

**REPORT ON THE RESULTS OF CONSULTATION WITH
COMMUNITIES AND INTERESTED AND AFFECTED
PARTIES**

**AS REQUIRED IN TERMS OF SECTIONS, 16(4)(b) or 27 (5) (b) OF THE MINERAL AND
PETROLEUM RESOURCES DEVELOPMENT ACT (ACT 28 of 2002), AND IN
ACCORDANCE WITH THE STANDARD DIRECTIVE FOR THE COMPILATION THEREOF
AS PUBLISHED ON THE OFFICIAL WEBSITE OF THE DEPARTMENT OF MINERAL
RESOURCES**

In Support of an Environmental Authorisation Application for Prospecting

**Prepared on Behalf of
ALILALO CONSTRUCTION (PTY) LTD**

**Department of Mineral Resources and Energy Reference Number:
NW 30/5/1/1/2/13375 PR**

4 NOVEMBER 2022



**Imbokodo Services (Pty) Ltd
9 The Straight Avenue
Pineslopes
Sandton
2194
Fourways North Post Office
Leaping Frog
Fourways
2191**



REPORT ON THE RESULTS OF CONSULTATION WITH COMMUNITIES AND INTERESTED AND AFFECTED PARTIES

NW 30/5/1/1/2/13375 PR

BRAY PROJECT

DOCUMENT CONTROL			
	Name	Position	Contact Information
Compiled by	Bongi Siwendu	EAP	environmental@imbokodoservices.co.za
Reviewed by	Mcoseleli Mlobeli	Applicant	mco@ftca.co.za

DISTRIBUTION LIST	
Competent Authority	Copies
North West Department of Mineral Resources and Energy	2
Commenting Authorities	
North West Department of Agriculture and Rural Development	1
North West Department of Water and Sanitation	1
The South African Heritage Resource Agency	1 (Electronic)
Public Review	
Imbokodo Services website (www.imbokodoservices.co.za/public-documents/)	1 (Electronic)

REVISION AND AMENDMENTS		
Rev	Date	Report
0	30/09/2022	Report on Results of Consultation with Communities and Interested and Affected Parties
1	04/11/2022	Report on Results of Consultation with Communities and Interested and Affected Parties

DISCLAIMER & TERMS OF USE

This report has been prepared by Imbokodo Services (Pty) Ltd (Imbokodo) using information provided by the client as well as third parties, which information has been presumed to be correct. Imbokodo does not accept any liability for any loss or damage which may directly or indirectly result from any advice, opinion, information, representation or omission, whether negligent or otherwise, contained in this report. Imbokodo does not accept any liability for any loss or damage, whether direct, indirect or consequential, arising out of circumstances beyond the control of Imbokodo, including the use and interpretation of this report by the client, its officials or their representative agents.

This document contains information proprietary to Imbokodo and as such should be treated as confidential unless specifically identified as a public document by law. Imbokodo owns all copyright and all other intellectual property rights in this report. The document may not be copied, reproduced in whole or in part, or used for any manner without prior written consent from Imbokodo. Copyright is specifically reserved in terms of the Copyright Act 98 of 1987 including amendments thereto. By viewing this disclaimer and by accepting this document, you acknowledge that you have read and accepted these Terms of Use and undertake to keep the information herein confidential and not to do any act or allow any act which is in breach of these Terms of Use.



DEFINITIONS

‘Consultation’ means a two-way communication process between the applicant and the community or an interested and affected party (I&AP) wherein the former is seeking, listening to, and considering the latter’s response, which allows openness in the decision making process.

‘Community’ means a group of historically disadvantaged persons with interest or rights in a particular area of land on which the members have or exercise communal rights in terms of an agreement, custom or law: Provided that, where as a consequence of the provisions of the Act negotiations or consultations with the community are required, the community shall include the members or part of the community, directly affected by prospecting or mining, on land occupied by such members or part of the community.

‘Interested and Affected’ Parties include, but are not limited to; –

- (i) Host Communities
- (ii) Landowners (Traditional and Title Deed owners)
- (iii) Traditional Authorities
- (iv) Land Claimants
- (v) Lawful land occupier
- (vi) The Department of Land Affairs
- (vii) Any other person (including on adjacent and non-adjacent properties) whose socio-economic conditions may be directly affected by the proposed prospecting or mining operation
- (viii) The Local Municipality
- (ix) The relevant Government Departments, agencies and institutions responsible for the various aspects of the environment and for infrastructure which may be affected by the proposed project.



CONTENTS

1	METHODOLOGY APPLIED TO CONSULTATION	1
1.1	Name the community or communities identified, or explain why no such community was identified.	1
1.2	Specifically state whether or not the Community is also the landowner.	1
1.3	State whether or not the Department of Land Affairs has been identified as an interested and affected party.	1
1.4	Specifically state whether or not a land claim is involved.	1
1.5	Name the Traditional Authority identified.	1
1.6	List the landowners identified by the applicant (Traditional and Title Deed owners).	2
1.7	List the lawful occupiers of the land concerned.	3
1.8	Explain whether or not other persons' (including on adjacent and non-adjacent properties) socio-economic conditions will be directly affected by the proposed prospecting or mining operation and if not, explain why.	5
1.9	Name the Local Municipality identified by the applicant.	5
1.10	Name the relevant Government Departments, agencies and institutions responsible for the various aspects of the environment and for infrastructure which may be affected by the proposed project.	2
1.11	Submit evidence that the landowner or lawful occupier of the land in question, and any other interested and affected parties including all those listed above, were notified.	6
2	DESCRIPTION OF THE EXISTING STATUS OF THE CULTURAL, SOCIO-ECONOMIC OR BIOPHYSICAL ENVIRONMENT, AS THE CASE MAY BE, PRIOR TO THE PROPOSED PROSPECTING OR MINING OPERATION	7
2.1	Confirm that the identified and consulted interested and affected parties agree on the description of the existing status of the environment.	7
2.2	Describe the existing status of the cultural environment that may be affected.	7
2.3	Describe the existing status of any heritage environment that may be affected.	7
2.4	Describe the existing status of any current land uses and the socio-economic environment that may be directly affected.	8
2.5	Describe the existing status of any infrastructure that may be affected.	8
2.6	Describe the existing status of the biophysical environment that will be affected, including the main aspects such as water resources, flora, fauna, air, soil, topography etc.	9
2.7	Provide any relevant additional information.	11
3	THE ANTICIPATED ENVIRONMENTAL, SOCIAL OR CULTURAL IMPACTS IDENTIFIED	8
3.1	Confirm that the community and identified interested and affected parties have been consulted and that they agree that the potential impacts identified include those identified by them.	8
3.2	Provide a list and description of potential impacts identified on the cultural environment.	8
3.3	Provide a list and description of potential impacts identified on the heritage environment, if applicable.	9



3.4	Provide a list and description of potential impacts identified on the socio-economic conditions of any person on the property and on any adjacent or non-adjacent property who may be affected by the proposed prospecting or mining operation.	9
3.5	Provide a list and description of potential impacts (positive & negative) identified on: employment opportunities, community health and community proximity.	9
3.6	Provide a list and description of potential impacts identified on the biophysical environment including but not be limited to impacts on: flora, fauna, water resources, air, noise, soil etc.	13
3.7	Provide a description of potential cumulative impacts that the proposed operation may contribute to considering other identified land uses which may have potential environmental linkages to the land concerned.	11
4	LAND USE OR DEVELOPMENT ALTERNATIVES, ALTERNATIVE MEANS OF CARRYING OUT THE PROPOSED OPERATION, AND THE CONSEQUENCES OF NOT PROCEEDING WITH THE PROPOSED OPERATION.....	13
4.1	Provide a list of and describe any alternative land uses that exist on the property or on adjacent or non-adjacent properties that may be affected by the proposed mining operation.	12
4.2	Provide a list of and describe any land developments identified by the community or interested and affected parties that are in progress and which may be affected by the proposed prospecting operation.....	13
4.3	Provide a list of and describe any proposals made in the consultation process to adjust the operational plans of the mine to accommodate the needs of the community, landowners and interested and affected parties.	13
4.4	Provide information in relation to the consequences of not proceeding with the proposed operation.....	13
5	DESCRIPTION OF THE PROCESS OF ENGAGEMENT WITH IDENTIFIED COMMUNITIES, LANDOWNERS AND INTERESTED AND AFFECTED PARTIES.....	13
5.1	Provide a description of the information provided to the community, landowners, and interested and affected parties to inform them in sufficient detail of what the prospecting or mining operation will entail on the land, in order for them to assess what impact the prospecting will have on them or on the use of their land.....	13
5.2	Provide a list of the identified communities, landowners, lawful occupiers, and other interested and affected parties who were consulted.	15
5.3	Provide a list of their views raised in regard to the existing cultural, socio-economic or biophysical environment, as the case may be.	15
5.4	Provide a list of their views raised on how their existing cultural, socio-economic or biophysical environment potentially will be impacted on by the proposed prospecting or mining operation.	16
5.5	Provide list of any other concerns raised by the aforesaid parties.....	16
5.6	Provide information with regard to any objections received.....	16
6	DESCRIBE THE MOST APPROPRIATE MEANS TO CARRY OUT THE PROPOSED OPERATION WITH DUE ACCOMMODATION OF THE ISSUES RAISED IN THE CONSULTATION PROCESS	17
7	REFERENCES.....	17



8 IDENTIFICATION OF THE REPORT 17

TABLES

Table 1: List of Legal Landowners.1

APPENDICES

- Appendix E1: Landowner and Key Interested and Affected Party Database
- Appendix E2: Notification Letter, Background Information Document and Questionnaire
- Appendix E3: Proof of Registered Letters, Faxes and E-mails
- Appendix E4: Site Notice and Poster Placement
- Appendix E5: Newspaper Advert Placement
- Appendix E6: Issues and Responses Trail Table
- Appendix E7: Proof of Correspondence with I&AP's



1 METHODOLOGY APPLIED TO CONSULTATION

1.1 Name the community or communities identified, or explain why no such community was identified

A detailed site visits were conducted on the 30th September 2022. During the site a rural community in Vorstershoop was identified.

1.2 Specifically state whether or not the Community is also the landowner

The community is not the landowner. Kindly refer to Table 1 for the list of landowners within the application area.

1.3 State whether or not the Department of Land Affairs has been identified as an interested and affected party

Yes, the Department of Rural Development and Land Reform (provincial and national) have been identified as key Interested and Affected Parties (I&AP's) and were sent notifications on the regarding the EA application for prospecting. The notifications sent invited the Department, at both provincial and national level, to comment on the proposed Prospecting Right application.

1.4 Specifically state whether or not a land claim is involved

According to the North West Department of Land Affairs, there is an existing land claim against the farm R/E van Block 2nd Railway Grant Nr. 1 JM.

1.5 Name the Traditional Authority identified

No Traditional Authority has been identified through the WinDeed Title Deeds search or the public consultation undertaken during the detailed site visit conducted on the 30th September 2022.

1.6 List the landowners identified by the applicant (Traditional and Title Deed owners)

There are no traditional landowners on the properties under application. All landowners within the proposed Prospecting Right application area are Title Deed owners and legal surface right holders (Table 1).



Table 1: List of Legal Landowners.

No.	Fam Name	Portion	Landowner
1	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE of 1 (Ontario)	National Government of RSA (Department of Land Affairs)
2	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE of 2 (Kallinora)	National Government of RSA (Department of Land Affairs)
3	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE of 3 (Toronto)	Milbank Trust
4	R/E van Block C 2 nd Railway Grant Nr. 1 JM	4 (Omaha)	Markus Josef Fourie
5	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE of 5 (Vorsterhoop)	Delphiphase Investmnts CC
6	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE of 21 (Annie Die Goeie Hoop)	Stephanus Johannes van Biljon
7	R/E van Block C 2 nd Railway Grant Nr. 1 JM	22 (Rochelle) (BH 1 and 2)	National Government of RSA (Department of Land Affairs)
8	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE of 23 (Carloway)	National Government of RSA (Department of Land Affairs)
9	R/E van Block C 2 nd Railway Grant Nr. 1 JM	26 (Gart Greenie)	Jan Geldenhuys Trust
10	R/E van Block C 2 nd Railway Grant Nr. 1 JM	61 (Stillewoning)	National Government of RSA (Department of Land Affairs)
11	R/E van Block C 2 nd Railway Grant Nr. 1 JM	63 (Swerwersend)	National Government of RSA (Department of Land Affairs)
12	R/E van Block C 2 nd Railway Grant Nr. 1 JM	65	National Government of RSA (Department of Land Affairs)
13	R/E van Block C 2 nd Railway Grant Nr. 1 JM	67	Elizabeth Maria Magdalena Stoltz
14	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE of 73	National Government of RSA (Department of Land Affairs)
15	R/E van Block C 2 nd Railway Grant Nr. 1 JM	111 (Tauteshoop)	Daleen Kruger Trust
16	R/E van Block C 2 nd Railway Grant Nr. 1 JM	RE/15/139	Gerhard van Heerden Trust
17	Chrisville 1013 JM	0	National Government of RSA (Department of Land Affairs)
18	Ultra 1014 JM	0	Wilanto Trust



1.7 List the lawful occupiers of the land concerned

Site visits undertaken on the 30th September 2022 confirmed that the listed lawful landowners are in fact the lawful occupiers of the properties within the proposed application area. Notification documents have been extended to the land occupiers within the application area utilising the following methods:

- Placement of 15 x A2 correx board site notices within and around the application area

Lawful landowners have been sent a notification via registered letter and/or e-mail. The notification includes the following information:

- Purpose of the proposed prospecting operations
- The minerals being applied for
- Details of the proposed prospecting operations, including prospecting techniques to be employed
- Details and deadlines of the engagement process
- Details on the availability of the draft Basic Assessment Report and Environmental Management Programme (BAR and EMPR)
- Contact details of the Department of Mineral Resources and Energy (DMRE) and Imbokodo Services (Pty) Ltd (Imbokodo).

Included in the notification document is a questionnaire to be completed and returned to Imbokodo with the following information for inclusion in the Results of the I&AP Consultation Report and the BAR and EMPR:

- Name and contact details of the landowner
- Details of any lawful land occupiers
- Details of any communities within the proposed prospecting area
- A description of the receiving environment of the affected property, including land use, vegetation, sensitive features, fauna and flora
- Information on any land developments within the affected property and surrounding area
- Details of any cultural or heritage features within the proposed prospecting area
- Details of any impacts to the biophysical, cultural, heritage and socio-economic environment as a result of the proposed prospecting operation
- A description of any measures that should be implemented to mitigate, manage, avoid or remedy the anticipated bio-physical and socio-economic impacts of the proposed prospecting operation
- Specific comments, concerns or objections to the proposed prospecting operation.



1.8 Explain whether or not other persons' (including on adjacent and non-adjacent properties) socio-economic conditions will be directly affected by the proposed prospecting or mining operation and if not, explain why

The proposed prospecting operation is limited in terms of scale and duration. As such, it is highly unlikely that the socio-economic conditions of people on adjacent and non-adjacent properties will be meaningfully affected. The proposed Prospecting operation (as detailed in the associated Prospecting Work Programme (PWP)) is intended for a period of three (3) years.

The nature of the proposed prospecting operation will entail diamond core drilling, which is an invasive prospecting technique. This technique requires access to land and may interfere with the current land uses of the respective landowner. However, this interference is of a short duration. Prior to undertaking any invasive prospecting work, the Applicant will enter into negotiations with the affected landowner with regard to access to land, use of water, safety and security and compensation for damages that may occur during invasive prospecting.

1.9 Name the Local Municipality identified by the applicant

The proposed application area falls within jurisdiction of the Kagisano-Molopo Local Municipality, in the North West Province of South Africa. The councillor of the affected Local municipality ward (Ward 12) has been notified of the EA application for prospecting.

1.10 Name the relevant Government Departments, agencies and institutions responsible for the various aspects of the environment and for infrastructure which may be affected by the proposed project

The following government departments, agencies and institutions were identified and notified of the proposed application via registered letter, fax and/or e-mail:

- Kagisano-Molopo Local Municipality
- Dr Ruth Segomotsi Mompati District Municipality
- North West Department of Agriculture and Rural Development
- North West Department of Mineral Resources and Energy
- North West Department of Traditional Affairs, Human Settlements
- North West Department of Roads and Transport
- North West Department of Water and Sanitation
- National Department of Mineral Resources and Energy
- National Department of Agriculture, Forestry and Fisheries



- National Department of Rural Development and Land Reform
- The Council for Scientific and Industrial Research (CSIR)
- South African National Roads Agency SOC Ltd (SANRAL)
- South African Heritage Resources Agency (SAHRA) – National
- Eskom
- Transnet.

Please refer to Appendix 1 for the I&AP Database which represents the pre-identified I&AP's as well as I&AP's that have registered during the course of this EA application process for prospecting.

1.11 Submit evidence that the landowner or lawful occupier of the land in question, and any other interested and affected parties including all those listed above, were notified

Imbokodo has been appointed by Alilalo Construction (Pty) Ltd (Alilalo) as the independent Environmental Assessment Practitioner (EAP) to conduct the Public Participation Process (PPP) as part of the Basic Assessment process. As stipulated in terms of Section 16(4) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) (MPRDA), I&AP's need to be notified and consulted with as part of the EA application for prospecting.

All pre-identified I&AP's have been notified of the EA application for prospecting via the following methods:

- Registered letter
- E-mail.

Notifications included letters, Background Information Documents, questionnaires, placement of 15 x A2 correx board site notices, placement of an advertisement in the Stellalander newspaper and on-site consultation.

All notification documents were distributed in English. The Background Information Document, questionnaire and the project locality map have been made available on the EAP's website (www.imbokodoservices.co.za/public-documents/) for download.

Please refer to Appendix 2 for proof of landowner and I&AP initial notification.



2 DESCRIPTION OF THE EXISTING STATUS OF THE CULTURAL, SOCIO-ECONOMIC OR BIOPHYSICAL ENVIRONMENT, AS THE CASE MAY BE, PRIOR TO THE PROPOSED PROSPECTING OR MINING OPERATION

2.1 Confirm that the identified and consulted interested and affected parties agree on the description of the existing status of the environment

The description of the existing status of the receiving environment was compiled through specialist studies as well as on-site inspection undertaken during the site visit. In addition, the landowners, land occupiers and key I&AP's were provided with a questionnaire to complete in which they were asked to describe the receiving environment in terms of current land uses, vegetation, sensitive features, fauna, flora, infrastructure and features of cultural or heritage significance. As such, the description of the existing status of the environment provided in the Basic Assessment Report and Environmental Management Programme will be compiled in agreement with I&AP's.

Please refer to Appendix 2 for an example of the questionnaire included in the notification documents sent to I&AP's.

2.2 Describe the existing status of the cultural environment that may be affected

The existing cultural environment of the proposed application area considers the following:

- Homesteads
- Vacant land
- Cultivated fields
- Cattle grazing
- Game farming
- Rural properties

Due to the limited scale and short duration of the proposed prospecting operation, it is unlikely that it would impact the existing status of the cultural environment, especially if the proposed mitigation measures to be included in the Environmental Management Programme are applied by the Applicant. The potential impact on the existing cultural environment will be examined in the Basic Assessment Report.



2.3 Describe the existing status of any heritage environment that may be affected

According to the HIA study that as performed in respect of the application area, it is possible that some of the farm structures noted within the proposed prospecting area may have architectural or historical heritage significance. Additionally, there may be burial grounds or graves associated with both the pre-history of the area as well as colonial settlement of the area located within the border prospecting area.

The palaeosensitivity of the application area has been assessed in the BAR and EMPR using the South African Heritage Resources Information System (SAHRIS) Palaeosensitivity Map. According to the palaeosensitivity map developed by the South African Heritage Resources Agency (SAHRA), the application area is situated in areas classified as having low sensitivity.

2.4 Describe the existing status of any current land uses and the socio-economic environment that may be directly affected

The existing land uses and the socio-economic environment within the proposed application area include:

- Homesteads
- Vacant land
- Cultivated fields
- Cattle grazing
- Game farming
- Informal settlement
- Vorstershoop town (hamlet)
- Farm roads.

2.5 Describe the existing status of any infrastructure that may be affected

The most notable infrastructure features on-site include:

- Homesteads
- Informal settlement
- Eskom powerlines and telephone lines
- Fences
- Hamlet
- Regional roads.



No large scale economic developments are located within the proposed application area.

2.6 Describe the existing status of the biophysical environment that will be affected, including the main aspects such as water resources, flora, fauna, air, soil, topography etc.

Topography: The tenement area and surrounding landscape is general flat with little to no significant environmental features.

Climate: The application area is characterised by very dry summer and cold winter temperatures with frequent frost. The project area experiences summer and autumn rainfall with very dry winters. The mean annual precipitation is 333 millimetres (mm).

Flora and Fauna

The application area falls within the Molopo Bushveld (SVk 11) vegetation unit according to Mucina and Rutherford (2006). Molopo Bushveld is endemic to South Africa and is classified as a least threatened vegetation unit. Out of 16% national target for conservation protection of this vegetation unit, only 1% is conserved in statutory areas with more than 1% already transformed. In the Morokweng, Konke and Ewbank regions, intense utilisation has led to encroachment of *Geigeria ornativa*, *Tribulus terrestris* and *Acacia mellifera*, while much *Vachellia erioloba* has been destroyed by fire-wood collection. Molopo Bushveld is characterised by low erosion.

During the site visit, the proposed drill holes site was not accessible and thus, the nearest, similar area was surveyed (i.e., reference areas). This is deemed acceptable due to the homogenous nature of the vegetation throughout the site and immediate surrounds. Reference areas were verified to be mostly working farms which are used mostly for livestock (such as cattle and sheep) farming. To the east, west, north and far south of the development footprint are informal settlements and working farms and the town of Vorsterhoop is approximately 10 km north.

This is confirmed by dominant species includes trees such as *Vachellia erioloba* (Camel Thorn), *Senegalia mellifera* (Black Thorn), *Gymnosporia sp* and shrubs such as *Lasiosiphon polycephalus* (Summer Curryflower), *Gymnosporia buxifolia*, and grasses including *Stipagrostis uniplumis* and *Eragrostis lehmanniana*, A full list of species recorded is listed in Appendix B. Out of the aforementioned species, the Camel Thorn is a protected tree species in terms of Notice Of The List Of Protected Tree Species Under The National Forests Act, 1998 (ACT NO. 84 OF 1998). To remove this species, a plant removal permit must be applied for via the North West Department of Economic Development, Environment, Conservation and Tourism. Individuals of this species are mostly adults making the probability of translocation likely expensive given the



heavy machinery that will be required to remove the trees. Therefore, it is not recommended that these individuals be translocated.

A baseline assessment was conducted to establish whether any potentially sensitive species might occur on site. The South African National Biodiversity Institute's (SANBI) online biodiversity tool was utilised to query a species list for the 2523CD quarter degree square grid cell and the Virtual Museum and Animal Demography Unit (ADU) was used to compile species lists based on the data gathering from SANBI. The diversity of fauna that is expected to occur in the prospecting area is as follows:

1. Avifauna: 46
2. Mammals: 60
3. Reptiles: 11
4. Amphibians: 5

Cattle are a common occurrence in the area.

It is anticipated that the proposed development will have negligible impact on the biodiversity and botanical features identified by the Screening Tool as the majority of drill hole footprints (assumed to be same as the reference sites) are small and do not contribute significantly to the overall ecological functioning of the area. Most of the species identified in the footprint are indigenous and non-threatened and non-protected. This is except for Camel Thorn individuals, which are nationally protected. A plant removal permit must be applied for before this species is removed. It is highly unlikely that any plant species that may be threatened with extinction will be found in the footprint given the small footprint.

Taking into consideration the sensitivity of the development footprint, sensitive features identified by the Screening Tool, the results from the baseline biodiversity and ecosystem of the site, which was verified by a site visit, it can be concluded that the proposed footprint is of low sensitivity for the Plant Species, Animal Species and Terrestrial Biodiversity Theme. Provided that all the management outcomes are adhered to, this Compliance Statement is considered sufficient to meet the requirements for authorisation under the Plant Species, Animal Species and Terrestrial Biodiversity Theme Minimum requirements.

Surface Water

The project area falls within the Vaal Water Management Area (WMA). The Vaal WMA includes the Upper, Middle and Lower Vaal catchment areas. The water resources of the Vaal River System are an important asset to the country and its people, supporting major economic activities and a population of about 12 million people. The project area is specifically situated in the Quaternary catchments D41F and D41H (Figure 12) of the Vaal WMA. According to the



DWS Water Allocation Reform (WAR) webpage, these catchments are in a largely modified ecological state (D category present ecological state) with many of its tributaries in a largely modified (D category) present ecological state.

2.7 Provide any relevant additional information

Additional information on the existing cultural, heritage, socio-economic and biophysical environmental has been provided in detail in the BAR and EMPR.

3 THE ANTICIPATED ENVIRONMENTAL, SOCIAL OR CULTURAL IMPACTS IDENTIFIED

3.1 Confirm that the community and identified interested and affected parties have been consulted and that they agree that the potential impacts identified include those identified by them

Potential impacts were determined through examination of the Prospecting Work Programme, the prospecting techniques to be employed, the sensitivities identified within the area and in consultation with all I&AP's, including the landowners and key I&AP's such as government departments, agencies and non-government organisations.

I&AP's were provided with a questionnaire to complete in which they were asked to describe any impacts on the cultural, heritage, socio-economic and biophysical environment that should be considered in the BAR and EMPR.

Please refer to Appendix 2 for a copy of the questionnaire sent to I&AP's and the information it requests.

3.2 Provide a list and description of potential impacts identified on the cultural environment

One (1) potential impact on the existing cultural environment has been identified and will be further investigated in the Basic Assessment Report and Environmental Management Programme where suitable mitigation measures will also be suggested.

The likely impact on the cultural environment includes:

- Impact on sense of place.

Due to the limited scope and short duration of the proposed Prospecting Right application, it is unlikely that the operation will result in any significant impacts to the cultural environment. The



cultural environment is one of mixed agricultural use, farmsteads, communal properties and mining operations in the surrounding area. As such, only the impact of change in sense of place to the cultural environment as a result of the proposed prospecting operation has been identified.

3.3 Provide a list and description of potential impacts identified on the heritage environment, if applicable

One (1) potential impact on the existing heritage environment has been identified and further investigated in the Basic Assessment Report and Environmental Management Programme where suitable mitigation measures are suggested.

The likely impact on the heritage environment includes:

- Disturbance, damage and destruction of potential heritage features on-site from proposed prospecting activities, specifically drilling.

Due to the limited scope and short duration of the proposed Prospecting Right application and the fact that approximately 3 600 m² (0.36 hectares (ha)) is likely to be disturbed, it is unlikely that the proposed prospecting operation will have any significant impact on heritage resources, if any, within the proposed prospecting area.

Notification has been sent to the South African Heritage Resources Agency (SAHRA) notifying them of the proposed Prospecting Right application. Furthermore, the notification documents have been uploaded on the South African Heritage Information System (SAHRIS). Any comments received from SAHRA during this Basic Assessment process will be included in the Comments and Responses Report accompanying the Basic Assessment Report and Environmental Management Programme.

3.4 Provide a list and description of potential impacts identified on the socio-economic conditions of any person on the property and on any adjacent or non-adjacent property who may be affected by the proposed prospecting or mining operation

Seven (7) potential impacts on the existing socio-economic environment have been identified and investigated further in the Basic Assessment Report and Environmental Management Programme where suitable mitigation measures are suggested.

The likely impacts on the socio-economic environment include:



- Interference with existing land uses such as agriculture, human settlement, game farming and abattoirs.
- Safety and security risks to the landowner and land occupiers due to required access to the prospecting site by the Applicant.
- Risk of fires due to prospecting operations.
- Noise or dust from prospecting operations.
- Increased use of existing access roads.
- Damage to and disturbance of existing infrastructure by prospecting operations.
- Generation and disposal of waste.

Due to the limited scope and short duration of the proposed Prospecting Right application and the fact that approximately 3 600 m² (0.36 ha) is likely to be disturbed, it is unlikely that the proposed prospecting operation will have any significant impact on the existing socio-economic environment within the Prospecting Right application area. Nevertheless, conditions in the Basic Assessment Report and Environmental Management Programme include additional consultation and negotiations with the landowners to reduce and negate the potential impacts identified.

3.5 Provide a list and description of potential impacts (positive & negative) identified on: employment opportunities, community health and community proximity

The proposed prospection operations will not create many employment opportunities. When the proposed operations commence, there will be a need to employ a few local, unskilled labourers to assist as general workers. However, the operations will be kept small to limit dust and noise that may disturb people or communities residing in close proximity to the farms where the operations will be taking place. The employer will provide and maintain a working environment that is safe and without risk to the health of employees. Clean drinking water and proper sanitation facilities will be made available to all employees and each employee will, while on-site, take reasonable care to protect their own health and safety, as well as that of other persons that might be affected.

The use of local guest houses/accommodation during invasive prospecting is another positive impact that is expected on the local socio-economic condition. In addition, Environmental Awareness training will also be provided to unskilled labourers.

The identified potential impacts have been investigated in the Basic Assessment Report and Environmental Management Programme where suitable mitigation measures are suggested.



3.6 Provide a list and description of potential impacts identified on the biophysical environment including but not be limited to impacts on: flora, fauna, water resources, air, noise, soil etc.

Eleven (11) potential impacts have been identified and investigated in the Basic Assessment Report and Environmental Management Programme where suitable mitigation measures for the impacts are suggested.

The likely impacts include:

- Interference with existing land uses.
- Loss of natural vegetation due to drill site preparation/clearance.
- Habitat loss/destruction.
- Overall reduction of biodiversity due to prospecting operations.
- Introduction of alien invasive species.
- Soil compaction and erosion.
- Disturbance to the soil profile.
- Soil pollution and contamination from hydrocarbons, oils, lubricants and drilling fluids.
- Surface and groundwater pollution from potential hydrocarbon spills.
- Dust liberation.
- Noise generation.

The Basic Assessment Report and Environmental Management Programme suggest mitigation measures and a plan will be developed to negate and reduce the potential impacts identified above.

3.7 Provide a description of potential cumulative impacts that the proposed operation may contribute to considering other identified land uses which may have potential environmental linkages to the land concerned

Ten (10) potential cumulative impacts have been identified and investigated further in the Basic Assessment Report and Environmental Management Programme where suitable mitigation measures for impacts are suggested.

The likely potential cumulative impacts include:

- Soil compaction as a result of repeated use of access roads to and from the drill sites/ increased traffic.



- Impact on air quality due to dust generated during drilling and dust generated by vehicles.
- Loss of natural vegetation due to drill site preparation/clearance.
- Interference with existing land uses.
- Introduction of alien invasive species.
- Noise generated from different drill sites.
- Overall reduction in biodiversity due to prospecting operation.
- Soil erosion.
- Contamination of soil from hydrocarbons, oils, lubricants and drilling fluids.
- Surface and groundwater contamination from potential hydrocarbon spills.

The Basic Assessment Report and Environmental Management Programme will suggest mitigation measures and a plan will be developed to negate and reduce the potential impacts identified above.

4 LAND USE OR DEVELOPMENT ALTERNATIVES, ALTERNATIVE MEANS OF CARRYING OUT THE PROPOSED OPERATION, AND THE CONSEQUENCES OF NOT PROCEEDING WITH THE PROPOSED OPERATION

4.1 Provide a list of and describe any alternative land uses that exist on the property or on adjacent or non-adjacent properties that may be affected by the proposed mining operation

The current land uses within the proposed application area include:

- Homesteads
- Vacant land
- Cultivated fields
- Cattle grazing
- Game farming
- Informal settlement
- Vorstershoop town (hamlet)
- Farm roads.

It is not anticipated that the prospecting operations will affect the current land uses. Therefore, alternative land uses have not been identified or considered..



4.2 Provide a list of and describe any land developments identified by the community or interested and affected parties that are in progress and which may be affected by the proposed prospecting operation

No land developments which are in progress were identified by the community or I&AP's during the initial notification period of the PPP for this project. The PPP is on-going and will continue throughout the application process. Should the community or I&AP's identify any land developments during this process, this will be reported to the DMRE for consideration in the decision-making.

4.3 Provide a list of and describe any proposals made in the consultation process to adjust the operational plans of the mine to accommodate the needs of the community, landowners and interested and affected parties

This EA application is for prospecting. As such, no proposals from landowners, land occupiers or other I&AP's have been received regarding adjustment of the prospecting operational plans.

4.4 Provide information in relation to the consequences of not proceeding with the proposed operation

The purpose of prospecting is to determine if economically viable mineral deposits are present and have the potential to be mined. In the event that the EA application for prospecting is not granted by the DMRE, the opportunity to determine if viable mineral resources exist within the application area will be lost.

As all minerals are the property of the State, the consequence of not approving the EA application for prospecting will result in the potential loss of resources, which will in turn result in loss of employment opportunities and GDP for the country from mineral exports. The mineral sector is of paramount importance to South Africa as it is responsible for absorbing significant amounts of skilled and unskilled labour, and contributes to the country's financial well-being in terms of mineral extraction and exports.

5 DESCRIPTION OF THE PROCESS OF ENGAGEMENT WITH IDENTIFIED COMMUNITIES, LANDOWNERS AND INTERESTED AND AFFECTED PARTIES

5.1 Provide a description of the information provided to the community, landowners, and interested and affected parties to inform them in sufficient



detail of what the prospecting or mining operation will entail on the land, in order for them to assess what impact the prospecting will have on them or on the use of their land

I&AP's were notified of the EA application for non-invasive prospecting via registered letter and/or e-mail sent out on the 30th September 2022. A site visit was conducted on the 30th September 2022 during which 15 x A2 correx board site notices were placed within and around the application area. In addition, a newspaper advertisement (in English) was placed in the Stellalander newspaper on the 28th September 2022.

The notification included the following information:

- Purpose of the proposed prospecting operations
- The minerals to be prospected
- Details of the proposed prospecting operations, including prospecting techniques to be employed
- Details and deadlines of the engagement process
- Details on the availability of the draft BAR and EMPR
- Contact details of the DMRE and Imbokodo.

Included in the notification document was a questionnaire to be completed and returned to Imbokodo with the following information for inclusion in the Results of I&AP Consultation Report and the Basic Assessment Report:

- Name and contact details of the landowner
- Details of any lawful land occupiers
- Details of any communities within the area
- A description of the receiving environment of the affected property, including land use, vegetation, sensitive features, fauna and flora
- Information on any land developments within the affected property and surrounding area
- Details of any cultural or heritage features within the proposed prospecting area
- Details of any impacts to the biophysical, cultural, heritage and socio-economic environment as a result of the proposed prospecting operation
- A description of any measures that should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed prospecting operation
- Any specific comments, concerns or objections to the proposed prospecting operation.



5.2 Provide a list of the identified communities, landowners, lawful occupiers, and other interested and affected parties who were consulted

Landowners were sourced through WinDeed Title Deed searches and previous projects that were conducted over the same application area. Landowners, communities and lawful occupiers were notified of the proposed project through placement of A2 correx board site notices that were placed in and around application area and advert that placed in the Stellalander on the 28th September 2022. Furthermore, electronic versions of the notification documents (notification letter, Background Information Document and I&AP registration form) have been made available on the EAP website for download.

Due to the compliance requirements of the Protection of Personal Information Act (POPI Act), landowners contact information (telephone, cellphone, fax, postal address and e-mail) could not be obtained from the Deeds office through WinDeed. As such the EAP relied mainly on internet searches, the site visit, placement of site notices in around the application area, and newspaper advertisement to notify landowners about the application.

5.3 Provide a list of their views raised in regard to the existing cultural, socio-economic or biophysical environment, as the case may be

The following questions were raised by I&AP's relating to socio-economic and biophysical impacts that the proposed project may have on the receiving environment.

1. Mr John Geeringh from Eskom requested a KMZ file of the affected property. Furthermore, he provided the EAP with a list of general requirements for work at or near Eskom infrastructure.
2. Mr Josef Markus Fourie, landowner of Portion 4 (Omaha) of farm R/E van Block C 2nd Railway Grant Nr.1 JM objected to the application Susan because of the environmental impact that prospecting and mining will have on the property currently used for cattle grazing and game farm.

Please refer to Appendix 6 for the Issues and Responses Trail Table and Appendix 7 for Proof of Correspondence.



5.4 Provide a list of their views raised on how their existing cultural, socio-economic or biophysical environment potentially will be impacted on by the proposed prospecting or mining operation

Mr Fourie, landowner of Portion 4 (Omaha) of farm R/E van Block C 2nd Railway Grant Nr.1 JM commented that prospecting and mining will have the following environmental impacts on the farm:

1. Noise and dust will have a negative effect on the breeding cycle of the cattle and game
= STRESS
2. Grazing will be disturbed as dust will spoil the grazing field
3. The main effects of mining are deforestation leading to the loss of grass, plants and animals and will have a direct impact on the game and other wildlife on my farm. It directly affects the ecosystem and its stability as many species are killed due to water and habitat loss.
4. Security will be a great risk. Theft will be more likely to occur.
5. Mining/prospecting leads to deterioration of soil quality and fertility
6. The heavy machinery needed for prospecting will lead to bad road conditions
7. Water is very scarce in the district and drilling the prospecting holes can have a negative impact on the existing water table. Risk of borehole collapsing!
8. Mining and prospecting use considerable amounts of energy and water, produces air pollution and generates hazardous waste

5.5 Provide list of any other concerns raised by the aforesaid parties

To date, no concerns have been raised by I&AP's.

5.6 Provide information with regard to any objections received

Mr Fourie, landowner of Portion 4 (Omaha) of farm R/E van Block C 2nd Railway Grant Nr.1 JM objected to any prospecting and mining as she requires the fields for grazing

Please refer to Appendix 6: Issues and Responses Trail Table for the full comment and our response to the objection, and Appendix 7 for Proof of Correspondence.



6 DESCRIBE THE MOST APPROPRIATE MEANS TO CARRY OUT THE PROPOSED OPERATION WITH DUE ACCOMMODATION OF THE ISSUES RAISED IN THE CONSULTATION PROCESS

The most appropriate means of carrying out the proposed prospecting operations is to consider and address all I&AP comments. All comments, concerns and/or objections submitted by the I&AP's to date have been captured in this report for inclusion in the BAR and EMPR. The BAR and EMPR assessment has considered comments provided by I&AP's for consideration by the DMRE in their decision-making for this application.

7 REFERENCES

1. Mucina, L. & Rutherford, M.C. (eds) Reprint (2011). The Vegetation of South Africa, Lesotho and Swaziland. South African National Biodiversity Institute, Pretoria. ISBN: 978-1919976-21-1.
2. Imbokodo Services (2022). Final Basic Assessment Report and Environmental Management Programme for the Bray Project, Johannesburg, 133 pp.

8 IDENTIFICATION OF THE REPORT

Herewith I, the person whose name and identity number is stated below, confirm that I am the person authorised to act as representative of the applicant in terms of the resolution submitted with the application, and confirm that the above report comprises the results of consultation as contemplated in Section 16 (4) (b) or 27 (5) (b) of the Act, as the case may be.

Full Names and Surname	Bongi Siwendu
Identity Number	860207 0407 080
- END -	