

STATEMENT OF QUALIFICATION AND WORK EXPERIENCE

NAME: Siyambango Mulife Sikalumbu

a. Qualified geologist, and specialist in industrial minerals and rocks. Obtained a **MSc in Industrial Rocks and Minerals** with majors in Mineral Resource Assessment & Estimation; Mineral Extraction & Management Marketing of Industrial Rocks and Minerals, Geology and Technology of Industrial Rocks and Minerals. 10 year Geoscience experience.

b. a fully trained and qualified Chemist with a **BSc in analytical, inorganic and physical chemistry**. Extensively trained and experienced in analytical instruments that are essential for mineral exploration and mineral processing.

c. Academically and experienced trained Manager, with an **MBA in Banking, Accounting and Strategic Management**. The qualification supplements the economic assessment of commerciality of mineral resources for assessment of the bankability. An experienced Strategic Manager in corporate management.

PROFESSIONAL RECOGNITION.

1. Awarded a MCSM (Master of Camborne School of Mines in 2000) as certification of profession recognition in earth science from the Camborne School of Mines in England.
2. Fellow of the University of Exeter Alumni, in England

WORK EXPERIENCE SUMMARY 1996 – PRESENT.

| Year | Position | Institution |
|----------------|-------------------------------|---------------------------------|
| 1996 – 1999 | Geotechnician | Geological Survey: MME |
| 1999-2000 | Geologist /Geochemist | Geological Survey: MME |
| 2000-2003 | Principle Petroleum Geologist | Dir. Energy: MME |
| 2003-2006 | Chief Petroleum Inspector | Dir. Energy: MME |
| 2006-2008 | Chief Executive Officer | Namibia Liquid Fuel |
| 2008 - Present | Centre Director | Centre for Geosciences Research |

APPOINTMENTS AND PORTFOLIO OCCUPANCY: WORK EXPERIENCE
1996PRESENT

1. Experience in Geosciences Consultancy Current:

Position: Centre Director

Organisation: Centre for Geosciences Research.

Duration: April 2008 to Present

Responsibilities

Manage the centre and conduct geoscience research in the area of petroleum exploration and production, mineral exploration and GIS service to the Government and private industry. The Centre is 100% owned by Mr Siyambango, and employees two Geoscientist and a support staff of eight.

2. General and Strategic Management Experience in Petroleum Industry

A.

Position: Chief Executive Officer

Organisation: Namibia Liquid Fuel (pty) Ltd. **Duration:**

01 July 2006 –March 2008

Responsibilities

Provide directional leadership and establish a functional office in Windhoek. Accountable to the board of NLF. Implement strategic goals and objective of NLF by executing a directional leadership in an objective orientated management. Provide a Continuous Improvement Process (CIP) to the company's staff and management.

Achievements:

- **Set up a company**
- **Reach the expected targeted company profits**
- **Successful supply chain of fuel to Namcor**
- **Manage of NAMCOR fuel tender**

B.

Position: Chief Petroleum Inspector:

Division: Petroleum Exploration and Production

Organisation: Ministry of Mines and Energy. Energy Directorate

Duration: 01 July 2003 –June 2006

Responsibility:

The Chief Inspector in consultation with the Legal Adviser contributes to the development of policies, legislation and regulations to ensure the orderly and efficient development of the exploration of upstream petroleum sub-sector. I also provide technical expertise in research, comparative investigations and the application of analytical frameworks, e.g. petroleum resource assessment, field development and production planning. Chief Inspector manage the Supervision of the downstream Petroleum industry's Health, Safety and Environment Section of the Resources Management and Control Division. In addition, ensures the development of Petroleum upstream and downstream through enhancement of and compliance to integrated risk management criteria, systems, methods and processes for people and resources that are based on international HSE best practice. And also supervises the Petroleum Inspectors in the Section and serves as the statutory Deputy to the Petroleum Commissioner in the Ministry of Mines and Energy.

C.

Principle Geologist / Acting Petroleum Commissioner

Acting Petroleum Commissioner:

Institution: Ministry of Mines and Energy

Directorate: Energy: Petroleum Exploration and Production. **Duration:** 01 September 2002 –Jan 2003

Principle Geologist (Petroleum Exploration and Production)

Institution: Ministry of Mines and Energy

Directorate: Energy: Petroleum Exploration and Production.

Duration: Oct- 2000 – June 2003

Job description: Petroleum Geologist:

As the Exploration & Production geologist I provides in-house technical advice and capacity to ensure that Namibia receives the optimum benefit from the exploration and exploitation of its oil and gas resources while achieving the necessary balance of interests to attract necessary international and local investment. In addition, I contribute, in consultation with the Legal Adviser, to the development of policies, legislation and regulations to ensure the orderly and efficient development of the upstream petroleum sub-sector. I also provide technical expertise in research, comparative investigations and the application of analytical frameworks, e.g. petroleum resource assessment, field development and production planning.

3 . Academic: knowledge transfer experience in Geosciences.

Lecturer: Geology (Part Time)

Institution: University of Namibia

Department: Geology and Earth Sciences

Duration: Jan 2000 – 2014

Job description

Lecture geology to the second year geology students including the following modules: Introduction to Physical Geology; Introduction to Minerals (Igneous, sedimentary and Metamorphic); earth resources & structure geology.

4. Analytical Geosciences practical experience

Geochemist / Geologist:

Institution: Ministry of Mines and Energy **Directorate:**
Geological Survey.

Duration: 1999-2000

Job description

Laboratory assessment of minerals for physical and chemical properties determination.

- Investigate Mineral resources that are applicable industrial raw materials to small scale mining community-based operations in rural Namibia.
- Advise into designing of mineral processing techniques with regard to industrial Minerals.
- Managing of the industrial minerals and geochemistry laboratories □ Provide laboratory support to industrial minerals investors.
- Create database on Namibian Industrial minerals specification.

Geotechnician / Counterpart to BGS * Technical Assistant

Institution: Ministry of Mines and Energy **Directorate:**
Geological Survey.

Duration: 1996-1999

Technical Assistant to BGS technical team SYSMIN Project K –Industrial Minerals. Ministry of Mines and Energy (Geological Survey). (1996-1999)

Job description: Geotechnical:

- Namibian Technical assistant to the bilateral BGS Sysmin project – industrial minerals project K
- Investigate Mineral resources that are applicable industrial raw materials to small scale mining community-based operations in rural Namibia.
- Advise into designing of mineral processing techniques with regard to industrial Minerals.
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CONSULTANCY**Main details of Petroleum Exploration consultancy:**

Provide a service to prepare the Petroleum Exploration licence, Desk top review the Basin petroleum system, Preparation of 8 (eight) years petroleum exploration Program and Budget. Interpretation of the petroleum system by means of geological & geophysical data and compilation over the entire licence area. Defining of the anticipated reservoir and target.

List of Companies service rendered.

| Company Name | Petroleum Exploration Block(s) | Basin |
|--|---------------------------------------|---------------------|
| Amis Energy (pty) Ltd | 2612A, | Ludertiz/ Walvis |
| Petrotek (pty) Ltd | 2715A&B | Orange |
| Hallie Investments 3045 (pty) | 2516, 2517, 2616 & 2617 | Waterberg |
| Hallie Investments 3067 (pty) | 2716, 2717, 2718 & 2816 | Nama |
| UNIMAG TRADING S.A. (SWITZERLAND) | 2614A & 2614B | Luderitz |
| PJ Mining (pty) Ltd | 2412A and 2413B | Zaris -Sub |
| Towers Investments (pty) Ltd (Eco oil and gas) | 2213A & B | Walvis |
| CEDAR Point Investments Company (Sierra Leone). | SL-8A-10 | Sierra Leone |
| Premier Oil and Gas (pty) Ltd | 1718, 1818, 1819 | Owambo |
| Towers Investments (pty) Ltd (Eco oil and gas) | 2418 | Aranos |
| Preview Energy (pty) Ltd | | Owambo |
| Southern Oil and Gas Explorers | | Orange |
| Goodwill Investments | | Waterberg |
| Gazania Investments 141 (pty) | | Waterberg |

Other Consultancies:

| Client | Consultancy |
|------------------------------|---|
| Ministry of Mines and Energy | <ol style="list-style-type: none">1. Ceramic Clay feasibility studies Kavango and Zambezi2. Feasibility studies for glass raw material in Hardap Region.3. Feasibility studies to produce acetylene Gas from limestone in Karibib4. Feasibility studies to establish a slasto plan at Noorduvre in Karas |

Experience in Environmental Monitoring of Offshore petroleum Exploration

1. REPSOL Namibia (PTY) LTD on the drilling of the **Welwitschia -1 Well** in Blocks 1910A, 1911 and 2011A, Walvis Basin, Northern Offshore, Namibia, 2013 -2014;
2. Petrobras Namibia on the drilling of the **Kabeljou-1 Well** in Block 2914A, Lüderitz Basin, Offshore Southern Namibia, 2012 – 2013;
3. HRT Africa on the drilling of the **Moosehead-1 Well** in Block 2713 in the Orange and Offshore Southern Namibia 2012 – 2013;
4. HRT Africa on the drilling of the **Murombe Well** in Block 2212A Walvis Basin Offshore, Central Namibia 2012 – 2013;
5. HRT Africa on the drilling of the **Wingat Well in Block 2212A** Walvis Basin Offshore, Central Namibia 2012 – 2013;
6. Chariot Oil and Gas Limited on the **Tapir South 1 drilling Block 1811**, Namibe Basin, Offshore Northern Namibia 2011 – 2012;
7. Sintezneftegaz Namibia LTD on the drilling of the **Kunene 1 Well** in Block 1711, Namibe Basin, Offshore Northern, 2007 – 2008.

PUBLICATIONS / REFERENCE PAPERS

1. **Siyambango M S (2001)** MBA-mini project: Development of Small Scale Mining: Opportunities for entrepreneurship and Job creation in Namibia. Maastricht School of Management, Netherlands.
2. **Siyambango MS. (2000)** (*abstracts on Durban Conference papers*) Heavy Minerals in Namib Desert and their significance as industrial Minerals resources in Namibia. Industrial Minerals Journal. September issue. London UK
3. **Siyambango M, (2000)** Review on the potential raw materials for cement between Swakopmund and Karibib. (Un published) open file / technical report. Geological Survey of Namibia.
4. **Siyambango M S, (1995)** The Impact of government policies on land use practices, *Summer desertification Project Report Gobabeb*. DRFN, Windhoek Namibia. P 94-99.
5. **Siyambango M, Piper, DP and Bloodworth AJ, (1998)** Ceramic Clay Resources, Mariental: Preliminary resource and laboratory evaluation. Unpub. Open –file Report EG 101, Economic Geology Series, Geological Survey of Namibia.

Local Publications: Annual Business Namibia Magazine

1. **Business Namibia: Africa Directory Services 2005: Papers written by M Siyambango;**
 - Namibia a new source of Petroleum destination
 - Review of the Mining industry 2005
2. **Business Namibia: Africa Directory Services 2006: Papers written by M Siyambango;**
 - Namibia enters petroleum production era
 - Challenges in creating a successful Small Mining Entrepreneurship in Namibia
 - Policy Makers checkmate Diamond movers during Omugongo conference in Windhoek
 - Namibia's lucrative Dimension Stone industry
 - Namibia's Energy Review 2006

Technical References:

1. Set up and Managed Industrial Minerals Laboratory in the Ministry of Mines and Energy in 2000.
2. Own a research company to conduct research specifically on mineral commodities that can stimulate industrial growth. A current study is focused on Cement raw materials in Southern Namibia.

Reference

1. **Permanent Secretary**, Ministry of Mines and Energy, 1 Aviation Road ,Windhoek .Tel: 061-2848111
2. **Professor C Wesche**, University of Namibia Senior Lecturer Chemistry Department Tel: 061-2063111
3. **Course Director: EMBA (Maastricht outreach programme)** University of Namibia, Faculty of Management Science and Economics Windhoek Tel: 061 2063111
4. **Professor P W Scott; University of Exeter** Camborne School of Mines Senior Lecturer in industrial Geology Redruth, Cornwall TR15 3SE, UK
Tel 00 44 (1209) 714866 Fax 00 44 (1209) 716977
5. **Dr F Kamona**, Lecturer Geology Department. University of Namibia. Tel 061306311