



**DEPARTMENTAL REFERENCE NO: WC 30/5/1/3/2/10266 MP**

**Applicant:**

Lombardskraal Doleriet (Pty) Ltd  
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6529  
Boeteka  
Beaufort West  
6970  
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***BACKGROUND INFORMATION DOCUMENT***

9 November 2020

To whom it may concern

**RE: NOTICE OF APPLICATION IN TERMS OF SECTION 27 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO 28 OF 2002) AND THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998 NEMA) AS WELL AS THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED 2017).**

***BACKGROUND INFORMATION***

Lombardskraal Doleriet (Pty) Ltd (hereafter referred to as the applicant) applied for a mining permit for the mining of gravel, 4.9 ha on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province.

***SITE DESCRIPTION***

The proposed mining footprint will be 4.9 ha and will be developed over an undisturbed area of the farm occasionally used for grazing. The mining method will make use of blasting in order to loosen the hard rock; the material will then be loaded and hauled to the crushing plant where it will be screened to various sized stockpiles. The aggregate will be stockpiled until it is transported from site using tipper trucks. All mining related activities will be contained within the approved mining permit boundaries. The proposed GPS coordinates of the area applied for are as listed below.

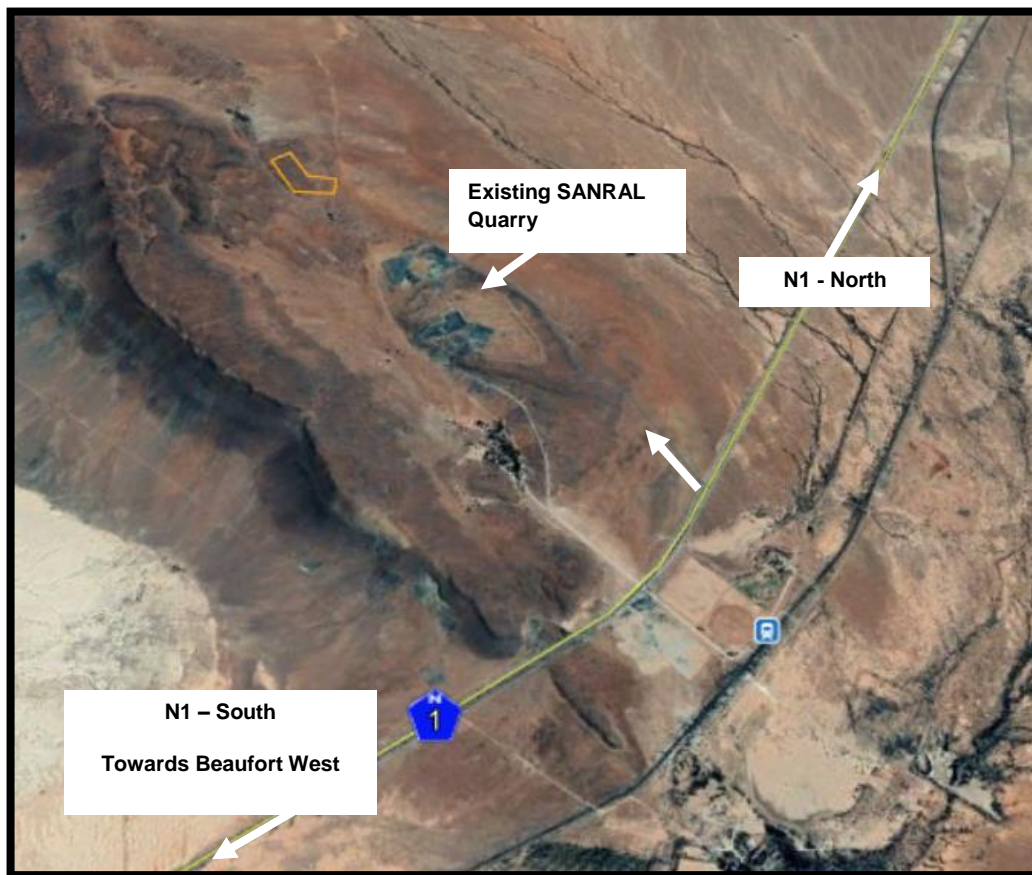
**the goal isn't to live forever, it is to protect a planet that will**

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GPS COORDINATES OF MINING PERMIT AREA	
DEGREES MINUTES SECONDS	DECIMAL DEGREES
A32°10'50.045"S; 22°49'47.593"E	A-32.180568°S; 22.829887°E
B32°10'52.46"S; 22°49'43.997"E	B-32.181239°S; 22.828888°E
C32°10'59.696"S; 22°49'49.3"E	C-32.183249°S; 22.830361°E
D32°10'59.75"S; 22°49'57.436"E	D-32.183264°S; 22.832621°E
E32°10'56.204"S; 22°49'57.576"E	E-32.182279°S; 22.83266°E
F32°10'55.722"S; 22°49'51.769"E	F-32.182145°S; 22.831047°E
A32°10'50.045"S; 22°49'47.593"E	A-32.180568°S; 22.829887°E



**Figure 1:** Satellite view of the proposed mining permit area.

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### **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 2017) and therefore requires an environmental impact assessment (EIA) (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 informs the competent authority (Department of Mineral Resources and Energy ) when considering the environmental authorisation:

■ GNR 324 Listing Notice 3 of 2017 Activity 12:

*The clearance of an area of 300 square meters or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.*

*i. Western Cape*

*ii. Within critical biodiversity areas identified in bioregional plans.*

■ GNR 327 Listing Notice 1 of 2017 Activity 21:

*Any activity including the operation of that activity which requires a mining permit in terms of section 27 of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002), including –*

- a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource;*  
*or*
- b) the primary processing of a mineral resource including winning, extraction, classifying, concentrating, crushing, screening or washing.*

■ GNR 327 Listing Notice 1 of 2017 Activity 22:

*The decommissioning of any activity requiring –*

- i) a closure certificate in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (act No. 28 of 2002); or*
- ii) a prospecting right, mining right, mining permit, production right or exploration right, where the throughput of the activity has reduced by 90% or more over a period of 5 years excluding where the competent authority has in writing agreed that such reduction in throughput does not constitute closure.*

*but excluding the decommissioning of an activity relating to the secondary processing of a –*

- (a) mineral resource, including the smelting, beneficiation, reduction, refining, calcining or gasification of the mineral resource; or*
- (b) petroleum resource, including the refining of gas, beneficiation, oil or petroleum products; –*



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*in which case activity 31 in this Notice applies.*

■ **GNR 327 Listing Notice 1 of 2017 Activity 27:**

*The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for-*

- (i) the undertaking of a linear activity; or*
- (ii) maintenance purposes undertaken in accordance with a maintenance management plan.*

■ **GNR 327 Listing Notice 1 of 2017 Activity 28:**

*Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development:*

- ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.*

*excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.*

### **OTHER LEGISLATION TRIGGERED BY THE PROPOSED PROJECT:**

An application for a Mining Permit in terms of Section 27 of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002) was submitted to the Department of Mineral Resources and Energy – Western Cape Province.

### **PROJECT DESCRIPTION**

Lombardskraal Doleriet (Pty) Ltd applied for a mining permit to developed over an undisturbed area of the farm occasionally used for grazing.

The mining method will make use of blasting in order to loosen the hard rock; upon which the loosened material will be transported to a processing area (inside mining boundary) where it will be crushed and screened to various sized stockpiles, before being sold and transported from site to clients. All activities will be contained within the boundaries of the site.

The proposed mining area is approximately 4.9 ha is extent and the applicant, intents to win material from the area for at least 2 years with a possible extension of another 3 years. The aggregate / gravel to be removed from the quarry will be used for construction industry in the vicinity. The proposed quarry will therefore contribute to the upgrading / maintenance of road infrastructure and building contracts in and around the Beaufort West area.

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The mining activities will consist out of the following:

- Stripping and stockpiling of topsoil;
- Blasting
- Excavating;
- Crushing;
- Stockpiling and transporting;
- Sloping and landscaping upon closure of the site; and
- Replacing the topsoil and vegetation the disturbed area.

The mining site will contain the following:

- Excavating equipment;
- Earth moving equipment;
- Mobile crushing and screening plants;
- Access Roads;
- Site office (Container);
- Site vehicles;
- Parking area for visitors and site vehicles;
- Weighbridge;
- Ablution facilities (Chemical toilet).

### **ACCESS ROUTE:**

- Access to the proposed mining area will be via the N1, making use of the existing internal/haul roads to access the mining area.
- Haul roads will be extended as the open cast mining progress, and will be rehabilitated as part of the final reinstatement of the area.

### **WATER USE:**

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



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### **ELECTRICITY:**

- The proposed project will not require any additional electricity connections, as power will be supplied, when needed, by generators.

## ***BRIEF SITE DESCRIPTION***

### **GEOLOGY:**

The geology of the study area comprises mostly rimitive, skeletal soils in rocky areas developing over sedimentary rocks such as mudstones and arenites of the Adelaide Subgroup of the Karoo Supergroup and to a lesser extent also the Ecca Group (Waterford and Volksrust Formations) as well as Jurassic dolerite sills and dykes and subsummit positions of mesas and butts with dolerite boulder slopes. Almost entirely lb land type.

Mudstones and sandstones of the Beaufort Group (Adelaide Subgroup) with some Ecca (Fort Brown Formation) shales supporting very shallow and stony soils of the Glenrosa and/or Mispah forms, typical of Fe land type

### **HYDROLOGY:**

The proposed mining area falls within the Gamkaz Sub-Water Management Area which is managed as part of the Fish to Tsitsikamma Water Management Area by the Department of Water and Sanitation (DWS). No open water source 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 (2012) the expansion area extends over two vegetation types known as the NKI 1 Gamka Karoo and the NKu 2 Upper Karoo Hardeveld. Both is classified as Least Threatened. According to the Western Cape Biodiversity Conservation Plan (WCBCP) – the area is classified as other National Area Area (ONA). An ecologist was appointed to conduct a vegetation study of the proposed footprint area. This report will be available as part of the EIA documentation.



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### **LAND USE:**

The project area is located in the jurisdiction of the Beaufort West Local Municipality, with Beaufort West being the nearest town. The land use of the earmarked property mainly comprises of grazing. The surrounding properties are mainly used for a variety of mixed agricultural purposes as well as dolerite mining.

### **AIR AND NOISE QUALITY:**

The wind patterns in Beaufort West are somewhat influenced by seasonal variations. According to the wind statistics as presented on Windfinder.com the prevalent wind direction distribution of Beaufort West is in a north/north-eastern direction from December to March. From April the wind changes direction from east-north-east to east until September when it gradually returns to the north-eastern trend. The ambient noise levels of the surrounding area are low with the noise levels of the greater surrounding area are low representing that of a rural area, with the noise levels of the study area (immediate surroundings) impacted by farming operations and the N1.

### **HERITAGE:**

The Beaufort West region is known as a palaeontological sensitive area, and therefore a palaeontological impact assessment with heritage impact assessment will form part of the EIA process. A Notice of Intent to Develop will also be submitted to Heritage Western Cape for their perusal and commenting.

## ***FINAL REHABILITATION***

Upon closure of the mining operation the entire footprint area will be rehabilitated so as to allow the affected area to return to agricultural use. 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 mining period will be removed from the site in accordance with section 44 of the MPRDA, 2002.
- Waste material of any description, including receptacles, scrap, rubble and tyres, will be removed entirely from the mining 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 Regional Manager.





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### ***APPLICATION FOR CLOSURE***

Once the full mining area was rehabilitated the mining permit holder will submit a closure application to the Department of Mineral Resources and Energy in accordance with section 43(4) of the MPRDA, 2002 that states: *“An application for a closure certificate must be made to the Regional Manager in whose region the land in question is situated within 180 days of the occurrence of the lapsing, abandonment, cancellation, cessation, relinquishment or completion contemplated in subsection (3) and must be accompanied by the prescribed environmental risk report”*. The Closure Application will be submitted in terms of Regulation 62 of the MPRDA, 2002, and Government Notice 940 of NEMA, 1998.

### ***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 [sonette.s@greenmined.co.za](mailto:sonette.s@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) on or before 9 December 2020. If we do not receive any comments from you on or before 9 December 2020, 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 have 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.

The Draft Basic Assessment Report (DBAR) will be submitted to the Department of Mineral Resources and Energy – Western Cape (DMRE) 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](http://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 DMRE for its consideration as part of the authorization process in terms of the NEMA, 2014 regulations (as amended 2017). 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.



## **BACKGROUND INFORMATION DOCUMENT**

### **CONTACT DETAILS**

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

### **COMMENTS/ OPMERKINGS**

<b>Object / No Objection:</b>	
<b>Request additional information:</b>	
<b>Concerns:</b>	

**Signature:** \_\_\_\_\_



## **BACKGROUND INFORMATION DOCUMENT**

**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 light grey rectangular background.

.....  
Sonette Smit  
Greenmined Environmental