



DEPARTMENTAL REFERENCE NO: GAUT 002/22-23/E3172

Applicant:

Lomeza Mining Services (Pty) Ltd
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Witbank
1034
Tell: 012 665 2261/2
E-mail: simon@lomeza.co.za

BACKGROUND INFORMATION DOCUMENT

14 June 2022

To whom it may concern

RE: NOTICE OF APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998 NEMA) AS WELL AS THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED).

BACKGROUND INFORMATION

Lomeza Mining Services (Pty) Ltd (hereinafter referred to as “the Applicant”) applied for an environmental authorization to stockpile and sell material as a commercial product on portion 240 of the Farm Zwartkop 356 JR, City of Tswane, Gauteng Province.

SITE DESCRIPTION

The proposed footprint will be 15.7 ha and will be developed over a site previously used for mining purposes. The area is located approximately 1.8 km from the residential area Laudium and 2.8 km from Erasmia. The Zwartkops Raceway borders the site to the west, with the S.W.A.T National Firearms Centre bordering the property of the proposed application area to the north. The Department of Defence SA Special Forces Joint Operations Division utilize the bordering property for military purposes, with the Department of Transport’s offices and housing infrastructure bordering the proposed area to the south. The proposed GPS coordinates of the area applied for are as listed below.

the goal isn't to live forever, it is to protect a planet that will

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Directors: S Smit; C Weideman | Reg No: 2012/055565/07 | VAT No. 4040263032

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GPS COORDINATES OF PROPOSED APPLICATION AREA	
DEGREES MINUTES SECONDS	DECIMAL DEGREES
A 25°48'25,333"S; 28°6'56,102"E	A 25,807037°S; 28,115584°E
B 25°48'25,837"S; 28°6'58,313"E	B 25,807177°S; 28,116198°E
C 25°48'29,401"S; 28°7'4,508"E	C 25,808167°S; 28,117919°E
D 25°48'28,019"S; 28°7'6,362"E	D 25,807783°S; 28,118434°E
E 25°48'34,373"S; 28°7'11,273"E	E 25,809548°S; 28,119798°E
F 25°48'39,132"S; 28°7'5,7"E	F 25,81087°S; 28,11825°E
G 25°48'40,108"S; 28°6'53,878"E	G 25,811141°S; 28,114966°E
H 25°48'32,353"S; 28°6'50,324"E	H 25,808987°S; 28,113979°E
I 25°48'31,446"S; 28°6'54,097"E	I 25,808735°S; 28,115027°E
J 25°48'30,838"S; 28°6'54,198"E	J 25,808566°S; 28,115055°E
K 25°48'29,225"S; 28°6'57,69"E	K 25,808118°S; 28,116025°E

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Figure 1: Satellite view of the proposed application area.

LEGAL COMPLIANCE

The proposed project triggers the following listed activities in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) and the Environmental Impact Assessment Regulations 2014 (as amended) and therefore requires a (basic assessment process) that assess project specific environmental impacts and alternatives, consider public input, and propose mitigation measures, to ultimately culminate in an environmental management programme that sufficiently informs the competent authority (Gauteng Department Of Agriculture And Rural Development) when considering the environmental authorisation:

- GNR 327 Listing Notice 1 of 2017 Activity 26:
Residential, retail, recreational, tourism, commercial or institutional developments of 1 000 square metres or more, on land previously used for mining or heavy industrial purposes –

excluding —

(i) where such land has been remediated in terms of part 8 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; or

(ii) where an environmental authorisation has been obtained for the decommissioning of such a mine or industry in terms of this Notice or any previous NEMA notice; or



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(iii) where a closure certificate has been issued in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) for such land.

GN 517 Listing Notice 1 of 2021 Activity 31:

The closure of existing facilities, structures, or infrastructure for-

- (i) *Any development and related operation activity or activities listed in this Notice;*
- (ii) *Any expansion and related operation activities or activities listed in this Notice;*
- (iii) *...*
- (iv) *Any phased activity or activities for development and related operation activity or expansion or related operation activities listed in this Notice; or*
- (v) *Any activity regardless the time the activity was commenced with, where such activity:*
 - (a) *Is similarly listed to an activity in (i) or (ii) above; and*
 - (b) *Is still in operation or development is in progress*

Excluding where-

(aa) ...

(bb) *the closure is covered by part 8 of the National Environmental Management: Waste Act, 2008 as decommissioning, in which case the National Environmental Management: Waste Act, 2008 applies; or*

(cc) *such closure forms part of a mining application in which case the requirements of the Financial Provisioning Regulations apply.*

PROJECT DESCRIPTION

The area is located approximately 1.8 km from the residential area Laudium and 2.8 km from Erasmia. The Zwartkops Raceway borders the site to the west, with the S.W.A.T National Firearms Centre bordering the property of the proposed application area to the north. The Department of Defence SA Special Forces Joint Operations Division utilize the bordering property for military purposes, with the Department of Transport's offices and housing infrastructure bordering the proposed application area to the south.

The property (Portion 240 of the farm Zwartkop 356JR) was previously used for mining purposes with the existing quarry on site, for the winning of mineral resources in the 1960's.

The M22 (Quagga Road) and M24 (Alaric Road) pass the property respectively to the west and southeast. The applicant, Lomez Mining Services (Pty) Ltd, intends to stockpile and sell material as a commercial product on portion 240 of the Farm Zwartkop 356 JR, City of Tshwane, Gauteng Province to various clients in the Road and Infrastructure industries

ACCESS ROUTE:



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Access to the proposed application area will be via the M22, making use of the internal/haul roads to access the proposed area. Access roads to the proposed area will be established (if needed) in consultation with the landowner and existing roads will be used as far as practicable and will be rehabilitated as part of the final reinstatement of the area. Trucks delivering the materials to the destinations will take the M22 provincial route.

WATER USE:

Any water required for the implementation of the project will be bought and transported to site.

ELECTRICITY:

The proposed project will make use of generators to supply minimal electricity to the containers that will be present on site for office use.

BRIEF SITE DESCRIPTION

GEOLOGY:

The topography of the area is characterised by prominent rocky chert ridges and plains. These landscape features mainly consist of quartzite, conglomerate, shale dolomite and sometimes andesitic lava. Deep red to yellow apedal soils (Hutton and Clovelly forms) occur sporadically, representing the Ab land type.

HYDROLOGY:

The proposed application area falls within the A21B quaternary catchment which falls within in the Crocodile (West) and Marico Water Management Area which is managed by the Department of Water and Sanitation (DWS). No open watercourses or drainage line is located in close proximity of the site according to the National Wetlands and NFEPA map of SANBI.

FAUNA AND FLORA:

According to Mucina and Rutherford, 2006 the area is classified as Carletonville Dolomite Grassland (Gh 15). The natural vegetation of the surrounding area is a transitional type between typical grassland of the high inland plateau and the bushveld of the lower inland plateau. Due to the disturbed nature of the site no fauna is resident on or within the proposed area. Should fauna enter the site they would be able to move away or through the site, without being harmed. Workers should be educated and managed to ensure that no fauna at the site is harmed.

LAND USE:



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Portion 240 of the farm Zwartkop 356 JR is located approximately 1.8 km from the residential area Laudium and 2.8 km from Erasmia. The Zwartkops Raceway borders the site to the west, with the S.W.A.T National Firearms Centre bordering the property of the proposed application area to the north. The Department of Defence SA Special Forces Joint Operations Division utilize the bordering property for military purposes, with the Department of Transport's offices and housing infrastructure bordering the proposed area to the south.

The property (Portion 240 of the farm Zwartkop 356JR) was previously used for mining purposes with the existing quarry on site, for the winning of dolomite in the 1960's

AIR AND NOISE QUALITY:

The site-specific air quality is representative of the air quality of the general area, being affected by the residential activities and roads in the area. Sources of dust on the site during the operational phase will be haul vehicles that transport material from the stockpile area to the transport vehicles. Dust pollution during windy spells is significant and difficult to suppress. Dust will be generated by the proposed operation but will be localised within the confines of the site. Dust suppression measures should be implemented to prevent excessive dust generation.

The noise levels of the area are highly impacted due to the Raceway and Shooting Range in the area. The two major roads passing the site also contribute to the noise levels of the area. The haul vehicles, that will work and travel in and around the proposed area, is expected to generate noise levels that will compare to the noise levels generated by the other activities in the vicinity of the area

HERITAGE:

According to the Paleo sensitivity map (below), the area has a high sensitivity, however since the area is already a disturbed area, no sites of archaeological or cultural importance were identified during previous site activities. Consultation with the interested and affected parties also did not identify any potential area of concern. The war

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graves found in the vicinity of Alaric Road is more than a kilometre away and will not be affected by the proposed activity.

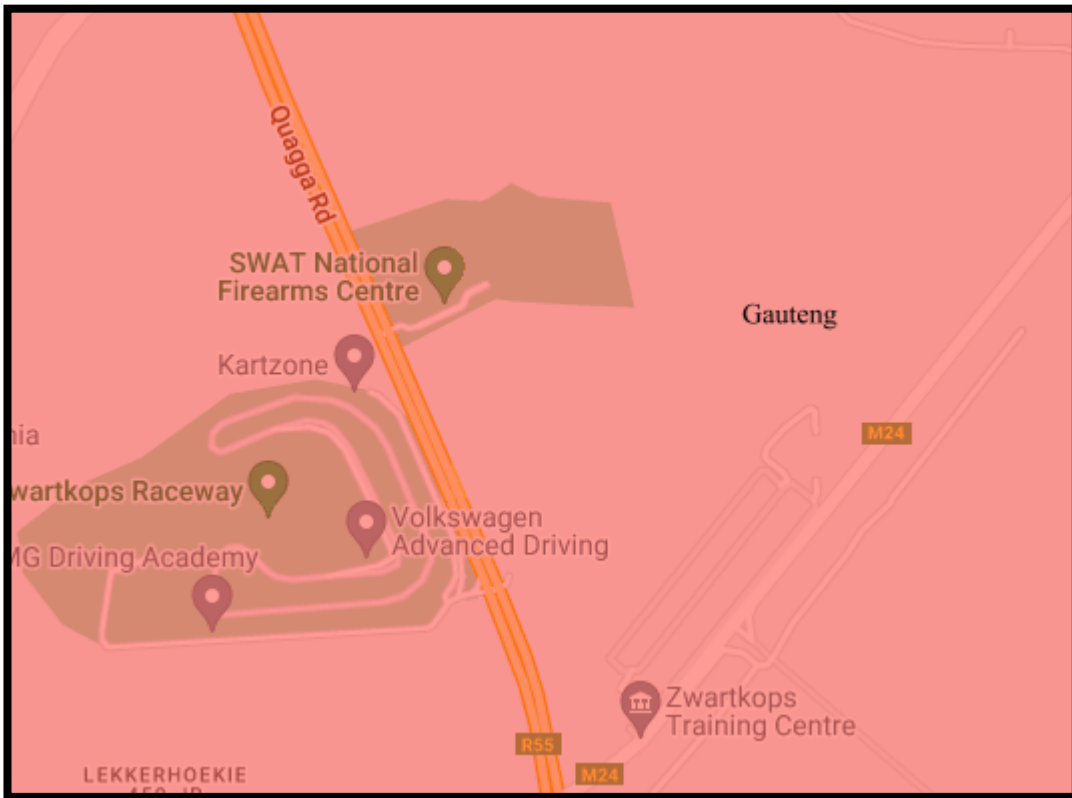


Figure 2: Map showing the paleontological sensitive areas (image obtained from <https://sahris.sahra.org.za/map/palaeo>)

FINAL REHABILITATION

Upon closure of the site activities the entire footprint area will be rehabilitated to allow the affected area to return to its natural state. At this stage the following baseline rehabilitation actions are proposed from which a detailed closure plan will be developed:

- Rehabilitation of all the disturbed surface areas shall entail landscaping, levelling, sloping, top dressing, land preparation, seeding (if required), and weed / alien clearing.
- All infrastructures, equipment, and other items used during the application period will be removed from the site.



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- Waste material of any description, including receptacles, scrap, rubble and tyres, will be removed entirely from the application area and disposed of at a recognized landfill facility. It will not be permitted to be buried or burned on the site.
- The rehabilitation area will be cleared of weeds and invader plant species. Priority will be given to species regarded as Category 1a and 1b invasive species in terms of NEM:BA (National Environmental Management: Biodiversity Act 10 of 2004 and regulations applicable thereto).
- Final rehabilitation shall be completed within a period specified by the -competent authority.

PUBLIC INVOLVEMENT

This document is to inform you about the proposed activity and to determine whether there are any concerns or objections from interested and affected parties (I&AP's) that need to be considered.

As interested and affected party you are kindly requested to complete the comments form and give any comment/concern or input with regard to the current land use of the area, the environment as well as socio-economic conditions that you feel might be affected by the proposed activity. When submitting response please provide suggestions to mitigate the anticipated impact of each identified activity.

Please contact Sonette Smit at the contact details as presented in the letterhead or at comments@greenmined.co.za through any means should you need more information, have additional language requirements, have concerns or comments that need to be considered or if you want to be registered as an interested and/or affected party and would like to receive a copy of the Draft Basic Assessment (DBAR) . If we do not receive any comments from you on or before 15 July 2022, it will be accepted that you do not have any objections/comments with regard to the project and do not require any further documentation.

A register of interested and affected parties (I&AP's) will be opened and maintained containing the names, contact details and address of all persons who have submitted written comments, attended meetings or had in writing requested to be registered and all organs of state which have jurisdiction in respect of the activity. Please note that only registered I&AP's and stakeholders will be entitled to comment on reports and plans to be submitted to the Department provided that the party provide its name, contact details and address and discloses any direct business, financial, personal or other interest which he/she may have in the approval or refusal of the applications.

Please use GAUT 002/22-23/E3172 as the reference when submitting comments.

The Draft Basic Assessment Report (DBAR) will be submitted to the Gauteng Department of Agricultural and Rural Development (GDARD) for review purposes. This report will also be made available to the public for a 30 days review period. An electronic copy of the report will be published on the Greenmined Environmental website



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(www.greenmined.com). All registered I&AP's and stakeholders will be notified of the commenting period in advance as above.

The DBAR will then be updated to reflect the comments received during the public commenting period. Thereafter, the Final Basic Assessment Report (FBAR) will be submitted to GDARD for its consideration as part of the authorization process in terms of the NEMA, 2014 regulations (as amended). A copy of the final report will be made available on the Greenmined Environmental website. All registered I&AP's and stakeholders will be notified in writing within 14 days of the date of the decision of the outcome of the application, including the reasons for the decision and the right of appeal.

CONTACT DETAILS

Name/Name	
Organisation/Instansie	
Interest/Belange	
Postal Address/Pos Adres	
Tel	
Fax/Faks	
E-mail/E-pos	

COMMENTS/ OPMERKINGS

Object / No Objection:	
Request additional information:	
Concerns:	



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Signature: _____


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Are there any other organisations or individuals that you feel should be invited to comment? If so, please provide their contact details:

Contact name:
Organisation (if applicable):
Address:
Tel:
Fax
E-mail

Your feedback is valued and will be addressed appropriately.

Kind Regards

A handwritten signature in black ink, appearing to read 'Sonette Smit', is written over a horizontal dotted line.

Sonette Smit
Greenmined Environmental