

Company Profile



GNS Projects (Pty) Ltd

Geotechnical Needs Solutions Contractors

Business Address:

Orapa
Botswana

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1. Background

Company History

GNS Projects (Pty) Ltd is a private company incorporated under the laws of the Republic of Botswana. It is an **80%** Botswana & **20%** Spouse of a Citizen owned Company. The company was established on the 25 August 2022 and has effectively started operating immediately thereafter. GNS Projects Pty Ltd also provides consultancy services for Maccaferri South Africa in Botswana.

What we do

Our core business is as follows:

- **Mining Solutions:**
 - Slope support services
 - Wire mesh draping
 - Cable bolting
 - Specialised grouting
 - Shortcreting
 - Prism installation
 - Dewatering and Depressurisation infrastructure
 - Design and installation for pumping infrastructure
 - Maintenance of dewatering infrastructure
- **Engineering and construction work.**
 - Civil and structural infrastructure development projects
 - Structural concrete works
 - Structural steel works
 - Building and construction works
 - Roads and Stormwater construction Works
 - Earthworks
 - Road construction
 - Stormwater drainages
 - Water and Sanitation Projects
 - Water supply and reticulation infrastructure
 - Sewerage reticulation, collection, and treatment works
 - Borehole equipping works.



- **Maccaferri Consultancy Services**
 - Natural Hazard & Rockfall Mitigation
 - Rockfall protection and natural hazard mitigation systems are key elements in the security and safety of roads, railways, mining operations and infrastructure networks. Even small rockfalls or debris flows can obstruct infrastructure and have far-reaching economic effects beyond the immediate disruption. This also applies to buildings or other installations at risk of damage from rockfalls, debris flows or avalanches.
 - Mesh Systems
 - Maccaferri offers a complete range of mesh systems for rockfall protection. Selection of the optimum solution is based upon the analysis of the project site conditions (geology, topography, environment, static and dynamic loading conditions) and client requirements (design life, maintenance).
 - PoliMac®
 - PoliMac® is the new long-lasting and sustainable coating to respond to more aggressive environmental exposure and more demanding operating conditions.
 - Steelgrid®
 - Steelgrid® HR is a composite mesh offering high stiffness; high tensile strength at low strain and high punch resistance with low deformation.
 - MacArmour®
 - MacArmour® is a 2 in 1 system which combines the stiffness of bi-oriented high tensile wire ropes with the flexibility of double twist steel wire mesh in a new, more robust and safer solution able to address any operational condition.
 - HEA Panels
 - HEA Panels are the stiffest products within the Maccaferri Mac.RO™ Systems mesh range, offering extreme strength at low strain. The panels are woven from a single continuous length of high tensile strength steel wire rope, joined at each crossing point with the patented HEA 'double knot' connection. Unlike single twist spiral rope nets, the construction of HEA Panels provides exceptional stress/



strain performance with the lowest possible deformation.

- MESH SYSTEMS
TESTING & DESIGN
 - Maccaferri meshes have been extensively tested by recognised technical institutions and on project sites throughout the world. Quality Management processes continuously improve the systems.
- DYNAMIC
ROCKFALL BARRIERS
 - When commercial, safety, access or other conditions prohibit the implementation of a solution within the Detachment Zone, barriers within the Transit or Impact zones can be very effective at protecting infrastructure.
- DEBRIS FLOW
& SHALLOW LANDSLIDE BARRIERS
 - Debris flows are highly mobile flows of mixed material and are triggered by the rapid build-up of water within the slope, saturating the ground. Debris flows can travel at high speeds and contain huge volumes of material and consequently pose a high risk to people, property and infrastructure.
- ROCKFALL
EMBANKMENTS & CONSOLIDATION
 - When the capacity of dynamic rockfall barriers is not sufficient, earth embankments and bunds are commonly used as protection from natural hazards; landslides, rockfalls, avalanches and more.
- SOIL NAILING
& SURFACE PROTECTION
 - Soil nailing is a technique that can be used both on natural and excavated slopes, where the slope is reinforced by the insertion of tendons.
- ALERT SYSTEM
HELLOMAC
 - HELLOMAC is an alert system developed to monitor our rockfall protections, especially



in remote areas. Get an alert when a rockfall event occurs!

- **SYSTEM ACCESSORIES**
 - Maccaferri also offers a variety of accessories, specifically selected for their compatibility with the range of rockfall mitigation solutions. Clients can select whether they require a package solution, or individual components to suit the project and local relationships.

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Our business target is mostly Mining Sector, Government, Parastatals, and private clients.

2. Strategy & Vision

a. Slogan

“Safety, Dedication, Devotion & Limitlessness ”

b. Vision Statement

GNS (Pty) Ltd is dedicated to becoming a benchmark solution provider across a wide range of engineering disciplines.

c. Mission statement

With a well-defined direction in place, the path to realise our vision is based on fundamental drivers, instrumental in achieving our goals. Our mission:

To provide benchmark sustainable engineering solutions

d. Values

- **Zero Harm:** We believe it is possible to deliver safe work and environmentally friendly solutions.
- **People:** We believe our employees are our best asset, working hard every day to complete each job with quality workmanship, diligence, and pride
- **Honesty and Integrity:** We believe that honesty and integrity shall be instilled in every job in accordance with best governance practices.
- **Excellence:** We believe in always providing innovative and technologically driven solutions.



- **Collaboration:** We believe in working cohesively with all our stakeholders to deliver to achieve business benefits.

e. Goals

Our goals:

- To provide innovative technology for a wide spectrum of engineering problems
- To provide effective and sustainable solutions to our customers
- To diversify client base for maximum repeat business.

f. Growth strategy

With our philosophy, values, and mission firmly in place, we are targeting controlled growth and sustained profitability in the near future leveraging on innovation and technology. Our clients, employees, and other stakeholders remain the principal focus of our operation as defined by our cooperate values.

3. Management & Ownership

Directors & Managers

DIRECTOR	NATIONALITY	Position	ROLE	QUALIFICATION
Simon Moses	South African	Managing Director	Operations Manger	Slope Support Specialist (Level 1 Rope Access Technician)
Bonolo Magudu	Motswana	Director	HR and Marketing Manager	Degree in Human Resource Management



4. Portfolio

Recent Projects:

➤ **Tshukudu Metals Botswana Pty Ltd, Sandfire Mine, Motheo T3 Pit, Ghanzi (2024)**

This project included the installation of high wall monitoring instruments. We installed Target Prisms on the Highwall approximately 150 meter in height and over 250 meters in width in the T3 Pit of the mine. The method used to execute the works was through Rope Access from the crest to the toe of the Highwall. Estimated cost for this project was P571 662.98

➤ **Tshukudu Metals Botswana Pty Ltd, Sandfire Mine, Motheo T3 Pit, Ghanzi (2025)**

This project included the installation of high wall monitoring instruments. We installed Target Prisms on the Highwall approximately 150 meter in height and over 300 meters in width in the T3 Pit of the mine. The method used to execute the works was through Rope Access from the crest to the toe of the Highwall. Estimated cost for this project was P1 824 238.75

Thank you for taking time to read our company profile and do not hesitate to engage us for your needs.

We Are Your Go To Solution Provider

