

## BACKGROUND INFORMATION DOCUMENT

Prospecting Right Application Process as per the Mineral and Petroleum Resources Development Act (MPRDA) (Act 28 of 2002) for the extraction of **Iron Ore** and **Vanadium Ore on Remaining Extent of Portion 11, Remaining Extent of Portion 12, Portions 20, 21, 24 and 104 of the farm Buffelsfontein 465 JQ**, situated in the Magisterial District of **Brits**, in Northwest Province.

## CONSULTANT DETAILS

Consultant	Singo Consulting (Pty) Ltd
Contact person	Masindi Nefale
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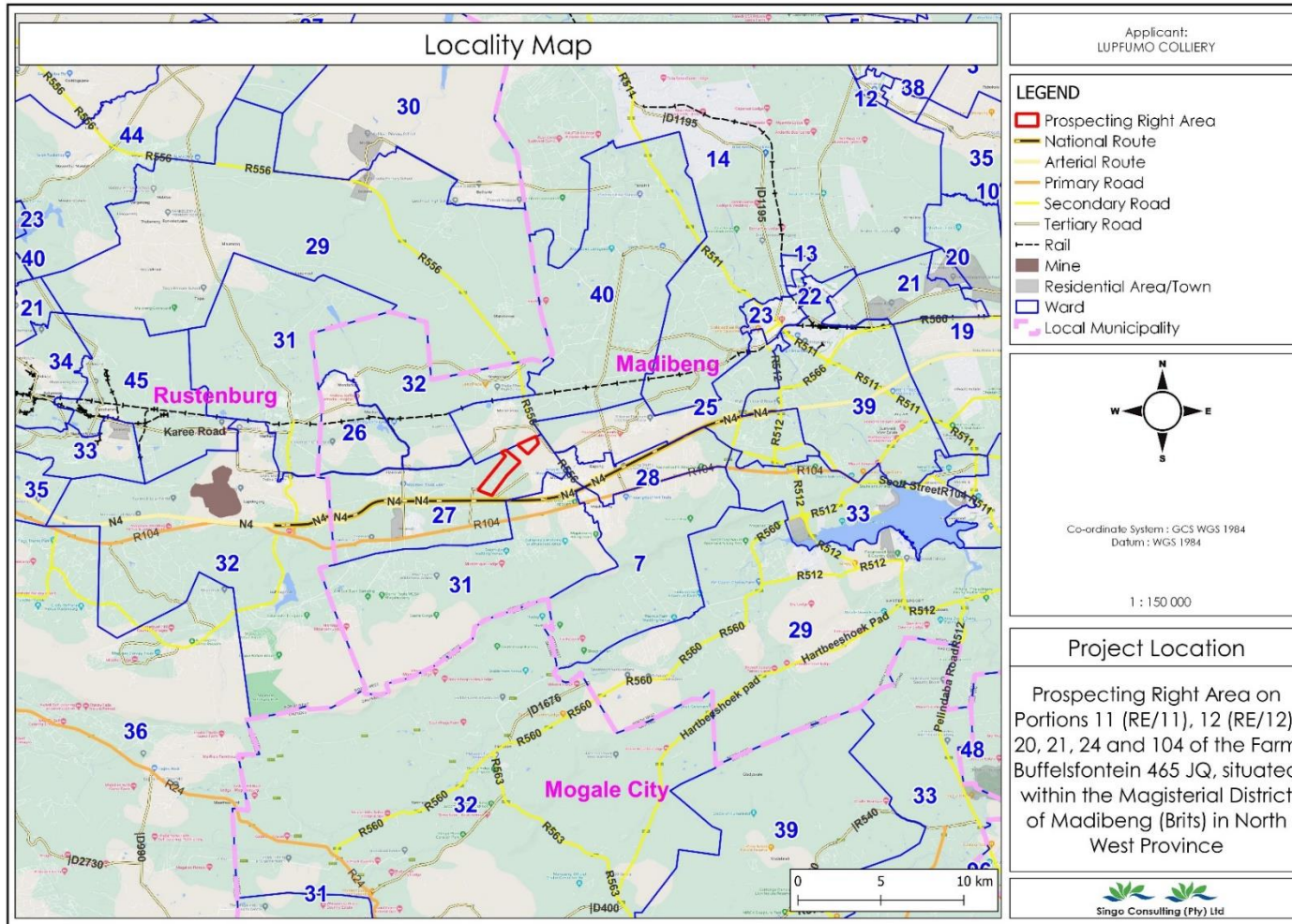
## APPLICANT'S DETAILS

Applicant	Lupfumo Colliery (Pty) Ltd
Project Reference	DMRE REF: NW 30/5/1/1/2/13962 PR
Mineral Applied for	Iron Ore and Vanadium Ore
Application Area	Remaining Extent of Portion 11, Remaining Extent of Portion 12, Portions 20, 21, 24 and 104 of the farm Buffelsfontein 465 JQ
Contact person	Dimakatso Simelane
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## APPLICATION PROCESS

- Lupfumo Colliery (Pty) Ltd identified the application area and mineral of interest.
- Lodged the Prospecting Right & Environmental Authorization application in terms of Mineral and Petroleum Resources Development Act, (Act 28 of 2002) on SAMRAD system.
- DMRE accepted the prospecting right application with reference NW 30/5/1/1/2/13962 PR on the 3<sup>rd</sup> of October 2023.
- Lupfumo Colliery appointed Singo Consulting (Pty) Ltd-Independent Environmental Assessment Practitioner to conduct Environmental Impact Assessment (EIA), Compile a Basic Assessment Report (BAR) and Environmental Management Programme Report (EMPr) and undertake Public Participation Process (PPP).

## PROJECT LOCALITY



**Figure 1: Locality map**



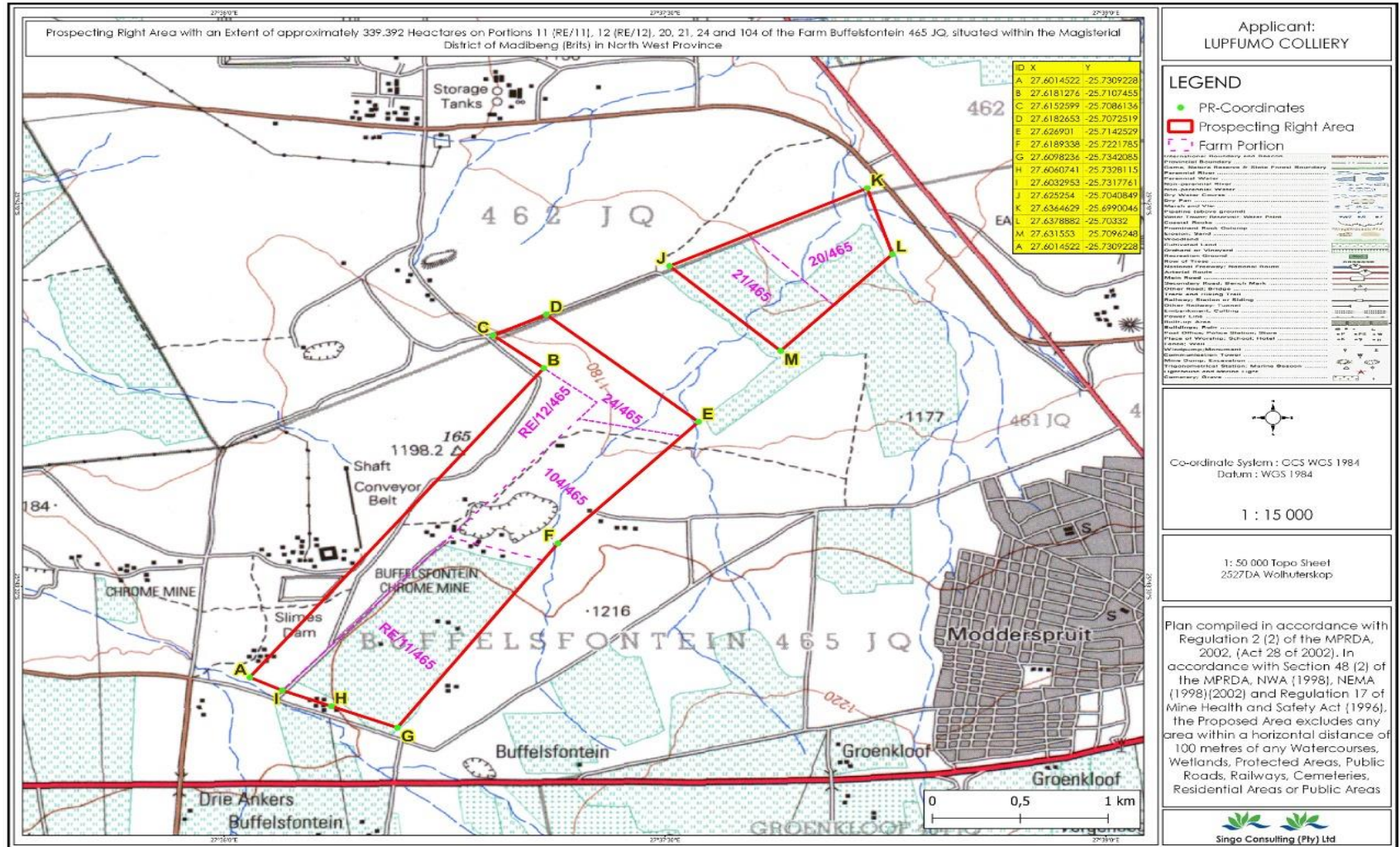


Figure 2: Regulation 2.(2) Map, **Coordinate A(27.6014522; -25.7309228)**

## **DESCRIPTION OF THE PROPOSED ACTIVITIES**

### **Proposed activities to be conducted in phases**

- Phase 1: Literature review and field mapping
- Phase 2: Geophysical Survey
- Phase 3: Drilling and sampling
- Phase 4: Sample analysis/Assaying
- Phase 5: Preliminary economic assessment
- Phase 6: Pre-feasibility study

### **Proposed site infrastructures**

- Access road
- Mobile toilets
- Gazebo
- Waste management bins
- Hazardous management bins
- Security guard house
- Parking area
- Geological logging area
- Water cart

## **THE EIA PROCESS**

- EIA process to be undertaken will be conducted in accordance with the National Environmental Management Act (Act 107 of 1998) and Environmental Impact Assessment regulations as amended (April 2017).
- The activity is to prospect the existence and occurrence of Iron ore and Vanadium ore therefore this will be conducted in accordance with Mineral and Petroleum Resources Development Act, (Act 28 of 2002).
- Public participation process to be conducted in terms of GNR 327 of the EIA regulation of 2014.
- Other regulatory guidelines to be followed include National Water Act, 1998 (Act 36 of 1998), National Air Quality Standards (GN 1210: 2009) and National Dust Control Regulations (GN 827: 2013) as amended.

## **ENVIRONMENTAL ASSESSMENT**

### **Considered tools and plans:**

- National biodiversity assessment (NBA), 2012
- National freshwater ecosystem priority areas
- National vegetation map
- DFFFE screening tool
- Madibeng local municipality IDP
- Google image
- SAHRIS portal
- Current land uses

### **POTENTIAL IMPACTS**

- Generation of noise
- Generation of dust
- Degradation of ecosystem
- Contamination of water
- Destruction of heritage resources
- Loss of local ecological species
- Safety and security concerns
- Soil erosion
- Land use conflicts
- Loss of arable land

### **PROPOSED IMPACT MANAGEMENT**

- Appoint ECO
- Sign access agreement with all affected landowners
- All boreholes must be capped and sealed
- No abstraction of water from unregistered source
- Ensure only permitted people have access to the prospecting area
- Predefine the drilling site and associated access roads
- No hunting of animal will be permitted on site
- No encroachment of protected areas

### **PROPOSED IMPACT MANAGEMENT cont.....**

- No prospecting will be permitted at night
- Farm gates should be kept locked
- Locate and buffer heritage sites
- No new access roads will be created, existing roads must be utilised.
- Control invasive plant species
- Suppress dust
- Concurrent rehabilitation of all disturbed areas

### **IDENTIFIED STAKEHOLDERS**

- Landowners and users
- Adjacent landowners
- Madibeng local municipality
- Madibeng Local Library
- **State Departments**
  - ✚ DMRE
  - ✚ Department of environment
  - ✚ Eskom
  - ✚ Transnet
  - ✚ Department of Water and Sanitation
  - ✚ SANRAL
  - ✚ Department of Rural Development and Land Reform (DRDLR).

**IDENTIFIED STAKEHOLDERS cont.....**

- **State Departments**
  - ✚ Sasol
  - ✚ SAHRIS
  - ✚ DFFE
  - ✚ North-West Provincial Government

**PPP ACTIVITIES TO BE UNDERTAKEN**

- Face to face/ emailing consultation
- Placement of site notices
- Newspaper advert-Rustenburg Herald ( 20<sup>th</sup> of October 2023)
- Draft BAR &EMPr-to be available from **Sunday the 19th of November 2023 – Tuesday the 9th of January 2024** (excluding public holiday and the period of 15 December to 5 January in terms NEMA EIA regulations).



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**REGISTRATION & COMMENT SHEET**

Prospecting Right Application for the extraction of Iron Ore and Vanadium Ore on Remaining Extent of Portion 11, Remaining Extent of Portion 12, Portions 20, 21, 24 and 104 of the farm Buffelsfontein 465 JQ, situated in the Magisterial District of Brits, in Northwest Province.

Attention: **Thilivhali Ndou**

Email: [thilivhali@singoconsulting.co.za](mailto:thilivhali@singoconsulting.co.za)

Title	Name	Surname
Company		
Designation		
Address		
Tel No.	Fax No.	
E-mail	Cell No.	
I would like to receive my notifications be (mark with "X"):	Post <input type="checkbox"/>	E-mail: <input type="checkbox"/>
		Fax: <input type="checkbox"/>
<b>Please indicate why you would have an interest in the above-mentioned project.</b>		
<b>Please provide your comments and questions here:</b>		
<i>Please feel free to attach a separate document should the space provided be depleted.</i>		
<b>Please add any person you think may be interested and affected parties:</b>		
Full name	Company	
Address		
E-mail	Contact No.	