGIST**

**Responsibilities**

- Reporting to the Chattered accountant and the CEO (small scale mine).
- I was appointed as a geologist to uplift section 54 issued for Bo-Karoo Company (Douglas) in January 2012 in which it was successful. Furthermore, the company was standing due to failure of compliance with rehabilitation plan. The financial provision quantum required a guarantee of R16.5M to be paid immediately. After the negotiation with the DMR to give me 1month to show the company commitment on rehabilitation, in three weeks period when I was supervising the rehabilitation, the new financial provision quantum required drop down to R13M.
- I received complement from the 10 miners I was supervising, the work ethics, communication and motivation they received was overwhelming.
- Workers were refusing to work overtime in order to meet the DMR deadline due to some in house problems occurred previously, but with my negotiation skills, motivation, and problem solving skills we end up working on 10hrs shift Monday to Sunday. The target and deadline was met with positive results within 3 weeks.
- The management where impressed with my work but I give the guys credit for giving me the opportunity to work with them.
- Grade control, face mapping, pebbles counting and drawing of cross sections
- Capturing geological data and management of database
- Provide geological information for mining
- Continuous supervision to the mining process to improve quantity and quality mined
- Status Report on the DMR documents
- Compiling prospecting work programme
- Site visit for inspection in the mine
- Field mapping
- Minor report writing and give recommendation

**Major Projects**

- Bo-Karoo.

**Achievements**

- The financial provision quantum required a guarantee of R16.5M to be paid immediately. After the negotiation with the DMR to give me 1month to show the company commitment on rehabilitation, in three weeks period when I was supervising the rehabilitation, the new financial provision quantum required drop down to R13M.

**Reason for wanting to leave**

- Temporary (contract)

**4. JAN 2010 – OCT 2011**

**Geo-Rock International (Pty) Ltd**

**EXPLORATION GEOLOGIST**



### **Responsibilities**

- Reporting to the Administrator, Manager and the principal geologist?
- Directly managing 2 geo-technicians, 3 fields assistant and the drilling contractors. Received complement from my seniors and client when I was overseeing Lohatlha and Doornfontein project.
- Involved in the supervision of prospecting and mining of different commodities (which includes supervision of trenching sites, RC drilling, field mapping and taking manganese and iron samples to the laboratory for further analysis.
- Compiling prospecting work programme.
- Conduct basic assessments and Environmental Management Programme.
- Produce Sketch Plans (Survey plan, combined plan, Topographic plan, Locality plan and Prospecting plan using Arc view 9 software ), and locating the areas using GPS, and map-source.
- Setting Borehole layouts and give coordinates using the Arcview 9 software.
- Digitizing maps using Global Mapper 9 Application.
- Geological report writing for the client (desktop study).
- Drawing of cross-sections using Rockworks, Turbo-Cad and Turbo-sketch.
- Database management
- Mentoring Geo-technicians.

### **Major Projects**

- Lohatlha and Doornfontein project

### **Achievements**

- When I was overseeing the Drilling at Lohatlha we Complete 350 boreholes of reverse circulation in three months period just before the client prospecting permit expires within 2 days.

### **Reason for leaving**

- Retrenched due to liquidation.

## **5. APR 2007 – FEB 2009**

### **Rockwell diamonds Mining Company**

#### **EXPLORATION GEOLOGIST**

##### **Responsibilities**

- Reporting to the Mineral Resource Manager?
- Directly managing 2 Exploration drilling machines and attending to complaints from contractors on site.
- Supervise exploration drilling (Reverse Circulation) and Percussion drilling.
- Pit and trench logging.
- Phase mapping.
- Samples logging.
- Provide geological information for mining and pit planning.
- Continuous supervision to the mining process to improve quantity and quality of gravel mined.
- Sampling.
- Grade control, face mapping, pebbles counting and drawing of cross sections.
- Capturing geological data and management of database.
- Training vocational students and geologist assistance.

##### **Major Projects**



- Klipdam 157, Holpan 161, Saxendrift 20, Lanyon Vale 376/ Wouterspan, Makoenskloof/ Rieds Drift 74, Blaauw Bosch 78, and Zweetfontein 76

### **Achievements**

- Completed over 2000 RC boreholes between 2007 and 2008.
- Completed ±350 trenches in two months (October – November 2008).

### **Reason for leaving**

- Retrenched due to recession.

### **Vacation Work**

- IThemba Laboratory, Department of Geophysics December 2006 to January 2007
- Rio Tinto Mining and Exploration June 2005 –August 2006

### **Professional Strengths**

- *Adaptable*
  - Able to handle change and adapt to new situations.
  - Flexibility and positive attitude to change
- *Communication*
  - Able to communicate orally, in writing, or via electronic means
  - Excellent listener and communicator, effectively conveys information verbally and in writing.
  - Able to interact with other people at all levels of the organization.
- *Confident*
  - Effective judgment and decision making skills.
  - Able to see opportunities and to set and achieve goals.
  - Able to work on own initiative, with minimum supervision
- *Customer Service*
  - Service oriented attitude and great customer facing skills
  - Excellent internal and external negotiation skills with ability to engage and influence clients.
  - Experience in recognition of customer needs and how to deliver an effective customer experience.
- *Enthusiasm*
  - Willing to learn and adapt to changing environments
  - Enthusiastic with the ability to motivate self and others in a pressurized environment.
- *Leadership*
  - An inspiring leader with the ability to think laterally, provide solutions and exercise independent judgment in the resolution of problems.
  - Proven leadership skills involving managing, developing and motivating teams to achieve their objectives.
- *Motivated*
  - Focused, self-motivated and target driven; determined to succeed.
  - Self-motivated
  - High personal drive

### **Endorsements**

Ndi showed excellent work performance and she also shows excellent ability to work within a team and individually. She can be entrusted with decision making. L.Loots, *Administrative Director, Geo-Rock International*

**NDI GEOLOGICAL CONSULTING SERVICES-SOLE PROPRIETARY**

NDIVHUDZANNYI MOFOKENG

38 Ophelia Street

Kimberley, 8301

Cell: 082 760 8420

Tel: 053 842 0687

Fax: 086 538 1069

[atshidzaho@gmail.com](mailto:atshidzaho@gmail.com)**References**

<b>Mr. Riaan Visser</b> Chartered accountant	Pikwane Diamonds Company	+27 (0) 53 831 5030 +27 (0) 84 431 0118
<b>Mr. Glenn Norton</b> Mineral Resource Manager	Rockwell Diamonds Company	+27 (0) 53 531 1300 +27 (0) 83 630 5357
<b>Mrs. Lindie Loots</b> Admin & Human resource	Geo-Rock International	+27 (0) 53 831 7634

**Client List (known as Ndi)**

Ditukus Projects Pty Ltd- 071 888 2606

Corpclo 2240 CC- 021 782 4785/ 081 270 9907

Suma Export (Pty) Ltd - Courie Forrie- 0824490003

Pulmut Mining and Exploration (Pty) Ltd – Pule Mutloane-083 2650732

Matolo Trade and Investment Pty- Tantho Motsamai-081 392 3214

Kareevlei Mining Pty Ltd- Riaan Visser-0844310118

Good Hope Cc- Hennie Van Wyk-0828201879

Petra Diamonds Pty Ltd- Clive Fanti-0837795573

Wadala mining and consulting- Roelien Woosthuizen-084 2089088

Jubacel Pty Ltd- Olifant Solly-079 847 2741

An-Zal Vervoer Cc- Carel Daniel Dippenaar- 082 774 3379

Asia Mining- Lesedi Lawrence Mocwagole -071 0432075

Mabote and Matlopane Trading- Chico-083 359 6476

Nyanyiwa Diamond cc- Edward Forman- 081 799 0954/072 2574875

Zetsatsi Mining (Pty) Ltd- Jay Ragoonanthun-(011) 432 3730