LOMBARDSKRAAL DOLERIET (PTY) LTD

APPLICATION FOR A MINING PERMIT FOR THE MINING OF GRAVEL, 4.9 HA ON A PORTION OF PORTION 4 OF THE FARM WAAI KRAAL NO 120 SITUATED IN THE BEAUFORT WEST MAGISTERIAL DISTRICT OF THE WESTERN CAPE PROVINCE.

PROOF OF PUBLIC PARTICIPATION PART 2

DEPARTMENT REFERENCE NUMBER:

WC 30/5/1/3/2/10266 MP

DECEMBER 2020



EXAMPLE OF DRAFT BAR NOTIFICATION SEND TO INFORM THE STAKEHOLDERS AND I&AP'S ON 11 DECEMBER 2020





Reference No: WC 30/5/1/3/2/ 10266 MP

To Whom It May Concern

11 December 2020

Dear Sir/Madam

RE: SUBMISSION OF DRAFT BASIC ASSESSMENT REPORT FOR ENVIRONMENTAL AUTHORIZATION (BASIC ASSESSMENT PROCESS) FOR MINING PERMIT APPLICATION IN TERMS OF SECTION 27 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO 28 OF 2002) AND THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO 107 OF 1998 NEMA) AS WELL AS THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS OF 2014 (AS AMENDED BY GNR 326 EFFECTIVE 7 APRIL 2017) BY LOMBARDSKRAAL DOLERIET (PTY) LTD, FOR THE MINING OF AGGREGATE, 4.9 HA ON A PORTION OF PORTION 4 OF THE FARM WAAI KRAAL NO 120 SITUATED IN THE BEAUFORT WEST MAGISTERIAL DISTRICT OF THE WESTERN CAPE PROVINCE.

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your perusal. A electronic copy of the document can be obtained from Greenmined Environmental upon request, or downloaded from the company website at www.greenmined.com should you wish to review the document.

A thirty-day commenting period, ending on **29**th **January 2021**, will be allowed. All comments, concerns or objections 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 feedback from you before the end of the notice 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. Please do not hesitate to contact us in the event of any uncertainties.

Please contact Sonette Smit at 084 5855706 (Cell) or 021 851 2673 (Tel), 086 546 0579 (Fax), or Sonette.s@greenmined.co.za should you require any additional information.

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



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

Kind Regards,

Sonette Smit

Greenmined Environmental

Sonette.s@greenmined.co.za





OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: WESTERN CAPE

1st and 2nd floors, 14 Long Street, Cape Town, 8000 | Private Bag X9163, Cape Town, 8000 | Tel: (021) 409 0300 | Fax: (021) 418 0205

Your Ref: Marlene Lingenfelder Our Ref: Maroeda Johnson

03rd February 2021

Greenmined Suite 62 Private Bag x15 Somerset West 7129

LAND CLAIM ENQUIRIES: A PORTION OF PORTION 4 OF THE FARM WAAI KRAAL NO. 120 DIVISION BEAUFORT WEST

Thank you for your letter dated 11 JANUARY 2021

We confirm that as at the date of this letter no land claims appear on our database in respect A PORTION OF PORTION 4 OF THE FARM WAAI KRAAL NO. 120 DIVISION BEAUFORT WEST. This includes the database for claims lodged 31 December 1998 and those lodge between 1 July 2014 and 28 July 2016. Whilst the Commission takes reasonable care to ensure the accuracy of the information it provides, there are various factors that may be beyond the Commission's control, particularly relating to claims that have lodged but not yet been gazetted.

- Some Claimants referred to properties they claim dispossession of rights in land against using historical property descriptions which may not match the current property description; and
- Some Claimants provided the geographic descriptions of the land they claim
- without mentioning the particular property they claim dispossession of rights in land against.
- The Commission can therefore not accept any liability whatsoever if through the process of further investigation of claims it is found that there is in fact a land claim in respect of the above property.

If you are aware of any change in the description of the above property after 19 June 1913 kindly supply us with such description as to enable us to do a further search.

Kind Regards

Dr Wayne Alexander

Chief Director: Restitution Support: RLCC (Western Cape)

NOTIFICATION OF STAKEHOLDERS

Number	Organisation	Contact Person
1	Central Karoo District Municipality	Mr J Jonker
2	Beaufort West Local Municipality	Mr Haarhoff
3	Beaufort West Local Municipality Ward 2	Cllr Derick Welgemoed
4	Heritage Western Cape	Me Waseefa Dhansay
5	Cape Nature	Me Alana Duffell-Canham
6	Cape Nature - George	Mr Benjamin Walton
7	Department of Agriculture, Land reform & Rural Development Cape Town Pretoria Beaufort Wes	Mr Cor van der Walt Me Mashudu Marubini Me Phyllis Pienaar
8	Department of Agriculture Forestry and Fisheries	Me Lutendo Netshilema
9	Department of Human Settlements Water and Sanitation	Mr R Khan
10	Department of Economic Development and Tourism	Mr Solly Fourie
11	Department of Environmental Affairs and Development Planning - Western Cape	Me Adri LaMeyer



Number	Organisation	Contact Person
12	Department of Environmental Affairs and Development Planning - George	Mr Danie Swanepoel
13	Department of Social Development	Dr Robert Macdonald
14	Department of Social Development - Beaufort West	Ms Carol Benadie
15	Department of Transport and Public Works	Me Grace Swanepoel
16	Department of Labour	Me Candice van Heerden
17	Department of Rural Development and Land Reform	Me Juanita Fortuin
18	Transnet	Me Paulita Whon
19	Sanral	Ms Nicole Abrahams
20	Breede-Gouritz Cathement Management Agency	Mr Jannie van Staden
21	South African Heritage Resource Agency	Heritage Officer



PROOF OF CORRESPONDENCE WITH MR J JONKER FROM CENTRAL KAROO DISTRICT MUNICIPALITY ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 07:58 AM

To: 'jjonker@skdm.co.za'; 'manager@skdm.co.za'

Subject: Beaufort west - 10266 MP DBAR - Central Karoo DM

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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

From: Mail Delivery System <MAILER-DAEMON@mail.hq.skdm>

To: manager@skdm.co.za
Sent: 11 December 2020 07:55 AM

Subject: Expanded: Beaufort west - 10266 MP DBAR - Central Karoo DM

Your message has been delivered to the following groups:

manager@skdm.co.za

Subject: Beaufort west - 10266 MP DBAR - Central Karoo DM



PROOF OF CORRESPONDENCE WITH MR HAARHOFF FROM BEAUFORT WEST LOCAL MUNICIPALITY ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:07 AM

To: 'admin@beaufortwestmun.co.za'; 'valenciag@beaufortwestmun.co.za';

'kosieh@beaufortwestmun.co.za'

Subject: Beaufort west - 10266 MP DBAR - Beaufort West LM

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete

Marlene Lingenfelder

Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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Suite 62, Private Bag x15 Somerset West, 7129

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



From: Mail Delivery System <MAILER-DAEMON@mail.corp.bwmun>

To: admin@beaufortwestmun.co.za
Sent: 11 December 2020 08:04 AM

Subject: Expanded: Beaufort west - 10266 MP DBAR - Beaufort West LM

Your message has been delivered to the following groups:

admin@beaufortwestmun.co.za

Subject: Beaufort west - 10266 MP DBAR - Beaufort West LM



From: Mail Delivery System <MAILER-DAEMON@mail.corp.bwmun>

To: kosieh@beaufortwestmun.co.za
Sent: 11 December 2020 08:04 AM

Subject: Relayed: Beaufort west - 10266 MP DBAR - Beaufort West LM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

kosieh@beaufortwestmun.co.za

Subject: Beaufort west - 10266 MP DBAR - Beaufort West LM





From: Mail Delivery System <MAILER-DAEMON@mail.corp.bwmun>

To:valenciag@beaufortwestmun.co.zaSent:11 December 2020 08:04 AM

Subject: Relayed: Beaufort west - 10266 MP DBAR - Beaufort West LM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

valenciag@beaufortwestmun.co.za

Subject: Beaufort west - 10266 MP DBAR - Beaufort West LM





PROOF OF CORRESPONDENCE WITH CLLR DERICK WELGEMOED FROM BEAUFORT WEST LOCAL MUNICIPALITY WARD 2 ON 15 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 15 December 2020 03:38 PM **To:** 'derick@matplant.co.za'

Subject: Beaufort west - 10266 MP DBAR - Ward 2

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: derick@matplant.co.za

Sent: 15 December 2020 03:35 PM

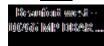
Subject: Delivered: Beaufort west - 10266 MP DBAR - Ward 2

Your message has been delivered to the following recipients:

derick@matplant.co.za

Subject: Beaufort west - 10266 MP DBAR - Ward 2





PROOF OF CORRESPONDENCE WITH ME WASEEFA DHANSAY FROM HERITAGE WESTERN CAPE ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:09 AM

To: 'waseefa.dhansay@westerncape.gov.za'; 'ceoheritage@westerncape.gov.za';

'Zwelibanzi.Shiceka@westerncape.gov.za'; 'Colette.Scheermeyer@westerncape.gov.za'

Subject: Beaufort west - 10266 MP DBAR - HWC

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



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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

From: postmaster@westerncape.gov.za
To: ceoheritage@westerncape.gov.za
Sent: 11 December 2020 08:07 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - HWC

Your message has been delivered to the following recipients:

ceoheritage@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - HWC





From: postmaster@westerncape.gov.za

To: Colette.Scheermeyer@westerncape.gov.za

Sent: 11 December 2020 08:07 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - HWC

Your message has been delivered to the following recipients:

Colette.Scheermeyer@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - HWC





PROOF OF CORRESPONDENCE WITH ME ALANA DUFFELL-CANHAM FROM CAPE NATURE ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:10 AM

To: 'aduffell-canham@capenature.co.za'

Subject: Beaufort west - 10266 MP DBAR - CapeNature

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: aduffell-canham@capenature.co.za
Sent: 11 December 2020 08:07 AM

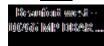
Subject: Delivered: Beaufort west - 10266 MP DBAR - CapeNature

Your message has been delivered to the following recipients:

aduffell-canham@capenature.co.za

Subject: Beaufort west - 10266 MP DBAR - CapeNature





PROOF OF CORRESPONDENCE WITH MR BENJAMIN WALTON FROM CAPE NATURE – GEORGE ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:11 AM

To: 'landusegeorge@capenature.co.za'; 'cfordham@capenature.co.za';

'msimons@capenature.co.za'

Subject: Beaufort west - 10266 MP DBAR - Cape Nature - George

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete

Marlene Lingenfelder

Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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Suite 62, Private Bag x15 Somerset West, 7129

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



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: landusegeorge@capenature.co.za; cfordham@capenature.co.za;

msimons@capenature.co.za

Sent: 11 December 2020 08:08 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - Cape Nature - George

Your message has been delivered to the following recipients:

landusegeorge@capenature.co.za

cfordham@capenature.co.za

msimons@capenature.co.za

Subject: Beaufort west - 10266 MP DBAR - Cape Nature - George





PROOF OF CORRESPONDENCE WITH

- Mr Cor van der Walt CAPE TOWN
- Me Mashudu Marubini PRETORIA
- Me Phyllis Pienaar BEAUFORT WEST

FROM DEPARTMENT OF AGRICULTURE, LAND REFORM & RURAL DEVELOPMENT ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:12 AM

To: 'landuse.elsenburg@elsenburg.com'; 'info@elsenburg.com'; 'Samantha Asia';

'gizellevw@elsenburg.com'; 'RahabM@Dalrrd.gov.za'; 'MashuduMa@Dalrrd.gov.za';

'phyllisp@elsenburg.com'

Subject: Beaufort west - 10266 MP DBAR - DOA

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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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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From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: landuse.elsenburg@elsenburg.com; gizellevw@elsenburg.com;

phyllisp@elsenburg.com; info@elsenburg.com

Sent: 11 December 2020 08:09 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DOA

Your message has been delivered to the following recipients:

landuse.elsenburg@elsenburg.com

gizellevw@elsenburg.com

phyllisp@elsenburg.com

info@elsenburg.com

Subject: Beaufort west - 10266 MP DBAR - DOA



From: Pienaar, Phyllis < Phyllis P@elsenburg.com>

Sent: 11 December 2020 08:32 AM

To: Marlene Lingenfelder

Subject: Read: Beaufort west - 10266 MP DBAR - DOA **Attachments:** Read: Beaufort west - 10266 MP DBAR - DOA

From: Western Cape Agriculture <Info@elsenburg.com>

Sent: 11 December 2020 08:14 AM

To: Marlene Lingenfelder

Subject: Read: Beaufort west - 10266 MP DBAR - DOA **Attachments:** Read: Beaufort west - 10266 MP DBAR - DOA

From: Van Wyk, Gizelle <GizellevW@elsenburg.com>

Sent: 11 December 2020 08:13 AM

To: Marlene Lingenfelder

Subject: Read: Beaufort west - 10266 MP DBAR - DOA **Attachments:** Read: Beaufort west - 10266 MP DBAR - DOA

From: Van der Walt, Cor <CorvdW@elsenburg.com>

Sent: 11 December 2020 08:10 AM

To: Marlene Lingenfelder

Subject: Read: Beaufort west - 10266 MP DBAR - DOA **Attachments:** Read: Beaufort west - 10266 MP DBAR - DOA

From: Samantha Asia < Samantha A@Dalrrd.gov.za>

Sent: 14 December 2020 08:53 AM

To: Marlene Lingenfelder
Cc: Phumeza Silika

Subject: RE: Beaufort west - 10266 MP DBAR - DOA

Dear Marlene,

Thank you, I hereby confirm receipt of the email pertaining to the DBAR and EMPR for the proposed mining permit.

Kind Regards

Samantha Phologane Resource Auditor Overberg & Central Karoo Districts Directorate: Land and Soil Management 17 Strand Street, Bellville

Tel: 021 944 1423 Fax: 021 944 1427



From: Marlene Lingenfelder [mailto:admin@greenmined.co.za]

Sent: Friday, 11 December 2020 08:09

To: landuse.elsenburg@elsenburg.com; info@elsenburg.com; Samantha Asia <SamanthaA@Dalrrd.gov.za>;

gizellevw@elsenburg.com; Rahab Maboa <RahabM@Dalrrd.gov.za>; Mashudu Marubini

<MashuduMa@Dalrrd.gov.za>; phyllisp@elsenburg.com

Subject: Beaufort west - 10266 MP DBAR - DOA

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Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator

7.

RESPONSE RECEIVED FROM ME SAMANTHA ASIA DEPARTMENT OF AGRICULTURE, LAND REFORM & RURAL DEVELOPMENT (CAPE TOWN) ON 27 JANUARY 2021



From: Samantha Asia < Samantha A@Dalrrd.gov.za>

Sent: 26 January 2021 09:23 AM **To:** Marlene Lingenfelder

Subject: RE: Beaufort west - 10266 MP DBAR - DOA

Follow Up Flag: Follow up Flag Status: Completed

Dear Marlene,

Compliments for the new year. Kindly note I have done the comments for the aforementioned DBAR and send it to Ms Mashudu Marubini for consolidation. Her office will send you the final comment, kindly contact Ms Marubini for any queries.

Kind Regards Samantha

From: Samantha Asia

Sent: Monday, 14 December 2020 08:53

To: 'Marlene Lingenfelder' <admin@greenmined.co.za>
Cc: Phumeza Silika <PhumezaSi@Dalrrd.gov.za>
Subject: RE: Beaufort west - 10266 MP DBAR - DOA

Dear Marlene,

Thank you, I hereby confirm receipt of the email pertaining to the DBAR and EMPR for the proposed mining permit.

Kind Regards

Samantha Phologane Resource Auditor Overberg & Central Karoo Districts Directorate: Land and Soil Management 17 Strand Street, Bellville

Tel: 021 944 1423 Fax: 021 944 1427



From: Marlene Lingenfelder [mailto:admin@greenmined.co.za]

Sent: Friday, 11 December 2020 08:09

To: landuse.elsenburg@elsenburg.com; info@elsenburg.com; samanthaA@Dalrrd.gov.za;

gizellevw@elsenburg.com; Rahab Maboa < Rahab M@Dalrrd.gov.za >; Mashudu Marubini

<MashuduMa@Dalrrd.gov.za>; phyllisp@elsenburg.com

Subject: Beaufort west - 10266 MP DBAR - DOA

7.

RESPONSE SEND TO DEPARTMENT OF AGRICULTURE, LAND REFORM & RURAL DEVELOPMENT (CAPE TOWN & PRETORIA)ON 2 FEBRUARY 2021



From: Marlene Lingenfelder
Sent: 02 February 2021 12:22 PM

To: 'Samantha Asia'; 'MabuleR@dalrrd.gov.za'

Subject: FW: Contact details

Attachments: RE: Beaufort west - 10266 MP DBAR - DOA

Good day Samantha and Mabule

Hope this email finds you well.

I spoke to Mashudu and she is currently on leave till 18 Feb 2020. She advised that Mabule assist with the comments. Samatha kindly send all your comments to Mabule in order for him to send us the final comment. The commenting period expired on 29 January 2021 and we are just waiting for your feedback before we send the FBAR to DMR.

Your assistance in this matter is appreciated.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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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We shall require a substantially new manner of thinking if mankind is to survive - Albert Einstein

From: Samantha Asia [mailto:SamanthaA@Dalrrd.gov.za]

Sent: 02 February 2021 10:39 AM

To: Marlene Lingenfelder <admin@greenmined.co.za>; landuse.elsenburg@elsenburg.com; info@elsenburg.com;

gizellevw@elsenburg.com; Rahab Maboa <RahabM@Dalrrd.gov.za>; Mashudu Marubini

<MashuduMa@Dalrrd.gov.za>; phyllisp@elsenburg.com

Subject: RE: Contact details

Dear Marlene,

7.

RESPONSE RECEIVED FROM DEPARTMENT OF AGRICULTURE, LAND REFORM & RURAL DEVELOPMENT (PRETORIA) ON 9 FEBRUARY 2021



We shall require a substantially new manner of thinking if mankind is to survive - Albert Einstein

From: Samantha Asia [mailto:SamanthaA@Dalrrd.gov.za]

Sent: 02 February 2021 10:39 AM

To: Marlene Lingenfelder <admin@greenmined.co.za>; landuse.elsenburg@elsenburg.com; info@elsenburg.com;

gizellevw@elsenburg.com; Rahab Maboa <RahabM@Dalrrd.gov.za>; Mashudu Marubini

<MashuduMa@Dalrrd.gov.za>; phyllisp@elsenburg.com

Subject: RE: Contact details

Dear Marlene,

As indicated last week I have completed the comments and send it to our head office to consolidate and send the final comments. My comments as I explained to you was send to Ms Marubini as per our new procedure which requires me to send the comments to head office (Sub-division) as we are no longer allowed to send comments for certain developments straight to consultants. Please contact Ms Marubini.

Regards Samantha Asia

From: Marlene Lingenfelder [mailto:admin@greenmined.co.za]

Sent: Tuesday, 02 February 2021 10:22

To: landuse.elsenburg@elsenburg.com; info@elsenburg.com; samanthaA@Dalrrd.gov.za;

gizellevw@elsenburg.com; Rahab Maboa <RahabM@Dalrrd.gov.za>; Mashudu Marubini

<MashuduMa@Dalrrd.gov.za>; phyllisp@elsenburg.com

Subject: Contact details

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, kindly send me a cell number for Samatha Asia or Mashudu Marubini if possible. Urgently trying to contact them.

Kind Regards/Vriendelike Groete

Marlene Lingenfelder Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129

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7.

RESPONSE SEND TO DEPARTMENT OF AGRICULTURE, LAND REFORM & RURAL DEVELOPMENT ON 17 FEBRUARY 2021



From: Marlene Lingenfelder
Sent: 02 February 2021 12:22 PM

To: 'Samantha Asia'; 'MabuleR@dalrrd.gov.za'

Subject: FW: Contact details

Attachments: RE: Beaufort west - 10266 MP DBAR - DOA

Good day Samantha and Mabule

Hope this email finds you well.

I spoke to Mashudu and she is currently on leave till 18 Feb 2020. She advised that Mabule assist with the comments. Samatha kindly send all your comments to Mabule in order for him to send us the final comment. The commenting period expired on 29 January 2021 and we are just waiting for your feedback before we send the FBAR to DMR.

Your assistance in this matter is appreciated.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673
Cell: 067 417 2654
Fax: 086 546 0579
www.greenmined.com
Unit MO1, No 36 AECI 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

We shall require a substantially new manner of thinking if mankind is to survive - Albert Einstein

From: Samantha Asia [mailto:SamanthaA@Dalrrd.gov.za]

Sent: 02 February 2021 10:39 AM

To: Marlene Lingenfelder <admin@greenmined.co.za>; landuse.elsenburg@elsenburg.com; info@elsenburg.com; cizellerur@elsenburg.com; Nashudu Marubiri

gizellevw@elsenburg.com; Rahab Maboa <RahabM@Dalrrd.gov.za>; Mashudu Marubini

<MashuduMa@Dalrrd.gov.za>; phyllisp@elsenburg.com

Subject: RE: Contact details

Dear Marlene,



FEBRUARY 2021





+27 83 703 3002



www.dsafrica.co.za



darren@dsafrica.co.za



1 Kemsley Street

Port Elizabeth

Directors:

Prof Pieter le Roux Dr George van Zijl Dr Darren Bouwer Prof Johan van Tol



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SPECIALIST CV

DR DARREN BOUWER

EDUCATION

PhD Soil Science	University of the Free State	2018				
M.Sc. Soil Science	University of the Free State	2013				
B.Sc. Soil Science (Hon)	University of the Free State	2009				
B.Sc. Soil Science	University of the Free State	2008				
Matric certificate	Queens College	2005				

PROFESSIONAL AFFILIATIONS

- SACNASP- Pri Nat Sci 400081/16
- Member of the Soil Science Society of South Africa
- Member of the Soil Classification Work Group
- Member of South African Soil Surveyors Organisation

WORK EXPERIENCE

- **Digital Soils Africa** / Soil Scientist May 2012 Present
- Ghent University / Researcher- January 2016 December 2016
- University of the Free State/ Assistant Researcher- January 2011- December 2015

PUBLICATIONS

Total consultancy reports:89 Total Publications: 5

Most relevant:

Bouwer, D., Le Roux, P. A., van Tol, J. J., & van Huyssteen, C. W. (2015). Using ancient and recent soil properties to design a conceptual hydrological response model. Geoderma, 241, 1–11.

Van Zijl, G. M., Bouwer, D., van Tol, J. J., & le Roux, P.A.L. (2014). Functional digital soil mapping: A case study from Namarroi, Mozambique. Geoderma, 219-220, 155–161.



SPECIALIST DECLARATION

I, Darren Bouwer, declare that –

- I act as the independent specialist in this application;
- I regard the information contained in this report to be true and correct;
- I do not have a conflict of interest in this project;
- I will conduct the work relating to the project in an objective manner.



Dr Darren Bouwer PhD Soil Science Pri Nat Sci 400081/16



BACKGROUND TO THE STUDY

Digital Soils Africa (Pty) LTD (DSA) were tasked by Greenmined to undertake an Agricultural Compliance Statement for the Environmental Authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), Environmental Impact Assessment ("EIA") Regulations, 2014. The Compliance Statement is reported according to the protocol for the specialist assessment and minimum report content requirements for the environmental impacts on agricultural resources (DEA, 2020)

Lombardskraal Doleriet (Pty) Ltd is applying for environmental authorisation (EA) and a mining permit to mine gravel on a portion of Portion 4 of the farm Waai Kraal 120, Registration Division of Beaufort West, Western Cape province.

The proposed footprint will be 4.9 ha and will be developed over an undisturbed area of the farm occasionally used for grazing. The mining method will make use of blasting, after which the material will then be loaded and hauled to the crushing plant where it will be stockpiled. The intends to win material from the area for at least 2 years with a possible extension of another 3 years.

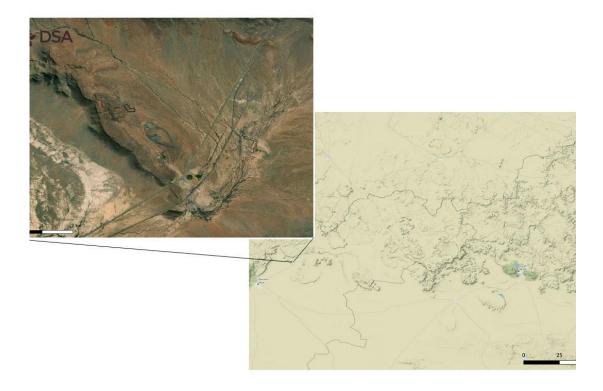


FIGURE 1: LOCATION OF THE STUDY AREA IN THE WESTERN PROVINCE.



SCREENING TOOL

The area was classified as low sensitivity by Department of Environmental Affairs (DEA) in the screening.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low

FIGURE 2: RESULTS FROM THE DEA SCREENING TOOL.



METHODOLOGICAL APPROACH

DESKTOP SURVEY

All information used to compile the Compliance Statement in found in

TABLE 1: LIST OF DATA USED TO COMPILE COMPLIANCE STATEMENT

Land type	Land Type Survey Staff, 1972 – 2002						
Climate	Schulze (2007)						
South African Nation Land Cover 2018	Department of Environmental Sciences (2018)						
LONG TERM GRAZING CAPACITY MAP FOR SOUTH AFRICA 2016	Department of Agriculture, Forestry and Fisheries (2016)						



RESULTS

DESKTOP

LAND TYPE INFORMATION

There are two land types occurring in the study area, namely Ae76 and Ib255 (Figure 3) (Appendix 1). The criteria for an area to qualify for inclusion in the landtypes are given in Table 2.

TABLE 2: BRIEF DESCRIPTION OF BROAD LANDTYPES FOUND IN THE STUDY AREA.

LANDTYPE	DESCRIPTION
AE	FREELY DRAINED, RED, EUTROPHIC, APEDAL SOILS COMPRISE >40% OF THE LAND TYPE (YELLOW SOILS COMPRISE <10%)
IB	ROCK OUTCROPS COMPRISE >60% OF LAND TYPE

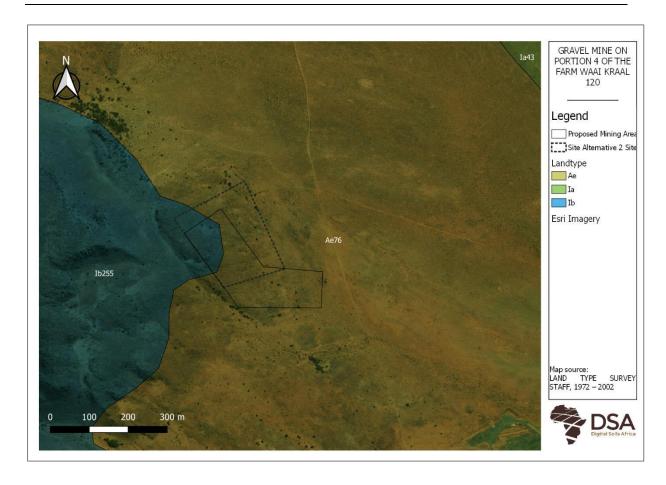


FIGURE 3: LAND TYPES OCCURRING IN THE STUDY AREA (LAND TYPE SURVEY STAFF, 1972 – 2002).



CLIMATE

The mean annual rainfall distribution is between 200 and 400 mm and the site falls within the arid climate.

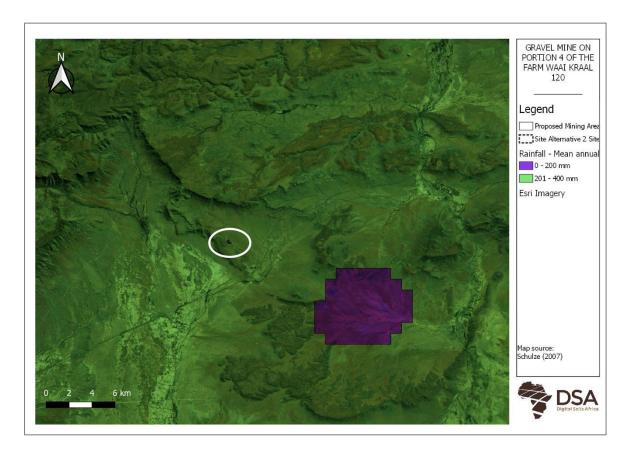


FIGURE 4: RAINFALL DISTRIBUTION AND ARIDITY ZONES OF THE SITE AND SURROUNDING AREA (SCHULZE, 2007).

LAND USE

The current land use is dominated by Nama Karoo low shrubland & and natural bare land cover (Figure 5: South African National Land-Cover 2018 (SANLC, 2018).

TABLE 3: SELECTED NATIONAL LAND-COVER LEGEND AND CLASS DEFINITIONS USED IN THE SOUTH AFRICAN LAND-COVER 2018

No.	Class Name	Class Definition
11	Low Shrubland (Nama Karoo)	This is the same as class 8, Low Shrubland, but now represents low, indigenous karoo-type vegetation communities, which have been identified using image-based spectral models, but which fall spatially <i>inside</i> the SANBI defined boundaries for Nama Karoo vegetation communities.



13	Natural Grassland	Natural and/or semi-natural indigenous grasslands, typically devoid of any significant tree or bush cover, and where the grassland component is typically dominant over any adjacent bare ground exposure. Note this this definition differs slightly from the equivalent gazetted class definition (i.e. total plant canopy cover ranges between 4 - 100%) in order to provide a more comparable content to the 1990 and 2013-14 SANLC datasets. Typically representative of low, grass-dominated vegetation communities in the Grassland and Savanna Biomes.
31	Other Bare	Other natural, semi-natural or man-created non-vegetated areas. Typically associated with permanent or near permanent bare ground sites that have insufficient spatial or temporal characteristics to be otherwise classified.



FIGURE 5: SOUTH AFRICAN NATIONAL LAND-COVER 2018 (SANLC, 2018).

GRAZING CAPACITY

The unit used in the grazing capacity is hectares per large stock unit (ha/LSU), therefore the site has a very grazing capacity of 28 ha/LSU (Figure 6).



A homogeneous unit of vegetation expressed as the area of land required (in hectares) to maintain a single animal unit (LSU) over an extended number of years without deterioration to vegetation or soil. Where a LSU = An animal with a mass of 450 kg and which gains 0,5 kg per day on forage with a digestible energy of 55%. (Trollope et. Al., 1990).

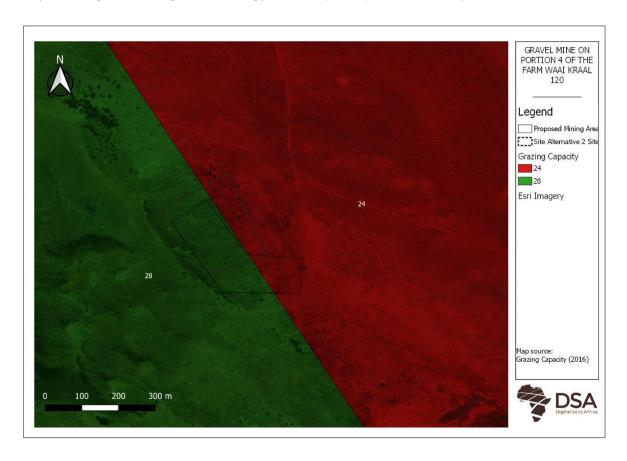


FIGURE 6: GRAZING CAPACITY OF THE SITE AND SURROUNDING AREA (DEPARTMENT OF AGRICULTURE, FORESTRY AND FISHERIES, 2016).



COMPLIANCE STATEMENT

The desktop study confirmed that the proposed development site is of a "low" Agricultural sensitivity, as classified by the DEA Screening Tool.

The landtypes of the area predict shallow rocky soils. This is further substantiated by satellite images of the survey area. These soils will have a low water holding capacity which will limit crop production and are not deemed suitable for irrigation.

The grazing potential of 28 ha/LSU is very low and typical of the area. This is further substantiated by the low rainfall.

It is the specialist's opinion that the proposed development site is of a low agricultural sensitivity and that the development at the proposed site will not significantly impact agricultural activities. In terms of agricultural sensitivity, the proposed development should thus be allowed to proceed at the identified site subject to recommendations provided.

Recommendations

- 1. Restrict the proposed development to the smallest footprint possible and do not disturb/alter areas outside the development;
- 2. Ensure that the mining activities and associated infrastructure is adequately fenced to prevent livestock from gaining access to the base station; and,
- 3. Ensure that access roads are kept clear and that construction and operational activities do not interfere with agricultural activities.



REFERENCE

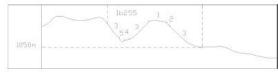
- Department of Agriculture, Forestry and Fisheries, 2016. 2016 Grazing Capacity map of South Africa. Pretoria
- Department of Environmental Sciences, 2018. South African National Land-Cover 2018; Department of Environmental Affairs, Pretoria, South Africa.
- Land Type Survey Staff. 1972 2002. Land types of South Africa:Digital map (1:250 000 scale) and soil inventory datases. ARC-Institute for Soil, Climate and Water, Pretoria.
- Schulze, R.E. 2007. South African Atlas of Climatology and Agrohydrology. Water Research Commission, Pretoria, RSA, WRC Report 1489/1/06.
- W.S.W. Trollope, Lynne A. Trollope & O.J.H. Bosch (1990) Veld and pasture management terminology in southern Africa, Journal of the Grassland Society of Southern Africa, 7:1, 52-61



APPENDIX 1: LANDTYPE

Inventory by / Inventaris deur :		
B H A Schloms		
Modal Profiles / Modale profiele		
None / Geen		
een		
Depth		
limiting		
material		
Diepte- beperkende		
	materiaal	
R		
R,so		
vr		
R		
R		
vr		
R		

Terrain type / Terreintipe : D5
Terrain form sketch / Terreinvormskets



For an explanation of this table consult LAND TYPE INVENTORY (table of contents)

Ter verduideliking van hierdie tabel kyk LANDTIPE - INVENTARIS (inhoudsopgawe)

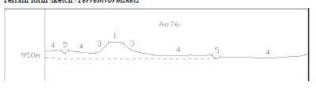
Geology: Mudstone, siltstone and sandstone of the Beaufort Group; Karoo Sequence with dolerite intrusions.

Geologie: Moddersteen, sliksteen en sandsteen van die Groep Beaufort; Opeenvolging Karoo met dolerietintrusies.



LAND TYPE / LANDTIPE	: Ae76	5					O	ccurre	nce (m	aps) a	nd areas / V	oorkon	is (kaarte)	en oppervi	lakte :			Inventory by / Inventaris deur :	
CLIMATE ZONE / KLIMAATSONE 528S					31	3122 Victoria West (2855 ha)					3222 E	Beaufort We	est (42	2624	B H A Schloms & A B Oosthuizer				
Area / Oppervlakte	: 4547	9 ha																Modal Profiles / Modale profiele :	
Estimated area unavailable for agricult	hure																	P1326 P1335	
Beraamde oppervlakte onbeskikbaar v	ir landbou :	60	0 ha															2195 2204	
Terrain unit / Terreineenheid		:		1		3		4		5									
% of land type /% van landtipe		:		3		2		75		20									
Area / Oppervlakte (ha)		:	1	364	91	0	341	109	9	096									
Slope / Helling (%)		:		1 - 3	6 - 1	2	2	-4	1	- 3									
Slope length / Hellingslengte (m)		:	50 -	100	100 - 20	00 100	00 - 30	000	50 -	150									
Slope shape / Hellingsvorm		:		Y		X	2	X-Z		Z								Depth	
MB0, MB1 (ha)		:		0	9	1	255	582	8	641								limiting	
MB2 - MB4 (ha)		:	1	364	81	9	85	527		455								material	
Soil series or land classes	Depth										Total	1	Clay	content %			Texture	Diepte-	
Grondseries of landklasse	Diepte											Totaa	Totaal		inhoud %	oud %		Tekstuur	beperkende
	(mm)	MB:	ha	%	ha	%	ha	%	ha	%	ha	9/6	A	E B	321	Hor	Class / Klas	materiaal	
Rock / Rots		4 :	477	35	228 2	25 1	705	5	455	5	2865	6.3							
Mangano Hu33, Shorrocks Hu36,																			
Maitengwe Hu43, Shigalo Hu46	250-600	1:			91	0 20	465	60	910	10	21466	47.2	6-15	1	0-30	В	fiSaLm-SaClLm	R.ka	
Kirkton Oa23, Letaba Oa26,																			
Allanridge Oa43, Limpopo Oa46	500-1200	0 0 :				1	023	3	5458	60	6481	14.3	6-15	1	0-35	В	fiSaLm-SaClLm	R.ka	
Kanonkop Gs13, Southfield Gs23	150-300		409	30	364 4	10 3	411	10			4184	9.2	6-15				LmfiSa-SaLm	so	
Mispah Ms10, Loskop Ms12,																			
Kalkbank Ms22	100-200	3 :	477	35	228 2	5 3	411	10			4116	9.1	6-15			A	LmfiSa-SaLm	R.ka	
Reveillie Sw10, Uitsicht Sw20	100-350	1:				3	411	10			3411	7.5	6-15	1	5-35	В	fiSaLm-SaClLm	VI	
Zuiderzee Va20, Craven Va21	250-500						682	2	910	10	1592	3.5	10-20		5-40		fiSaClLm-SaCl	VI	
	500-1200+						100	7.7	1364		1364	3.0	6-10	-	1000		fiSa-LmSa	R	

Terrain type / Terreintipe : A2
Terrain form sketch / Terreinvormskets



For an explanation of this table consult LAND TYPE INVENTORY (table of contents)

Ter verduideliking van hierdie tabel kyk LANDTIPE - INVENTARIS (inhoudsopgawe)

Geology: Mudstone, siltstone and sandstone of the Beaufort Group; Karoo Sequence with Quaternary alluvium.

Geologie: Moddersteen, sliksteen en sandsteen van die Groep Beaufort; Opeenvolging Karoo met Kwaternere alluvium.

PROOF OF CORRESPONDENCE WITH ME LUTENDO FROM DEPARTMENT OF AGRICULTURE FORESTRY AND FISHERIES ON 11 DECEMBER 2020



From: Lutendo Netshilema < Lutendo N@Dalrrd.gov.za>

To: Marlene Lingenfelder

Sent: 11 December 2020 10:01 AM

Subject: Read: Beaufort west - 10266 MP DBAR - DAFF

Your message

To:

Subject: Beaufort west - 10266 MP DBAR - DAFF

Sent: Friday, December 11, 2020 10:01:05 AM (UTC+02:00) Harare, Pretoria

was read on Friday, December 11, 2020 10:00:54 AM (UTC+02:00) Harare, Pretoria.

PROOF OF CORRESPONDENCE WITH MR R KHAN FROM DEPARTMENT OF HUMAN SETTLEMENTS WATER AND SANITATION ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:14 AM

To: 'KhanR@dwa.gov.za'; 'achmad.bassier@westerncape.gov.za' **Subject:** Beaufort west - 10266 MP DBAR - Central Karoo DWS

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete Marlene Lingenfelder Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: KhanR@dwa.gov.za

Sent: 11 December 2020 08:11 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - Central Karoo DWS

Your message has been delivered to the following recipients:

KhanR@dwa.gov.za

Subject: Beaufort west - 10266 MP DBAR - Central Karoo DWS





10.

PROOF OF CORRESPONDENCE WITH MR SOLLY FOURIE FROM DEPARTMENT OF ECONOMIC DEVELOPMENT AND TOURISM ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:15 AM **To:** 'ecohead@westerncape.gov.za'

Subject: Beaufort west - 10266 MP DBAR - DEDAT

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From: postmaster@westerncape.gov.za
To: ecohead@westerncape.gov.za
Sent: 11 December 2020 08:12 AM

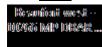
Subject: Delivered: Beaufort west - 10266 MP DBAR - DEDAT

Your message has been delivered to the following recipients:

ecohead@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - DEDAT





11.

PROOF OF CORRESPONDENCE WITH ME ADRI LAMEYER FROM DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING - WESTERN CAPE ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:15 AM

To: 'Adri.LaMeyer@westerncape.gov.za' **Subject:** Beaufort west - 10266 MP DBAR - DEADP

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From: postmaster@westerncape.gov.za
To: Adri.LaMeyer@westerncape.gov.za
Sent: 11 December 2020 08:12 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DEADP

Your message has been delivered to the following recipients:

Adri.LaMeyer@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - DEADP





From: Adri La Meyer <Adri.LaMeyer@westerncape.gov.za>

To: Marlene Lingenfelder

Sent: 11 December 2020 08:14 AM

Subject: Read: Beaufort west - 10266 MP DBAR - DEADP

Your message

To:

Subject: Beaufort west - 10266 MP DBAR - DEADP

Sent: Friday, December 11, 2020 8:13:50 AM (UTC+02:00) Harare, Pretoria

was read on Friday, December 11, 2020 8:13:43 AM (UTC+02:00) Harare, Pretoria.

RESPONSE RECEIVED FROM KESHNI RUGHOOBEER FROM DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING - WESTERN CAPE ON 29 JANUARY 2021



From: Keshni Rughoobeer <Keshni.Rughoobeer@westerncape.gov.za>

Sent: 29 January 2021 04:40 PM

To: Sonette Smit

Cc: Adri La Meyer; Marlene Lingenfelder

Subject: DEA&DP comments: Draft BAR for the proposed Mining Permit on Ptn 4 Waai Kraal

120, Beaufort West

Attachments: DEADP comments_Draft BAR_mining permit_Ptn 4 Waaikraal 120_Beaufort West -

29 Jan 2021 -.pdf

Importance: High

Dear Sonette,

Hope you are well.

Your e-mail below has reference. Thank you for the opportunity to comment.

Please find attached this Department's comments on the Draft BAR for the listed activities associated with the proposed mining permit on Portion 4 Waai Kraal 120, Beaufort West.

Kindly confirm receipt of these comments.

Thanking you,

Regards

Keshni Rughoobeer

Directorate: Development Facilitation

Department of Environmental Affairs and Development Planning

Western Cape Government

Address: 11th Floor, 1 Dorp Street, Cape Town

Tel: 021 483 2606 Fax: 021 483 8311

E-mail: Keshni.Rughoobeer@westerncape.gov.za

Website: www.westerncape.gov.za/eadp

Be 110% Green. Read from the screen.





Department of Environmental Affairs and Development Planning Adri La Meyer

Directorate: Development Facilitation Adri.LaMeyer@westerncape.gov.za | Tel: 021 483 2887

DEPARTMENTAL REFERENCES:

16/3/3/6/4/1/2/C3/2/0191/20 (Development Management)
19/3/2/4/C3/1/DDF078/20 (Pollution and Chemicals Management)
19/2/5/3/C3/1/WL0114/20 (Waste Management)
19/4/4/1/BB1 - Farm Waai Kraal 120, Beaufort West (Air Quality Management)

DATE: 29 January 2021

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

For attention: Ms Sonette Smit

Tel: (021) 851 2673

E-mail: Sonette.s@greenmined.co.za

PER E-MAIL

Dear Madam

COMMENT ON THE DRAFT BASIC ASSESSMENT REPORT FOR LISTED ACTIVITIES ASSOCIATED WITH THE MINING PERMIT ON A PORTION OF PORTION 4 OF THE FARM WAAI KRAAL NO. 120, BEAUFORT WEST (DMRE REF: (WC) 30/5/1/3/2/10266 MP)

The e-mail correspondence of 09 November 2020 containing a Background Information Document ("BID"), the Department's acknowledgement of receipt of the BID sent via e-mail on 10 November 2020, and the e-mail notification of 11 December 2020 regarding the availability of the Draft Basic Assessment Report ("BAR") for comment, refer.

Please find consolidated comment from various directorates within the Department on the Draft BAR and associated Environmental Management Programme ("EMPr") dated December 2020 that was downloaded from the website of the environmental assessment practitioner ("EAP").

- 1. Directorate: Development Management (Region 3) Ms Shireen Pullen (Shireen.Pullen@westerncape.gov.za; Tel: (044) 805 8600):
- 1.1. According to the Draft BAR, two site alternatives were considered, being a portion of Portion 4 of the Farm Waai Kraal No. 120, situated in the magisterial district of Beaufort West (the preferred site alternative), and a greenfield site which was not preferred. The Draft BAR does not contain any information (e.g. property and environmental attributes description) and no further assessment on this site alternative. Please note that the aim of the consideration of alternatives in the environmental impact assessment ("EIA") process is to find the best environmentally practicable environmental option. Also note that the consideration of alternatives is not limited to site alternatives, but may also include, inter alia, layout, design, operational and technology alternatives. The EAP is therefore advised to comparatively assess all the feasible and reasonable alternatives in order to select the best practicable environmental option.
- 1.2. The cumulative impacts that may result from the proposed development, is the cumulative impact on the broad-scale ecological processes, and the impact on existing infrastructure as a direct result of the proposed mining operation. Both these cumulative impacts are regarded as having limited impacts and of low significance. It is however not clear how this significance rating was determined as the preferred site is located within proximity to a Critical Biodiversity Area, and a non-perennial centre line which is identified as an aquatic Ecological Support Area. Although the proposed mining area is not located directly within these sensitive environments, the cumulative impact of the proposed development should be adequately assessed, mitigated and reported on.
- 1.3. It is noted that no Screening Tool Report, Site Sensitivity Verification Report, and Public Participation Plan was attached to the Draft BAR; however, page 131 of the Draft BAR states that the Screening Tool Report identified 13 specialist assessments for inclusion in the assessment report. Section 1(k) of the Draft BAR further lists the EAP's motivation/opinion why some of these specialist inputs are not required. Although this is noted, in terms of the Procedures for the assessment and minimum criteria for reporting on identified environmental themes in terms of sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for environmental authorisation ("the Protocols") published in Government Notice ("GN") No. 320 of 20 March 2020, the involvement of an agricultural specialist or soil scientist is required to provide a compliance statement, even for a low agricultural sensitivity. The agricultural specialist or soil scientist must be registered with the South African Council for Natural Scientific Professions ("SACNASP") in terms of the relevant Protocol. Please ensure all the relevant national protocols are complied with, as it is evident that this is not the case.
- 1.4. The Botanical Study Assessment compiled by Nkurenkuru Ecology and Biodiversity dated 10 November 2020 is noted; however, it is unclear whether the specialist is registered with the SACNASP¹. Please note that any specialist performing work related to any of the fields of practice listed in Schedule I of the Natural Scientific Professions Act, 2003 (Act No. 27 of 2003) must be registered with the SACNASP, in any of the prescribed categories [section 18] and further to this, only a person registered with the SACNASP may practice in a consulting capacity [section 20]. Proof of such registration must be provided to the competent authority.

¹ The legislated regulatory body for natural science practitioners in South Africa.

- 1.5. The EMPr states that "stormwater must be diverted around the topsoil heaps and mining areas to prevent erosion." Due to the proposed mine's proximity to a watercourse, stringent stormwater management actions should also be included in the EMPr for the duration of the life-of-mine to manage erosion control and to prevent siltation of the nearby watercourse. The EMPr should therefore be amended to include specific stormwater management actions, not only for the prevention of erosion of topsoil, but also for the prevention of erosion of the entire mining area. (In this regard, please also refer to paragraph 2.3. below.)
- 2. Directorate: Pollution and Chemicals Management Ms Monique Natus (Monique.Natus@westerncape.gov.za; Tel: (021) 483 6839):
- 2.1. Please provide a more detailed description of what the crusher plant may entail, and the extent of the area required to accommodate it.
- 2.2. The Draft BAR does not specify the maximum depth of the proposed mine/quarry. Please provide an indication thereof as the depth of the quarry would influence the visual impact.
- 2.3. Mining operations and/or excavation activities must be conducted in a manner that prevents the ponding or pooling of water on the surface. The proposal to install stormwater diversion channels around the mining area and topsoil stockpiles is supported. However, adequate measures must be installed to prevent the stormwater channels resulting in significant erosion and removal of topsoil from the surrounding area, and to ensure that on-site activities do not culminate in off-site pollution downslope.
- 2.4. The Draft BAR states that no watercourses occur within 1km of the mining area. However, according to available mapping resources, including Cape Farm Mapper, mapped non-perennial drainage lines do occur within 1km to the south and east of the proposed mining area. No information on these features has been provided, and the assumption has been included that the proposal will have no impact on any water resources. It is recommended that the report is amended to include a description of these watercourses, and that additional investigation and assessment of the potential impact(s) of the proposed activities on these features is provided. Clearer and more specific mitigation measures should be proposed to ensure that the proposed mine does not negatively impact on water resources in the area.
- 2.5. Per the EMPr, all vehicle maintenance or refuelling should be undertaken within the workshop and service area proposed within the mining area. Alternatively, if emergency repairs or refuelling are required, it must be undertaken on an impermeable surface to prevent contamination of soil and groundwater. Vehicles and equipment must be parked and stored on impermeable surfaces or make use of uPVC lining and drip trays when stationary.
- 2.6. The applicant must ensure that no excavation occurs below the level of the water table.
- 2.7. Please note that the use of potable water for dust suppression is not supported.

- 2.8. 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. In the event of a significant accidental spill or leak of hazardous substances (e.g. petrol, diesel, etc.) during any phase of the proposed activities, such an incident(s) must be reported to all relevant authorities, including this Directorate, in accordance with section 30 of NEMA; and not only to the Department of Water and Sanitation, as stated in the report.
- 3. Directorate: Waste Management Ms Hadjira Peck (<u>Hadjira.Peinke@westerncape.gov.za</u>; Tel: (021) 483 3003):
- 3.1. The Draft EMPr should include the requirement that all safe disposal certificates, including hazardous waste and waste from the chemical ablution facilities, should be retained for a minimum period of five years. This requirement is stipulated in regulation 8(1) of the Waste Classification and Management Regulations published in GN No. R. 634 of 23 August 2013: "All waste generators, transporters and managers subjected to the requirements of subregulations (1), (2), (4), (5), (6) and (7) must retain copies, or be able to access copies/records, of the waste manifest documentation for a period of at least five (5) years." Waste registers, as described in the Draft BAR and EMPr, must be made available for review upon request by any relevant authority.
- 3.2. Per paragraph 2.8. above, any event resulting in the spill or leak of hydrocarbons or any other hazardous solvents into the ground and/or water resources, must be reported within the prescribed timeframes to all relevant authorities, including the Directorate: Pollution and Chemicals Management. Containment, clean-up and remediation must commence immediately in the case of NEMA section 30 incidents, and the necessary documentation must be completed and submitted within the prescribed timeframes.
- 3.3. The storage of hazardous and/or general waste in excess of 80m³ and 100m³ respectively, excluding the storage of waste in lagoons or the temporary storage of such waste, would require the applicant to comply with the National Norms and Standards for the Storage of Waste, published in GN No. 926 of 29 November 2013. Although the storage of general and hazardous waste below these mentioned thresholds is not regulated, section 28 of the NEMA, 1998 would apply to ensure that any waste storage does not impact negatively on the environment.
- 4. Directorate: Development Facilitation Mr Ryan Apolles (<u>Ryan.Apolles@westernape.gov.za</u>; Tel: (021) 483 2817):
- 4.1. The Draft BAR indicates that the proposed mining activities are likely to result in the destruction of the kraal structure and any potential associated artefactual material. The Heritage Impact Assessment compiled by ACO Associates cc dated December 2020 notes that an archaeological site visit was not undertaken, and recommended that a walkover survey by a suitably qualified professional archaeologist and a site visit by a suitably qualified palaeontologist would be required prior to the commencement of quarrying activities.
 - 4.1.1. The impacts associated with the destruction of the kraal structure were not included in section 1(vii) of the Draft BAR (positive and negative impacts that the proposed activity and alternatives will have on the environment and the community that may be affected). Please

- amend the Draft BAR accordingly to specifically include the destruction of the kraal structure as a potential negative impact associated with the proposed activity.
- 4.1.2. The location of the kraal structure must be indicated in Appendix C (site activities map).
- 4.1.3. The Draft BAR failed to indicate whether the applicant and EAP considered the retention of the kraal structure in terms of layout alternatives.
- 4.1.4. The EAP is advised that final comment from Heritage Western Cape ("HWC") must be obtained prior to the submission of the Final BAR to the competent authority, as comment from HWC will inform whether the kraal structure may be destroyed or must be retained. Furthermore, the comments from HWC must be included in section 1(n) of the BAR (aspects for inclusion as conditions of the environmental authorisation).
- 4.2. Section 1 (vii), page 103 of the Draft BAR identifies drilling and blasting as a potential negative impact of the proposed activity. Reference is made to potential damage to the power line and potential impact on the shale mining and brickworks infrastructure. No further information regarding the impacts to the mentioned infrastructure is provided, and no avoidance or mitigation measures were provided. The site activities map and the surrounding land use map (Appendix D) also failed to indicate the location of the mentioned infrastructure. Please ensure that further information regarding potential impacts to the infrastructure is provided and reported on.
- 4.3. The Draft BAR indicates that an existing road will be used to access the mining area and to transport material from the proposed mining area; however, the site activities map failed to indicate the location of the existing access road. Please further note that available aerial photography shows existing roads passing the eastern border of the mining area, but none providing direct access.
- 4.4. The Botanical Study Assessment indicates that a field survey was undertaken on 14 November 2020. Whilst the specialist study indicates that the assessment was undertaken in terms of the Protocol for Biodiversity, it is unclear whether the Plant Species Assessment included in the Botanical Study Assessment was compiled in terms of the Terrestrial Plan Species Protocol published in GN No. 1150 of 30 October 2020. Please include a statement from the biodiversity specialist indicating whether the Plant Species Assessment meets the relevant Protocol criteria.
- 5. Directorate: Air Quality Management Mr Deon Stoltz (<u>Deon.Stoltz@westernape.gov.za</u>; Tel: (021) 483 2805):
- 5.1. It is noted that fugitive dust emissions from mining activities and traffic on haul roads will occur during the preparation, operational, and decommissioning phases. It is recommended that:
 - 5.1.1. Dust suppression methods be implemented through a dust monitoring programme / fugitive dust control plan during all three phases of the proposed project; and
 - 5.1.2. All mitigation measures relating to dust emissions be implemented strictly as per the EMPr.
- 5.2. It is noted that noise generated by the proposed activities will have a limited impact. This Directorate thus recommends that:
 - 5.2.1. All noise levels of machinery and work activities within the mining area must be monitored and controlled; and

- 5.2.2. Noise generated from blasting, excavations, crushing, stockpiling activities, loading of material, and the decommissioning/rehabilitation of the mining area must comply with the Western Cape Noise Control Regulations (Provincial Notice 200/2013) of 20 June 2013.
- 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 all enquiries to the officials 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 its comments and request further information based on any new information received.

Yours faithfully

Keshni Digitally signed by Keshni Rughoobeer Pate: 2021.01.29 16:20:29 +02'00'

DD HEAD OF DEPARTMENT

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

RESPONSE SEND TO DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING - WESTERN CAPE ON 17 FEBRUARY 2021



From: Sonette Smit

Sent: 17 February 2021 03:52 PM **To:** Keshni Rughoobeer

Cc: Adri La Meyer; Marlene Lingenfelder

Subject: RE: DEA&DP comments: Draft BAR for the proposed Mining Permit on Ptn 4 Waai

Kraal 120, Beaufort West

Attachments: Waai Kraal Alternative Site_ACO Response Letter_2021-02-17.pdf; Waai Kraal

Alternative Site_ACO Response Letter_2021-02-17.pdf; DEADP Response.pdf;

Appendix S - Agricultural Compliance Statement.pdf

Good day Ms Rughoobeer,

Please find attached our response to your letter dated 29th January 2021.

We thank you for your valued comments it has all been noted and addressed and will be implemented.

All comments received for you as well as our response was incorporated in the Final Basic Assessment Report and will now be submitted to DMRE for their consideration.

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

Kind Regards/Vriendelike Groete

Sonette Smit

Managing Director



Tel: 021 851 2673
Cell: 084 5855706
Fax: 086 546 0579
www.greenmined.com

Unit MO1, No 37 AECI 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"

From: Keshni Rughoobeer [mailto:Keshni.Rughoobeer@westerncape.gov.za]

Sent: Friday, January 29, 2021 4:40 PM

To: Sonette Smit <Sonette.S@greenmined.co.za>

Cc: Adri La Meyer <Adri.LaMeyer@westerncape.gov.za>; Marlene Lingenfelder <admin@greenmined.co.za> **Subject:** DEA&DP comments: Draft BAR for the proposed Mining Permit on Ptn 4 Waai Kraal 120, Beaufort West

Importance: High

Dear Sonette,

Hope you are well.

Your e-mail below has reference. Thank you for the opportunity to comment.

Please find attached this Department's comments on the Draft BAR for the listed activities associated with the proposed mining permit on Portion 4 Waai Kraal 120, Beaufort West.



Reference No: WC 30/5/1/3/2/ 10266 MP

Department of Environmental Affairs and Development Planning

11th Floor.

1 Dorp Street,

Cape Town,

8001

Adri.LaMeyer@westerncape.gov.za

17 February 2021

Attention: Directorate: Development Management (Region 3) Ms Shireen Pullen

Directorate: Pollution and Chemicals Management Ms Monique Natus

Directorate: Waste Management – Ms Hadjira Peck

Directorate: Development Facilitation - Mr Ryan Apolles

Directorate: Air Quality Management - Mr Deon Stoltz

Dear Madams /Sirs

RE: COMMENTS RECEIVED ON THE APPLICATION FOR MINING PERMIT APPLICATION IN TERMS OF SECTION 27 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO 28 OF 2002) AND THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO 107 OF 1998 NEMA) AS WELL AS THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS OF 2014 (AS AMENDED BY GNR 326 EFFECTIVE 7 APRIL 2017) ON A PORTION OF PORTION 4 OF THE FARM WAAI KRAAL NO. 120, BEAUFORT WEST (DMRE REF: (WC) 30/5/1/3/2/10266 MP).

The above matter as well as letter received from you dated 29 January 2021 refers. Please see responses to your comments listed below:

- Directorate: Development Management (Region 3) Ms Shireen Pullen (Shireen.Pullen@westerncape.gov.za; Tel: (044) 805 8600):
- 1.1. According to the Draft BAR, two site alternatives were considered, being a portion of Portion 4 of the Farm Waai Kraal No. 120, situated in the magisterial district of Beaufort West (the preferred site alternative), and a greenfield site which was not preferred. The Draft BAR does not contain any information (e.g. property and environmental attributes description) and no further assessment on this site alternative. Please note that the

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



aim of the consideration of alternatives in the environmental impact assessment ("EIA") process is to find the best environmentally practicable environmental option. Also note that the consideration of alternatives is not limited to site alternatives, but may also include, *inter alia*, layout, design, operational and technology alternatives. The EAP is therefore advised to <u>comparatively assess</u> all the feasible and reasonable alternatives in order to select the best practicable environmental option.

- Comment noted, site alternative 2 has been comparatively assessed throughout the FBAR.
- 1.2. The cumulative impacts that may result from the proposed development, is the cumulative impact on the broad-scale ecological processes, and the impact on existing infrastructure as a direct result of the proposed mining operation. Both these cumulative impacts are regarded as having limited impacts and of low significance. It is however not clear how this significance rating was determined as the preferred site is located within proximity to a Critical Biodiversity Area, and a non-perennial centre line which is identified as an aquatic Ecological Support Area. Although the proposed mining area is not located directly within these sensitive environments, the cumulative impact of the proposed development should be adequately assessed, mitigated and reported on.
- The cumulative impact was determined by the ecologist and also resulted in low significance. As the non-perennial centre line is located over 550m away from the preferred site the cumulative impact of the proposed development should be not have a significant impact if adequately mitigated. Please also refer to Appendix M Botanical Assessment Report.
- As per the report,
 - The proposed development footprint is located outside of any CBA and ESA area as identified by the CapeNature (2017).
 - The closest CBA area is a CBA1 area located approximately 550m to the west of the proposed site and is regarded as an area in natural condition that are required to meet biodiversity targets for species, ecosystems or ecological process and infrastructure. Important features identified within this CBA are:
 - Suitable habitat for Cape Mountain Zebra
 - Watercourse Protection Great Karoo
 - Shale Gass SEA Very High Significance Terrestrial
 - o From a Floristic perspective this development will have no impact on the integrity of this CBA as this



CBA is located within a plateau of a separate ridge/koppie system with its own micro-catchment, and it is highly unlikely that mining activities and their associated impacts will extend into this area due to the natural barrier created between the lower ridge system to be mined and the plateau of the steeper/higher ridge system. Subsequently this proposed development cannot contribute significantly to the integrity of the identified CBA areas.

- o The closest ESA area is the ESA1 associated with the extensive and broad ephemeral wash located approximately 1.06km to the east of the proposed development footprint. ESAs are areas that are not essential for meeting biodiversity targets, but that play an important role in supporting the functioning of CBAs, and are often vital for delivering ecosystem services. This area has been classified as an ESA due to the presence of the fairly extensive ephemeral wash system acting as an important freshwater resource, as well as an important corridor for the movement of faunal and floral species.
- It is unlikely that this proposed development will have an impact on downstream water resources due to the size of the development, distance from the freshwater resource and the relative low slope associated with the area between the mining area and the freshwater resource (±2%). With effective mitigation measures in place, including erosion control, stormwater management, and mine rehabilitation; the natural to near-natural vegetation between the mining area and the ESA1 will be maintained and subsequently the ESA will not be impacted.
- 1.3. It is noted that no Screening Tool Report, Site Sensitivity Verification Report, and Public Participation Plan was attached to the Draft BAR; however, page 131 of the Draft BAR states that the Screening Tool Report identified 13 specialist assessments for inclusion in the assessment report. Section 1(k) of the Draft BAR further lists the EAP's motivation/opinion why some of these specialist inputs are not required. Although this is noted, in terms of the *Procedures for the assessment and minimum criteria for reporting on identified environmental themes in terms of sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for environmental authorisation ("the Protocols") published in Government Notice ("GN") No. 320 of 20 March 2020, the involvement of an agricultural specialist or soil scientist is required to provide a compliance statement, even for a low agricultural sensitivity. The agricultural specialist or soil scientist must be registered with the South African Council for Natural Scientific Professions ("SACNASP") in terms of the relevant Protocol. Please ensure all the relevant national protocols are complied with, as it is evident that this is not the case.*
- Comment noted, these reports has been attached to the FBAR as Appendix P, Q, R
- A compliance statement was obtained and also attached to the FBAR as Appendix S -The desktop study



confirmed that the proposed development site is of a "low" Agricultural sensitivity, as classified by the DEA Screening Tool. The landtypes of the area predict shallow rocky soils. This is further substantiated by satellite images of the survey area. These soils will have a low water holding capacity which will limit crop production and are not deemed suitable for irrigation. The grazing potential of 28 ha/LSU is very low and typical of the area. This is further substantiated by the low rainfall. It is the specialist's opinion that the proposed development site is of a low agricultural sensitivity and that the development at the proposed site will not significantly impact agricultural activities. In terms of agricultural sensitivity, the proposed development should thus be allowed to proceed at the identified site subject to recommendations provided.

- 1.4. The Botanical Study Assessment compiled by Nkurenkuru Ecology and Biodiversity dated 10 November 2020 is noted; however, it is unclear whether the specialist is registered with the SACNASP1. Please note that any specialist performing work related to any of the fields of practice listed in Schedule I of the Natural Scientific Professions Act, 2003 (Act No. 27 of 2003) must be registered with the SACNASP, in any of the prescribed categories [section 18] and further to this, only a person registered with the SACNASP may practice in a consulting capacity [section 20]. Proof of such registration must be provided to the competent authority.
- Mr Botha (Pr.Sci.Nat 400502/14 (Botanical and Ecological Science))has been registered with SACNASP Please refer to Appendix M Botanical Assessment Report Appendix 3 for curriculum vitae, Appendix 4 for relevant work experience and Appendix 5 for SACNASP Registration for the CV and expertise of the specialist.
- 1.5. The EMPr states that "stormwater must be diverted around the topsoil heaps and mining areas to prevent erosion." Due to the proposed mine's proximity to a watercourse, stringent stormwater management actions should also be included in the EMPr for the duration of the life-of-mine to manage erosion control and to prevent siltation of the nearby watercourse. The EMPr should therefore be amended to include specific stormwater management actions, not only for the prevention of erosion of topsoil, but also for the prevention of erosion of the entire mining area. (In this regard, please also refer to paragraph 2.3. below.)
 - Comment noted, this has specific stormwater management actions have been added to the EMPr
- Directorate: Pollution and Chemicals Management Ms Monique Natus (Monique.Natus@westerncape.gov.za; Tel: (021) 483 6839):
- 2.1. Please provide a more detailed description of what the crusher plant may entail, and the extent of the area required to accommodate it.
 - A detailed description has been added to the FBAR in figure 4



- 2.2. The Draft BAR does not specify the maximum depth of the proposed mine/quarry. Please provide an indication thereof as the depth of the guarry would influence the visual impact.
 - The proposed depth of the quarry will be approximately 15m
- 2.3. Mining operations and/or excavation activities must be conducted in a manner that prevents the ponding or pooling of water on the surface. The proposal to install stormwater diversion channels around the mining area and topsoil stockpiles is supported. However, adequate measures must be installed to prevent the stormwater channels resulting in significant erosion and removal of topsoil from the surrounding area, and to ensure that on-site activities do not culminate in off-site pollution downslope.
 - Comment noted, this has specific stormwater management actions have been added to the EMPr
- 2.4. The Draft BAR states that no watercourses occur within 1km of the mining area. However, according to available mapping resources, including Cape Farm Mapper, mapped non-perennial drainage lines do occur within 1km to the south and east of the proposed mining area. No information on these features has been provided, and the assumption has been included that the proposal will have no impact on any water resources. It is recommended that the report is amended to include a description of these watercourses, and that additional investigation and assessment of the potential impact(s) of the proposed activities on these features is provided. Clearer and more specific mitigation measures should be proposed to ensure that the proposed mine does not negatively impact on water resources in the area.
 - Comment noted, the non-perennial drainage lines occur within 550m from the mining area and has been added to the FBAR. Specific mitigation measures were also added in order to ensure that the proposed mine does not negatively impact on water resources in the area.
- 2.5. Per the EMPr, all vehicle maintenance or refueling should be undertaken within the workshop and service area proposed within the mining area. Alternatively, if emergency repairs or refueling are required, it must be undertaken on an impermeable surface to prevent contamination of soil and groundwater. Vehicles and equipment must be parked and stored on impermeable surfaces or make use of uPVC lining and drip trays when stationary.
 - Comment noted this will be implemented and adhered to
- 2.6. The applicant must ensure that no excavation occurs below the level of the water table.
 - Comment noted this will be implemented and adhered to. The estimate water table was confirmed by the



landowner to be between 20 – 40 m

- 2.7. Please note that the use of potable water for dust suppression is not supported.
 - Comment noted this will be implemented and adhered to
- 2.8. 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. In the event of a significant accidental spill or leak of hazardous substances (e.g. petrol, diesel, etc.) during any phase of the proposed activities, such an incident(s) must be reported to all relevant authorities, including this Directorate, in accordance with section 30 of NEMA; and not only to the Department of Water and Sanitation, as stated in the report.
 - Comment noted this will be implemented and adhered to
- Directorate: Waste Management Ms Hadjira Peck (<u>H</u> <u>adjira.Peinke@westerncape.gov.za</u>; Tel: (021) 483 3003):
- 3.1. The Draft EMPr should include the requirement that all safe disposal certificates, including hazardous waste and waste from the chemical ablution facilities, should be retained for a minimum period of five years. This requirement is stipulated in regulation 8(1) of the Waste Classification and Management Regulations published in GN No. R. 634 of 23 August 2013: "All waste generators, transporters and managers subjected to the requirements of subregulations (1), (2), (4), (5), (6) and (7) must retain copies, or be able to access copies/records, of the waste manifest documentation for a period of at least five (5) years." Waste registers, as described in the Draft BAR and EMPr, must be made available for review upon request by any relevant authority.
 - Comment noted this will be implemented and adhered to
- 3.2. Per paragraph 2.8. above, any event resulting in the spill or leak of hydrocarbons or any other hazardous solvents into the ground and/or water resources, must be reported within the prescribed timeframes to all relevant authorities, including the Directorate: Pollution and Chemicals Management. Containment, clean-up and remediation must commence immediately in the case of NEMA section 30 incidents, and the necessary documentation must be completed and submitted within the prescribed timeframes.
 - Comment noted this will be implemented and adhered to
- 3.3. The storage of hazardous and/or general waste in excess of 80m³ and 100m³ respectively, excluding the



storage of waste in lagoons or the temporary storage of such waste, would require the applicant to comply with the National Norms and Standards for the Storage of Waste, published in GN No. 926 of 29 November 2013. Although the storage of general and hazardous waste below these mentioned thresholds is not regulated, section 28 of the NEMA, 1998 would apply to ensure that any waste storage does not impact negatively on the environment.

- Comment noted this will be implemented and adhered to
- 4. Directorate: Development Facilitation Mr Ryan Apolles (R yan.Apolles@westernape.gov.za; Tel: (021) 483 2817):
- 4.1. The Draft BAR indicates that the proposed mining activities are likely to result in the destruction of the kraal structure and any potential associated artefactual material. The Heritage Impact Assessment compiled by ACO Associates cc dated December 2020 notes that an archaeological site visit was not undertaken, and recommended that a walkover survey by a suitably qualified professional archaeologist and a site visit by a suitably qualified palaeontologist would be required prior to the commencement of quarrying activities.
 - 4.1.1. The impacts associated with the destruction of the kraal structure were not included in section 1(vii) of the Draft BAR (positive and negative impacts that the proposed activity and alternatives will have on the environment and the community that may be affected). Please amend the Draft BAR accordingly to specifically include the destruction of the kraal structure as a potential negative impact associated with the proposed activity.
 - Comment noted the destruction of the kraal structure as a potential negative impact was included in the FBAR
 - The comment refers to the absence in the Heritage Impact Assessment (HIA) in the Draft BAR of a field assessment of the site. This has since been addressed with the inclusion of the results of the required survey (which took place on 14 December 2020) in the revised HIA issued by ACO Associates on 23 December 2020.
 - This field assessment found no archaeological sites and only a few pre-colonial artefacts on the site of the proposed quarry. The walkover survey also confirmed the presence of a roughly circular stone-walled kraal in the south-west of the quarry footprint, originally noted on a Google Earth satellite photograph of the site and referred to in the HIA included in the Draft BAR.
 - The kraal consists of a low wall of dolerite cobbles from the immediate surrounds that have been piled rather



than laid in courses. The age of the kraal is unknown but its shape and structure suggests that it is historical and is likely to be no more than perhaps 150 years old, rather than pre-colonial as these were constructed according to a different pattern. The kraal is also not associated with any cultural material to indicate that people in the past lived nearby, which might have made the site of greater interest. The site was assigned a grade of 3C in the HIA and is of relatively low, local heritage significance.

- The HIA notes that the quarrying of the proposed mining area is likely to result in the destruction of the kraal structure.
 - 4.1.2. The location of the kraal structure must be indicated in Appendix C (site activities map).
- Comment noted the kraal structure was added to the site activities map
 - 4.1.3. The Draft BAR failed to indicate whether the applicant and EAP considered the retention of the kraal structure in terms of layout alternatives.
- This option was assessed as part of site alternative 2
- An alternative layout for the quarry, which avoids the kraal and preserves it on its southern boundary, has been proposed in the Final BAR.
- From a heritage perspective this alternative quarry layout is less preferred because although the original quarry layout will mean the loss of the kraal, the alternative layout will open the face of the quarry to the N1 and there will be a marked visual impact on the cultural landscape and sense of place of the area surrounding the quarry that will result from its visibility from the N1.
- It is the view of the archaeologist that the visual impact of the alternative quarry layout is likely to outweigh the relatively minor loss to the heritage record that will result from the destruction of the kraal. Provided the mitigation proposed in the HIA is implemented (i.e. kraal is photographically recorded and its position accurately mapped) it remains our assessment that the loss of the kraal to the proposed quarrying is tolerable, particularly when assessed against the alternative quarry layout which would likely have a far more marked heritage-related impact.
 - 4.1.4. The EAP is advised that final comment from Heritage Western Cape ("HWC") must be obtained prior to the submission of the Final BAR to the competent authority, as comment from HWC will inform whether the kraal structure may be destroyed or must be retained. Furthermore, the comments from HWC must be included in section 1(n) of the BAR (aspects for inclusion as conditions of the



environmental authorisation).

- Comment was requested form HWC but not yet received by the printing of this document, as soon as comments are received it will be forwarded to DMRE
- 4.2. Section 1(vii), page 103 of the Draft BAR identifies drilling and blasting as a potential negative impact of the proposed activity. Reference is made to potential damage to the power line and potential impact on the shale mining and brickworks infrastructure. No further information regarding the impacts to the mentioned infrastructure is provided, and no avoidance or mitigation measures were provided. The site activities map and the surrounding land use map (Appendix D) also failed to indicate the location of the mentioned infrastructure. Please ensure that further information regarding potential impacts to the infrastructure is provided and reported on.
 - This was an error and been removed from the FBAR
- 4.3. The Draft BAR indicates that an existing road will be used to access the mining area and to transport material from the proposed mining area; however, the site activities map failed to indicate the location of the existing access road. Please further note that available aerial photography shows existing roads passing the eastern border of the mining area, but none providing direct access.
 - An aerial photograph has been added to indicate existing roads to the site.
- 4.4. The Botanical Study Assessment indicates that a field survey was undertaken on 14 November 2020. Whilst the specialist study indicates that the assessment was undertaken in terms of the Protocol for Biodiversity, it is unclear whether the Plant Species Assessment included in the Botanical Study Assessment was compiled in terms of the Terrestrial Plan Species Protocol published in GN No. 1150 of 30 October 2020. Please include a statement from the biodiversity specialist indicating whether the Plant Species Assessment meets the relevant Protocol criteria.
 - As per Botanical Assessment Report Appendix M This study has been executed in accordance with and meet the responsibilities in terms of:
 - NEMA, the Environmental Impact Assessment Regulations, 2014 (specifically in terms of regulation 13 of GN No. R. 326);
 - The "newly" Gazetted Protocols 3(a),(c) and (d) in terms of Section 24(5)(a) and 24(5)(h) of NEMA
 (Published on the 20th of March 2020); The Terrestrial Plant Species Protocol published in GN NO.



1105 of 30 October 2020;

- 5. Directorate: Air Quality Management Mr Deon Stoltz (<u>D</u> <u>eon.Stoltz@westernape.gov.za</u>; Tel: (021) 483 2805):
- 5.1. It is noted that fugitive dust emissions from mining activities and traffic on haul roads will occur during the preparation, operational, and decommissioning phases. It is recommended that:
 - 5.1.1. Dust suppression methods be implemented through a dust monitoring programme / fugitive dust control plan during all three phases of the proposed project; and
 - Comment noted this will be implemented and adhered to
 - 5.1.2. All mitigation measures relating to dust emissions be implemented strictly as per the EMPr.
 - Comment noted this will be implemented and adhered to
- 5.2. It is noted that noise generated by the proposed activities will have a limited impact. This Directorate thus recommends that:
 - 5.2.1. All noise levels of machinery and work activities within the mining area must be monitored and controlled;
 - Comment noted this will be implemented and adhered to
 - 5.2.2. and Noise generated from blasting, excavations, crushing, stockpiling activities, loading of material, and the decommissioning/rehabilitation of the mining area must comply with the Western Cape Noise Control Regulations (Provincial Notice 200/2013) of 20 June 2013.
 - Comment noted this will be implemented and adhered to
- 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."
 - Comment noted this will be implemented and adhered to



All comments received for you as well as our response will be incorporated in the Final Basic Assessment Report to be submitted to DMRE for their consideration.

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

Kind Regards,

Sonette Smit

Greenmined Environmental

Sonette.s@greenmined.co.za

FINAL RESPONSE RECEIVED FROM DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING - WESTERN CAPE ON 17 FEBRUARY 2021



From: Adri La Meyer <Adri.LaMeyer@westerncape.gov.za>

Sent: 17 February 2021 04:47 PM **To:** Sonette Smit; Keshni Rughoobeer

Cc: Marlene Lingenfelder

Subject: RE: DEA&DP comments: Draft BAR for the proposed Mining Permit on Ptn 4 Waai

Kraal 120, Beaufort West

Hi Sonette,

Many thanks for the updated responses! No further comments from our side.

Baie dankie en groete

Adri

From: Sonette Smit <Sonette.S@greenmined.co.za>

Sent: Wednesday, February 17, 2021 16:44

To: Adri La Meyer <Adri.LaMeyer@westerncape.gov.za>; Keshni Rughoobeer

<Keshni.Rughoobeer@westerncape.gov.za>

Cc: Marlene Lingenfelder <admin@greenmined.co.za>

Subject: RE: DEA&DP comments: Draft BAR for the proposed Mining Permit on Ptn 4 Waai Kraal 120, Beaufort West

Hi Adri,

It was indeed an oversight on my side, it was answered in the FBAR but I left it out in your response, apologies.

I have attached the updated responses for you reference.

Thanks again,

Kind Regards/Vriendelike Groete
Sonette Smit
Managing Director



Tel: 021 851 2673
Cell: 084 5855706
Fax: 086 546 0579
www.greenmined.com
Unit MO1, No 37 AECI 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"

From: Adri La Meyer [mailto:Adri.LaMeyer@westerncape.gov.za]

Sent: Wednesday, February 17, 2021 4:24 PM

To: Sonette Smit <Sonette.S@greenmined.co.za>; Keshni Rughoobeer <Keshni.Rughoobeer@westerncape.gov.za>

Cc: Marlene Lingenfelder <admin@greenmined.co.za>

Subject: RE: DEA&DP comments: Draft BAR for the proposed Mining Permit on Ptn 4 Waai Kraal 120, Beaufort West

PROOF OF CORRESPONDENCE WITH ME DANIE SWANEPOEL FROM DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING - GEORGE ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:16 AM

To: 'Danie.Swanepoel@westerncape.gov.za'

Subject: Beaufort west - 10266 MP DBAR - DEADP George

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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

From:postmaster@westerncape.gov.zaTo:Danie.Swanepoel@westerncape.gov.za

Sent: 11 December 2020 08:13 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DEADP George

Your message has been delivered to the following recipients:

Danie.Swanepoel@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - DEADP George





From: Colin Fordham <cfordham@capenature.co.za>

To: Marlene Lingenfelder

Sent: 11 December 2020 08:30 AM

Subject: Read: Beaufort west - 10266 MP DBAR - Cape Nature - George

Your message

To:

Subject: Beaufort west - 10266 MP DBAR - Cape Nature - George

Sent: Friday, December 11, 2020 8:30:29 AM (UTC+02:00) Harare, Pretoria

was read on Friday, December 11, 2020 8:30:17 AM (UTC+02:00) Harare, Pretoria.

PROOF OF CORRESPONDENCE WITH DR ROBERT MACDONALD FROM DEPARTMENT OF SOCIAL DEVELOPMENT ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:17 AM

To: 'Robert.Macdonald@westerncape.gov.za' **Subject:** FW: Beaufort west - 10266 MP DBAR - DOS

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From: postmaster@westerncape.gov.za

To: Robert.Macdonald@westerncape.gov.za

Sent: 11 December 2020 08:14 AM

Subject: Delivered: FW: Beaufort west - 10266 MP DBAR - DOS

Your message has been delivered to the following recipients:

Robert.Macdonald@westerncape.gov.za

Subject: FW: Beaufort west - 10266 MP DBAR - DOS





PROOF OF CORRESPONDENCE MS CAROL BENADIE FROM DEPARTMENT OF SOCIAL DEVELOPMENT – BEAUFORT WEST ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:17 AM

To: 'carol.benadie@westerncape.gov.za' **Subject:** Beaufort west - 10266 MP DBAR - DOS BW

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From: postmaster@westerncape.gov.za
To: carol.benadie@westerncape.gov.za
Sent: 11 December 2020 08:14 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DOS BW

Your message has been delivered to the following recipients:

carol.benadie@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - DOS BW





PROOF OF CORRESPONDENCE WITH ME GRACE SWANEPOEL FROM DEPARTMENT OF TRANSPORT AND PUBLIC WORKS ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:18 AM

To: 'Jacqui.Gooch@westerncape.gov.za'; 'johannes.pienaar@westerncape.gov.za';

'grace.swanepoel@westerncape.gov.za'

Subject: Beaufort west - 10266 MP DBAR - DTPW

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete

Marlene Lingenfelder

Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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"



From:postmaster@westerncape.gov.zaTo:johannes.pienaar@westerncape.gov.za

Sent: 11 December 2020 08:15 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DTPW

Your message has been delivered to the following recipients:

johannes.pienaar@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - DTPW





From:postmaster@westerncape.gov.zaTo:grace.swanepoel@westerncape.gov.za

Sent: 11 December 2020 08:15 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DTPW

Your message has been delivered to the following recipients:

grace.swanepoel@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - DTPW





From:postmaster@westerncape.gov.zaTo:Jacqui.Gooch@westerncape.gov.zaSent:11 December 2020 08:15 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DTPW

Your message has been delivered to the following recipients:

Jacqui.Gooch@westerncape.gov.za

Subject: Beaufort west - 10266 MP DBAR - DTPW





From: Grace Swanepoel < Grace. Swanepoel@westerncape.gov.za>

To: Marlene Lingenfelder

Sent: 17 December 2020 08:52 AM

Subject: Read: Beaufort west - 10266 MP DBAR - DTPW

Your message

To:

Subject: Beaufort west - 10266 MP DBAR - DTPW

Sent: Thursday, December 17, 2020 8:51:51 AM (UTC+02:00) Harare, Pretoria

was read on Thursday, December 17, 2020 8:51:42 AM (UTC+02:00) Harare, Pretoria.

PROOF OF CORRESPONDENCE WITH ME CANDICE VAN HEERDEN FROM DEPARTMENT OF LABOUR ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:19 AM

To: 'Candice.VanReenen@labour.gov.za'; 'Fezeka.Ngalo@LABOUR.gov.za'

Subject: Beaufort west - 10266 MP DBAR - DOL

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System < Mailer-Daemon@smtpcorp.com>

To: Candice.VanReenen@labour.gov.za; Fezeka.Ngalo@LABOUR.gov.za

Sent: 11 December 2020 08:16 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DOL

Your message has been delivered to the following recipients:

Candice.VanReenen@labour.gov.za

Fezeka.Ngalo@LABOUR.gov.za

Subject: Beaufort west - 10266 MP DBAR - DOL





PROOF OF CORRESPONDENCE WITH ME JUANITA FORTUIN FROM DEPARTMENT OF RURAL DEVELOPMENT AND LAND REFORM ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:16 AM

To: juanita.fortuin@drdlr.gov.za; oratile.soldaat@drdlr.gov.za;

anele.masiza@drdlr.gov.za.

Subject: Beaufort west - 10266 MP DBAR - DRDLR

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete

Marlene Lingenfelder

Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com> **To:** juanita.fortuin@drdlr.gov.za; oratile.soldaat@drdlr.gov.za

Sent: 11 December 2020 08:17 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - DRDLR

Your message has been delivered to the following recipients:

juanita.fortuin@drdlr.gov.za

oratile.soldaat@drdlr.gov.za

Subject: Beaufort west - 10266 MP DBAR - DRDLR





PROOF OF CORRESPONDENCE WITH ME PAULITA WHON FROM TRANSNET ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:20 AM
To: 'Paulita.Whon@transnet.net'

Subject: Beaufort west - 10266 MP DBAR - Transnet

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: Paulita.Whon@transnet.net
Sent: 11 December 2020 08:17 AM

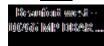
Subject: Delivered: Beaufort west - 10266 MP DBAR - Transnet

Your message has been delivered to the following recipients:

Paulita.Whon@transnet.net

Subject: Beaufort west - 10266 MP DBAR - Transnet





PROOF OF CORRESPONDENCE WITH MS NICOLE ABRAHAMS FROM SANRAL ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:21 AM
To: 'Abrahamsn@nra.co.za'

Subject: Beaufort west - 10266 MP DBAR - Sanral

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: Abrahamsn@nra.co.za
Sent: 11 December 2020 08:18 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - Sanral

Your message has been delivered to the following recipients:

Abrahamsn@nra.co.za

Subject: Beaufort west - 10266 MP DBAR - Sanral





PROOF OF CORRESPONDENCE WITH MR JANNIE VAN STADEN FROM BREEDE-GOURITZ CATHEMENT MANAGEMENT AGENCY ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:22 AM

To: 'fsmith@bgcma.co.za'; 'jstaden@bgcma.co.za' **Subject:** Beaufort west - 10266 MP DBAR - BGCMA

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



postmaster@bgcma.co.za From: To: jstaden@bgcma.co.za Sent: 11 December 2020 08:19 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - BGCMA

Your message has been delivered to the following recipients:

jstaden@bgcma.co.za

Subject: Beaufort west - 10266 MP DBAR - BGCMA





From: postmaster@bgcma.co.za
To: postmaster@bgcma.co.za

Sent: 11 December 2020 08:19 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - BGCMA

Your message has been delivered to the following recipients:

fsmith@bgcma.co.za

Subject: Beaufort west - 10266 MP DBAR - BGCMA





From: Fabion Smith <fsmith@bgcma.co.za>

Sent: 11 December 2020 10:34 AM **To:** Noncedo Lesele; Andiswa Sam

Cc: Rudzani Makahane; Marlene Lingenfelder
Subject: FW: Beaufort west - 10266 MP DBAR - BGCMA

Attachments: Notice DBAR.pdf

Good day George team,

FYA,

Regards,

Fabion Smith



Tel +27 (0)23 346 8000 | Fax +27 (0)23 347 2012 | Email: FSmith@bgcma.co.za

Private Bag X3055, Worcester, 6850

Crnr of Mountain Mill & East Lake Road, Worcester, 6850

From: Marlene Lingenfelder <admin@greenmined.co.za>

Sent: 11 December 2020 08:18 AM

To: Fabion Smith <fsmith@bgcma.co.za>; Jan van Staden <jstaden@bgcma.co.za>

Subject: Beaufort west - 10266 MP DBAR - BGCMA

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete

Marlene Lingenfelder

Project Administrator

PROOF OF UPLOAD ONTO THE SAHRIS WEBSITE OF THE SOUTH AFRICAN HERITAGE RESOURCE AGENCY ON 15 DECEMBER 2020



NOTIFICATION OF OWNERS AND NEIGHBOURS

No	Name	Interest
22	Mr Gideon Viviers – Land Owner	Waai Kraal No 120
23	Me Esme Koster	Werner Koster Trust
24	Mr Boel Smuts	Tamarisk Trust
25	Mr Micheal Anstey	Courlandskloof
26	Mr Rhalf Koster (Tenant)	Courlandskloof
27	Mr Wallie Nigrini	Renosterkop
28	Mr Sias Reynolds	Avondale & The Meadows
29	Mr Colin de Villiers	Badshoek



PROOF OF CORRESPONDENCE WITH MR GIDEON VIVIERS (LAND OWNER) FROM WAAI KRAAL NO 120 ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:22 AM **To:** 'gideonvivier@gmail.com'

Subject: Beaufort west - 10266 MP DBAR - Gideon Viviers

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To:gideonvivier@gmail.comSent:11 December 2020 08:19 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - Gideon Viviers

Your message has been delivered to the following recipients:

gideonvivier@gmail.com

Subject: Beaufort west - 10266 MP DBAR - Gideon Viviers





PROOF OF CORRESPONDENCE WITH ME ESME KOSTER FROM WERNER KOSTER TRUST ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:23 AM **To:** 'esme.koster@gmail.com'

Subject: Beaufort west - 10266 MP DBAR - Werner Koster Trust

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete Marlene Lingenfelder Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

Unit MO1, No 36 AECI 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

From: Mail Delivery System < Mailer-Daemon@smtpcorp.com>

To: esme.koster@gmail.com
Sent: 11 December 2020 08:20 AM

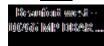
Subject: Delivered: Beaufort west - 10266 MP DBAR - Werner Koster Trust

Your message has been delivered to the following recipients:

esme.koster@gmail.com

Subject: Beaufort west - 10266 MP DBAR - Werner Koster Trust





PROOF OF CORRESPONDENCE WITH MR BOEL SMUTS FROM TAMARISK TRUSTON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:24 AM

To: 'admin@landmarkfoundation.org.za'

Subject: Beaufort west - 10266 MP DBAR - Tamarisk Trust

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <MAILER-DAEMON@hostserv.co.za>

To: admin@landmarkfoundation.org.za
Sent: 11 December 2020 08:21 AM

Subject: Relayed: Beaufort west - 10266 MP DBAR - Tamarisk Trust

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

admin@landmarkfoundation.org.za

Subject: Beaufort west - 10266 MP DBAR - Tamarisk Trust





From: Vicki Notley <admin@landmarkfoundation.org.za>

To: Marlene Lingenfelder

Sent: 11 December 2020 08:48 AM

Subject: Read: Beaufort west - 10266 MP DBAR - Tamarisk Trust

Your message

To:

Subject: Read: Beaufort west - 10266 MP DBAR - Tamarisk Trust Sent: 11 December 2020 08:48:20 AM (UTC+02:00) Harare, Pretoria

was read on 11 December 2020 08:47:40 AM (UTC+02:00) Harare, Pretoria.

PROOF OF CORRESPONDENCE WITH MR MICHEAL ANSTEY FROM COURLANDSKLOOF ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:24 AM

To: 'karoolovers@gmail.com'; 'rkoster@mweb.co.za' **Subject:** Beaufort west - 10266 MP DBAR - Courlandskloof

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System < Mailer-Daemon@smtpcorp.com>

To: karoolovers@gmail.com; rkoster@mweb.co.za

Sent: 11 December 2020 08:21 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - Courlandskloof

Your message has been delivered to the following recipients:

karoolovers@gmail.com

rkoster@mweb.co.za

Subject: Beaufort west - 10266 MP DBAR - Courlandskloof





PROOF OF CORRESPONDENCE WITH MR RHALF KOSTER (TENANT) FROM COURLANDSKLOOF ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:24 AM

To: 'karoolovers@gmail.com'; 'rkoster@mweb.co.za' **Subject:** Beaufort west - 10266 MP DBAR - Courlandskloof

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To: karoolovers@gmail.com; rkoster@mweb.co.za

Sent: 11 December 2020 08:21 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - Courlandskloof

Your message has been delivered to the following recipients:

karoolovers@gmail.com

rkoster@mweb.co.za

Subject: Beaufort west - 10266 MP DBAR - Courlandskloof





27.

PROOF OF CORRESPONDENCE WITH MR WALLIE NIGRINI FROM RENOSTERKOP ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:25 AM

To: 'seviliano@vodamail.co.za'

Subject: Beaufort west - 10266 MP DBAR - Renosterkop

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



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Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <MAILER-DAEMON@vodamail.co.za>

To: seviliano@vodamail.co.za

Sent: 11 December 2020 08:22 AM

Subject: Expanded: Beaufort west - 10266 MP DBAR - Renosterkop

Your message has been delivered to the following groups:

seviliano@vodamail.co.za

Subject: Beaufort west - 10266 MP DBAR - Renosterkop



28.

PROOF OF CORRESPONDENCE WITH MR SIAS REYNOLDS FROM AVONDALE & THE MEADOWS ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:26 AM **To:** 'siasreynolds@yahoo.com'

Subject: Beaufort west - 10266 MP DBAR - Avondale

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <Mailer-Daemon@smtpcorp.com>

To:siasreynolds@yahoo.comSent:11 December 2020 08:23 AM

Subject: Delivered: Beaufort west - 10266 MP DBAR - Avondale

Your message has been delivered to the following recipients:

siasreynolds@yahoo.com

Subject: Beaufort west - 10266 MP DBAR - Avondale



Besantionii weesi — 1907tii kale lokseks... **29**.

PROOF OF CORRESPONDENCE WITH MR COLIN DE VILLIERS FROM BADSHOEK ON 11 DECEMBER 2020



From: Marlene Lingenfelder

Sent: 11 December 2020 08:27 AM
To: 'colin@beaufortwest.net'

Subject: Beaufort west - 10266 MP DBAR - Badshoek

Attachments: Notice DBAR.pdf

Dear Sir/Madam

The Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) for the proposed Mining Permit for the mining of aggregate, 4.9 ha, on a portion of Portion 4 of the farm Waai Kraal No 120 situated in the Beaufort West magisterial district of the Western Cape Province is now available for your review.

Kind Regards/Vriendelike Groete
Marlene Lingenfelder
Project Administrator



Tel: 021 851 2673 Cell: 067 417 2654 Fax: 086 546 0579 www.greenmined.com

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

Suite 62, Private Bag x15 Somerset West, 7129



From: Mail Delivery System <MAILER-DAEMON@mail.beaufortwest.de>

To: colin@beaufortwest.net
Sent: 11 December 2020 08:24 AM

Subject: Relayed: Beaufort west - 10266 MP DBAR - Badshoek

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

colin@beaufortwest.net

Subject: Beaufort west - 10266 MP DBAR - Badshoek





