

Background Information Document of the Bona Cobalt Prospecting Project

1 November 2022



To whom it may concern

Our Reference: NW 30/5/1/1/2 (13562) PR

**PROSPECTING RIGHT APPLICATION INFORMATION DOCUMENT FOR:
NW 30/5/1/1/2 (13562) PR
PORTION 13 OF THE FARM MARAIS HOOP 251 IM, PORTION 14 OF THE FARM DUTOIT
251 IM AND PORTION 19 OF THE FARM FOUCHE 251 IM, SITUATED IN THE
MAGISTERIAL DISTRICT OF BLOEMHOF, NORTH WEST**

1. INTRODUCTION

Bona Resources (Pty) Ltd has been accepted for the rights to conduct prospecting operations as per Section 16 of the Mineral and Petroleum Resources Development Act (No 28 of 2002), as amended by Section 12 of Act 49 of 2008 and Environmental Authorisations in terms of the National Environmental Management Act (107 of 1998) as amended on Portion 13 of the Farm Marais Hoop 251 IM, Portion 14 of the Farm Dutoit 251 IM and Portion 19 of the Farm Fouche 251 IM located in the magisterial district of Bloemhof. The farms are located within the Kagisano/Molopo local municipality of the Dr Ruth Segomotsi Mompati district municipality. The Prospecting Works Programme for Zinc Ore, Zirconium Ore, Amazonite (Gemstone), Antimony Ore, Beryllium Ore, Bismuth Ore, Chrome Ore, Clay (General), Cobalt, Copper Ore, Diamond (General), Diamond, Diamond (Alluvial), Diamond (in Kimberlite), Gold Ore, Graphite, Iron Ore, Lead, Manganese Ore, Nickel Ore, Platinum Group Metals, Pyrite, Tin Ore, Uranium Ore, Vanadium Ore, Zeolite was submitted to the Department of Mineral Resources and Energy (DMRE), North West. The DMRE accepted the application and issued an acceptance letter with reference NW 30/5/1/1/2 (13562) PR. The letter is attached as **Annexure A** to this document. In terms of the DMRE letter, Bona Resources (Pty) Ltd must:

- Prepare and submit a Basic Assessment Report as stipulated in Regulation 19(1) to 19(8) of the EIA Regulations,



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- Consult with the department of Land Affairs and the Commission on Restitution of Land Rights and submit the results of that consultation to the DMRE on or before 25 November 2022, and
- Notify and consult with the landowners or lawful occupier and any other affected party and submit the results of such consultation to the DMRE.

Zyntha Consulting (Pty) Ltd has been appointed by Bona Resources (Pty) Ltd to conduct the Public Participation and draft the Prospecting Basic Assessment Report (Prospecting BAR).

The Public Participation Process will be in support of the NEMA Regulations, Government Notice Regulation (GNR) 982 Chapter 6 (as amended).

Other legislation that was also considered:

- The NEMA GNR 983, 984 and 985 of December 2014 (as amended).
- The National Water Act (Act No. 36 of 1998) (NWA)(as amended).

The Public Participation Process that will be undertaken will conform to the principles set out in the NEMA, as amended, as well as the Water Use Licence Application and Appeals Regulations of 2017 (GNR 267) published under the NWA. The following key principles as embedded in NEMA will apply:

- The public must be well informed when making decisions about the environment;
- Development must be socially, environmentally and economically sustainable; and
- Decisions must be made in an open and transparent manner and there must be access to information.

The landowners of the farms comprising the prospecting right application area are indicated in **Table 1** below and Figure 1 overleaf.

Table 1: Landowner details

Farm	Owner	Title Deed
Main Section Block B Portion 13 of 251 IM	Republic of Bophuthatswana and Republic of South Africa	T169/1986BP T1244/2018
Main Section Block B Portion 14 of 251 IM	Republic of Bophuthatswana and Republic of South Africa	T169/1986BP T1244/2018
Main Section Block B Portion 19 of 251 IM	Republic of Bophuthatswana and Republic of South Africa	T169/1986BP T1244/2018



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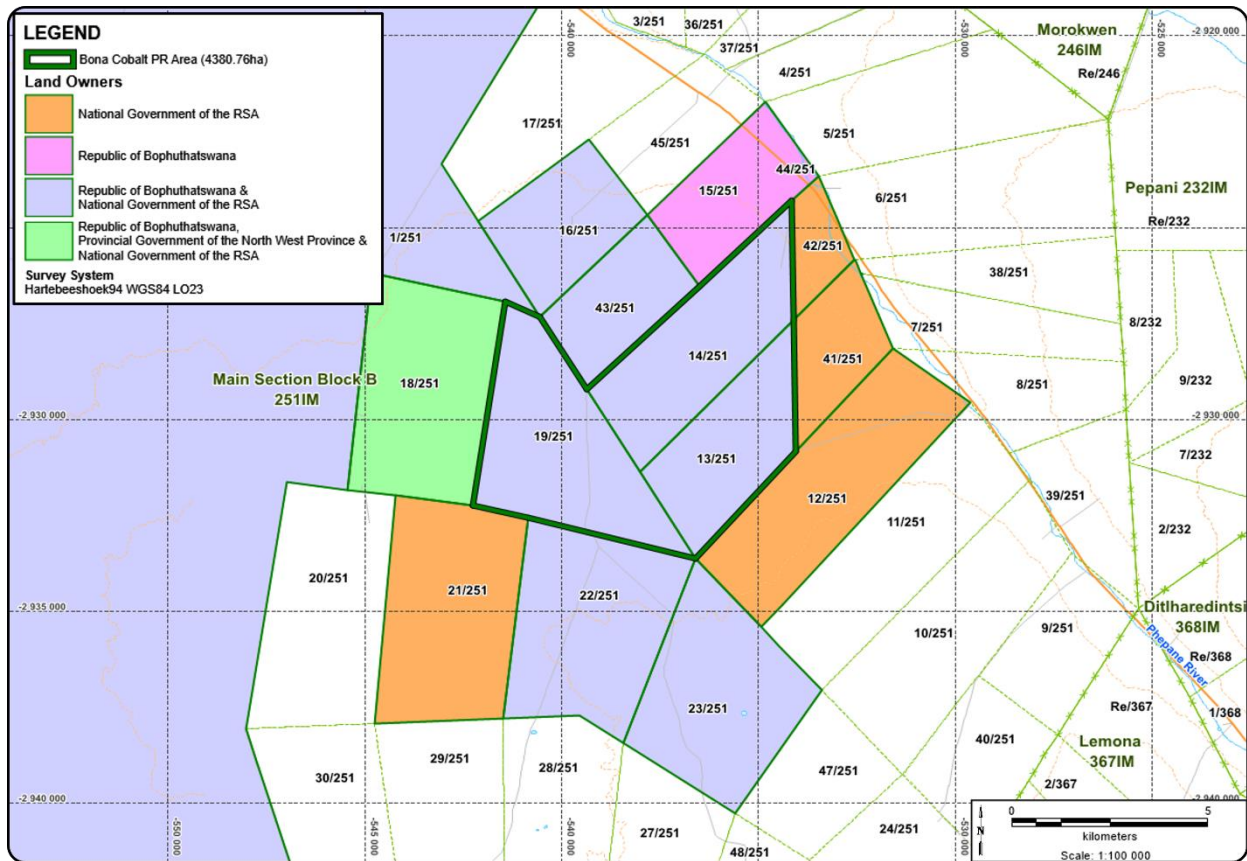


Figure 1: Landowners and adjacent landowners of this application

2. PURPOSE OF THIS DOCUMENT

The purpose of the BID document is to:

- Provide Interested and Affected Parties (I&AP's) with initial information concerning project activities that are planned;
- Provide contact details of the Public Participation consultant so they can register as an interested and affected party; and
- Provide contact details to allow I&AP's to raise any issues and concerns they may have regarding the project that need to be addressed in the BA Report.

It is strongly recommended that I&AP's register their concerns to ensure they can be included in the Basic Assessment Process. This will enhance the overall process and ensure activities meet social, environmental and economically sustainable outcomes.

3. DESCRIPTION OF THE PROPOSED ACTIVITIES

The following activities will take place should the prospecting application be successful:

- Initial desktop investigation of the study area including compilation of geological data,



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geological mapping, geophysical survey and programme planning. This is phase 1 of the project and will take approximately 6 months.

- Phase 2 of the project entails the drilling of 5 prospecting holes, 500 m in total. Borehole cores will be logged, samples taken from the seams and dispatched for analyses. Rehabilitation of the holes will be done immediately after holes were drilled and samples collected. When results are available geological modelling will be done. This phase is planned to be conducted over a period of 18 months. Note that the position of the holes will be confirmed after Phase 1.
- Pending the outcome of the initial assessment in Phase 2, Phase 3 will commence and will also be conducted over a period of 18 months. It will entail drilling of 5 additional boreholes, drill depth also 500 m in total. Borehole cores will be logged, samples taken from the seams and dispatched for analyses. Rehabilitation of the holes will be done immediately after holes were drilled and samples collected. When results are available geological modelling will be done. The position of the holes will be confirmed after Phase 2.

Further note the following aspects:

- The contractor will utilise a drill rig capable of drilling 50 m per day and work 5 days per week.
- With drill site establishment, relocation and breakdowns five days per hole is anticipated.
- This implies that the first phase of drilling (phase 2) will take approximately 25 working days.
- All drill sites will be rehabilitated by replacing the unused cores in the boreholes and replacing the softs from at least 2 m below ground level.
- The programme will require a crew of approximately 14 people to operate the rig and log the cores. It is envisioned that they will be housed offsite; however a contractor yard will be maintained within 100 m of the drilling activities. There will be a small campsite for security for 1 or 2 people. These campsites will move appropriately during each phase.
- Contractor yards and campsites will be rehabilitated immediately once they are vacated.
- Once all information is available the final geological report will be compiled.

Listed activities in terms of the NEMA Regulations published on 4 December 2014, as amended, include the following: -



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Name of Activity	Aerial Extent of the Activity ha or m ²	Applicable Listed Activity	Waste Management Authorisation
Conducting prospecting activities within the proposed Bona Cobalt prospecting right area for the exploration of Zinc Ore, Zirconium Ore, Amazonite (Gemstone), Antimony Ore, Beryllium Ore, Bismuth Ore, Chrome Ore, Clay (General), Cobalt, Copper Ore, Diamond (General), Diamond, Diamond (Alluvial), Diamond (in Kimberlite), Gold Ore, Graphite, Iron Ore, Lead, Manganese Ore, Nickel Ore, Platinum Group Metals, Pyrite, Tin Ore, Uranium Ore, Vanadium Ore, Zeolite using a diamond core drilling prospecting method together with all associated infrastructure and activities. These include site establishment (access to site and a campsite), pegging of drilling sites, drilling of exploration boreholes with associated sumps, logging and sampling of drilled cores and site rehabilitation.	± 1 040 m ²	<p><u>Listing Notice 1 (GNR 983),</u> <u>Activity:</u></p> <p style="text-align: center;">20</p> <p><u>Listing Notice 3 (GNR 985),</u> <u>Activities:</u></p> <p>12 (h) (iv) 12 (h) (v)</p>	

Only after the Environmental Authorisation is **authorised** and the prospecting right issued may prospecting be undertaken within the prospecting application area.

4. TIME FRAMES

The Draft Basix Assessment Report (DMAR) will be issued for comments on 13 December 2022. I&AP's comments on this draft Basic Assessment Report (DBAR) must be received by 2 February 2023. The BAR must be finalised and submitted to the DMRE on or before 7 February 2023.

5. PUBLIC PARTICIPATION

All landowners and lawful occupiers will automatically be registered as interested and affected parties. They will be receiving a copy of this document.

Interested and affected parties can raise issues and/or concerns as follows:

- Phone, email, fax or post details of your concerns/issues to Jaco Kleynhans of Zyntha Consulting (details is provided below).
- Contact the Department of Mineral Resources and Energy (North West) directly but ensure that the application reference number is clearly stated (**NW 30/5/1/1/2 (13562 PR)**).

6. CONTENTS OF THE PROSPECTING BAR

The Prospecting BAR will comply with the requirements the Regulation 19(1) of the National Environmental Management Act (1998) and will include:

- A determination of legislative context;
- A description of the need and desirability of the project;
- The location of the development footprint and based on an impacts and risk assessment



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process. This will include inputs from various environmental specialists;

- Suitable management measures and provide adequate rehabilitation cost determination (financial provision);
- Identify residual risk to be managed; and
- Details of the public participation process followed.

The prospecting BAR will be submitted for public comment prior to final submission to the DMR.

7. APPLICANT

Company: Mwelase Coal (Pty) Ltd
Contact person: Mr. Sydney Nhlapo (CEO)
Postal address: P.O Box 12222, Leraatsfontein eMalahleni, 1035
Fax: (086) 684 3554
E-mail: sydney@zivuma.co.za

8. CONSULTANT RESPONSIBLE

Company name: Zyntha Consulting (Pty) Ltd
Contact person: Jaco Kleynhans
Physical address: 2 Walter Sisulu Street, Midlands Office Park, Middelburg, 1055
Postal address: Suite 445 MW, Private Bag X1838, Middelburg, 1050
Phone: (013) 243 7110 ;
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E-mail: jaco@zyntha.co.za

Should you have questions or concerns on the above, please do not hesitate to contact us .

Regards



EPJ Kleynhans
Director

