

# **Zandberg Sandput (Pty) Ltd**

## **APPLICATION TO EXPAND THE EXISTING MINING RIGHT FOOTPRINT OF THE ZANDBERG SAND MINE**

### **PROOF OF PUBLIC PARTICIPATION**

#### **DEPARTMENT REFERENCE NUMBER:**

WC 30/5/1/2/2/87 MR & WC 30/5/1/2/2/10080 MR

**JANUARY 2022**

**PART 3**



**EXAMPLE OF NOTIFICATION OF THE DEIAR SEND  
TO INFORM THE STAKEHOLDERS AND I&AP'S ON  
29 OCTOBER 2020**



**Applicant:**

Zandberg Sandput (Pty) Ltd  
P.O. Box 717  
Robertson  
6705

Tel: 023 626 1836

Email: [zandberg@barvallei.co.za](mailto:zandberg@barvallei.co.za)

**DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT**

To whom it may concern:

29 October 2020

Dear sir/madam

**RE: DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR AN APPLICATION IN TERMS OF SECTION 102 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO 28 OF 2002), AND ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998 NEMA) AS WELL AS THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED 2017) SUBMITTED BY ZANDBERG SANDPUT (PTY) LTD. REFERENCE NUMBER: WC 30/5/1/2/2/87 MR & WC 30/5/1/2/2/10080 MR.**

The draft Environmental Impact Assessment Report (DEIAR) and Environmental Management Programme (EMPR) for the propose expansion of the Zandberg Sandput (Pty) Ltd mining area on a portion of Portion 4 of the farm Zandberg Fontein 97, Robertson Municipal District, is now available for your perusal. A copy of the document can be obtained from Greenmined Environmental upon request, or downloaded from the company website at [www.greenmined.com](http://www.greenmined.com).

Should you be interested your comments are kindly requested on the DEIAR. A thirty-day commenting period, ending on **30 November 2020**, will be allowed for comments. Your comments must be in writing and can be submitted via facsimile, e-mail and/or post. Please do not hesitate to contact us in the event of any uncertainties and please ensure that your contact details are included with your comments.

If we do not receive any comments from you before the end of the commenting period, it will be accepted that you do not have any additional objections/comments with regard to the project. We trust that you find it in order and kindly await your comments on this report.

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



**BACKGROUND INFORMATION DOCUMENT**

Please contact Christine Fouche at 082 811 8514 (Cell) or 021 851 2673 (Tel), 086 546 0579 (Fax), or [christine.f@greenmined.co.za](mailto:christine.f@greenmined.co.za) should you require any additional information.

Your feedback is valued and will be addressed appropriately.

Kind Regards

A handwritten signature in black ink that reads 'Fouche'.

Christine Fouche  
Greenmined Environmental

## NOTIFICATION OF STAKEHOLDERS

Number	Organisation	Contact Person
1	Breede Gourits Catchment Management Agency	Mr Jan van Staden Mr Patrick van Coller Me Elkerine Rossouw
2	Cape Winelands District Municipality Development Planning	Mr HF Prins
3	CapeNature	Me Alana Duffell-Canham
4	Department of Agriculture and Forestry	Mr Cor van der Walt Mr Jan Smit Me N Lutendo
5	Department of Economic Development and Tourism	Mr Solly Fourie
6	Department of Environmental Affairs and Development Planning - Western Cape	Me Adri La Meyer
7	Department of Labour	Me Candice van Reenen
8	Department of Rural Development and Land Reform	Me Juanita Fortuin
9	Department of Social Development	Dr. Robert Macdonald
10	Department of Transport and Public Works	Me Jacqui Gooch
11	Department of Water and Sanitation	Me Melissa Lintnaar- Strauss
12	Department of Water and Sanitation – Provincial	Mr R Khan

Number	Organisation	Contact Person
13	Eskom Ltd	Mr Toni Parkes
14	Heritage Western Cape	Me Waseefa Dhansay
15	Langeberg Local Municipality	Mr J Scholtz
16	Langeberg Local Municipality Ward 5	Cllr SW Strauss
17	South African Heritage Resources Agency (SAHRA)	SAHRIS on-line system

1.

**PROOF OF CORRESPONDENCE WITH BREEDE  
GOURITS CATCHMENT MANAGEMENT AGENCY ON  
29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:59 AM  
**To:** 'slupa@bgcma.co.za'; 'erossouw@bgcma.co.za'  
**Subject:** Zandberg DEIAR - BGCMA  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
7130

Suite 62, Private Bag x15  
Somerset West, 7129

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



Please consider the environment before printing this e-mail

"A WARM SMILE IS THE UNIVERSAL LANGUAGE OF KINDNESS"

*Mental Awareness Month*



## Marlene Lingenfelder

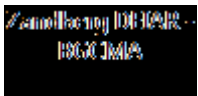
---

**From:** postmaster@bgcma.co.za  
**To:** erossouw@bgcma.co.za  
**Sent:** 29 October 2020 02:57 PM  
**Subject:** Delivered: Zandberg DEIAR - BGCMA

**Your message has been delivered to the following recipients:**

[erossouw@bgcma.co.za](mailto:erossouw@bgcma.co.za)

Subject: Zandberg DEIAR - BGCMA



## Marlene Lingenfelder

---

**From:** Siya Lupa <slupa@bgcma.co.za>  
**To:** Marlene Lingenfelder  
**Sent:** 30 October 2020 11:34 AM  
**Subject:** Read: Zandberg DEIAR - BGCMA

Your message

To:  
Subject: Zandberg DEIAR - BGCMA  
Sent: Friday, October 30, 2020 11:34:37 AM (UTC+02:00) Harare, Pretoria

was read on Friday, October 30, 2020 11:34:24 AM (UTC+02:00) Harare, Pretoria.

2.

**PROOF OF CORRESPONDENCE WITH CAPE  
WINELANDS DISTRICT MUNICIPALITY  
DEVELOPMENT PLANNING ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:28 AM  
**To:** 'mm@capewinelandsgov.za'  
**Subject:** Zandberg DEIAR - CWDM  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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## Marlene Lingenfelder

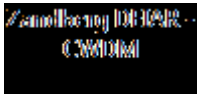
---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** mm@capewinelands.gov.za  
**Sent:** 29 October 2020 02:26 PM  
**Subject:** Delivered: Zandberg DEIAR - CWDM

**Your message has been delivered to the following recipients:**

[mm@capewinelands.gov.za](mailto:mm@capewinelands.gov.za)

Subject: Zandberg DEIAR - CWDM



**3.**

**PROOF OF CORRESPONDENCE WITH  
CAPENATURE ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:31 AM  
**To:** 'rsmart@capenature.co.za'; 'vhudson@capenature.co.za'  
**Subject:** Zandberg DEIAR - Cape Nature  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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## Marlene Lingenfelder

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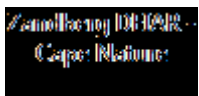
**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** rsmart@capenature.co.za; vhudson@capenature.co.za  
**Sent:** 29 October 2020 02:29 PM  
**Subject:** Delivered: Zandberg DEIAR - Cape Nature

**Your message has been delivered to the following recipients:**

[rsmart@capenature.co.za](mailto:rsmart@capenature.co.za)

[vhudson@capenature.co.za](mailto:vhudson@capenature.co.za)

Subject: Zandberg DEIAR - Cape Nature





## Marlene Lingenfelder

---

**From:** Rhett Smart <rsmart@capenature.co.za>  
**To:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:07 PM  
**Subject:** Read: Zandberg DEIAR - Cape Nature

Your message

To:  
Subject: Read: Zandberg DEIAR - Cape Nature  
Sent: 29 October 2020 03:07:29 PM (UTC+02:00) Harare, Pretoria

was read on 29 October 2020 03:07:12 PM (UTC+02:00) Harare, Pretoria.

## Marlene Lingenfelder

---

**From:** Vicki Hudson <vhudson@capenature.co.za>  
**Sent:** 29 October 2020 02:57 PM  
**To:** Marlene Lingenfelder  
**Subject:** Read: Zandberg DEIAR - Cape Nature

**3.**

**RESPONSE RECEIVED FROM CAPENATURE ON 1  
DECEMBER 2020**

## Marlene Lingenfelder

---

**From:** Rhett Smart <rsmart@capenature.co.za>  
**Sent:** 01 December 2020 12:54 PM  
**To:** Marlene Lingenfelder  
**Cc:** Christine Fouche; Vicki Hudson; Corne Claassen; Garth Mortimer; tbrunings@langeberg.gov.za; Adri.LaMeyer@westerncape.gov.za  
**Subject:** Draft EIA & EMP: Zandberg Sand Mine Expansion, 4/97 Zandbergfontein, Robertson  
**Attachments:** 94-7\_mine expansion\_Robertson\_20201201.pdf  
**Importance:** High  
**Categories:** Zandberg

Dear Marlene

Please find attached comment from CapeNature on the Draft Environmental Impact Assessment Report & Environmental Management Programme Report for the Expansion of the Sand Mine on Portion 4 of the Farm Zandbergfontein 97, Zandberg Sandput, Robertson.

Regards

Rhett

**Rhett Smart**  
Landscape Ecologist | South Landscape



tel +27 87 087 8017 | fax +27 86 529 4900 | cell +27 72 835 8741  
email [rsmart@capenature.co.za](mailto:rsmart@capenature.co.za) | postal 16 17<sup>th</sup> Avenue, Voelklip, Hermanus, 7200  
physical 16 17<sup>th</sup> Avenue, Voelklip, Hermanus, 7200  
[www.capenature.co.za](http://www.capenature.co.za)

---

**CONSERVATION INTELLIGENCE**

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**physical** 16 17th Avenue, Voëlklip, Hermanus, 7200  
**website** [www.capenature.co.za](http://www.capenature.co.za)  
**enquiries** Rhett Smart  
**telephone** 087 087 8017  
**email** [rsmart@capenature.co.za](mailto:rsmart@capenature.co.za)  
**reference** LS14/2/6/1/9/1/94-7\_mine expansion\_Robertson  
**date** 1 December 2020

Greenmined Environmental (Pty) Ltd  
Unit MOI, No 37 AECI Site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
7130

Attention: Christine Fouche  
By email: [christine.f@greenmined.co.za](mailto:christine.f@greenmined.co.za)

Dear Christine

**Draft Environmental Impact Assessment Report & Environmental Management Programme Report for the Expansion of the Sand Mine on Portion 4 of the Farm Zandbergfontein 97, Zandberg Sandput, Robertson**  
**(DMR ref. no.: WC 30/5/1/2/2/87 MR & WC 30/5/1/2/2/10080 MR)**

CapeNature would like to thank you for the opportunity to comment on the application and would like to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the application.

**Desktop Information**

The application area for the expansion of the mine is classified as Critical Biodiversity Area (CBA) I across the full extent according to the Western Cape Biodiversity Spatial Plan (WCBSP). There are several minor tributaries mapped originating on the ridge to the west of the site which terminate in the sand dune plume on site. The only wetland mapped on site according to the National Freshwater Ecosystem Priority Area (NFEPA) mapping is the artificial dam associated with the existing mining activity and wetlands surrounding this.

The vegetation types present according to the National Biodiversity Assessment (NBA) classification are Breede Sand Fynbos (listed as Vulnerable) over most the area with North Sonderend Sandstone Fynbos (listed as Least Concern) along the north western boundary. The listing stayed the same for both vegetation types between the 2011 NEM:BA gazette and the draft 2018 NBA threat assessment. The Upper Breede Fine Scale Planning (FSP) Vegetation Mapping is a finer scale product than the NBA vegetation mapping and has been ground-truthed (Helme, 2007). The FSP vegetation types mapped for the site are Mc Gregor Arid Fynbos which more or less corresponds to the North Sonderend Sandstone Fynbos although it extends further on to the site in the north and falls within this vegetation type's broader grouping. The Breede Sand Fynbos is also an FSP vegetation type and occupies most

of the area mapped as such by the NBA, except for the south eastern section, which is classified as Sandberg Arid Alluvium Fynbos, which falls under the broader Breede Sand Fynbos grouping.

## **Botanical Assessment**

The botanical assessment has provided the desktop information but has not referred to the FSP mapping, although this does not differ much for this site. The botanical assessment for the previous expansion has also been included however the 2020 study is more relevant and the two reports do not contradict one another. The botanical assessment has mapped habitat units across the site consisting of fynbos on stabilised dunes, fynbos on mobile and semi-stabilised dunes, sandstone fynbos and drainage lines. The habitat types have been grouped according to NBA vegetation types with the fynbos on stabilised, semi-stabilised and mobile dunes consisting of Breede Sand Fynbos and the sandstone fynbos consisting of North Sonderend Sandstone Fynbos. The sensitivity of the vegetation across the entire site is classified as high sensitivity. The conservation value of the habitats is rated as high apart from the mobile and semi-stabilised dunes which are moderate-high.

A total of seven plant Species of Conservation Concern (SCCs) were encountered in the field survey. It must however be noted that the fieldwork was not undertaken in an optimal time of year to identify ephemeral seasonal species which are only identifiable in late winter/spring and may have been dormant. The localities of the SCC populations have not been indicated, which is necessary in order to determine which populations may be affected by the proposed mine expansion.

The conclusion of the botanical assessment states that the classification as CBA I is supported and accordingly the permissible land uses within CBA are referred to, for which mining is not an appropriate land use. The desired management objective for CBA I is to “maintain in a natural or near natural state, with no further loss of natural habitat” (Pool-Stanvliet *et al*, 2017). The conclusion further states that the northern section is more uniform and hence of lower conservation value and is therefore acceptable for the proposed mining expansion. We wish to query this contradiction, as this area too consists of CBA I and was rated of high sensitivity and high conservation value. The proposal is that the remainder of the area which formed part of the mining application area to the south should be conserved as a biodiversity offset.

## **Biodiversity Offset**

Should a biodiversity offset be considered for the mining proposal, it must comply with the Draft Western Cape Guideline on Biodiversity Offsets (2015) and the Draft National Policy on Biodiversity Offsetting in South Africa (2018). The core principle for the consideration of a biodiversity offset is the mitigation hierarchy, which entails first avoid, then minimize, then mitigate/rehabilitate and only then offset the residual impact if it is of high or medium significance. The first step of avoidance would include investigation of alternative locations, but this is not always possible for mineral deposits, however construction sand is not a rare mineral resource and therefore the importance of this mineral resource relative to other deposits of sand for exploitation would need to be taken into consideration relative to the loss of CBA I habitat.

Following thorough application of the mitigation hierarchy, including motivation of the need and desirability, a biodiversity offset would need to be implemented should the proposed mining expansion be contemplated further. It should be noted that habitat that is considered irreplaceable is not offsetable. The biodiversity offset would need to aim for “like for like” as far as possible in protecting the same habitat that will be lost. The area which will need to be conserved is determined in accordance with the ratios in the above-mentioned guidelines and

policy. The ratios are determined both by the WCBSB category of the habitat and the threat status of the vegetation type. CBA I and Critically Endangered ecosystems require offsets at a ratio of 1:30 meaning the offset must be equivalent to 30 times the size of the habitat lost, although modifiers can be applied depending on other factors.

The biodiversity offset that has been proposed in the botanical assessment is framed as a conservation set-aside whereby the remainder of the application area is proposed for conservation and is typically where the development is on a transformed footprint, unlike this case where a biodiversity offset is a requirement due to loss of valuable habitat. This area could be suitable for the target offset area or part thereof, however the biodiversity offset needs to be determined in accordance with the guidelines as described above. The biodiversity offset should be determined through an independent biodiversity offset specialist study, which must also include operation and implementation. The broader landscape should be included within the investigation of the most suitable target site for the biodiversity offset and should take into consideration existing protected area expansion initiatives and connectivity.

### **Wetland Delineation Study**

A wetland delineation study has been undertaken which describes the importance of groundwater for the dune plume, with the groundwater seeping out at the base of the mine face and is then trenched into the dam directly downstream within the current mining footprint. As described above the watercourses which originate on the Zandberg ridge dissipate into the groundwater once they reach the dune plume. The existing mining activity has already modified the surface and ground hydrology.

CapeNature agrees with the evaluation of the wetland conditions being anthropogenically influenced, however an important factor that has not been adequately addressed is the impact of the expansion of mining. As discussed, the freshwater within the dune plume is mainly within the aquifer, therefore the mining could expose the aquifer and will alter the hydrodynamics of both the surface and groundwater. While exposure of groundwater will not directly impact freshwater habitat, it will be essential that mine plan takes groundwater and drainage into account in order to minimize the impact. A stormwater management plan has been compiled and included in an appendix, and must be integrated with the rehabilitation and closure plan.

### **Rehabilitation and Closure**

A closure plan has been included as an appendix and the proposed end use of the mine is to return it to natural vegetation, with rehabilitation taking place progressively as mining proceeds. It should however be emphasized that the proposal is not to restore the original vegetation on site but instead to rehabilitate to functional habitat (which would be of lower conservation value than the original vegetation on site), which we agree is a more realistic goal. The design and rehabilitation will also ensure that there is free drainage of water to minimize impacts on hydrology which is supported. CapeNature recommends that a suitably qualified specialist must be appointed to undertake rehabilitation.

### **Conclusion**

In conclusion, CapeNature does not support the application as currently proposed as it will result in the loss of  $\pm 27$  ha of CBA I habitat. The localities of the SCC populations need to be indicated in order to assess the impact and a spring survey is required in order to identify

The Western Cape Nature Conservation Board trading as **CapeNature**

Board Members: Associate Prof Denver Hendricks (Chairperson), Prof Gavin Maneveldt (Vice Chairperson), Ms Marguerite Loubser, Mr Mervyn Burton, Dr Colin Johnson, Prof Aubrey Redlinghuis, Mr Paul Slack

any SCCs which may have been dormant when the January survey was undertaken. Should the mining proposal be considered further a biodiversity offset study will need to be undertaken after applying the mitigation hierarchy and need and desirability will need to be motivated.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Rhett Smart', with a horizontal line underneath.

**Rhett Smart**

**For: Manager (Landscape Conservation Intelligence)**

cc. Tracy Brunings, Langeberg Municipality

Adri La Meyer, Department of Environmental Affairs and Development Planning

References:

Helme, N. A. 2007. Draft Botanical report: Fine scale vegetation mapping in the Upper Breede River Valley. Report for CapeNature, as part of the C.A.P.E. programme

Pool-Stanvliet, R., Duffell-Canham, A., Pence, G. & Smart, R. 2017. The Western Cape Biodiversity Spatial Plan Handbook. Stellenbosch: CapeNature



**3.**

**RESPONSE SEND TO CAPENATURE ON 1  
DECEMBER 2020**

## Marlene Lingenfelder

---

**From:** Christine Fouche  
**Sent:** 01 December 2020 03:48 PM  
**To:** 'Rhett Smart'  
**Cc:** Marlene Lingenfelder  
**Subject:** RE: Draft EIA & EMP: Zandberg Sand Mine Expansion, 4/97 Zandbergfontein, Robertson

<b>Tracking:</b>	<b>Recipient</b>	<b>Delivery</b>
	'Rhett Smart'	
	Marlene Lingenfelder	Delivered: 2020/12/01 03:46 PM

Dear Sir

Greenmined Environmental (Pty) Ltd herewith acknowledge receipt, and thank you for the comments submitted 01 December 2020 on the draft Environmental Impact Assessment Report that is part of the Section 102 amendment application submitted by Zandberg Sandput (Pty) Ltd.

Your comments are noted, has been forwarded to the project team and relevant specialists for consideration, and a response will follow in due course.

We trust you will find this in order. Please do not hesitate to contact me in the event of any uncertainties.

**Kind Regards / Vriendelike Groete**

**Christine Fouche**



Cell: 082 811 8514  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Head Office:  
37 Baker Square, Block 1, Paardevlei  
De Beers Avenue  
Somerset West  
7130  
Tel: 021 851 2673

KwaZulu-Natal Branch:  
P.O. Box 377  
Ballito  
4420

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## Marlene Lingenfelder

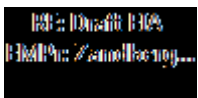
---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** rsmart@capenature.co.za  
**Sent:** 01 December 2020 03:46 PM  
**Subject:** Delivered: Draft EIA & EMPr: Zandberg Sand Mine Expansion, 4/97 Zandbergfontein, Robertson

**Your message has been delivered to the following recipients:**

[rsmart@capenature.co.za](mailto:rsmart@capenature.co.za)

Subject: RE: Draft EIA & EMPr: Zandberg Sand Mine Expansion, 4/97 Zandbergfontein, Robertson



## Marlene Lingenfelder

---

**From:** Rhett Smart <rsmart@capenature.co.za>  
**To:** Christine Fouche  
**Sent:** 01 December 2020 03:49 PM  
**Subject:** Read: Draft EIA & EMPr: Zandberg Sand Mine Expansion, 4/97 Zandbergfontein, Robertson

Your message

To:  
Subject: Draft EIA & EMPr: Zandberg Sand Mine Expansion, 4/97 Zandbergfontein, Robertson  
Sent: Tuesday, December 1, 2020 3:49:26 PM (UTC+02:00) Harare, Pretoria

was read on Tuesday, December 1, 2020 3:49:08 PM (UTC+02:00) Harare, Pretoria.

**3.**

**PRELIMINARY COMMENTS RECEIVED FROM  
CAPENATURE ON 07 JANUARY 2022**

**CONSERVATION INTELLIGENCE**

**postal** 16 17th Avenue, Voëlklip, Hermanus, 7200  
**physical** 16 17th Avenue, Voëlklip, Hermanus, 7200  
**website** [www.capenature.co.za](http://www.capenature.co.za)  
**enquiries** Rhett Smart  
**telephone** 087 087 8017  
**email** [rsmart@capenature.co.za](mailto:rsmart@capenature.co.za)  
**reference** LS14/2/6/1/9/1/94-7\_mine expansion\_Robertson  
**date** 7 January 2022

Greenmined Environmental (Pty) Ltd  
Unit MOI, No 37 AECI Site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
7130

Attention: Christine Fouche  
By email: [christine.f@greenmined.co.za](mailto:christine.f@greenmined.co.za)

Dear Christine

**Proposed Biodiversity Offset for the Expansion of the Sand Mine on Portion 4 of the Farm Zandbergfontein 97, Zandberg Sandput, Robertson (DMR ref. no.: WC 30/5/1/2/2/87 MR & WC 30/5/1/2/2/10080 MR)**

CapeNature would like to thank you for the opportunity to comment on the proposed biodiversity offset as presented to us.

CapeNature commented on the Draft EIA Report in which we indicated that we do not support the application as it will result in the loss of approximately 27 ha of Critical Biodiversity Area I (CBA), consisting of Breede Sand Fynbos. We further indicated that if the application were to be considered further, a biodiversity offset which complies with the Draft Western Cape Guideline on Biodiversity Offsets (2015) and the Draft National Policy on Biodiversity Offsetting in South Africa (2018) would need to be investigated.

A biodiversity offset study was commissioned and a meeting was held with CapeNature on 16 November 2021 to present the proposed offset. This correspondence is based on the presentation and meeting and provides a preliminary recommendation regarding the offset proposal based on the information provided and therefore supplements the comments on the Draft EIA Report.

The context of the project was presented with regards to need and desirability as this is an important consideration if a biodiversity offset is to be implemented. It was clarified that there are currently no other operational sand mines within the Central Breede Valley, with closest mine near Worcester ( $\pm 60$  km away) and therefore there is a high demand for use of the product from the current mine and further expansion, which is required for construction.

The proposed mining area has been revised as a result of the biodiversity offset study, with the correct implementation of the mitigation hierarchy (avoid, minimize, mitigate/rehabilitate

and only then offset the residual impact). As a result, the proposed mining area has been greatly reduced in extent, from 27 ha to 4 ha. It is important to therefore highlight that by undergoing the mitigation hierarchy through the biodiversity offset study that the loss of habitat and impact on biodiversity has been greatly reduced, even without the offset.

In terms of the mitigation hierarchy full avoidance is not possible as the remaining sand resource on site is all located within CBA. In terms minimizing the impact, this was undertaken through refined sensitivity mapping and was informed by the existing specialist studies and amendments, a site visit and additional butterfly and faunal specialist studies. Factors which were included were connectivity, edge effects, more diverse and better condition vegetation communities and threatened butterfly localities. Three alternatives were identified, namely: expansion to the north west; expansion to the south west; and expansion to the west in two sections separated by a watercourse and buffer. The latter has been selected as the preferred alternative. With regards to the third step in the mitigation hierarchy, the end use of the proposed mine is to return to natural vegetation and the site does have rehabilitation potential, although this is dependent on the depth of the sand to the bedrock after mining.

With regards to the offset ratios, a ratio of 1:30 has been proposed, as the site is located within a CBA. According to the National Biodiversity Offset Guideline (March 2021), CBA I should be considered irreplaceable and therefore falls under the ambit of ecological compensation whereby the highest ratio applies. As indicated in the presentation, the Western Cape Guidelines (2015) refers to the threat status of the vegetation types for the ratios, and in this case is 1:3 for Breede Sand Fynbos, which was listed as Vulnerable in the 2011 NEMBA gazette of threatened ecosystems and also in the first draft of the revised list of threatened ecosystems (2018) provided to key stakeholders for review. However, the draft revised list of threatened ecosystems in need to protection was released on 5 November 2021, in which Breede Sand Fynbos is not listed as Critically Endangered, although the offset ratios are currently calculated according to the remaining extent and not the threat status. CapeNature supported the use of a ratio of 1:30 in initial engagements and is still endorsed. The highest ratio for the various criteria would always apply. Therefore, the offset requirement for the loss of 4 ha is 120 ha.

Investigation of the proposed target offset site started with remainder of of the same property where mining is taking place. As there is a large area of CBA remaining on site for the current mining proposal, the target offset could be fully achieved on the same property (would not have been possible with the original proposal). The proposed offset site was based on the refined mapping from the botanical specialist, with the targeted area being the pristine Breede Sand Fynbos on site, thereby ensuring that the offset targets like for like in the best condition. The proposed offset area incorporates this area along with intervening areas to create a less convoluted conservation area, resulting in a target offset area of 164 ha, which exceeds the offset requirements.

In summary, CapeNature supports this proposal as a preliminary recommendation to inform decision-making. The offset meets the necessary requirements in terms of the biodiversity offset guidelines and will contribute towards the conserving priority biodiversity and the conservation estate. We do however recommend that a full biodiversity offset report is included with the final submission and should provide recommendations for inclusion as conditions of approval in the environmental authorisation (should this be issued). The location of the offset on the same property is potentially easier than off site, in terms of cost, time, practicality and involvement of additional parties.

CapeNature will not comment on the additional faunal and butterfly assessments or the refined botanical sensitivity mapping here, as we would require the full reports in order to do this. Based on the information provided however, it is apparent that the findings of these

studies have been incorporated into the biodiversity offset, including habitat provision for threatened butterfly species.

As previously indicated, the proposed biodiversity offset must be presented to the CapeNature Protected Area Expansion and Stewardship Review Committee on 2 February 2022, in order to provide a final recommendation, specifically regarding the protected area status. Preliminary costing has been provided for securing the site and for management. Further details regarding the logistics, costs and roles and responsibilities can be finalized in and included in the final submission. The current proposal provides for full responsibility by the applicant and the project team, but certain actions can only be undertaken by the responsible authorities. We recommend that the applicant should provide a written commitment to securing the offset in the submission of the final report.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Rhett Smart', with a horizontal line underneath.

**Rhett Smart**

**For: Manager (Landscape Conservation Intelligence)**

cc. Doug Macfarlane, Eco-Pulse Environmental Consulting Services  
Corne Claassen, CapeNature



4.

**PROOF OF CORRESPONDENCE WITH  
DEPARTMENT OF AGRICULTURE AND FORESTRY  
ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:32 AM  
**To:** 'landuse.elsenburg@elsenburg.com'; 'info@elsenburg.com';  
'LutendoN@daff.gov.za'  
**Subject:** Zandberg DEIAR - DAFF  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**

**Project Administrator**



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
7130

Suite 62, Private Bag x15  
Somerset West, 7129

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*Mental Awareness Month*

## Marlene Lingenfelder

---

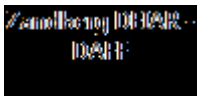
**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** landuse.elsenburg@elsenburg.com; info@elsenburg.com  
**Sent:** 29 October 2020 02:30 PM  
**Subject:** Delivered: Zandberg DEIAR - DAFF

**Your message has been delivered to the following recipients:**

[landuse.elsenburg@elsenburg.com](mailto:landuse.elsenburg@elsenburg.com)

[info@elsenburg.com](mailto:info@elsenburg.com)

Subject: Zandberg DEIAR - DAFF



## Marlene Lingenfelder

---

**From:** Van der Walt, Cor <CorvdW@elsenburg.com>  
**Sent:** 29 October 2020 02:36 PM  
**To:** Marlene Lingenfelder  
**Subject:** Read: Zandberg DEIAR - DAFF  
**Attachments:** Read: Zandberg DEIAR - DAFF

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## Marlene Lingenfelder

---

**From:** Lutendo Netshilema <LutendoN@Dalrrd.gov.za>  
**To:** Marlene Lingenfelder  
**Sent:** 30 October 2020 09:16 AM  
**Subject:** Read: Zandberg DEIAR - DAFF

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To:  
Subject: Zandberg DEIAR - DAFF  
Sent: Friday, October 30, 2020 9:15:49 AM (UTC+02:00) Harare, Pretoria

was read on Friday, October 30, 2020 9:16:05 AM (UTC+02:00) Harare, Pretoria.

## Marlene Lingenfelder

---

**From:** Western Cape Agriculture <Info@elsenburg.com>  
**Sent:** 29 October 2020 04:45 PM  
**To:** Marlene Lingenfelder  
**Subject:** Read: Zandberg DEIAR - DAFF  
**Attachments:** Read: Zandberg DEIAR - DAFF

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## Marlene Lingenfelder

---

**From:** Lutendo Netshilema <LutendoN@Dalrrd.gov.za>  
**Sent:** 30 October 2020 09:16 AM  
**To:** Marlene Lingenfelder  
**Subject:** RE: Zandberg DEIAR - DAFF

Good day

Email well received and thank you..

Regards

---

**From:** Marlene Lingenfelder [mailto:admin@greenmined.co.za]  
**Sent:** Thursday, October 29, 2020 2:30 PM  
**To:** landuse.elsenburg@elsenburg.com; info@elsenburg.com; Lutendo Netshilema  
**Subject:** Zandberg DEIAR - DAFF

**EXTERNAL EMAIL: This email originated outside of "DALRRD/DAFF Environment". CAUTION: Do not click on links or open attachments unless you recognize the sender and know the content is safe.**

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



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Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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Baker Square, Paardevlei  
De Beers Avenue  
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Suite 62, Private Bag x15  
Somerset West, 7129

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*Mental Awareness Month*

**5.**

**PROOF OF CORRESPONDENCE WITH  
DEPARTMENT OF ECONOMIC DEVELOPMENT AND  
TOURISM ON 29 OCTOBER 2020**



## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:33 AM  
**To:** 'ecohead@westerncape.gov.za'  
**Subject:** Zandberg DEIAR - DEDAT  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
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Suite 62, Private Bag x15  
Somerset West, 7129

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*Mental Awareness Month*

## Marlene Lingenfelder

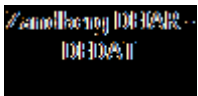
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**From:** postmaster@westerncape.gov.za  
**To:** ecohead@westerncape.gov.za  
**Sent:** 29 October 2020 02:31 PM  
**Subject:** Delivered: Zandberg DEIAR - DEDAT

**Your message has been delivered to the following recipients:**

[ecohead@westerncape.gov.za](mailto:ecohead@westerncape.gov.za)

Subject: Zandberg DEIAR - DEDAT



6.

**PROOF OF CORRESPONDENCE WITH  
DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND  
DEVELOPMENT PLANNING - WESTERN CAPE ON  
29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:54 AM  
**To:** 'Adri.LaMeyer@westerncape.gov.za'  
**Subject:** Zandberg DEIAR - DEADP  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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Baker Square, Paardevlei  
De Beers Avenue  
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Suite 62, Private Bag x15  
Somerset West, 7129

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*Mental Awareness Month*

## Marlene Lingenfelder

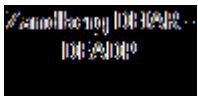
---

**From:** postmaster@westerncape.gov.za  
**To:** Adri.LaMeyer@westerncape.gov.za  
**Sent:** 29 October 2020 02:52 PM  
**Subject:** Delivered: Zandberg DEIAR - DEADP

**Your message has been delivered to the following recipients:**

[Adri.LaMeyer@westerncape.gov.za](mailto:Adri.LaMeyer@westerncape.gov.za)

Subject: Zandberg DEIAR - DEADP



## Marlene Lingenfelder

---

**From:** Adri La Meyer <Adri.LaMeyer@westerncape.gov.za>  
**To:** Marlene Lingenfelder  
**Sent:** 29 October 2020 09:00 PM  
**Subject:** Read: Zandberg DEIAR - DEADP

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To:  
Subject: Zandberg DEIAR - DEADP  
Sent: Thursday, October 29, 2020 9:00:40 PM (UTC+02:00) Harare, Pretoria

was read on Thursday, October 29, 2020 9:00:23 PM (UTC+02:00) Harare, Pretoria.

**6.**

**RESPONSE RECEIVED FROM DEPARTMENT OF  
ENVIRONMENTAL AFFAIRS AND DEVELOPMENT  
PLANNING - WESTERN CAPE ON 3 DECEMBER  
2020**

## Marlene Lingenfelder

---

**From:** Andre Oosthuizen <Andre.Oosthuizen@westerncape.gov.za>  
**Sent:** 02 December 2020 03:12 PM  
**To:** Christine Fouche  
**Cc:** Adri La Meyer  
**Subject:** RE: DEADP comments\_Draft EIAr\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020.pdf  
**Attachments:** DEADP comments\_Draft EIAr\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020\_dated.pdf  
**Categories:** Zandberg

Good afternoon

The earlier attachment was not dated. Please received herewith a dated version of the comment issued earlier.

Regards

### Andre Oosthuizen

Directorate: Development Facilitation  
Department of Environmental Affairs & Development Planning

11<sup>th</sup> Floor, 1 Dorp Street, Cape Town, South Africa

Tel: +27 (0)21 483 4282

Fax: +27(0)21 483 4185

Cell: +27(0)82 573 2422

E-mail: [andre.oosthuizen@westerncape.gov.za](mailto:andre.oosthuizen@westerncape.gov.za)

Website: [www.westerncape.gov.za/eadp](http://www.westerncape.gov.za/eadp)



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---

**From:** Andre Oosthuizen

**Sent:** Wednesday, 2 December, 2020 9:28 AM

**To:** [christine.f@greenmined.co.za](mailto:christine.f@greenmined.co.za)

**Cc:** Adri La Meyer <[Adri.LaMeyer@westerncape.gov.za](mailto:Adri.LaMeyer@westerncape.gov.za)>

**Subject:** DEADP comments\_Draft EIAr\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020.pdf



**DEPARTMENTAL REFERENCES:**

16/3/3/6/4/1/2/B1/14/1110/20 (Development Management)

19/3/2/B1/14/DDF011/20 (Pollution and Chemicals Management)

19/2/5/3/B1/14/WL0035/20 (Waste Management)

19/4/4/1/BL2 – Zandberg Sandput (Pty) Ltd (Air Quality Management)

**DATE: 2 December 2020**

The Board of Directors  
Greenmined Environmental (Pty) Ltd  
Postnet Suite 62  
Private Bag X15  
SOMERSET WEST  
7129

**For attention: Ms Christine Fouché**

Tel: (021) 851 2673

E-mail: [christine.f@greenmined.co.za](mailto:christine.f@greenmined.co.za)

**PER E-MAIL**

Dear Madam

**COMMENT ON THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR LISTED ACTIVITIES ASSOCIATED WITH THE PROPOSED MINING RIGHT EXPANSION ON PORTION 4 OF THE FARM ZANDBERG FONTEIN NO. 97, ROBERTSON (DMRE REF: WC30/5/1/2/2/87MR & WC30/5/1/2/2/10080MR)**

The Draft Scoping Report ("DSR") dated June 2020, the Department's comments thereto dated 20 July 2020, and the e-mail notification of 29 October 2020 regarding the availability of the Draft Environmental Impact Assessment ("EIA") Report, refer.

The Department apologises for the slight delay in submitting comments on the Draft EIA Report. Please find consolidated comments from various directorates within the Department on the Draft EIA Report dated October 2020 that was downloaded from the website of the environmental assessment practitioner.

1. Directorate: Development Facilitation – Ms Adri La Meyer ([Adri.Lameyer@westerncape.gov.za](mailto:Adri.Lameyer@westerncape.gov.za); Tel: (021) 483 2887):
  - 1.1. It is not apparent from Appendix A1 (Regulation 42 mine plan dated 20 November 2019) and Appendix A2 (undated Regulation 2.2. mine plan) what the extension area of the preferred layout alternative entails. Both mine plans indicate the entire extent of the originally proposed 108.3ha mining right expansion area, in addition to the existing, approved 17.68ha mining footprint. The proposed mine design plan included as Appendix C does indicate the proposed extension area of the preferred layout alternative (Layout Alternative 1). Please amend both mine plans to indicate the extent (27ha) of the preferred layout alternative in relation to the originally proposed 108ha mining area, i.e. Appendix C must be overlain on the mine plans. A final layout plan must be compiled, which excludes the southern portion of the proposed mining footprint (to be regarded as a “no-go” area and treated as a Biodiversity Offset Area).
  - 1.2. Further to the above, throughout the Draft EIA Report and in Appendices A1 and A2 it is indicated that the mining expansion area is 108.3ha, thus resulting in a total mining area of 126ha. The Final EIA Report must clearly indicate that the southern portion (81ha) of the originally proposed mining expansion area will be excluded from mining activities.
  - 1.3. Please note that Appendix F1 only contains the converted mining right for the initial 7.48ha mining area, which was valid until 28 February 2016. The mining right renewal until May 2047 and the subsequent 10.2ha extension granted in December 2018 were not included as appendices to the Draft EIA Report.
  - 1.4. Page 26 of the Draft EIA Report indicates that Appendix F2 contains a copy of the rezoning approval by Langeberg Municipality in March 2018. Please be advised that Appendix F2 contains correspondence from the then Breede River Winelands Municipality dated 02 August 2002 in relation to a consent use for existing mining activities.
  - 1.5. Final comment from Heritage Western Cape in response to the Heritage Impact Assessment compiled by ACO Associates cc dated April 2020 must be included in the Final EIA Report to be submitted to the competent authority.
2. Directorate: Development Management (Region 1) – Ms Ayesha Hamdulay ([Ayesha.Hamdulay@westerncape.gov.za](mailto:Ayesha.Hamdulay@westerncape.gov.za); Tel: (021) 483 0756):
  - 2.1. Although the area to be mined has been reduced to 27ha, the area is still located within a Critical Biodiversity Area (“CBA”). As previously indicated in our comments on the DSR, this Directorate does not support mining within a CBA.
  - 2.2. It is noted that an on-site area of 81ha will be set aside as a biodiversity offset. Please be advised that comment must be obtained from CapeNature regarding the proposed offset and must be included in the Final EIA Report.

- 2.3. The Environmental Management Programme ("EMPr") must be updated to include fines for non-compliance.
3. Directorate: Pollution and Chemicals Management – Ms Shehaam Brinkhuis ([Shehaam.Brinkhuis@westerncape.gov.za](mailto:Shehaam.Brinkhuis@westerncape.gov.za); Tel: (021) 483 8309):
- 3.1. It is essential that the 100m buffer to the northern drainage line is always treated as a "no-go" area for not only mining, but also any other associated activities, such as haul roads, lay-down areas, etc. Furthermore, the identified greater "no-go" area of 81ha (shown as the red shaded portion of the red polygon in Figures 5 and 7 in the Draft EIA Report) should be strictly enforced.
- 3.2. The Storm Water Management Plan dated October 2020 as contained in Appendix Q must be implemented, with ongoing monitoring of effectiveness and adjustments undertaken where required. The recommendation for the storm water management plan to be reviewed biennially and adjusted to reflect the site- specific conditions relating to storm water control, is strongly supported.
- 3.3. Please amend the EMPr to include reference to section 30 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") pertaining to the control of incidents, and not only reference in terms of "housekeeping" and waste management. In the event of a significant accidental spill or leak of hazardous substances (i.e. petrol, diesel, etc.) during any phase of the proposed activities, such an incident(s) must be reported to all relevant authorities, in accordance with section 30 of NEMA, 1998. It is recommended that the final bullet point on page 221 of the EMPr and section 8 of the Emergency Response Procedures (Appendix P) be amended to include the requirement that any incident must also reported to this Directorate.
4. Directorate: Waste Management – Mr Lance Anders ([Lance.Anders@westerncape.gov.za](mailto:Lance.Anders@westerncape.gov.za); Tel: (021) 483 2891):
- 4.1. This Directorate is satisfied that its comments on the DSR have been adequately addressed in the Draft EIA Report and EMPr.
5. Directorate: Air Quality Management – Ms Gavaza Mhlarhi / Mr Peter Harmse ([Gavaza.Mhlarhi@westerncape.gov.za](mailto:Gavaza.Mhlarhi@westerncape.gov.za) / [Peter.Harmse@westerncape.gov.za](mailto:Peter.Harmse@westerncape.gov.za); Tel: (021) 483 8343):
- 5.1. It is noted that fugitive dust emissions will occur from mining activities and the potential establishment of haul roads. The management actions related to dust mitigation indicated in the Draft EIA Report and the mitigation measures relating to dust emissions indicated in the EMPr are supported and must be strictly implemented.
- 5.2. It is noted that noise generated by the proposed activities will have a limited impact. All noise levels of machinery and work activities on-site must be monitored and controlled on. The sources of impacts during sand mining activities would likely be from operational vehicles and machinery which should be monitored for excessive emissions, as stipulated in the EMPr.

6. The applicant is reminded of its "*general duty of care towards the environment*" as prescribed in section 28 of the NEMA, 1998 which states that "*Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment.*"
7. Please direct any enquiries to the official/s indicated in this correspondence should you require any clarity on any of the comments provided.
8. The Department reserves the right to revise or withdraw comments or request further information based on any information received.

Yours faithfully



pp **HEAD OF DEPARTMENT**

**DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING**

**6.**

**RESPONSE SEND TO DEPARTMENT OF  
ENVIRONMENTAL AFFAIRS AND DEVELOPMENT  
PLANNING - WESTERN CAPE ON 3 DECEMBER  
2020**

## Marlene Lingenfelder

---

**From:** Christine Fouche  
**Sent:** 03 December 2020 11:59 AM  
**To:** 'Andre Oosthuizen'  
**Cc:** Adri La Meyer; Marlene Lingenfelder  
**Subject:** RE: DEADP comments\_Draft EIAR\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020.pdf

Tracking:	Recipient	Delivery
	'Andre Oosthuizen'	
	Adri La Meyer	
	Marlene Lingenfelder	Delivered: 2020/12/03 11:56 AM

Dear Sir

Greenmined Environmental (Pty) Ltd herewith acknowledge receipt, and thank you for the comments submitted 02 December 2020 on the draft Environmental Impact Assessment Report that is part of the Section 102 amendment application submitted by Zandberg Sandput (Pty) Ltd.

Your comments are noted, have been forwarded to the project team and relevant specialists for consideration, and a response will follow in due course.

We trust you will find this in order. Please do not hesitate to contact me in the event of any uncertainties.

**Kind Regards / Vriendelike Groete**

**Christine Fouche**



Cell: 082 811 8514  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Head Office:  
37 Baker Square, Block 1, Paardevlei  
De Beers Avenue  
Somerset West  
7130  
Tel: 021 851 2673

KwaZulu-Natal Branch:  
P.O. Box 377  
Ballito  
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## Marlene Lingenfelder

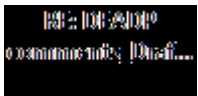
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**From:** postmaster@westerncape.gov.za  
**To:** Adri La Meyer  
**Sent:** 03 December 2020 11:57 AM  
**Subject:** Delivered: RE: DEADP comments\_Draft EIAr\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020.pdf

**Your message has been delivered to the following recipients:**

[Adri La Meyer](#)

Subject: RE: DEADP comments\_Draft EIAr\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020.pdf



## Marlene Lingenfelder

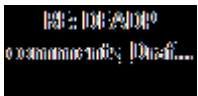
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**From:** postmaster@westerncape.gov.za  
**To:** Andre Oosthuizen  
**Sent:** 03 December 2020 11:57 AM  
**Subject:** Delivered: RE: DEADP comments\_Draft EIAr\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020.pdf

**Your message has been delivered to the following recipients:**

[Andre Oosthuizen](#)

Subject: RE: DEADP comments\_Draft EIAr\_Mining right expansion\_Ptn 4\_Farm Zandberg Fontein 97 Robertson (87MR)\_2Dec2020.pdf





7.

**PROOF OF CORRESPONDENCE WITH  
DEPARTMENT OF LABOUR ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:57 AM  
**To:** 'Candice.VanReenen@labour.gov.za'; 'Fezeka.Ngalo@LABOUR.gov.za'  
**Subject:** Zandberg DEIAR - DOL  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
7130

Suite 62, Private Bag x15  
Somerset West, 7129

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



Please consider the environment before printing this e-mail

"A WARM SMILE IS THE UNIVERSAL LANGUAGE OF KINDNESS"

*Mental Awareness Month*

## Marlene Lingenfelder

---

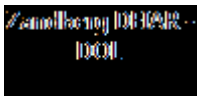
**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** Candice.VanReenen@labour.gov.za; Fezeka.Ngalo@LABOUR.gov.za  
**Sent:** 29 October 2020 02:55 PM  
**Subject:** Delivered: Zandberg DEIAR - DOL

**Your message has been delivered to the following recipients:**

[Candice.VanReenen@labour.gov.za](mailto:Candice.VanReenen@labour.gov.za)

[Fezeka.Ngalo@LABOUR.gov.za](mailto:Fezeka.Ngalo@LABOUR.gov.za)

Subject: Zandberg DEIAR - DOL



8.

**PROOF OF CORRESPONDENCE WITH  
DEPARTMENT OF RURAL DEVELOPMENT AND  
LAND REFORM ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:58 AM  
**To:** 'juanita.fortuin@drdlr.gov.za'; 'oratile.soldaat@drdlr.gov.za';  
'anele.masiza@drdlr.gov.za'  
**Subject:** Zandberg DEIAR - DRDLR  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**

**Project Administrator**



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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Baker Square, Paardevlei  
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Somerset West  
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*Mental Awareness Month*

## Marlene Lingenfelder

---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** juanita.fortuin@drdlr.gov.za; oratile.soldaat@drdlr.gov.za;  
anele.masiza@drdlr.gov.za  
**Sent:** 29 October 2020 02:56 PM  
**Subject:** Delivered: Zandberg DEIAR - DRDLR

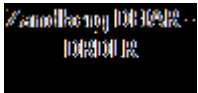
**Your message has been delivered to the following recipients:**

[juanita.fortuin@drdlr.gov.za](mailto:juanita.fortuin@drdlr.gov.za)

[oratile.soldaat@drdlr.gov.za](mailto:oratile.soldaat@drdlr.gov.za)

[anele.masiza@drdlr.gov.za](mailto:anele.masiza@drdlr.gov.za)

Subject: Zandberg DEIAR - DRDLR



9.

**PROOF OF CORRESPONDENCE WITH  
DEPARTMENT OF SOCIAL DEVELOPMENT ON 29  
OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:54 AM  
**To:** 'Robert.Macdonald@westerncape.gov.za'  
**Subject:** Zandberg DEIAR - DOS  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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*Mental Awareness Month*



## Marlene Lingenfelder

---

**From:** postmaster@westerncape.gov.za  
**To:** Robert.Macdonald@westerncape.gov.za  
**Sent:** 29 October 2020 02:52 PM  
**Subject:** Delivered: Zandberg DEIAR - DOS

**Your message has been delivered to the following recipients:**

[Robert.Macdonald@westerncape.gov.za](mailto:Robert.Macdonald@westerncape.gov.za)

Subject: Zandberg DEIAR - DOS



10.

**PROOF OF CORRESPONDENCE WITH  
DEPARTMENT OF TRANSPORT AND PUBLIC  
WORKS ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:55 AM  
**To:** 'grace.swanepoel@westerncape.gov.za'  
**Subject:** Zandberg DEIAR - DTPW  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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## Marlene Lingenfelder

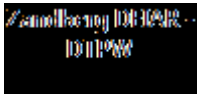
---

**From:** postmaster@westerncape.gov.za  
**To:** grace.swanepoel@westerncape.gov.za  
**Sent:** 29 October 2020 02:53 PM  
**Subject:** Delivered: Zandberg DEIAR - DTPW

**Your message has been delivered to the following recipients:**

[grace.swanepoel@westerncape.gov.za](mailto:grace.swanepoel@westerncape.gov.za)

Subject: Zandberg DEIAR - DTPW



## Marlene Lingenfelder

---

**From:** Grace Swanepoel <Grace.Swanepoel@westerncape.gov.za>  
**To:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:12 PM  
**Subject:** Read: Zandberg DEIAR - DTPW

Your message

To:  
Subject: Zandberg DEIAR - DTPW  
Sent: Thursday, October 29, 2020 3:12:09 PM (UTC+02:00) Harare, Pretoria

was read on Thursday, October 29, 2020 3:11:53 PM (UTC+02:00) Harare, Pretoria.

10.

**RESPONSE RECEIVED FROM DEPARTMENT OF  
TRANSPORT AND PUBLIC WORKS ON 7  
NOVEMBER 2020**

## Marlene Lingenfelder

---

**From:** Lyle Martin <Lyle.Martin@westerncape.gov.za>  
**Sent:** 30 October 2020 10:45 AM  
**To:** Marlene Lingenfelder  
**Subject:** Job 25240 - Pt 4 Farm Zandbergfontein 97, Robertson

Good Day

1. Receipt is herewith acknowledged of your letter/email **WC30/5/1/2/2/10080MR** dated **29 October 2020**.
2. Kindly note that the matter is receiving attention and that a further communication will be addressed to you as soon as circumstances permit.

**Lyle Martin**  
**Administrative Clerk: Road Planning**  
Road Management  
Transport and Public Works  
Western Cape Government

**Address:** 9 Dorp Street, Cape Town 8001; PO Box 2603, Cape Town 8000

**Tel:** +27 21 483 2419

**E-mail:** [Lyle.Martin@westerncape.gov.za](mailto:Lyle.Martin@westerncape.gov.za)

**Website:** [www.westerncape.gov.za](http://www.westerncape.gov.za)

"All views or opinions expressed in this electronic message and its attachments are the view of the sender and do not necessarily reflect the views and opinions of the Western Cape Government (the WCG). No employee of the WCG is entitled to conclude a binding contract on behalf of the WCG unless he/she is an accounting officer of the WCG, or his or her authorised representative. The information contained in this message and its attachments may be confidential or privileged and is for the use of the named recipient only, except where the sender specifically states otherwise.  
If you are not the intended recipient you may not copy or deliver this message to anyone."

## Marlene Lingenfelder

---

**From:** Faisal Fakier <Faisal.Fakier@westerncape.gov.za>  
**Sent:** 07 November 2020 01:47 PM  
**To:** Christine Fouche  
**Cc:** Grace Swanepoel  
**Subject:** Notification of Draft Scoping Report - WC 30/5/1/2/2/87 MR - Zandberg Sandput (Pty) Ltd - Job 25240

Dear Christine,

Your letter dated 29 October 2020 refers.

It is noted in the DSR that our conditions previously specified in our letter dated 19 February 2020 are being implemented.

We have no further comment.

Best regards

Faisal Fakier Pr. Eng.  
Chief Directorate: Road Network Management  
Transport and Public Works  
WESTERN CAPE GOVERNMENT  
**Address:** 9 Dorp Street, Cape Town 8001; Private Bag X9185, Cape Town 8000  
**Cell:** 0834089315  
**Fax:** +27 21 483 2205  
**E-mail:** [faisal.fakier@westerncape.gov.za](mailto:faisal.fakier@westerncape.gov.za)  
**Website:** [www.westerncape.gov.za](http://www.westerncape.gov.za)



BETTER TOGETHER.

A blue banner with white and yellow text. On the left, it says "LET'S STOP THE SPREAD" with "STOP" in a large white circle. On the right, it says "Preventing COVID-19 in your workplace" followed by "National hotline: 0800 029 999", "Provincial hotline: 021 928 4102", and "WhatsApp 'Hi' to 060 012 3456". At the bottom right, it says "Operating 24 hours a day." with a small icon of a person wearing a mask.

LET'S STOP THE SPREAD

Preventing COVID-19 in your workplace  
**National hotline: 0800 029 999**  
**Provincial hotline: 021 928 4102**  
**WhatsApp "Hi" to 060 012 3456**  
Operating 24 hours a day.

---

**From:** Grace Swanepoel  
**Sent:** Wednesday, 17 June 2020 13:02  
**To:** Faisal Fakier  
**Subject:** FW: Notification of Draft Scoping Report - WC 30/5/1/2/2/87 MR

Good afternoon

This is Job 25240, you commented on 19 February. Still applicable?

Regards



**11. & 12.**

**DEPARTMENT OF WATER AND SANITATION  
ADVISED THAT THE MINE FALLS WITHIN THE  
JURISDICTION OF THE BREEDE GOURITS  
CATCHMENT MANAGEMENT AGENCY**

**13.**

**PROOF OF CORRESPONDENCE WITH ESKOM LTD  
ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:56 AM  
**To:** 'toni.parkes@eskom.co.za'  
**Subject:** Zandberg DEIAR - ESKOM  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
7130

Suite 62, Private Bag x15  
Somerset West, 7129

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



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*Mental Awareness Month*

14.

**PROOF OF CORRESPONDENCE WITH HERITAGE  
WESTERN CAPE ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:30 AM  
**To:** 'waseefa.dhansay@westerncape.gov.za'  
**Subject:** Zandberg DEIAR - HWC  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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*Mental Awareness Month*

## Marlene Lingenfelder

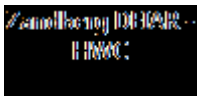
---

**From:** postmaster@westerncape.gov.za  
**To:** waseefa.dhansay@westerncape.gov.za  
**Sent:** 29 October 2020 02:29 PM  
**Subject:** Delivered: Zandberg DEIAR - HWC

**Your message has been delivered to the following recipients:**

[waseefa.dhansay@westerncape.gov.za](mailto:waseefa.dhansay@westerncape.gov.za)

Subject: Zandberg DEIAR - HWC



**15.**

**PROOF OF CORRESPONDENCE WITH LANGEBERG  
LOCAL MUNICIPALITY ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:29 AM  
**To:** 'tbrunings@langeberg.gov.za'; 'admin@langeberg.gov.za'  
**Subject:** Zandberg DEIAR - LLM  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
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De Beers Avenue  
Somerset West  
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Suite 62, Private Bag x15  
Somerset West, 7129

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*Mental Awareness Month*



## Marlene Lingenfelder

---

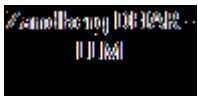
**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** tbrunings@langeberg.gov.za; admin@langeberg.gov.za  
**Sent:** 29 October 2020 02:27 PM  
**Subject:** Delivered: Zandberg DEIAR - LLM

**Your message has been delivered to the following recipients:**

[tbrunings@langeberg.gov.za](mailto:tbrunings@langeberg.gov.za)

[admin@langeberg.gov.za](mailto:admin@langeberg.gov.za)

Subject: Zandberg DEIAR - LLM



## Marlene Lingenfelder

---

**From:** Tracy Brunings <tbrunings@langeberg.gov.za>  
**To:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:29 PM  
**Subject:** Read: Zandberg DEIAR - LLM

Your message

To:  
Subject: Zandberg DEIAR - LLM  
Sent: Thursday, October 29, 2020 3:34:03 PM (UTC+02:00) Harare, Pretoria

was read on Thursday, October 29, 2020 3:29:23 PM (UTC+02:00) Harare, Pretoria.

**16.**

**PROOF OF CORRESPONDENCE WITH LANGEBERG  
LOCAL MUNICIPALITY WARD 5 ON 29 OCTOBER  
2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:30 AM  
**To:** 'wstrauss@langeberg.gov.za'  
**Subject:** Zandberg DEIAR - LLM ward 5  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
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Somerset West  
7130

Suite 62, Private Bag x15  
Somerset West, 7129

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*Mental Awareness Month*

## Marlene Lingenfelder

---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** wstrauss@langeberg.gov.za  
**Sent:** 29 October 2020 02:28 PM  
**Subject:** Delivered: Zandberg DEIAR - LLM ward 5

**Your message has been delivered to the following recipients:**

[wstrauss@langeberg.gov.za](mailto:wstrauss@langeberg.gov.za)

Subject: Zandberg DEIAR - LLM ward 5



Zandberg DEIAR -  
LLM ward 5

## Marlene Lingenfelder

---

**From:** Rdl.Wilma Strauss <wstrauss@langeberg.gov.za>  
**To:** Marlene Lingenfelder  
**Sent:** 29 October 2020 02:32 PM  
**Subject:** Read: Zandberg DEIAR - LLM ward 5

Your message

To:  
Subject: Zandberg DEIAR - LLM ward 5  
Sent: Thursday, October 29, 2020 2:32:28 PM (UTC+02:00) Harare, Pretoria

was read on Thursday, October 29, 2020 2:32:12 PM (UTC+02:00) Harare, Pretoria.

**17.**

**UPLOAD ONTO SAHRIS WEBSITE (SAHRA) ON 29  
OCTOBER 2020**

## Heritage Cases

VIEW

EDIT

## Zandberg Section 102

Last reviewed: 20/01/2025 | Submitted: 17/01/2025 | 42 reads

Case Number: 102/2025 | Status: **Submitted**Status: **SUBMITTED**Heritage Authority: **MVC**

SARU

Case Type: **Section 102 (S) - Statutory Comment Required**Development Type: **Mining**

Project Description:

The UR holder intends submitting an application for consent of the minister to expand the existing mining right (strip) of the Zandberg coal mine with 102,3321 ha, in terms of Section 102 of the MPRD, 2002. The proposed expansion area will be developed over an area currently used for agricultural purposes. Should the 102 application be approved mining will progress into the expansion area as the current mining (strip) is exhausted. The mining method will remain the same as the method currently implemented by the UR holder. No infrastructure will be established in the expansion area.

Application Date: **Vaenstey, January 20, 2025 - 14:42**Case ID: **14772**Applicant: **Tobias Uysen**Consultant/Project: **Christine Ruyter**

Other References:

Reference ID:

## Attachments

1. [102 - Zandberg 102.pdf](#)
2. [Zandberg Reg 102.pdf](#)
3. [Draft Mining Report - VIC 20-01-0-047 UR.pdf](#)
4. [DER Appenda 1 - CV of SARU.pdf](#)
5. [DER Appenda 2 - SAR Proof of Experience.pdf](#)
6. [DER Appenda 3 - Locality Map.pdf](#)
7. [DER Appenda 3 - Regulation 102 Mine Map.pdf](#)
8. [DER Appenda 4 - Site Activities Map.pdf](#)
9. [DER Appenda 5 - Comments and Response Report.pdf](#)
10. [DER Appenda 5 - Zandberg 1020000 Map.pdf](#)
11. [DER Appenda 5 - Proof of Public Participation - Part 1 of 2.pdf](#)
12. [DER Appenda 5 - Proof of Public Participation - Part 2 of 2.pdf](#)
13. [DER Appenda 5 - Proof of Public Participation - Part 3 of 2.pdf](#)
14. [DER Appenda 5 - Land Use Map\\_application.pdf](#)
15. [DER notice - Zandberg 102 - To the Director.pdf](#)
16. [Zandberg Mine Expansion H2.pdf](#)
17. [Final Mining Report - VIC 20-01-0-047 UR.pdf](#)
18. [Draft Environmental Impact Assessment Report - VIC 20-01-0-047 UR.pdf](#)
19. [DER Appenda 01 - Regulation 102 Mine Plan.pdf](#)
20. [DER Appenda 02 - Regulation 102 Mine Plan.pdf](#)
21. [DER Appenda 6 - Locality Map.pdf](#)
22. [DER Appenda 6 - Site Activities Plan.pdf](#)
23. [DER Appenda 6 - Surrounding Land Use Map.pdf](#)
24. [DER Appenda 6 - Rehabilitation Plan.pdf](#)
25. [DER Appenda 6I - Decision of Mining Right.pdf](#)
26. [DER Appenda 6I - Cancelled Mining Right.pdf](#)
27. [DER Appenda 6I - Renewed Mining Right.pdf](#)
28. [DER Appenda 6D - Mining Approval 2023.pdf](#)
29. [DER Appenda 6D - Mining Approval 2018.pdf](#)
30. [DER Appenda 6D - Landowner Consent.pdf](#)
31. [DER Appenda 01 - Water Register Certificate.pdf](#)
32. [DER Appenda 01 - Water Use Submission.pdf](#)
33. [DER Appenda 02 - Water Use Submission Report.pdf](#)
34. [DER Appenda 01 - Comments and Response Report.pdf](#)
35. [DER Appenda 02 - Proof of Public Participation Part 1 of 2.pdf](#)
36. [DER Appenda 02 - Proof of Public Participation Part 2 of 2.pdf](#)
37. [DER Appenda 01 - Specialist Vegetation - Botany Survey 2010.pdf](#)
38. [DER Appenda 02 - Botany Study and Assessment 2022.pdf](#)
39. [DER Appenda 01 - Heritage Impact Assessment.pdf](#)
40. [DER Appenda 01 - Invasive Plant Species Management Plan.pdf](#)
41. [DER Appenda 01 - Closure Plan.pdf](#)
42. [DER Appenda 01 - Financial and Technical Safety.pdf](#)
43. [DER Appenda 01 - Social and Labour Plan.pdf](#)
44. [DER Appenda 01 - Emergency Response Procedures.pdf](#)
45. [DER Appenda 01 - Storm Water Management Plan.pdf](#)

Back to Top





18.  Draft Environmental Impact Assessment Report - WC 30-5-1-2-2-87 MR.pdf
19.  DEIAR Appendix A1 - Regulation 42 Mine Plan.pdf
20.  DEIAR Appendix A2 - Regulation 2.2 Mine Plan.pdf
21.  DEIAR Appendix B - Locality Map.pdf
22.  DEIAR Appendix C - Site Activities Plan.pdf
23.  DEIAR Appendix D - Surrounding Land Use Map.pdf
24.  DEIAR Appendix E - Rehabilitation Plan.pdf
25.  DEIAR Appendix F1 - Cession of Mining Right.pdf
26.  DEIAR Appendix F1 - Converted Mining Right.pdf
27.  DEIAR Appendix F1 - Renewed Mining Right.pdf
28.  DEIAR Appendix F2 - Zoning Approval 2002.pdf
29.  DEIAR Appendix F2 - Zoning Approval 2018.pdf
30.  DEIAR Appendix F3 - Landowner Consent.pdf
31.  DEIAR Appendix G1 - Water Registration Certificate.pdf
32.  DEIAR Appendix G1 - Water Use Authorisation.pdf
33.  DEIAR Appendix G2 - Wetland Delineation Report.pdf
34.  DEIAR Appendix H1 - Comments and Response Report.pdf
35.  DEIAR Appendix H2 - Proof of Public Participation Part 1 of 2.pdf
36.  DEIAR Appendix H2 - Proof of Public Participation Part 2 of 2.pdf
37.  DEIAR Appendix I1 - Specialist Vegetation - Ecology Survey 2010.pdf
38.  DEIAR Appendix I2 - Botany Study and Assessment 2020.pdf
39.  DEIAR Appendix J - Heritage Impact Assessment.pdf
40.  DEIAR Appendix K - Invasive Plant Species Management Plan.pdf
41.  DEIAR Appendix M - Closure Plan.pdf
42.  DEIAR Appendix N - Financial and Technical Ability.pdf
43.  DEIAR Appendix O - Social and Labour Plan.pdf
44.  DEIAR Appendix P - Emergency Response Procedures.pdf
45.  DEIAR Appendix Q - Storm Water Management Plan.pdf

South African Heritage Resources Agency (SAHRA)  
Head Office  
111 Harrington Street

PO Box 4637  
Cape Town, 8000  
Tel 021 462 4502/Fax 021 462 4501

## NOTIFICATION OF OWNERS AND NEIGHBOURS

No	Name	Interest
18	Mr AN Viljoen Mr Phillippe du Toit Mr Jan de Necker PMr hilip & Almien du Toit (Lamaison Goree Trust)	Portion 0 of Zand Berg 101 Portion 0 of Zandbult 98 Portion 2 (RE) of Appels Drift 107 Portion 0 of Farm 109
19	Mr Jan Rabie	Remainder of Laughing Waters 96 Portion 0 of Die Gwarries 93 Deorista 113 (Pty) Ltd
20	Mr Schalk Colyn	Portion 2 (RE) of Klip Berg 136
21	Me Alba Lambrecht	Portion 4 of Zandfontyn 407 & Portion 10 & 12 of Vledermuisdrift 398
22	Me Debby Satchel	Deo Volente Sand-mine

18

**PROOF OF CORRESPONDENCE WITH LAMAISON  
GOREE TRUST ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:02 AM  
**To:** 'debbie@lamaison-goree.co.za'; 'pduoit94@gmail.com'; 'jandn@telkomsa.net';  
'wederom@myisp.co.za'  
**Subject:** Zandberg DEIAR - GOREE TRUST  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**

**Project Administrator**



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Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
Somerset West  
7130

Suite 62, Private Bag x15  
Somerset West, 7129

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



Please consider the environment before printing this e-mail

"A WARM SMILE IS THE UNIVERSAL LANGUAGE OF KINDNESS"

*Mental Awareness Month*

## Marlene Lingenfelder

---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** debbie@lamaison-goree.co.za; pdutoit94@gmail.com; jandn@telkomsa.net;  
wederom@myisp.co.za  
**Sent:** 29 October 2020 03:00 PM  
**Subject:** Delivered: Zandberg DEIAR - GOREE TRUST

**Your message has been delivered to the following recipients:**

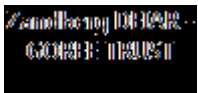
[debbie@lamaison-goree.co.za](mailto:debbie@lamaison-goree.co.za)

[pdutoit94@gmail.com](mailto:pdutoit94@gmail.com)

[jandn@telkomsa.net](mailto:jandn@telkomsa.net)

[wederom@myisp.co.za](mailto:wederom@myisp.co.za)

Subject: Zandberg DEIAR - GOREE TRUST



## Marlene Lingenfelder

---

**From:** jandn@telkomsa.net  
**To:** Marlene Lingenfelder; Marlene Lingenfelder  
**Sent:** 29 October 2020 03:25 PM  
**Subject:** Read: Zandberg DEIAR - GOREE TRUST

Your message

To:  
Subject: Read: Zandberg DEIAR - GOREE TRUST  
Sent: 29 October 2020 03:28:41 PM (UTC+02:00) Harare, Pretoria

was read on 29 October 2020 03:24:36 PM (UTC+02:00) Harare, Pretoria.

**19.**

**PROOF OF CORRESPONDENCE WITH MR JAN  
RABIE ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:03 AM  
**To:** 'janrabie@gmail.com'  
**Subject:** Zandberg DEIAR - Jan Rabie  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
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7130

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## Marlene Lingenfelder

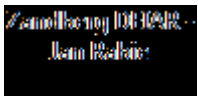
---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** janrabie@gmail.com  
**Sent:** 29 October 2020 03:01 PM  
**Subject:** Delivered: Zandberg DEIAR - Jan Rabie

**Your message has been delivered to the following recipients:**

[janrabie@gmail.com](mailto:janrabie@gmail.com)

Subject: Zandberg DEIAR - Jan Rabie



20.

**PROOF OF CORRESPONDENCE WITH MR SCHALK  
COLYN ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:04 AM  
**To:** 'Janine@koningsrivier.co.za'  
**Subject:** Zandberg DEIAR - Schalk Colyn  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

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7130

Suite 62, Private Bag x15  
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*Mental Awareness Month*

## Marlene Lingenfelder

---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** Janine@koningsrivier.co.za  
**Sent:** 29 October 2020 03:02 PM  
**Subject:** Delivered: Zandberg DEIAR - Schalk Colyn

**Your message has been delivered to the following recipients:**

[Janine@koningsrivier.co.za](mailto:Janine@koningsrivier.co.za)

Subject: Zandberg DEIAR - Schalk Colyn



Zandberg DEIAR -  
Schalk Colyn ...

## Marlene Lingenfelder

---

**From:** Janine@Koningsrivier.co.za  
**To:** Marlene Lingenfelder  
**Sent:** 29 October 2020 05:14 PM  
**Subject:** Read: Zandberg DEIAR - Schalk Colyn

Your message

To:  
Subject: Read: Zandberg DEIAR - Schalk Colyn  
Sent: 30 October 2020 08:21:58 AM (UTC+02:00) Harare, Pretoria

was read on 29 October 2020 05:13:40 PM (UTC+02:00) Harare, Pretoria.

21.

**PROOF OF CORRESPONDENCE WITH ME ALBA  
LAMBRECHT ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:06 AM  
**To:** 'laamja12@yahoo.com'  
**Subject:** Zandberg DEIAR - Alba Lambreght  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
Baker Square, Paardevlei  
De Beers Avenue  
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7130

Suite 62, Private Bag x15  
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*Mental Awareness Month*

## Marlene Lingenfelder

---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** laamja12@yahoo.com  
**Sent:** 29 October 2020 03:04 PM  
**Subject:** Delivered: Zandberg DEIAR - Alba Lambreght

**Your message has been delivered to the following recipients:**

[laamja12@yahoo.com](mailto:laamja12@yahoo.com)

Subject: Zandberg DEIAR - Alba Lambreght



Zandberg DEIAR -  
Alba Lambreght...



22.

**PROOF OF CORRESPONDENCE WITH DEBBY  
SACHEL ON 29 OCTOBER 2020**

## Marlene Lingenfelder

---

**From:** Marlene Lingenfelder  
**Sent:** 29 October 2020 03:12 AM  
**To:** 'DebbyBlake@Satchel.co.za'  
**Subject:** Zandberg DEIAR - Satchel  
**Attachments:** DEIAR - Zandberg S102.pdf

Good day, please find attached hereto correspondence for your attention.

Kind Regards/Vriendelike Groete

**Marlene Lingenfelder**  
Project Administrator



Tel: 021 851 2673  
Cell: 067 417 2654  
Fax: 086 546 0579  
[www.greenmined.com](http://www.greenmined.com)

Unit MO1, No 36 AECl site  
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*Mental Awareness Month*

## Marlene Lingenfelder

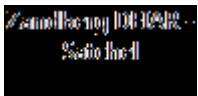
---

**From:** Mail Delivery System <Mailer-Daemon@smtpcorp.com>  
**To:** DebbyBlake@Satchel.co.za  
**Sent:** 29 October 2020 03:10 PM  
**Subject:** Delivered: Zandberg DEIAR - Satchel

**Your message has been delivered to the following recipients:**

[DebbyBlake@Satchel.co.za](mailto:DebbyBlake@Satchel.co.za)

Subject: Zandberg DEIAR - Satchel



**MOTIVATION LETTER AND TESTIMONIALS IN  
SUPPORT OF THE EXPANSION OF ZANDBERG  
SAND MINE**

# ZANDBERG SANDPUT (EDMS) BPK

BTW NR. 4540109818

Posbus 717

Tel. 023-626 1836

Robertson

Selfoon: 084 626 1836

6705

e-pos: [www.zandberg@barvallei.co.za](mailto:www.zandberg@barvallei.co.za)

## **REFERENCE NUMBER: WC 30/5/1/2/2/87 MR & WC 30/5/1/2/2/10080 MR**

### **MOTIVATION LETTER FOR THE EXTENTION OF ZANDBERG SANDPUT (PTY) LTD SAND MINING ACTIVITIES ON PORTION 4 OF THE FARM ZANDBERG FONTEIN NO 97 IN THE ROBERTSON MAGISTERIAL DISTRICT OF THE WESTERN CAPE PROVINCE**

#### **Background Information:**

The Zandberg Sand Mine operated under an old order mining permit (Reference No: MP 39/98) that was converted to a new order mining right (Protocol No: 1435) in terms of Item 7 of Schedule 2 of the MPRDA, 2002 in March 2011. This mining right (7.4826 ha) was valid until February 2016, upon which a renewal application was lodged with the DMRE. The mining right was subsequently renewed until May 2047. In 2014, the MR Holder applied for a 10.2026 ha extension of the approved 7.4826 ha mining area that was granted in December 2018. In November 2018, the mining right was ceded from WJ Viljoen to Zandberg Sandput (Pty) Ltd that is the current MR holder.

The mining activity entails the direct mining of blocks/strips of sand of  $\pm 0.25$  ha in size. The topsoil is stockpiled at the edge of the strip to be replaced during the rehabilitation of the area. The sand is then removed from the stripped area with a front-end-loader that loads it directly onto the trucks of clients. Mined-out strips are rehabilitated as mining progress into new areas, with no more than two strips ( $\pm 0.5$  ha) open at any given time.

The sand of the Zandberg Sand Mine is of excellent quality and is sold to the building-, civil-, and construction industries within the Western Cape Province. The Zandberg sand is free of organic matter such as Port Jackson (*Acacia saligna*) and Redeye Wattle/Rooikrans (*Acacia cyclops*) seeds. In the building industry this is important as "contaminated" sand causes popping of plaster when the contaminants (seeds) react with the moisture in the mixture, expand, and cause cavities in the plaster.

#### **Clientele and Sand Market:**

The sand of Zandberg Sand Mine (hereafter referred to as Zandberg) is sold to clients in Robertson, Bonnievale, Montagu, McGregor, Ashton, Stilbaai, Ladysmith, Riviersonderend, Swellendam, Heidelberg and Riversdale.

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Apart from Zandberg, the only other legally operational sand mine, is located near Worcester. However, the product of this mine is of lesser quality than the Zandberg sand, and the Worcester mine does not have the capacity to fulfill the high demands of the construction industry in the area.

The testimonial letters attached to this document attest to the high quality rendered by Zandberg to their customers. CP Concrete (Pty) Ltd is a ready-mix company who buys  $\pm 1\ 000$  ton sand/month from Zandberg for ready-mix concrete that is supplied to clients in Montagu, Bonnievale, Ashton, Stilbaai, Ladysmith etc. CP Concrete (Pty) Ltd is approximately 20 km from Zandberg, and of the opinion that the sand, bought from the mine, provides them with an edge in the market due to the high quality of the sand and the affordable cost at which this base product (for them) is obtained. This allows them to supply their customers with a high quality concrete at the most cost effective price.

High Rock Trading 88 CC (hereafter referred to as High Rock) is a transport company that delivers material to the construction industry. High Rock has been a Zandberg customer for  $\pm 10$  years, and employ ten drivers that is dependent on the continued operation of the company. The company operates from Montagu and supplies building sand (bought from Zandberg) to clients in Robertson, McGregor, Ashton, Montagu, Bonnievale, Swellendam. The company also has a road maintenance contract with the Langeberg Municipality, for which the sand bought from Zandberg is used. High Rock is  $\pm 30$  km from the Zandberg Sand Mine.

Eram Boublok & Vervoer (hereafter referred to as Eram) manufactures bricks and also supplies sand (from Zandberg) to clients in Barrydale, Swellendam, Montagu, Ashton, Robertson and McGregor. Eram is situated in Bonnievale, and therefore the acquisition of sand from Roberson is of fundamental importance to the company as the cost of sand has a direct impact on the selling price of their products. Should the company buy sand from Worcester (only other legal sand mine in the vicinity), Eram will no longer be able to compete in the building industry as the additional transport cost will render their products too expensive for the target market. The company employs 20 Bonnievale residents that is dependent on the continued operation of the company. Further to this, the majority of the company's clients buy bricks for improvements/extensions to their RDP houses, and an increase in brick prices will have a direct impact on these and other clients. In their testimonial letter, Eram praises the high quality of the Zandberg sand that is crucial in the manufacturing of their products. Eram is  $\pm 36$  km from the Zandberg Sand Mine, while the second nearest sand supplier (Worcester) is  $\pm 80$  km from the company. In addition to the added travelling cost, the additional turnaround time associated with transporting sand from Worcester will have serious cost and efficiency implications to the company.

**Impact on clients and the current developments within the direct vicinity of the Zandberg Sand Mine should the mine run out of sand:**

As mentioned earlier, the only other legal sand mine is in Worcester, that will substantially increase the travel cost, -time, and effort that companies in the Robertson and greater area has to exert to obtain sand.

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WC 30/5/1/2/2/10080 MR**

Zandberg has been a trusted supplier of high quality clean sand to their clients since the 1980's. Should the mine run out of sand/mining space, it will have a direct impact the product quality of their clients of which CP Concrete, High Rock and Eram are but a small example.

Zandberg Sand Mine was closed between 2016 and 2019 while sorting out legal matters regarding their mining right. During this time the buyers had to obtain sand from either Worcester or Malmesbury (>200 km). In 2017, a RDP development was planned in McGregor that needed sand for the building of houses. Although the contractor delayed parts of their project for a year, in the hope that the Zandberg Sand Mine will reopen, they eventually had to make use of fill sand from another source, that had to be brought in at a much higher cost, to at least be able to start with drainage pipes and pipeline. With the development of the Silwerstrand Golf Estate (2017/2018) the contractors had to make use of alternative sand suppliers as the Zandberg Sand Mine was still closed. Three years later (2021), the result of sub-standard sand used in the plaster is evident in the constant popping and cracking that requires endless maintenance.

In light of the above, should the Zandberg Sand Mine run out of sand/mining space, and therefore cease to operate it will have far-reaching effects on a lot of businesses within the direct vicinity of Langeberg Local Municipality area, which in turn will have a negative effect on the economic development and job creation/job security within the area. The impact of potential closure will be of such a nature that it will force its clients' businesses to a standstill. This will have a major impact on not only contract prices, but also contract periods, which in turn will result in penalties payable.

Currently, many developments are being constructed in the Langeberg Local Municipality area which include new estate developments, living complexes and the renovation of petrol stations.

Another impact that may arise from a premature closure of Zandberg, is the illegal sand mining from the banks of the Breede River. In such circumstance, the sand will be mined without any statutory requirements or compliance that will have far reaching detrimental effects to the receiving environment. All along the Breede River in this area, are heavy infestations of Port Jackson-, as well as Bluegum trees. Illegal mining of sand contaminated with the seeds of invader plant species (such as Port Jackson and Bluegum) will also have a devastating effect on the construction industry. Apart from the danger such contaminated sand poses to developments, it will also accelerate the distribution and proliferation of invader plant species throughout the province.

**Socio-economic impacts on employees and the community**

Zandberg Sand Mine currently has three full time employees (including management), which employees reside within the local community. There is also one board member, who does not form part of the full time employees.

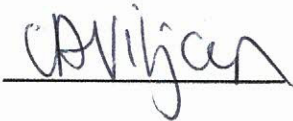
In accordance with the Social and Labour requirements of the mine, the total amount to be spent on Human Resource Development within the first ten years should the Section 102 amendment application in terms of the

**REFERENCE NUMBER:  
WC 30/5/1/2/2/87 MR &  
WC 30/5/1/2/2/10080 MR**

Mining and Petroleum Resources Development Act, 2002 be successful will be in the region of R 538 000 which will be used to uplift the local community and increase the local economic development.

The premature closure of Zandberg will have far-reaching effects on a lot of business within the direct vicinity of mine as well as the greater Langeberg area, which in turn will have a negative effect on the economic development and job creation/job security within the area.

Attached hereto as **Annexures "A", "B" and "C"** respectively are letters from CP Concrete (Pty) Ltd, High Rock Trading 88 CC, and ERAM Boublok & Vervoer, from which letters the far-reaching implications is evident should the Zandberg Sand Mine cease to operate.

A handwritten signature in black ink, appearing to read 'C. Viljoen', written over a horizontal line.

Signature of Author





e-mail : [cpconcrete@barvallei.co.za](mailto:cpconcrete@barvallei.co.za)

Office Phone Number – 023 626 2827

Company Registration Number – 2012/058811/07

VAT Number – 4730261494

29 September 2021

**CP Concrete se motivering waarom ons van Zandberg Sand gebruik maak, is as volg:**

Ons is geleë in Wolhuter Straat, Robertson. Ons gebruik plus minus 'n 1 000 Ton - Sand per maand van Zandberg Sand, sodat ons ons Concrete dienste kan lewer aan ons kliente.

Ons kliente strek oor 'n groot area, onder andere, Montagu, Bonnievale, Ashton, Stilbaai, Ladysmith ens.

Dit sal vir ons baie ekstra kos om sand van iewers anders te kry, wat ons pryse aan ons kliente merkwaardig sal opskuif. Ons wil graag die beste pryse en kwaliteit aan ons kliente lewer.

So ons is vir die uitbreiding van Zandberg Sand. Ons sien dit as 'n voordeel vir ons besigheid en dorp.

A handwritten signature in black ink, appearing to read 'Lauhan Malherbe'.

Director - Lauhan Malherbe

Kontak nommer – 084 767 9988

Email – [lauhan@live.co.za](mailto:lauhan@live.co.za)



REF: WC 30/5/1/2/2/87 MR & WC  
30/5/1/2/2/10080 MR

Translate from Afrikaans to English (CP Concrete)

CP concrete's motivation letter for the use of Zandberg Sandput (Pty) Ltd product, is as follows:

We are located in Wolhuter Street, Robertson. We use plus minus 1000 tons of sand per month from Zandberg Sandput, so that we can provide our concrete services to our clients.

Our clients span a large area, including Robertson, Bonnievale, Montagu, Mc Gregor, Ashton, Stilbaai, Ladysmith, Riviersonderend, Swellendam, Heidelberg and Riversdale

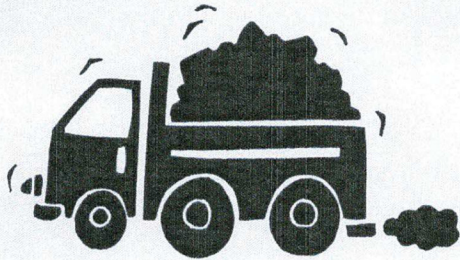
It will cost us a lot to get sand from somewhere else, which will raise our prices remarkably to our customers. We want to provide the best prices and quality to our customers.

So we are in favor of expanding Zandberg Sand mine. We see this as an advantage for our business and town.

---

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

Greenmined Environmental (Pty) Ltd | Tel: 021 851 2673 | Fax: 086 546 0579  
Office No 37, Baker Square Block 1, De Beers Avenue, Paardevelei, Somerset West, 7130  
Postnet Suite 62, Private Bag X15, Somerset West, 7129  
Directors: S Smit; C Weideman | Reg No: 2012/055565/07 | VAT No. 4040263032



High Rock Trading 88 Bk h/a  
C. C. Vervoer  
Posbus 676  
Montagu  
6720  
Email: highrock88@gmail.com  
Tel: 023 614 2636  
Faks: 023 614 2636  
Vat no: 4660242472  
14/09/2021

Goeie dag

Ons is vervoer besigheid vir die bounywerheid.  
Ons koop Bousand vir ons kliente al +- 10jaar.  
Ons het 10 drywer wat afhanklik is van hulle werk.  
High Rock verkaf vanaf Robertson,  
Mcgregor, Ashton, Montagu, Bonnievale Swellendam en  
al die boere gemeenskap met Bousand. Ons bedien ook  
die Langeberg Municipality vir instandhouding van ons  
paaie met sand. Indien wel ander verskaffer moet  
gekry word sal dit hoogs moontlik wees dat ons nie al  
ons mense sal kan behou aangesien koste sal klim. Ons  
alternatief om sand te kry is Worcester en ons is gelee  
op Montagu en ons almal weet koste van Diesel beloop.  
Ons sal dus beslis kliente verloor oor pryse en tyd.

Die Uwe

  
.....

Datum

14/09/2021



REF: WC 30/5/1/2/2/87 MR & WC  
30/5/1/2/2/10080 MR

Translate from Afrikaans to English (High Rock Trading)

Good day

We are a transportation business for the construction industry. We have been buying building sand for our clients for about ten years. We have ten drivers who depend on this business for their livelihoods. High Rock provides services from Robertson, McGregor, Ashton, Montagu, Bonnivale, Swellendam, and all the farming community with building sand.

We also serve the Langeberg Municipality for road maintenance. If another supplier has to be found, it will be highly possible that we will not be able to keep all our staff members as costs will increase. Worcester is other alternative to getting sand and we are located in Montagu and we all know costs of Diesel is very high. Thus we will lose customers over price and time.

---

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Greenmined Environmental (Pty) Ltd | Tel: 021 851 2673 | Fax: 086 546 0579  
Office No 37, Baker Square Block 1, De Beers Avenue, Paardevelei, Somerset West, 7130  
Postnet Suite 62, Private Bag X15, Somerset West, 7129  
Directors: S Smit; C Weideman | Reg No: 2012/055565/07 | VAT No. 4040263032

ERAM BOUBLOK & VERVOER

HOOFWEG 33

BONNIEVALE

6730

30 SEPTEMBER 2021

**ERAM** BOUBLOK & VERVOER 768 BK

C.K. Nr. 2005 / 020665 / 23

POSBUS 257

BONNIEVALE 6730

Tel / Fax: (023) 616 2400

Btw Nr. 4040221782

SKRYWE INSAKE SAND VERBRUIK VERKRYGBAAR  
VANAF ZANDBERG TE ROBERTSON

ERAM BOUBLOK EN VERVOER IS 'N MEDIUM KLEIN  
BESIGHEID WAT STENE VERVAARDIG MET 20  
PERSONEEL IN DIENS.

ONS VERSKAF SAND IN DIE BREE MARK TOT EN MET  
BARRYDALE, SWELLENDAM, MONTAGU, ASHTON, ROBER  
TSON, MCGREGOR.

BONNIEVALE EN DIE VERKRYGING VAN SAND IN  
ROBERTSON IS VIR ONS VAN KARDINALE BELANG  
AANGESIEN ONS NAASTE VERSKAFFER NAAS  
ROBERTSON DAN WORCESTER IS EN DIT BEINVLOED  
DIE PRYS VAN ONS BOU BLOKKE ENSOVOORTS EN DIT  
DAN NIE VIR ONS 'N KOMPETERENDE MARK LAAT NIE  
AANGESIEN DIE VERVOER KOSTE VANAF WORCESTER  
DIT VIR ONS DUUR MAAK EN DAN IS PRODUK VAN

ELDERS GOEDKOPER AANGESIE HULLE ROU  
MATERIAAL NADER AAN HULLE AANLEG IS.

ONS MEESTE KLIÊNTE IS PLAASLIK WAT VERBETERINGS  
AAN HULLE RDP HUISE DOEN OM DIT OOK VIR HULLE  
SO VER MOONTLIK KOSTE EFFEKTIEF TE MAAK.

DIE GEHALTE VAN ZANDBERG SANDPUT IS OOK VAN  
UITSTAANDE GEHALTE EN IS 'N BAIE GOEIE SKOON  
SAND.

INDIEN SAND VAN WORCESTER AF GERY MOET WORD  
MAAK DIT OOK DAT ONS NIE SO PRODUKTIEF EN  
EFFEKTIEF KAN FUNKSIONEER AS GEVOLG VAN DIE TYD  
FAKTOR. ONS IS TANS +- 36 KM VANAF ZANDBERG ONS  
2DE NAASTE VERSKAFFER IS 80KM VANAF ONS  
AANLEG.

EK GLO EN VERTROU DAT DIE PUNTE AAN U UITGEWYS  
DIE VERKRYGING VAN SAND TE ROBERTSON EN DIE  
EKONOMIESE IMPAK VERDUIDELIK.

DIE UWE

EJ VAN DER BANK (ERAM BOUBLOK)

**ERAM** BOUBLOK & VERVOER 768 BK  
CK Nr 2005 / 020685 / 23  
POSBUS 257  
BONNIEVALE 6730  
Tel / Fax: (023) 616 2400  
Btw Nr. 4040221782



REF: WC 30/5/1/2/2/87 MR & WC  
30/5/1/2/2/10080 MR

Translation from Afrikaans to English (Eram Boublok & Vervoer)

Eram Boublok & Vervoer is a medium small business that manufactures bricks with 20 staff members.

We supply sand in the broad market up to and including Barrydale, Swellendam, Montagu, Ashton, Robertson, Mcgregor.

Bonnievale and the acquisition of sand in Robertson is of utter importance to us as our nearest supplier next to Roberston is Worcester and this affects the price of our building blocks etc. Which does not leave us a competitive market as the transport cost from Worcester make it expensive for us and then product from elsewhere is cheaper as their raw material is closer to their plant.

Most of our clients are locally making improvements to their RDP homes to make it cost effective for them as much as possible.

The quality of Zandberg Sandput product is outstanding and can be classified as very clean sand.

If sand has to be driven from Worcester it also means that we cannot function as productively and effectively due to the factor. We are currently + - 36 km from Zandberg and our 2nd nearest supplier is 80km from our plant.

I believe and trust that the points pointed out to you explain the disposition of sand at Robertson and the economic impact.

Sincerely

EJ van der Bank

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

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**-END OF PUBLIC PARTICIPATION PROCESS-**