



# mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

DMR 10

Private Bag X33, Welkom, 9460, Tel: 057 391 1323, Fax: 057 357 6003  
The Strip Building, 314 Stateway Street, Welkom, 9459

**Enquiries:** Ms. T.J. Makhokha Ref: FS 30/5/1/1/3/2/1 (10541) EM  
**E-Mail Address:** [Tshifhiwa.Makhokha@dmr.gov.za](mailto:Tshifhiwa.Makhokha@dmr.gov.za)  
**Sub-Directorate:** Mine Environmental Management

**BY REGISTERED MAIL**

The Directors  
Lengana Health SA (Pty) Ltd  
Private Bag X3706  
Parktown  
Johannesburg  
1939

Attention: Mr. J. Mokgohlwa

Email Address: [jpm@semane.co.za](mailto:jpm@semane.co.za)



**ENVIRONMENTAL AUTHORISATION ISSUED IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (NEMA) AS AMENDED, AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 FOR PROSPECTING AND ASSOCIATED ACTIVITIES IN RESPECT OF VARIOUS PROPERTIES (SEE ATTACHED ANNEXURE "A"), SITUATED IN THE MAGISTERIAL DISTRICT OF KOPPIES IN THE FREE STATE REGION.**

With reference to the abovementioned application, please be advised that the Department has decided to **grant** an environmental authorisation in terms of the National Environmental Management Act, 1998 (Act 107 of 1998). The environmental authorisation and reasons for the decision are attached herewith.

In terms of section 4(2) of the Environmental Impact Assessment Regulations of 2014, you are instructed to notify all registered interested and affected parties, in writing within 14 (Fourteen) calendar days, from the date of the Department's decision in respect of your application and the relevant provisions regarding the lodgement of an appeal must be provided for in terms of the National Appeal Regulations of 2014.

Should you wish to appeal any aspect of the decision, you must submit the appeal to the Minister of Environmental Affairs and a copy of such appeal to the Department of Mineral Resources (Free State Regional Office), within 20 days from the date of notification, and such appeal must be lodged as prescribed in chapter 2 of the National Appeal Regulations of 2014, by means of the methods as prescribed below:

**Appeal must be submitted in writing to the Department of Environmental Affairs**

Attention : Adv. M. Rakgogo, Acting Director: Appeals and legal Review  
Email : [appeals@environment.gov.za](mailto:appeals@environment.gov.za)  
Tel : (012) 399 9626  
By post : Private Bag X447, Pretoria, 0001  
By hand : Environmental House, (473 Steve Biko) Corner Steve Biko and  
Soutpansberg Street, Arcadia, Pretoria, 0083

**Copy of the lodged appeal to the Department of Mineral Resources**

Attention : Acting Regional Manager: Free State Region  
By facsimile : 057 357 6003  
E-mail : [Mamokete.Mpatane@dmr.gov.za](mailto:Mamokete.Mpatane@dmr.gov.za)  
By post : Private Bag X33, Welkom, 9460  
By hand : The Strip Building, 314 Stateway Street, Welkom, 9459

Should you decide to appeal, you must comply with the National Appeal Regulation of 2014 in relation to notification of all registered interested and affected parties, and a copy of the official appeal form can be obtained from the Department of Environmental Affairs.

Yours Faithfully



K. KEWUTI  
ACTING REGIONAL MANAGER: MINERAL REGULATION  
FREE STATE REGION  
DATE: 10/12/2019

FILE REFERENCE NUMBER: FS 30/5/1/1/2/10541

1. A Portion of the farm Felix 318
2. A Portion of the farm Goedgunst 315
3. A Portion of the farm Ventersbloem 163
4. A Portion of the farm Oceaan 64
5. The farm Oceaan 99
6. A Portion of the Remaining Extent, a Portion of Portion 1 and a Portion 7 of the farm Enkelbosch 31
7. A Portion of the farm Geluk 237
8. A Portion of the farm Verdeel 278
9. A Portion of the Goudlaagte 238
10. A Portion of the farm Ongegund 7
- 11 A Portion of the Remaining Extent of the farm Blaauwboschpoort 13



TF MASHAKGOMO

ACTING REGIONAL MANAGER: MINERAL REGULATION

FREE STATE REGION

DATE 20/02/2019

DEPARTMENT OF MINERAL RESOURCES
MINE ENVIRONMENTAL MANAGEMENT PRIVATE BAG X33 WELKOM 9459 TEL: 057 391 1300
10 DEC 2019
ENVIRONMENTAL AUTHORISATION GRANTED NEMA, 1998 (ACT 107 OF 1998) AS AMENDED
REGIONAL MANAGER: FREE STATE REGION





# mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

DMR 10

Private Bag X33, Welkom, 9460, Tel: 057 391 1356, Fax: 057 357 6003  
The Strip Building, 314 Stateway Street, Welkom, 9459

## GRANTED ENVIRONMENTAL AUTHORISATION

Reference number: FS 30/5/1/1/3/2/1 (10541) EM  
Last amended: First Issue  
Holder of Authorisation: Lengana Health SA (Pty) Ltd  
Location of activity: On various properties (see attached annexure "A"), in the Magisterial District of Koppies.

### DECISION

#### ACRONYMS

- NEMA : The National Environmental Management Act, 1998 (Act 107 of 1998), as amended.
- DEPARTMENT : Department of Mineral Resources.
- EA : Environmental Authorisation.
- IEA : Integrated Environmental Authorisation.
- EMPr : Environmental Management Programme.
- BAR : Basic Assessment Report.
- S&EIR : Scoping and Environmental Impact Report.
- I&AP : Interested and Affected Parties.
- ECO : Environmental Control Officer.
- SAHRA : South African Heritage Resources Agency.
- EIA REGULATIONS: EIA Regulations, 2014 as amended.
- MPRDA : Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), as amended.
- NEM: WA : National Environmental Management: Waste Act, 2008 (Act 59 of 2008), as amended.
- NWA : National Water Act, 1998 (Act 36 of 1998) as amended.
- EIA : Environmental Impact Assessment.
- FINANCIAL PROVISIONING REGULATIONS: The National Environmental Management Act, 1998 (Act 107 of 1998), Regulations Pertaining to the Financial Provision for prospecting, Exploration, mining or Production operations



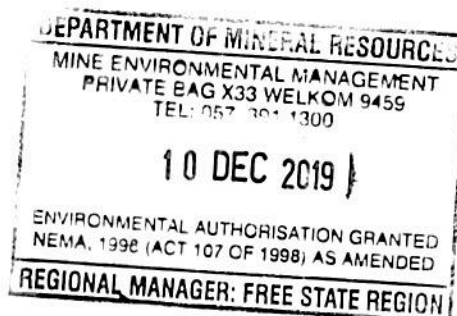
The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this environmental authorisation, that the applicant should be authorised to undertake NEMA EIA listed activity specified below. Details regarding the basis on which the Department reached this granting decision are set out in Annexure "1" and "2" of this environmental authorisation.

## ACTIVITY APPLIED FOR

By virtue of the powers conferred on it by NEMA, the Department hereby **Grants** an EA to **Lengana Health SA (Pty) Ltd** with the following contact details –

**The Directors**  
**Lengana Health SA (Pty) Ltd**  
Private Bag X3706  
Parktown  
Johannesburg  
1939

**Contact person:** Mr. J. Mokgohlwa  
**Tel:** 083 566 7272



to undertake the following activity listed in the EIA Regulations.

### NEMA: LISTED ACTIVITIES:

Listed in the EIA Regulations GNR 327 of 2017 as amended as:-

**Activity 20-** "Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including-

(a) associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource; or

(b) the primary processing of a mineral resource including winning, extraction, classifying, concentrating, crushing, screening or washing; but excluding the secondary processing of a mineral resource, including the smelting, beneficiation, reduction, refining, calcining or gasification of the mineral resource in which case activity 6 in Listing Notice 2 applies".

**Detailed specifications of the activity are as follows:**

**Proposed prospecting activities details are as follows:**

Area under application- 2 195 ha

The Proposed project will include prospecting and drilling programs which triggers a listed activity in terms of the Environmental Impact Assessment (EIA) Regulations. This will involve backfill and re-vegetation of all affected areas following the correct legislation, closing all holes created as a result of drilling will be backfilled and closed off, returned into their natural state as closely as possible.

**The proposed activities will include:**

**Non-invasive prospecting which will consist of:**



- Geophysical survey (thermal raster surveys) and surface sampling techniques will be used as well as geological mapping.
- Data will be extracted and plotted into geological maps
- Areas of invasive prospecting will be identified for resource determination.

**Invasive Prospecting will entail:**

- Core drilling will then be targeted for area identified through non-invasive techniques described above for reserve determination and mine planning;
- Each exploration site will disturb a minimum area of 800m<sup>2</sup>, however the number of boreholes required can only be finalized once the non-invasive prospecting as detailed above completed;
- At present 08 boreholes will be drilled and will reach 40m deep;
- Existing farm roads and tracks will be utilized as far as possible;
- The drilling crew and Lengana Health will bring their own water on site which will be mostly for consumption and domestic use; and
- No water from the farms will be used or required.

Property name	21 digit Surveyor General Code
The farm Felix 318	F01900000000031800000
The farm Goedgunst 315	F01900000000031500000
The farm Kronenbloem 57	F01900000000005100000
The farm Ventersbloem 163	F01900000000016300000
The farm Oceans 64	F01900000000006400000
The farm Oceans 99	F01900000000030400001
A portion of the remaining extent, a portion of portion 1 and portion 7 of the farm Enkelbosch 31	F01900000000030400002 (Ptn 1)
	F01900000000030400001 (portion2)
	F01900000000030400000 (RE)
The farm Geluk 237	F01900000000003100009
A portion of the farm Verdeel 278	F01900000000005400000
A portion of the farm Goudlaagte 238	F01900000000023700000
A portion of the farm Ongegund 7	F01900000000023800000
A portion of the remaining Extent of the farm Blaauboschpoort 13	F0190000000000700000
	F01900000000001300000

The granting of this EA is subject to the conditions set out below (site specific) and in **Annexure 2** (Departmental standard conditions). The EMPr attached as part of reports for the above development submitted as part of the application for an EA is hereby approved and must be adhered to throughout the life cycle of the mining operation.



## EA SITE SPECIFIC CONDITIONS

1. Land owners and occupiers must be re-consulted at least 1 month prior to any site activities being undertaken once drill sites have been identified.
2. Maintain a minimum of 500m buffer from any infrastructure or dwelling i.e the Eskom and Telkom power lines crossing via the farm as well as the farm houses if available on site
3. The existing access road must be utilised, establishment of new access roads is not permitted.
4. Once the core drilling sites are determined, the sites must be inspected by a heritage specialist.
5. Indigenous animals and birds that are found in the area must not be harmed and must be protected as far as it is practicable.
6. Recommendations from all specialist reports must be adhered to.
7. Recommendations from other state departments must be adhered to.
8. Mitigation measure stipulated in the submitted revised BAR and EMP must be implemented.
9. No activities may be undertaken within 500 m of wetlands and or within 100m of watercourses without approval from DWS.
10. A map detailing the drilling locations should be submitted to the relevant land owners, the DWS and DMR prior to the commencement of the prospecting activities.
11. No relocation of heritage resources may be undertaken without the approval of SAHRA.
12. Heritage impact assessment must be undertaken where infrastructure and drilling sites will be located, prior to commencement of the prospecting activities
13. Surface and ground water monitoring must be done frequently.
14. If any Archaeological or paleontological material or human burials are uncovered during the course of the development then work in the immediate area should be halted.
15. Please note that only listed activities applied for in the NEMA Application form and issued on the Environmental Authorization are to be conducted, conducting of listed activities not applied for is a non-compliance.





## ANNEXURE 1: REASONS FOR THE DECISION

### 1. Background

Lengana Health SA (Pty) Ltd submitted an application for an EA for an activity listed in the EIA Regulations as:

#### Listed in the EIA Regulations GNR 327 of 2017 as amended, as:-

**Activity 20-**"Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including-

- (a) associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource; or
- (b) the primary processing of a mineral resource including winning, extraction, classifying, concentrating, crushing, screening or washing; but excluding the secondary processing of a mineral resource, including the smelting, beneficiation, reduction, refining, calcining or gasification of the mineral resource in which case activity 6 in Listing Notice 2 applies".

Lengana Health SA (Pty) Ltd appointed Ms. Asanda Mthembu of Minmet Services (Pty) Ltd as an EAP to undertake the BAR and EMPr process as required by Regulation 19 of the EIA Regulations, 2014 as amended.

### 2. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The information contained in the EA application form received by the Department on the 06<sup>th</sup> of February 2019;
- b) The information contained in the revised BAR & EMPr received by the Department on the 02<sup>nd</sup> of December 2019;
- c) The objectives and requirements of the applicable and relevant legislation, policies and guidelines and the EIA Regulations ;
- d) Public Participation Process (PPP) attached in the revised BAR and EMPr.
- e) Relevant information contained in the Departmental information database, including, the Department's circular on the One Environmental Management System dated 8 December 2014;
- f) The comments received from "I&APs" and the responses provided thereon, as included in the revised BAR and EMPr received by the Department on the 02<sup>nd</sup> of December 2019;
- g) The sense of balance of the negative and positive impacts and mitigation measures;
- h) The Environmental Emergency Procedure Report included in the revised BAR and EMPr,
- i) The Environmental Awareness Plan Report included to the revised BAR and EMPr,





- j) The applicant has determined the financial provision as required in terms of the Financial Provisioning Regulations, 2015. Moreover, an amount of **R 222 567.00** will be provided for the environmental liability associated with this EA. This amount is deemed sufficient to cater for the purposes set in regulation 2 of the Financial Provisioning Regulations.

### 3. Key factors considered in making the decision

All the information presented to the Department was taken into account upon the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance are set out below.

- a) Sufficient PPP was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations for public involvement;
- b) The environmental impacts associated with the activity will be addressed by the implementation of mitigation measures outlined in the revised BAR and EMPr compiled by Ms. A. Mthembu of Minmet Services (Pty) Ltd and submitted to the Department on the 02<sup>nd</sup> of December 2019;
- c) The Environmental Awareness Plan contained in the revised BAR and EMPr submitted to the Department on the 02<sup>nd</sup> of December 2019; compiled by Ms. A. Mthembu of Minmet Services (Pty) Ltd is in support of development.
- d) The Ecological Studies compiled by Mr Gerhard Botha from Nkurenkuru Ecology and Bio-diversity attached to the revised BAR and EMPr submitted on the 02<sup>nd</sup> of December 2019.
- e) The Heritage desktop report compiled by Mr. J. van der Walt from Greenmined Environmental (Pty) Ltd dated 20<sup>th</sup> of November 2019.
- f) The Palaeontological Heritage Impact Assessment Report prepared by Dr. B.D Millstead from Heritage Contracts and Archaeological Consulting CC dated 14<sup>th</sup> of November 2019.
- g) The rehabilitation and closure plan contained in the revised BAR and EMPr submitted to the Department on the 02<sup>nd</sup> of December 2019; compiled by Ms. A. Mthembu of Minmet Services (Pty) Ltd is in support of development.

### 4. Findings

After consideration of the information and factors listed above, the Department made the following findings –

- a) The potential impacts on the site were clearly investigated and mitigation measures were also outlined.
- b) The PPP complied with Chapter 6 of the EIA Regulations GNR 326. The PPP included, *inter-alia*, the following:
- Identification of and engagement (public meeting) with I&APs;
  - Public Participation meeting held 21<sup>st</sup> of June 2019;
  - Fixing a notice board at the site where the listed activity is to be undertaken;



- Giving written notice to the owners and occupiers of land including the owners and occupiers of the land adjacent to the site where the listed activity is to be undertaken, the municipality, and the various Organs of State having jurisdiction in respect of any aspect of the listed activity.
- The newspaper adverts published on Parys Gazette newspaper on the 30<sup>th</sup> of May 2019.





## ANNEXURE 2: DEPARTMENTAL STANDARD CONDITIONS

### 1. SCOPE OF AUTHORISATION

- 1.1 The holder of the EA shall be responsible for ensuring compliance with the conditions contained in the EA. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant or any person rendering a service to the holder of EA.
- 1.2 Any changes to, or deviation from the project description set out in this EA must be approved in writing by the Department before such changes or deviation may be effected. In assessing whether to grant such approval or not, the Department may request such information as is deems necessary to evaluate the significance and impacts of such changes or deviation and it may be necessary for the holder of the EA to apply for further authorisation in terms of the EIA Regulations.
- 1.3 The activity (ies), which is/are authorised, may only be carried out at the property (ies) indicated in the EA and or on the approved EMPr.
- 1.4 Where any of the holder of the EA contact details change including name of the responsible person, physical or postal address/ or telephonic details, the holder of the EA must notify the Department as soon as the new details become known to the holder of the EA.
- 1.5 The EA does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activity (ies).
- 1.6 The holder of EA must ensure that all areas where the authorized activities occur have controlled access to ensure safety of people and animals.

### 2. APPEAL OF AUTHORISATION

- 2.1 The holder of EA must in writing, within 14 (fourteen) ~~calendar days~~ <sup>working days</sup> from the date of this decision and in accordance with regulation 4(2) of the EIA Regulation do the following.
- 2.2 Notify all registered I&APs of –
  - 2.2.1 The outcome of the application;
  - 2.2.2 The date of the decision;
  - 2.2.3 The date of issue of the decision and;
  - 2.2.4 The reasons for the decision as included in Annexure 1 and Departmental Standard Conditions in Annexure 2.
- 2.3 Draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the NEMA: National Appeals Regulations,
- 2.4 Draw the attention of all registered I&APs to the manner in which they may access the decision.
- 2.5 Provide the registered I&APs with:

