

Comments and Responses 1304- BMM Prospecting Rights Applications Area 1

Ms Natasha Higgitt

Date 2019/08/08 Method Email

Comment

Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <http://sahra.org.za/sahris/>. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions. Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA. Once all documents including all appendices are uploaded to the case application, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application, and are submitted to SAHRA at the beginning of the Public Review periods. Once all these documents have been uploaded, I will be able to issue an informed comment as per section 38(4) and 38(8) of the NHRA.

Response

Comments noted. EIMS registered a case on the SAHRIS portal and will upload the required documents for comment.

Mrs Janetta Helena Boonzaaier

Date 2019/09/18 Method Email

Comment

Mrs Boonzaaier provided a completed registration questionnaire. She confirmed that she is the legal landowner of the property. It was confirmed that the ground is used for grazing and land cover consists mostly of grass and shrubs, and that certain Lithops species occur on the site. She also confirmed the presence of family graves on site.

Response

Mrs Boonzaaier was thanked for her correspondence and that her details were updated.

Mr Hendrik Willem Burden

Date 2019/07/30 Method Email

Comment

Ek het nou die kennisgewing opgetel. Dit het van die hek afgewaai met die naweek se kwaai winde. Ek het probeer aanstuur vir wie ek ken. Sal jy my asb op hoogte hou van julle bewegings en by my aankom indien julle op my grond wil rondry. Hiermee registreer ek dus: Hendrik Willem Burden (Hein) 0276629861 wonend op Losperplaas Epos hein.carli@gmail.com

Response

Baie dankie vir u e-pos en u bereidwilligheid om die kennisgewing aan te stuur. Ons bevestig dat u as grondeienaar geregistreer is en sal u op hoogte hou van die omgewingsimpak studie. Ek heg ook vir u 'n agtergrondinligtings dokument, kennisgewingsbrief en vorm aan vir u verdere kennisname. Kontak ons gerus indien u verdere vrae of kommentaar het.

Comments and Responses 1304- BMM Prospecting Rights Applications Area 1

Mr Izak Hendrik Johannes Nel

Date 2019/09/12 Method Questionnaire

Comment

Mr Nel provided his contact details for registration via the EIMS Questionnaire.

Response

EIMS confirmed the registration of Mr Nel.

Mr Nicolaas Jacobus Steenkamp

Date 2019/10/12 Method Questionnaire

Comment

Mr Steenkamp provided his contact information via the EIMS questionnaire and confirmed agricultural activities and grazing on his property.

Response

Mr Steenkamps details were updated on the EIMS database.

Mr Johannes Paulus Van der Westhuizen

Date 2019/08/30 Method Email

Comment

Mr Van der Westhuizen updated his details via a completed questionnaire. He further confirmed that they farm with livestock and don't have any planted grazing on the farms. It was further confirmed that the farm consists of natural shrubs and grass, and a farm house and associated structures. He was not aware of any sensitive fauna or flora. He further commented that should any holes be made, that these be covered to protect animals and to reduce possible visual impact.

Response

EIMS confirmed that Mr Van der Westhuizen was registered and that his comments were considered during the studies conducted for this project.

Mr Pabalelo Mokale

Date 2019/07/23 Method Email

Comment

EIMS enquired with the Regional Land Claims Commissioner of the Northern Cape if any land claims had been lodged for the properties within the application area.

Response

The Regional Land Claims Commissioner Confirmed that no land claims were on record for the properties within the application area.

Mr Johannes Abraham Van Zyl

Date 2019/09/05 Method Email

Comment

Response

Comments and Responses 1304- BMM Prospecting Rights Applications Area 1

Mr Johannes Abraham Van Zyl

Mr Van Zyl confirmed receipt of the Background information documents provided. He requested an explanation of his rights as a landowner in terms of compensation right of access control.

EIMS confirmed that BMM was in the process of applying for a prospecting right only and that they are being provided with opportunities to comment on this application. It was further explained that should the application be successful, then certain mitigation measures have been proposed that include: - Prior to accessing any portion of land, the Applicant must enter into formal written agreements with the affected landowner. - Landowners/lawful occupiers must be notified prior to accessing properties. A date and time that is suitable to landowners/lawful occupiers and is reasonable to the applicant should be negotiated and agreed upon. It was explained that a landowner would have to prove to the Department of Mineral Resources that compensation would be justifiable as a result of a loss being suffered by the landowner.

Date 2019/11/07 Method Email

Comment

Please come and visit me, us that are involved.

Response

EIMS attempted to phone Mr Van Zyl to discuss the project to no avail and requested that he contact EIMS should he have any further queries or concerns.

Mr Gary Watkins

Date 2019/09/03 Method Email

Comment

Please register the writer as an interested and affected party and forward a copy of the draft BAR and EMPr for review.

Response

This email serves to confirm that you have been registered as an interested and affected party for this project. A copy of the Draft BAR and EMPR will be made available in due course.

Ms Nina Pretorius

Date 2019/09/09 Method Email

Comment

I would like to be an interested and affected party for this proposed project of mining at gifkop My concerns are with the surrounding community and the environment which will be affected with the proposed activity to take place in order to obtain the minerals. 1 What are the mitigation processes for the environment with the removal of indigenous vegetation as well as is the vegetation endangered or threatened to be endangered? 2 What are the procedures to keep the air pollution at a low level. Is the company going to apply for an air use license? 3 The pollution of underground water. The mining within this area is located near a large water body source does not only effect the quality of the water but the supply of water within the area. What is the water impact assessment of the use of the water. 4 What will be done with the

Response

Thank you for your comments with regards to the above application. This email serves to confirm that you have been registered as an interested and affected party for this project. It should be noted that this application and associated environmental processes only relate to prospecting and will not include any mining activities at this stage. As such, the impacts will for the most part be localised and include non-invasive prospecting methods initially, to be followed up by invasive prospecting methods (e.g. drilling of boreholes) later on, if suitable deposits are identified using the non-invasive methods. Please find below our responses to your comments. 1 What are the mitigation processes for the environment with the removal of indigenous vegetation as well as is the vegetation endangered or threatened to be endangered? Owing to the fact that the invasive

Comments and Responses 1304- BMM Prospecting Rights Applications Area 1

Ms Nina Pretorius

waste generation? How will this be disposed of

prospecting will take place at a limit amount of sites (e.g. approximately 10 sites), the physical disturbance of vegetation will be limited to the clearing of a working area for the drilling equipment as well as temporary access roads where no existing roads are available. These areas will have to be sited outside of areas identified as sensitive as identified during our studies and will be subject to rehabilitation in accordance with the requirements of the Environmental Management Programme (EMPr) being compiled for this development. 2 What are the procedures to keep the air pollution at a low level. Is the company going to apply for an air use license? Since this application only entails the application for prospecting activities, the impact on air quality will mainly entail the generation of dust from invasive prospecting right activities, which, due to the limited amount of sites and limited vegetation clearance, is anticipated to be of low significance. Further to this, measures have been included in the EMPr to further reduce the impact by minimizing vegetation clearance, adherence to dust control mechanisms (e.g. dust suppression), covering of stockpiles (where relevant), servicing of vehicles, adherence to speed limits and effective rehabilitation of the temporary areas. It is understood that no Atmospheric Emissions Licence is required for this project at this time. 3 The pollution of underground water. The mining within this area is located near a large water body source does not only affect the quality of the water but the supply of water within the area. What is the water impact assessment of the use of the water. It is understood that the majority of the area is classed as a minor aquifer system with potentially poor water quality and low expected yields, there are existing groundwater users for which boreholes could be the only water source. Potential impacts that have been identified with regard to geohydrology are degradation of aquifers, impacts on existing groundwater users and impacts on surface water features. Proposed mitigation measures include undertaking a detailed hydrocensus to include surface water features. Once the exact drilling positions are known (to be determined by the results of the non-invasive prospecting activities) and the hydrocensus completed, the geohydrological report will be updated and include an assessment of potential aquifers that could be penetrated by the drilling and whether mixing the water of these aquifers can lead to degradation of any of the aquifers penetrated. 4 What will be done with the waste generation? How will this be disposed of? The prospecting activities will generate small amounts of general and hazardous waste during the operational phase. This waste will be collected and stored in appropriate containers to be disposed of at appropriate landfill sites in line with the requirements of the EMPr.

Mr Selaelo Matlhane

Date 2019/09/12 Method Questionnaire

Comment

The study area falls within the Karoo Central Astronomy Advantage Area and as such protection

Response

The comments were noted. Black Mountain Mining prepared a letter to the SARAo, which

Comments and Responses 1304- BMM Prospecting Rights Applications Area 1

Mr Selaelo Mathane

of the SKA radio telescope and compliance with the provisions of the AGA Act and associated Regulations must be ensured. The impacts associated with radio frequency interference and electromagnetic emissions on the SKA radio telescope must form part of the environmental impact assessment. The SKA radio telescope will highly sensitive to radio waves and as such mitigation measures will be required on activities within the compliance area, that are likely to cause any radio interference to the SKA. Should EMI and RFI detailed specialist studies be required, these studies must be completed, and included in the draft EIAr with comments being obtained on these studies from the SARAO

provided the details of the equipment and clarified that the equipment is not anticipated to cause interference with the SKA. Additional clarification was sought regarding the use of satellite phones.

Subject: RE: NOTIFICATION REGARDING AN APPLICATION FOR A PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORISATION SEVERAL FARM PORTIONS (AREA 1- GIFKOP) WITHIN THE NAMAKWA DISTRICT MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

From: Natasha Higgitt <nhiggitt@sahra.org.za>

Date: 2019/08/08, 08:19

To: "gifkop@eims.co.za" <gifkop@eims.co.za>

Good morning,

Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <http://sahra.org.za/sahris/>. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.

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Kind regards,

From: EIMS Gifkop <gifkop@eims.co.za>

Sent: Wednesday, August 07, 2019 8:51 PM

Subject: NOTIFICATION REGARDING AN APPLICATION FOR A PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORISATION SEVERAL FARM PORTIONS (AREA 1- GIFKOP) WITHIN THE NAMAKWA DISTRICT MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

Dear Interested and Affected Party,

Environmental Impact Management Services (Pty) Ltd (EIMS) has been appointed by Black Mountain Mining (Pty) Ltd – hereafter referred to as the applicant – to prepare and submit a Basic Assessment Report (BAR), Environmental Management Programme (EMPR), as well as an Integrated Interested and Affected Party (I&AP) Consultation process, in support of a prospecting right application and Environmental Authorisation.

The prospecting right application will be undertaken in accordance with the requirements of the Minerals and Petroleum Resources Development Act (Act 28 of 2002, as amended) (MPRDA) and the associated regulations, and the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the associated regulations, and has been lodged at the Department of Mineral Resources (DMR) – Northern Cape.

The applicant, Black Mountain Mining (Pty) Ltd, is applying for a prospecting right application in order to ascertain if economically viable mineral deposits exist within the application area for the following: Ferrous & base metals (Copper, Iron, Lead, Zinc, Manganese, Nickel, Molybdenum) and all associated metals and minerals, precious metals (Gold, Silver) and all associated metals and

minerals. Both non-invasive and invasive prospecting techniques will be utilized.

The Gifkop Application Area covers an area of about 177 468 hectares. The area is located approximately 75 to 120 kilometers South East of the town of Aggeneys and 130 kilometres East South East of the town of Springbok, Namaqualand District, Northern Cape Province. The affected farm portions are provided in the attached background information document. It should be noted that these properties may change after acceptance of the Prospecting Right Applications by the DMR. Should the application area change, the updated properties will be provided in the draft Basic Assessment Report which will be available for public comment.

The application for a prospecting right and environmental authorisation process will be carried out as stipulated in Section 16 of the MPRDA and Chapter 4 of the Environmental Impact Assessment (EIA) Regulations, 2014 (GNR 326) promulgated under the NEMA. A public notification and involvement process is being carried out as part of the process.

This notice is in accordance with clause 16 of the MPRDA and Chapter 6 of EIA Regulations, 2014, which requires that Black Mountain Mining (Pty) Ltd notify in writing and consult with the land owner or lawful occupier and any other affected party. In this regard, **we would like to ask the landowners to please notify their respective property occupiers about the proposed development or send us the occupiers' contact details so that we may notify them and include them in the Public Participation Process for this project.** The results of the consultation will be included in the BAR submission in order for the DMR to adjudicate on the application.

Interested and Affected Parties (I&AP's) are provided an opportunity to register and comment on the proposed activity and application. In order to ensure that you are identified and registered as an interested and affected party (I&AP) please submit your name, contact details and the reason for your interest, in writing or telephonically, to Environmental Impact Management Services (Pty) Ltd (Contact details are provided at the end of this letter). Please include the project reference number 1304-1 in all correspondence.

Please note that only registered I&AP's will be informed of any project information. Comments will be included in the final BAR, to be submitted to the DMR at the end of the process. Please include comments, concerns and suggestions to be submitted and considered by the DMR.

Should you have concerns or comments (including those relating to environmental and social impacts) please include them in the attached questionnaire. A copy of the background information document has also been included for your information.

Any queries, comments, or concerns with regards to this application can be directed to EIMS at:

- Contact person: GP Kriel
- E-mail: gifkop@eims.co.za
- Fax: 086 571 9047
- Tel: (043) 722 7572
- Postal address: P.O. Box 19731, Tecoma, 5214
- Reference no: 1304-1

Please feel free to contact the undersigned if you have any queries or concerns.

Sincerely,

GP Kriel

Natasha Higgitt

Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency

- *A nation united through heritage* -

T: +27 21 462 4502/ 8660 | C:+27 82 507 0378 | F:+27 21 462 4509

E: nhiggitt@sahra.org.za | 111 Harrington Street | Cape Town |

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BELANGHEBBENDE-EN GEAFFEKTEERDE PARTY REGISTRASIE VORM

| | |
|------------------|--|
| EIMS Verwysing # | 1304-1 |
| Projek Titel | Black Mountain Mining Prospekteerreg Aansoek |
| Aansoek Area | Gifkop |

VOLTOOI ASSEBLIEF HIERDIE VORM EN STUUR AAN:

Environmental Impact Management Services (Pty) Ltd (EIMS)
 Aandag: GP Kriel
 Faks: (086) 571-9047 →
 Tel: (043) 722-7572
 Epos: gifkop@eims.co.za
 Posadres: Posbus 19731, Tecoma, 5214, Suid Afrika



Hierdie vorm dien as registrasie vorm vir alle Belanghebbende- en Geaffekteerde Partye (B & GP'e) wat wil registreer vir die bogenoemde projek, en om insette te lewer en betrokke te raak by die projek. Hierdie vorm sal voortgesit word aan die bevoegde owerheid tydens die besluitnemings proses.

| | | | | | |
|--|-----------------------|--------------------------------|-------------------------|-------------|--|
| Titel: | MEU. | Volle naam en van: | JANETTA HELENA BOONZAAR | | |
| Kontak Besonderhede | Tel (w): | | Tel (h): | 054-9330035 | |
| | Faks: | | Sel: | 071 4961405 | |
| | Epos: | | | | |
| | Posadres: | POSBUS 290 POFANDEL 2890 | | | |
| Organisasie en/of eiendom beskrywing (in geval van grondeienaar/wettige grond bewoner) | | GRONDEIENAAR | | | |
| Rede vir u belangstelling in die bogenoemde projek (u is welkom om addisionele bladsye hierby aan te heg, indien nodig): | | | | | |
| | | | | | |
| Voltooi asseblief die onderstaande vraelys. U insette sal in ag geneem word tydens die Omgewings Impak Bepalings Proses. U is welkom om addisionele bladsye hierby te heg indien nodig. | | | | | |
| Is u 'n wettige grondeienaar of inwoner op die eiendom wat binne die aansoek area val? | WETTIGE GRONDEIENAAR | | | | |
| Is u bewus van enige gemeenskappe of grond bewoners (insluitend werknemers) wat op u eiendom of in die aansoek area woon? Indien wel, verskaf asseblief kontakbesonderhede. | NEE | | | | |
| Is u bewus van enige stamowerhede wat op of binne die aansoek area woon? Indien ja, verskaf asseblief Kontakbesonderhede? | NEE | | | | |
| Is u bewus van enige ander B&GP'e wat in kennis gestel moet word van die projek? Indien ja, verskaf asseblief kontakbesonderhede? | NEE | | | | |
| Verskaf asseblief 'n beskrywing van die grond gebruik op u eiendom (landbou aktiwiteite, weiding, | VEEBOERDERG (WEIDING) | | | | |

| | |
|---|--|
| infrastruktuur ens.) sowel as 'n kort beskrywing van die area (plantegroei, topografie, infrastruktuur, sensitiewe fauna/flora)? | GRAS EN BOSSIEVELD — BEECKLOUTTIE (LITHOPS) |
| Is u bewus van enige huidige of toekomstige ontwikkeling binne die aansoek area wat moontlik relevant kan wees aan die voorgestelde projek? | NEE |
| Is u bewus van enige kulturele of erfenis kenmerke (insluitend grafte, historiese geboue ens.) binne die aansoek area en omliggende gebiede? Indien ja, verskaf asseblief die ligging en 'n beskrywing. | FAMILIE GRAFTE |
| Beskryf asseblief enige bio-fisiese en/of sosio-ekonomiese impakte wat u glo tydens die Impak Studie in ag geneem moet word? | GEEN |
| Verskaf asseblief enige maatreëls wat u glo geïmplementeer moet word om die geantisipeerde bio-fisiese en sosio-ekonomiese impakte van die voorgestelde aktiwiteit te mitigeer? | — |
| Het u enige spesifieke bekommernisse, kommentaar of besware aangaande die voorgestelde projek, indien ja, verskaf asseblief 'n verduideliking? | GEEN |
| Algemene opmerkings/kommentaar: — | |
| | |

EIMS versoek dat u asseblief hierdie vorm voltooi en terugstuur aan EIMS by die bogenoemde adres, as 'n bevestiging dat u die kennisgewing rakende die bogenoemde projek ontvang het, en om te verseker dat u kommentaar/ bekommernisse en insette in ag geneem word. Neem asb. kennis dat slegs geregistreerde B&GP'e ingesluit sal word by toekomstige korrespondensie in verband met hierdie projek.

Handtekening..... *J.H. Boozaaiel* Naam van..... *J.H. BOOZAAIEL* Datum..... *17-9-2019*

Subject: Re: dok
From: EIMS Gifkop <gifkop@eims.co.za>
Date: 2019/09/18, 16:25
To: Cindy Beukes <intern2@khaima.gov.za>

Goeie dag Mev Boonzaaier,

Ons neem kennis van u kommentaar en bevestig dat u besonderhede opdateer is.

Vriendelike groete,

GP KRIEL



T [+27 43 722 7572](tel:+27437227572)
F [+27 86 571 9047](tel:+27865719047)
E gp@eims.co.za
W www.eims.co.za

Ground Floor, Regus Business
Centre, 14 Stewart Drive, Berea,
East London

PO Box 19731, Tecoma, 5214, ZA

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From: Cindy Beukes [<mailto:intern2@khaima.gov.za>]
Sent: Wednesday, September 18, 2019, 10:33
To: <gifkop@eims.co.za>
Subject: dok

C. R. Beukes
[Khai-Ma Municipality](#)
P.O.Box 108
Pofadder
Tel.054 9331009
Fax.054 9330252
[Email.Cindy@khaima.gov.za](mailto:Cindy@khaima.gov.za)



Subject: Re: Myn prospekterregte op Losperplaas
From: EIMS Gifkop <gifkop@eims.co.za>
Date: 2019/07/30, 09:32
To: Carli Burden <hein.carli@gmail.com>

Goeie dag Mnr Burden,

Baie dankie vir u e-pos en u bereidwilligheid om die kennisgewing aan te stuur.

Ons bevestig dat u as grondeienaar geregistreer is en sal u op hoogte hou van die omgewingsimpak studie. Ek heg ook vir u 'n agtergrondinligtings dokument, kennisgewingsbrief en vorm aan vir u verdere kennisname.

Kontak ons gerus indien u verdere vrae of kommentaar het.

Vriendelike groete,

GP KRIEL



T [+27 43 722 7572](tel:+27437227572)
F [+27 86 571 9047](tel:+27865719047)
E gp@eims.co.za
W www.eims.co.za

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From: Carli Burden [<mailto:hein.carli@gmail.com>]
Sent: Monday, July 29, 2019, 17:22
To: Gifkop@eims.co.za
Subject: Myn prospekterregte op Losperplaas

Middag GP

Ek het nou die kennisgewing opgetel. Dit het van die hek afgewaai met die naweek se kwaai winde. Ek het probeer aanstuur vir wie ek ken. Sal jy my asb op hoogte hou van julle bewegings en by my aankom indien julle op my grond wil rondry.

Hiermee registreer ek dus:

Hendrik Willem Burden (Hein) 0276629861 wonend op Losperplaas

Epos hein.carli@gmail.com

Groete
Hein

— Attachments: —

| | |
|---|--------|
| 1304_Area 1 Gifkop BID(Afri)_20190718_GP.pdf | 459 kB |
| 1304_Area 1 Gifkop BID(English)_20190718_GP.pdf | 458 kB |
| 1304_Area 1 IAP Questionnaire_20190718_GP.pdf | 216 kB |
| 1304_Area 1 Gifkop Notification Letter(Afr)_2019-07-18_GP.pdf | 184 kB |
| 1304_Area 1 Gifkop Notification Letter_2019-07-18_GP.pdf | 183 kB |

Subject: Re: registrasie as B & GP : IHJ Nel (Gedeelte 1 van die plaas Doels Vlei Nommer 161)
From: EIMS Gifkop <gifkop@eims.co.za>
Date: 2020/01/06, 16:12
To: Jasper Muller <jasper@louwenmuller.co.za>

Goeie dag Mnr Muller,

Ons bevestig dat Mnr Nel geregistreer is vir hierdie projek.

Vriendelike groete,

GP KRIEL



T [+27 43 722 7572](tel:+27437227572)
F [+27 86 571 9047](tel:+27865719047)
E gp@eims.co.za
W www.eims.co.za

Ground Floor, Regus Business
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East London

PO Box 19731, Tecoma, 5214, ZA

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From: Jasper Muller [<mailto:jasper@louwenmuller.co.za>]
Sent: Thursday, September 12, 2019, 14:48
To: <gifkop@eims.co.za>
Subject: registrasie as B & GP : IHJ Nel (Gedeelte 1 van die plaas Doels Vlei Nommer 161)

sien vorm aangeheg.

BELANGHEBBENDE-EN GEAFFEKTEERDE PARTY REGISTRASIE VORM

| | |
|------------------|--|
| EIMS Verwysing # | 1304-1 |
| Projek Titel | Black Mountain Mining Prospekteerreg Aansoek |
| Aansoek Area | Gifkop |

VOLTOOI ASSEMBLIEF HIERDIE VORM EN STUUR AAN:

Environmental Impact Management Services (Pty) Ltd (EIMS)
 Aandag: GP Kriel
 Faks: (086) 571-9047
 Tel: (043) 722-7572
 Epos: gifkop@eims.co.za
 Posadres: Posbus 19731, Tecoma, 5214, Suid Afrika



Hierdie vorm dien as registrasie vorm vir alle Belanghebbende- en Geaffekteerde Partye (B & GP'e) wat wil registreer vir die bogenoemde projek, en om insette te lewer en betrokke te raak by die projek. Hierdie vorm sal voortgesit word aan die bevoegde owerheid tydens die besluitnemings proses.

| | | | | | |
|--|-----------|---|---------------------------|-------------|--|
| Titel: | MNR | Volle naam en van: | IZAK HENDRIK JOHANNES NEL | | |
| Kontak Besonderhede | Tel (w): | | Tel (h): | 027 6621344 | |
| | Faks: | | Sel: | | |
| | Epos: | | | | |
| | Posadres: | POSBUS 200 LOERIESFONTEIN RFS | | | |
| Organisasie en/of eiendom beskrywing (in geval van grondeienaar/wettige grond bewoner) | | GEDELTE 1 VAN DIE PUAAS DOELS VLEI NO: 161 | | | |
| Rede vir u belangstelling in die bogenoemde projek (u is welkom om addisionele bladsye hierby aan te heg, indien nodig): | | | | | |
| GRONDEIENAAR | | | | | |
| Voltooi asseblief die onderstaande vraelys. U insette sal in ag geneem word tydens die Omgewings Impak Bepalings Proses. U is welkom om addisionele bladsye hierby te heg indien nodig. | | | | | |
| Is u 'n wettige grondeienaar of inwoner op die eiendom wat binne die aansoek area val? | JA | | | | |
| Is u bewus van enige gemeenskappe of grond bewoners (insluitend werknemers) wat op u eiendom of in die aansoek area woon? Indien wel, verskaf asseblief kontakbesonderhede. | | | | | |
| Is u bewus van enige stamowerhede wat op of binne die aansoek area woon? Indien ja, verskaf asseblief Kontakbesonderhede? | | | | | |
| Is u bewus van enige ander B&GP'e wat in kennis gestel moet word van die projek? Indien ja, verskaf asseblief kontakbesonderhede? | | | | | |
| Verskaf asseblief 'n beskrywing van die grond gebruik op u eiendom (landbou aktiwiteite, weiding, | | | | | |

| | |
|---|--|
| infrastruktuur ens.) sowel as 'n kort beskrywing van die area (plantegroei, topografie, infrastruktuur, sensitiewe fauna/flora)? | |
| Is u bewus van enige huidige of toekomstige ontwikkeling binne die aansoek area wat moontlik relevant kan wees aan die voorgestelde projek? | |
| Is u bewus van enige kulturele of erfenis kenmerke (insluitend grafte, historiese geboue ens.) binne die aansoek area en omliggende gebiede? Indien ja, verskaf asseblief die ligging en 'n beskrywing. | |
| Beskryf asseblief enige bio-fisiese en/of sosio-ekonomiese impakte wat u glo tydens die Impak Studie in ag geneem moet word? | |
| Verskaf asseblief enige maatreëls wat u glo geïmplementeer moet word om die geantisipeerde bio-fisiese en sosio-ekonomiese impakte van die voorgestelde aktiwiteit te mitigeer? | |
| Het u enige spesifieke bekommernisse, kommentaar of besware aangaande die voorgestelde projek, indien ja, verskaf asseblief 'n verduideliking? | |
| Algemene opmerkings/kommentaar: | |
| | |

EIMS versoek dat u asseblief hierdie vorm voltooi en terugstuur aan EIMS by die bogenoemde adres, as 'n bevestiging dat u die kennisgewing rakende die bogenoemde projek ontvang het, en om te verseker dat u kommentaar/ bekommernisse en insette in ag geneem word. Neem asb. kennis dat slegs geregistreerde B&GP'e ingesluit sal word by toekomstige korrespondensie in verband met hierdie projek.

Handtekening.....  Naam en Van..... Datum..... 13 SEPTEMBER 2019

Subject: Re: AANDAG GP KRIEL EIMS VERWYSING : 1304-1

From: EIMS Gifkop <gifkop@eims.co.za>

Date: 2020/01/06, 16:29

To: "admin@ldelec.co.za" <admin@ldelec.co.za>

Goeie dag Karien,

Hiermee bevestig ons dat Mnr Steenkamp geregistreer is met die besonderhede voorsien.

Vriendelike Groete,

GP KRIEL



T [+27 43 722 7572](tel:+27437227572)
F [+27 86 571 9047](tel:+27865719047)
E gp@eims.co.za
W www.eims.co.za

Ground Floor, Regus Business
Centre, 14 Stewart Drive, Berea,
East London

PO Box 19731, Tecoma, 5214, ZA

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From: admin@ldelec.co.za [<mailto:admin@ldelec.co.za>]

Sent: Wednesday, October 16, 2019, 08:19

To: gifkop@eims.co.za, koffiemeul@gmail.com

Subject: AANDAG GP KRIEL EIMS VERWYSING : 1304-1

Goeie dag

Vind asseblief aangeheg Mr Nicolaas Jacobus Steenkamp se voltooide vorm soos versoek

Laat weet asseblief as U dit ontvang het


Vriendelike groete Karien

--



Admin

 027 718 1025

 admin@ldelec.co.za

 www.landdelec.co.za
No. 1 luckhoff street, springbok, northern cape, south africa, 8240

BELANGHEBBENDE-EN GEAFFEKTEERDE PARTY REGISTRASIE VORM

| | |
|------------------------|--|
| EIMS Verwysing# | 1304-1 |
| Projek Titel | Black Mountain Mining Prospekteerreg Aansoek |
| Aansoek Area | Gifkop |

VOLTOOI ASSEBLIEF HIERDIE VORM EN STUUR AAN:

Environmental Impact Management Services (Pty) Ltd (EIMS)
 Aandag: GP Kriel
 Faks: (086) 571-9047
 Tel: (043) 722-7572
 Epos: gifkop@eims.co.za
 Posadres: Posbus 19731, Tecoma, 5214, Suid Afrika



Hierdie vorm dien as registrasie vorm vir alle Belanghebbende- en Geaffekteerde Partye (B & GP'e) wat wil registreer vir die bogenoemde projek, en om insette te lewer en betrokke te raak by die projek. Hierdie vorm sal voortgesit word aan die bevoegde owerheid tydens die besluitnemings proses.

| | |
|--|---|
| Titel: Mnt. | Volle naam en van: Nicolaas Jacobus Steenkamp |
| Kontak Besonderhede | Tel (w): 054 941 000 Tel (h): 054 941 000 |
| | Faks: Sel: 064 62 77564 |
| | Epos: koffiemol@gmail.com |
| | Posadres: Posbus 1079 Springbok, 8240 |
| Organisasie en/of eiendom beskrywing (in geval van grondeienaar/wettige grond bewoner) | grondeienaar |
| Rede vir u belangstelling in die bogenoemde projek (u is welkom om addisionele bladsye hierby aan te heg, indien nodig): | |
| | |
| Voltooi asseblief die onderstaande vraelys. U insette sal in ag geneem word tydens die Omgewings Impak Bepalings Proses. U is welkom om addisionele bladsye hierby te heg indien nodig. | |
| Is u 'n wettige grondeienaar of inwoner op die eiendom wat binne die aansoek area val? | Wettige grondeienaar |
| Is u bewus van enige gemeenskappe of grond bewoners (insluitend werknemers) wat op u eiendom of in die aansoek area woon? Indien wel, verskaf asseblief kontakbesonderhede. | Nee |
| Is u bewus van enige stamowerhede wat op of binne die aansoek area woon? Indien ja, verskaf asseblief Kontakbesonderhede? | Nee |
| Is u bewus van enige ander B&GP'e wat in kennis gestel moet word van die projek? Indien ja, verskaf asseblief kontakbesonderhede? | Nee |
| Verskaf asseblief 'n beskrywing van die grond gebruik op u eiendom (landbou aktiwiteite, weiding, | landbou aktiwiteite weiding |

| | |
|---|-------------------------------------|
| <p>Please can you provide us with a description of the receiving environment? (including land uses such as farming, grazing etc.; vegetation; topographical features; Infrastructure; sensitive flora/fauna).</p> | <p>Landbou aktiwiteite, Weiding</p> |
| <p>Are you aware of any land developments (current or proposed) within the application area that may be relevant to the project?</p> | <p>Neer</p> |
| <p>Are you aware of any cultural or heritage features within the project area and surrounds, please provide detail?</p> | <p>Neer</p> |
| <p>Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study?</p> | <p>/</p> |
| <p>Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity?</p> | <p>/</p> |
| <p>Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?</p> | <p>/</p> |
| <p>General Comments:</p> | |
| <p>/</p> | |

EIMS respectfully requests that you please sign this letter and return it to EIMS at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this project.

Signed  Name Niclaas Jacobus Steenkamp Date 12-10-2019

Subject: Re: Fwd: 1304-01; GIFKOP; JP VAN DER WESTHUIZEN
From: EIMS Gifkop <gifkop@eims.co.za>
Date: 2020/01/06, 12:45
To: annalie@lombardenkie.co.za

Goeie dag Me. Zandberg,

Ek verwys na die epos en kommentaar ontvang hieronder.

Ons bevestig dat Mnr. Van der Westhuizen se besonderhede op ons stelsel geregistreer is en dat sy kommentaar in aggeneem is gedurende ons studies.

Kontak ons gerus indien u enige verdere kommentaar het.

Vriendelike groete,

GP KRIEL



T [+27 43 722 7572](tel:+27437227572)
F [+27 86 571 9047](tel:+27865719047)
E gp@eims.co.za
W www.eims.co.za

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From: GP Kriel [<mailto:gp@eims.co.za>]
Sent: Monday, September 2, 2019, 12:06
To: EIMS Gifkop <gifkop@eims.co.za>
Subject: Fwd: 1304-01; GIFKOP; JP VAN DER WESTHUIZEN

----- Forwarded message -----

From: Annalie Zandberg - HAJ LOMBARD & KIE <annalie@lombardenkie.co.za>
Date: Fri, Aug 30, 2019 at 11:26 AM
Subject: 1304-01; GIFKOP; JP VAN DER WESTHUIZEN
To: <mail@eims.co.za>

Goeie dag,

Aangeheg is die aansoekvorm vir prospekterreg en omgewingsmagtiging soos ontvang deur my kliënt. Indien u nog enige dokumentasie benodig, skakel gerus.

Vriendelike groete

Annalie Zandberg

**H.A.J. LOMBARD &
KIE / CO**

Rekenmeesters, Sekretarisse &
Inkomstebelastingkonsultante
Accountants, Secretaries & Income
Tax Consultants



SOUTH AFRICAN INSTITUTE OF
PROFESSIONAL ACCOUNTANTS™

■ YOUR WEALTH

Karin Building

44

Voortrekker

Street

P.O. Box 142

VREDENDAL,

8160

Tel: (027) 2132024 /5/6

Fax: (027) 2133907

E-mail:

annalie@lombardenkie.co.za

Direkteure/Directors:

EP de Jongh (SAIPA Lid 6396);

AHH Wells, B Compt. Hons-B.Compt., CA(SA)RA

CONFIDENTIALITY CAUTION:

This message is intended only for use of the individual or entity to which it is addressed and contains information that is privileged and confidential. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of the communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone.

VERTROUWELIJKHEIDSWAARSKUWING:

Hierdie boodskap is slegs bedoel vir die gebruik van die individu of eniteit aan wie dit gerig is en bevat beskermende en vertroulike inligting. Indien die leser van hierdie boodskap nie die bedoelde ontvanger of die werknemer of agent verantwoordelik vir die aflewering van die boodskap aan die bedoelde ontvanger is nie, word u hiermee verwittig dat enige disseminale, verspeiding of kopiëring van hierdie kommunikasie streng verbode is. Indien u hierdie kommunikasie verkeerdelik ontvang het, verwittig ons asseblief onmiddellik per telefoon.



ENVIRONMENTAL
IMPACT
MANAGEMENT
SERVICES

18 Julie, 2019

EIMS Verw.: GPK/gpk/1304

DMR Verw.: NC30/5/1/1/2/12388PR

Geagte Belanghebbende en Geaffekteerde Party,

KENNISGEWING MET BETREKKING TOT 'N AANSOEK VIR 'N PROSPEKTEERREG EN OMGEWINGSMAGTIGING OP GIEBIED 1- GIFKOP BINNE DIE NAMAKWA DISTRIK MUNISIPALITEIT IN DIE NOORD-KAAP PROVINSIE

Environmental Impact Management Services (Edms) Bpk (EIMS) is aangestel deur Black Mountain Mining (Edms) Bpk – die Aansoeker – vir die voorbereiding en indiening van 'n Basiese evalueringsverslag (BAR) en Omgewingsbestuursprogram (EMPR), sowel as die uitvoering van 'n geïntegreerde openbare deelname proses ter ondersteuning van 'n aansoek vir 'n Prospekterreg en Omgewingsmagting.

Die Prospekterreg aansoek sal in ooreenstemming wees met die vereistes van die Minerale en Petroleum Hulpbron Ontwikkelings Wet (Wet 28 van 2002, soos gewysig) (MPRDA) en die gepaardgaande regulasies; asook die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998, soos gewysig) (NEMA) en die gepaardgaande regulasies, wat ingedien sal word by die Departement van Minerale Hulpbronne (DMR) Noord-Kaap.

Black Mountain Mining (Edms) Bpk, het 'n aansoek vir 'n Prospekterreg ingedien om te bepaal of ekonomiese lewensvatbare minerale bronne van Ysterhoudende en basismetale (Koper, Yster Lood, Sink, Mangaan, Nikkel en Molibdeen) en alle verwante metale en minerale. Edelmetale (gouderts, silwererts) en alle verwante metale en minerale in die aansoek area voorkom Beide nie-indringende en indringende prospekteringsstegnieke sal toegepas word. Die teiken geologiese formasie is die Boesmanland Groep.

Die Gifkop Projek Area strek oor 'n oppervlak van ongeveer 177 468 hektaar. Die voorgestelde prospektering gebied is ongeveer 75 tot 120 kilometer Suid oos van die dorp Aggeneys en 130 kilometer Oos Suid oos van die dorp Springbok, Namakwaland Distrik, Noord-Kaap Provinsie. Die betrokke eiendomme en plase word in die aangehegte agtergrondinligtingsdokument aangedui. Hierdie eiendomme kan verander na die aanvaarding van die Prospekterreg-aansoeke deur die DMR. Indien die aansoekarea verander, sal die opgedateerde eiendomme in die konsep Basiese Evalueringsverslag voorsien word wat beskikbaar sal wees vir publieke kommentaar.

Hierdie aansoek vir 'n Prospekterreg en Omgewingsmagtiging, sal uitgevoer word volgens Artikel 16 van die MPRDA en Hoofstuk 4 van die Regulasies oor Omgewingsimpakbepaling, 2014 (GNR 326), uitgevaardig kragtens die NEMA. 'n Openbare deelname proses vorm 'n belangrike deel van die aansoek proses.

Hierdie kennisgewing geskied volgens klousule 16 van die MPRDA en Hoofstuk 6 van die Regulasies oor Omgewingsimpakbepaling, 2014, wat vereis dat Black Mountain Mining (Edms) Bpk skriftelike raadpleeg met grondeienaars, wettige huurders en geaffekteerde partye. **In hierdie verband, wil EIMS graag grondeienaars vra om asseblief alle huurders op die onderskeie eiendomme in kennis te stel van die voorgestelde ontwikkeling, of alternatiewelik huurders se kontakbesonderhede aan EIMS verskaf om te verseker dat hierdie persone ingesluit word by die openbare deelname proses en alles toekomstige kennisgewings rakende hierdie projek.** Die resultate en uitkomst van konsultasie sal ingesluit word in die BAR wat voorgelê sal word aan die DMR vir beoordeling van hierdie aansoek.

Belanghebbende en Geaffekteerde Partye (B&GPe) word die geleentheid gebied om te registreer en kommentaar te lewer op die voorgestelde aktiwiteite. Ten einde te verseker dat u geregistreer is as 'n B&GP, verstrek asseblief u naam, kontakbesonderhede en rede vir u belangstelling aan Environmental Impact Management Services (Edms) Bpk (EIMS se kontakbesonderhede verskyn aan die einde van hierdie brief). Sluit asseblief die projek verwysingsnommer 1304-1 in alle korrespondensie in.

A Block 5 Fernridge Office Park, 5 Hunter Avenue, Ferndale, Randburg | PO Box 2083, Pinegowrie 2123, South Africa
T (011) 789-7170 | F (011) 787- 3059

A Regus Business Centre, 14 Stewart Drive, Berea, East London | PO Box 19731, Tecoma, 5214, South Africa
T (043) 722-7572 | F (086) 571- 9047

W www.eims.co.za | E mail@eims.co.za | Co Reg 1992/005927/07 | VAT 489 013 9027

Directors: T Nkhahle, L Whitlow, A Smith.

BLACK MOUNTAIN MINING (EDMS) BPK

GIFKOP PROSPEKTEERREG PROJEC

AGTERGRONDINLIGTINGSDOKUMENT

DMR VERWYSINGS NOMMER:

NC30/5/1/1/2/12388 PR

PROJEC INLEIDING:

Environmental Impact Management Services (Edms) Bpk (EIMS), 'n onafhanklike omgewings konsultasie firma, is aangestel deur Black Mountain Mining (Edms) Bpk (die aansoeker), om te assisteer met die voorbereiding en indiening van 'n omgewingsmagtigings aansoek, 'n basiese evalueringsverslag (BAR) en omgewingsbestuursprogram (EMPR), asook die uitvoering van 'n openbare deelname proses, ter ondersteuning van 'n aansoek vir 'n prospekterreg.

DOEL VAN DIE AGTERGRONDINLIGTINGSDOKUMENT (BID):

Die doel van die BID is om:

- o 'n Oorsig te gee van die omgewingsmagtigings proses vir die voorgestelde Black Mountain Mining prospekterreg in terme van die Minerale en Petroleum Hulpbron Ontwikkelings Wet (Wet 28 van 2002, soos gewysig) (MPRDA) en gelyste aktiwiteite van die Wet op Nasionale Omgewingsbestuur (Wet 107 van 1998) (NEMA) onderneem sal word;
- o 'n Breë begrip te verskaf van die voorgestelde projek en B&GPe die geleentheid te bied om kommentaar of besware met betrekking tot die projek in te dien; en
- o B&GPe in kennis te stel van die voorbereiding van die BAR wat kommentaar van B&GPe sal insluit en aanspreek, vir voorlegging aan die bevoegde owerheid vir besluitneming en beoordeling.

LIGGING, SKAAL EN OMVANG VAN DIE VOORGESTELDE PROJEC:

Die voorgestelde prospektering gebied is ongeveer 75 tot 120 kilometers Suid oos van die dorp Aggeneys en 130 kilometers Oos Suid oos van die dorp Springbok, Namakwaland Distrik, Noord-Kaap Provinsie. Die Gifkop prospekterreg projek beslaan 'n oppervlak van ongeveer 177 468 hektaar in total. Table 1 toon die lys van eiendomme wat deur die aansoek geraak word.

PROJEC BESKRYWING:

Black Mountain Mining (Edms) Bpk, het 'n aansoek vir 'n prospekterreg ingedien om te bepaal of ekonomiese lewensvatbare minerale bronne Ysterhoudende en basismetale (Koper, Yster Lood, Sink, Mangaan, Nikkel en Molibdeen) en alle verwante metale en minerale. Edelmetale (gouderts, silwererts) en alle verwante metale en minerale in die aansoek area voorkom. Beide nie-indringende en indringende prospekteringstegniese sal toegepas word. Die teiken geologiese formasie is die Boesmanland Groep.

Die aansoek sal 'n gefaseerde benadering volg, en die projek sal verdeel word in verskeie opeenvolgende fases. Die verskillende fases en tydskedules van die voorgestelde prospekterreg sal, volgens aard, afhanklik wees van die resultate wat tydens die voorafgaande fase ingesamel is. Die projek sluit die gebruik van beide nie-indringende en indringende prospektertegniese in.

Nie-indringende Prospektertegniese

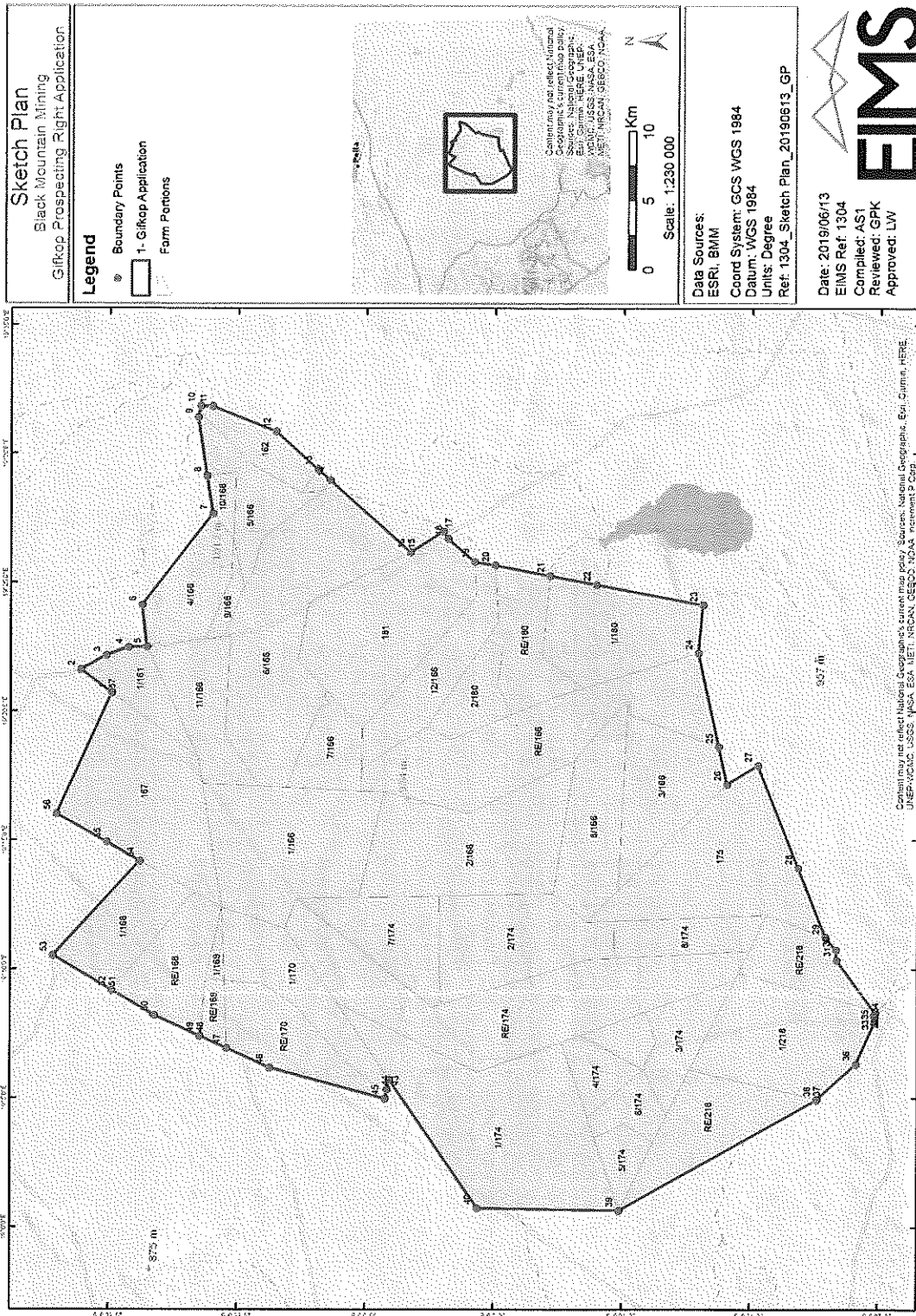
Die projek sal die volgende nie-indringende tegniese insluit:

- Rekenaar-en literatuur studies;
- Plaaslike lug geofisiese opnames;
- Grond geofisiese opnames en geologiese kartering;
- Samestelling, interpretasie en modellering van data;
- Gedetailleerde grond-geofisiese analise op individuele geminaliseerde teikens om die potensiele omvang te bepaal;
- Analitiese Pre-uitvoerbaarheidstudie. (Analytical desktop pre-feasibility study)

Indringende Prospekteringstegniese

Die volgende indringende prospekteringstegniese sal toegepas word tydens prospektering:

- Eksplorasi Boorgate;



Figuur 1: Liggingskaart

| Nr | Registered Land Description | Magisterial District | Extent (Ha) | Title Deed/Diagram Deed | SG Code |
|----|--|----------------------|----------------|-------------------------|------------------------|
| 26 | Farm Kapsvlei 174 Portion 4 | Calvinia Rd | 1472,643465 | T67149/2002 | C01500000000017400004 |
| 27 | Farm Kapsvlei Portion 5 | Calvinia Rd | 1147,322511 | T51684/1986 | C01500000000017400005 |
| 28 | Farm Kapsvlei 174 Portion 6 | Calvinia Rd | 2327,361793 | T64404/2009 | C01500000000017400006 |
| 29 | Farm Kapsvlei 174 Portion 7 | Calvinia Rd | 3776,592667 | T84533/1992 | C01500000000017400007 |
| 30 | Farm Kapsvlei 174 Portion 8 | Calvinia Rd | 2323,931687 | T84533/1992 | C01500000000017400008 |
| 31 | Farm Blaauw Pan 175 Portion 0 | Calvinia Rd | 8382,488799 | T9011/1981CTN | C01500000000017500000 |
| 32 | Farm Hoepel 180 Portion 0 RE | Calvinia Rd | 3283,250155 | T11332/2012 | C01500000000018000000 |
| 33 | Farm Hoepel 180 Portion 1 | Calvinia Rd | 5639,188171 | T9853/1990CTN | C01500000000018000001 |
| 34 | Farm Hoepel 180 Portion 2 | Calvinia Rd | 1868,732534 | T33330/2008 | C01500000000018000002 |
| 35 | Farm Groot Zevenfontein West 181 Portion 0 | Calvinia Rd | 8448,556192 | T10760/2012CTN | C01500000000018100000 |
| 36 | Farm Lospers Plaats 218 Portion 0 RE | Calvinia Rd | 4491,872035 | T32740/1982CTN | C015000000000218000000 |
| 37 | Farm Lospers Plaats 218 Portion 0 RE | Calvinia Rd | 2695,115949 | T32740/1982CTN | C015000000000218000000 |
| 38 | Farm Lospers Plaats 218 Portion 1 | Calvinia Rd | 6660,830913 | T3878/2018 | C015000000000218000001 |
| | TOTAL AREA (HA) | | 177 468 | | |

Hierdie eiendomme kan verander na die aanvaarding van die Prospekterreg- aansoeke deur die DMR. Indien die aansoekarea verander, sal die opgedateerde eiendomme in die konsep Basiese Evalueeringsverslag voorsien word wat beskikbaar sal wees vir publieke kommentaar.

BELANGHEBBENDE-EN GEAFFEKTEERDE PARTY REGISTRASIE VORM

| | |
|-------------------------|--|
| EIMS Verwysing # | 1304-1 |
| Projek Titel | Black Mountain Mining Prospekteerreg Aansoek |
| Aansoek Area | Gifkop |

VOLTOOI ASSEBLIEF HIERDIE VORM EN STUUR AAN:

Environmental Impact Management Services (Pty) Ltd (EIMS)
 Aandag: GP Kriel
 Faks: (086) 571-9047
 Tel: (043) 722-7572
 Epos: gifkop@eims.co.za
 Posadres: Posbus 19731, Tecoma, 5214, Suid Afrika

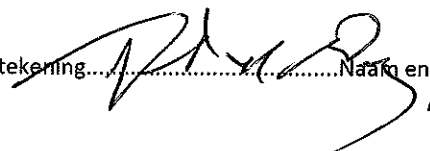


Hierdie vorm dien as registrasie vorm vir alle Belanghebbende- en Geaffekteerde Partye (B & GP'e) wat wil registreer vir die bogenoemde projek, en om insette te lewer en betrokke te raak by die projek. Hierdie vorm sal voortgesit word aan die bevoegde owerheid tydens die besluitnemings proses.

| | | | | |
|--|---|------------------------------------|------------------------------|--------------|
| Titel: Mnr | Volle naam en van: | Johannes Paulus van der Westhuizen | | |
| Kontak Besonderhede | Tel (w): | 027 662 9845 | Tel (h): | 027 642 1013 |
| | Faks: | | Sel: | |
| | Epos: | annalie@lombardenkies.co.za | | |
| | Posadres: | Louisa Nuwelus 8201 | Posbus 14 Nuwelus 8201 | |
| Organisasie en/of eiendom beskrywing (in geval van grondeienaar/wettige grond bewoner) | Individu Plaas | | | |
| Rede vir u belangstelling in die bogenoemde projek (u is welkom om addisionele bladsye hierby aan te heg, indien nodig): | | | | |
| | | | | |
| Voltooi asseblief die onderstaande vraelys. U insette sal in ag geneem word tydens die Omgewings Impak Bepalings Proses. U is welkom om addisionele bladsye hierby te heg indien nodig. | | | | |
| Is u 'n wettige grondeienaar of inwoner op die eiendom wat binne die aansoek area val? | Ja | | | |
| Is u bewus van enige gemeenskappe of grond bewoners (insluitend werknemers) wat op u eiendom of in die aansoek area woon? Indien wel, verskaf asseblief kontakbesonderhede. | Nee | | | |
| Is u bewus van enige stamowerhede wat op of binne die aansoek area woon? Indien ja, verskaf asseblief Kontakbesonderhede? | Nee | | | |
| Is u bewus van enige ander B&GP'e wat in kennis gestel moet word van die projek? Indien ja, verskaf asseblief kontakbesonderhede? | Nee | | | |
| Verskaf asseblief 'n beskrywing van die grond gebruik op u eiendom (landbou aktiwiteite, weiding, | Boer met lewende hawe Geen aangeplante weiding | | | |

| | |
|---|---|
| infrastruktuur ens.) sowel as 'n kort beskrywing van die area (plantegroei, topografie, infrastruktuur, sensitiewe fauna/flora)? | Natuurlike bossies & gras Woonhuis & opstal Geen sensitiewe fauna & flora |
| Is u bewus van enige huidige of toekomstige ontwikkeling binne die aansoek area wat moontlik relevant kan wees aan die voorgesteide projek? | Nee |
| Is u bewus van enige kulturele of erfenis kenmerke (insluitend grafte, historiese geboue ens.) binne die aansoek area en omliggende gebiede? Indien ja, verskaf asseblief die ligging en 'n beskrywing. | Nee |
| Beskryf asseblief enige bio-fisiese en/of sosio-ekonomiese impakte wat u glo tydens die Impak Studie in ag geneem moet word? | — |
| Verskaf asseblief enige maatreëls wat u glo geïmplementeer moet word om die geantisepeerde bio-fisiese en sosio-ekonomiese impakte van die voorgestelde aktiwiteit te mitigeer? | Indien openinge in grond gemaak word, moet dit toegemaak word om diere en gesig van omgewing te beskerm/bewaar. |
| Het u enige spesifieke bekommernisse, kommentaar of besware aangaande die voorgestelde projek, indien ja, verskaf asseblief 'n verduideliking? | — |
| Algemene opmerkings/kommentaar: | |
| | |

EIMS versoek dat u asseblief hierdie vorm voltooi en terugstuur aan EIMS by die bogenoemde adres, as 'n bevestiging dat u die kennisgewing rakende die bogenoemde projek ontvang het, en om te verseker dat u kommentaar/ bekommernisse en insette in ag geneem word. Neem asb. kennis dat slegs geregistreerde B&GP'e ingesluit sal word by toekomstige korrespondensie in verband met hierdie projek.

Handtekening..........Naam en Van..... Paul van der Westhuizen.....Datum..... 30/08/19.....



OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: NORTHERN CAPE

Hyesco Arcade, 4-8 Old Main Road, Kimberley, 8300 | PO Box 2458, Kimberley, 8300

Tel: (053) 807 5700 | Fax: (053) 831 6501

Enquiries: **Pabalelo Mokale**

EIMS

P O BOX 19731

Tecoma

East London

5214

andisiwe@eims.co.za

Dear Mr / Ms A Stuurman

LAND CLAIMS ENQUIRY

- **Farm Doels Vley 161 portion 1 Calvinia RD 2002,856118 in the Northern Cape Province.**
- **FARM Wiel Kolk 162 portion 0 Calvinia RD 1723,804067 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 0 RE Calvinia RD 9900,733147 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 1 Calvinia RD 8571,290413 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 2 Calvinia RD 8598,744804 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 3 RE Calvinia RD 4797,919502 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 4 RE Calvinia RD 3215,062565 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 5 RE Calvinia RD 2772,254526 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 6 Calvinia RD 11333,04917 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 7 Calvinia RD 2168,292651 in the Northern Cape Province.**
- **Farm Gifkop 166 portion 8 Calvinia RD 4523,208891 in the Northern Cape Province.**

- Farm Gifkop 166 portion 9 Calvinia RD 554,960605 in the Northern Cape Province.
- Farm Gifkop 166 portion 10 Calvinia RD 565,77058 in the Northern Cape Province.
- Farm Gifkop 166 portion 11 Calvinia RD 3564,82563 in the Northern Cape Province.
- Farm Gifkop 166 portion 12 Calvinia RD 3771,057983 in the Northern Cape Province.
- Farm Paul Se Vley 167 portion 0 Calvinia RD 8237,317651 in the Northern Cape Province.
- Farm Tweeling 168 portion 0 Calvinia RD 3647,09889 in the Northern Cape Province.
- Farm Tweeling 168 portion 1 Calvinia RD 3679,449156 in the Northern Cape Province.
- Farm Annex Koffie meul 169 portion 1 Calvinia RD 299,662049 in the Northern Cape Province.
- Farm Annex Koffie meul 170 portion 0 RE Calvinia RD 3697,617482 in the Northern Cape Province.
- Farm Annex Koffie meul 170 portion 1 Calvinia RD 4007,591845 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 0 RE Calvinia RD 12122,93286 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 1 Calvinia RD 12135.63083 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 2 Calvinia RD 6038.50704 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 3 Calvinia RD 2391.011479 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 4 Calvinia RD 1472.643465 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 5 Calvinia RD 1147.322511 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 6 Calvinia RD 2327.361793 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 7 Calvinia RD 3776.592667 in the Northern Cape Province.
- Farm Kapsvlei 174 portion 8 Calvinia RD 2323.931687 in the Northern Cape Province.
- Farm Blaauw pan 175 portion 0 Calvinia RD 8382.488799 in the Northern Cape Province.
- Farm Hoepel 180 portion 0 RE Calvinia RD 3283.250155 in the Northern Cape Province.
- Farm Hoepel 180 portion 1 Calvinia RD 5639.188171 in the Northern Cape Province.
- Farm Hoepel 180 portion 2 Calvinia RD 1868.732534 in the Northern Cape Province.
- Farm Groot Zevenfontein West 181 portion 0 Calvinia RD 8448.556192 in the Northern Cape Province.
- Farm Lospers Plaats 218 portion 0 RE Calvinia RD 4491.872035 in the Northern Cape Province.

- Farm Lospers Plaats 218 portion 0 RE Calvinia RD 2695.115949 in the Northern Cape Province.
- Farm Lospers Plaats 218 portion 1 RE Calvinia RD 6660.830913 in the Northern Cape Province.

We refer to your letter received: **23 July 2019**.

We confirm that as at the date of this letter that no land claim appears on our database in respect of the Property this includes the database for claims lodged by 31 December 1998; and those lodged between 1 July 2014 and 27 July 2016 in terms of the Restitution of Land Rights Amendment Act, 2014.

Whilst the Commission takes reasonable care to ensure the accuracy of the information it provides, there are various factors that are beyond the Commission's control, particularly relating to claims that have lodged but not yet been gazetted such as:

- 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 actual property description they claim dispossession of rights in land against.

The Commission therefore does 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 so as to enable us to do a further search.

Yours faithfully



Ms. M. Du Toit

Chief Director: Land Restitution Support-Northern Cape

Date: 26.07.2019

Subject: Re: GPK/gpk/1304
From: EIMS Gifkop <gifkop@eims.co.za>
Date: 2020/01/06, 14:46
To: Hannes van Zyl <hannes@solek.co.za>
CC: callie@solek.co.za, wiehann@solek.co.za

Goeie dag Mr Van Zyl,

Ek verwys na u e-pos hieronder.

Baie dankie vir u e-pos en dankie vir u deelname aan ons proses. Soos verduidelik in die dokumente aan u gestuur, is Black Mountain Mining Besig met 'n aansoek om prospektering te doen in die Gifkop area (sien die kaart aan u deurgestuur). As deel van hierdie aansoek gee EIMS u dus 'n geleentheid om kommentaar te lewer op die aansoek. Ons sal ook binnekort ons verslae aan die publiek beskikbaar maak en u geleentheid gee om kommentaar daarop te lewer.

Ek wil bevestig dat die aansoek slegs vir prospektering is op hierdie stadium en geen mynbou is by hierdie aansoek ingesluit nie.

Sou die aansoek suksesvol wees en die Departement goedkeuring gee vir die prospektering, dan, in terme van toegang het ons onder andere voorgestel in ons maatreëls, dat daar 'n formele skriftelike ooreenkoms opgestel moet word met die grondeienaar voordat die aansoeker toegang tot 'n grondgedeelte verkry.

Daarna, moet grondeienaars ook in kennis gestel word voordat aktiwiteite op die grondgedeelte plaasvind en 'n datum en tyd moet ooreengekom word met die grondeienaar.

In terme van vergoeding, sal u as die grondeienaar moet bewys lewer aan die Area Bestuurder van die Department van Minerale Hulpbronne, dat u verlies gaan ly or gely het, waarna die Area Bestuurder 'n besluit sal neem of vergoeding geregverdig word in die betrokke geval.

Weereens dankie vir u deelname aan ons proses. Kontak ons gerus indien u enige verdere kommentaar in hierdie verband het.

Vriendelike Groete,

GP KRIEL



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From: Hannes van Zyl [<mailto:hannes@solek.co.za>]
Sent: Thursday, September 5, 2019, 10:04
To: <gifkop@eims.co.za>
Cc: <callie@solek.co.za>, <wiehann@solek.co.za>
Subject: GPK/gpk/1304

GP Kriel,

Goeie dag.

Ek verwys na dokument in skrywe dateer 18 Julie, wat by my 2weke geled geland het.
Agv my afwesigheid uit kantoor, sal ek eers oor twee weke kan reageer.

Sal jy asb die regte aan my en julle kant in boeretaal uitspel. Nooit onwillig om te help waar kan.
Is daar enige vergoeding, reg tot toegang, beheer, boerdery gebruik tydens werk, ens, ens....

Baie dankie ,
Hannes

Hannes van Zyl

Director, CEO

hannes@solek.co.za

(+27) 086 124 2327 (Office)

(+27) 082 788 3222 (Cell)

Solek

Renewable Energy Engineers

Est. 1988

www.solek.co.za

Subject: Re:

From: EIMS Gifkop <gifkop@eims.co.za>

Date: 2020/01/06, 14:49

To: Hannes van Zyl <hannes@solek.co.za>

Goeie dag Mr Van Zyl,

Dankie vir u e-pos. Ek het vroeër vandag probeer skakel on die projek met u te bespreek.

Laat weet asb indien u enige verdere kommentaar het rakende die projek.

Vriendelike groete,

GP KRIEL



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From: Hannes van Zyl [<mailto:hannes@solek.co.za>]

Sent: Thursday, November 7, 2019, 23:29

To: gifkop@eims.co.za

Subject:

Please come and visit me, us that are involved.

Regards.

Hannes vZ

Subject: Re: NC30/5/1/1/2/12388PR
From: EIMS Gifkop <gifkop@eims.co.za>
Date: 2020/01/06, 12:59
To: gary@workinfo.com

Good day Mr Watkins,

This email serves to confirm that you have been registered as an interested and affected party for this project.

A copy of the Draft BAR and EMPr will be made available in due course.

Kind regards,

GP KRIEL



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From: [<mailto:gary@workinfo.com>]
Sent: Tuesday, September 3, 2019, 20:22
To: <gifkop@eims.co.za>
Subject: NC30/5/1/1/2/12388PR

Environmental Impact Management Services (Pty) Ltd (EIMS)
P.O. Box 19731, Tecoma, 5214
Phone: 043 722-7572 /
Fax: 086 571 9047
Contact: GP Kriel
Email: gifkop@eims.co.za

Please register the writer as an interested and affected party and forward a copy of the draft BAR and EMPr for review.

Best regards
Gary Watkins
Email: gary@workinfo.com
Tel: 010 035 4185 | Cel: 082 416 7712 | Fax: 086 689 7862
<http://www.workinfo.com> | <http://www.caselaw.co.za> |

Subject: Re: Black Mountain Mining
From: EIMS Gifkop <gifkop@eims.co.za>
Date: 2020/01/06, 15:56
To: Nina Pretorius <nina_pretorius@yahoo.com>

Good day Ms Pretorius,

Thank you for your comments with regards to the above application. This email serves to confirm that you have been registered as an interested and affected party for this project.

It should be noted that this application and associated environmental processes only relate to prospecting and will not include any mining activities at this stage. As such, the impacts will for the most part be localised and include non-invasive prospecting methods initially, to be followed up by invasive prospecting methods (e.g. drilling of boreholes) later on, if suitable deposits are identified using the non-invasive methods.

Please find below our responses to your comments.

1 What are the mitigation processes for the environment with the removal of indigenous vegetation as well as is the vegetation endangered or threatened to be endangered?

Owing to the fact that the invasive prospecting will take place at a limit amount of sites (e.g. approximately 10 sites), the physical disturbance of vegetation will be limited to the clearing of a working area for the drilling equipment as well as temporary access roads where no existing roads are available. These areas will have to be sited outside of areas identified as sensitive as identified during our studies and will be subject to rehabilitation in accordance with the requirements of the Environmental Management Programme (EMPr) being compiled for this development.

2 What are the procedures to keep the air pollution at a low level. Is the company going to apply for an air use license?

Since this application only entails the application for prospecting activities, the impact on air quality will mainly entail the generation of dust from invasive prospecting right activities, which, due to the limited amount of sites and limited vegetation clearance, is anticipated to be of low significance. Further to this, measures have been included in the EMPr to further reduce the impact by minimizing vegetation clearance, adherence to dust control mechanisms (e.g. dust suppression), covering of stockpiles (where relevant), servicing of vehicles, adherence to speed limits and effective rehabilitation of the temporary areas.

It is understood that no Atmospheric Emissions Licence is required for this project at this time.

3 The pollution of underground water. The mining within this area is located near a large water body source does not only affect the quality of the water but the supply of water within the area. What is the water impact assessment of the use of the water.

It is understood that the majority of the area is classed as a minor aquifer system with potentially poor water quality and low expected yields, there are existing groundwater users for which boreholes could be the only water source. Potential impacts that have been identified with regard to geohydrology are degradation of aquifers, impacts on existing groundwater users and impacts on surface water features. Proposed mitigation measures include undertaking a detailed hydrocensus to include surface water features. Once the exact drilling positions are known (to be determined by the results of the non-invasive prospecting activities) and the hydrocensus completed, the geohydrological report will be updated and include an assessment of potential aquifers that could be penetrated by the drilling and whether mixing the water of these aquifers can lead to degradation of any of the aquifers penetrated.

4 What will be done with the waste generation? How will this be disposed of?

The prospecting activities will generate small amounts of general and hazardous waste during the operational phase. This waste will be collected and stored in appropriate containers to be disposed of at appropriate landfill sites in line with the requirements of the EMPr.

We thank you for your contribution to our process. Please do not hesitate to contact EIMS with any further queries regarding this project.

Kind regards,

GP KRIEL



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From: Nina Pretorius [mailto:nina_pretorius@yahoo.com]

Sent: Monday, September 9, 2019, 21:14

To: gifkop@eims.co.za <gifkop@eims.co.za>

Subject: Black Mountain Mining

Gifkop

reference number: 1304-1

To whom it may concern

I would like to be an interested and affected party for this proposed project of mining at gifkop

My concerns are with the surrounding community and the environment which will be affected with the proposed activity to take place in order to obtain the minerals.

- 1 What are the mitigation processes for the environment with the removal of indigenous vegetation as well as is the vegetation endangered or threatened to be endangered?
- 2 What are the procedures to keep the air pollution at a low level. Is the company going to apply for an air use license?
- 3 The pollution of underground water. The mining within this area is located near a large water body source does not only effect the quality of the water but the supply of water within the area. What is the water impact assessment of the use of the water.
- 4 What will be done with the waste generation? How will this be disposed of

GP Kriel

From: GP Kriel <gp@eims.co.za>
Sent: Thursday, 09 January 2020 08:58
To: Busang Sethole
Cc: Selaelo Matlhane; Musa Baloye; Andisiwe Stuurman; Jaco Smit; Alan Johnson
Subject: Re: Prospecting within the Karoo Astronomic Advantage Areas
Attachments: BMM Sarao Assessment Request 2020Jan08_Final-signed.pdf

Good day Busang,

Our previous correspondence regarding the above refers.

As per your request below, please find attached a letter requesting a risk assessment based on the details of the equipment provided.

Please be so kind as to advise any further information requirements in this regard.

Kind regards,

GP KRIEL



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On Fri, 6 Sep 2019 at 11:50, Busang Sethole <bsethole@ska.ac.za> wrote:

Good Day

apologies, i have just found your correspondence in spam folder.

Thanks for the information you have provided here. It does not sound like there will be issues with the survey equipment itself or any radio communication as you have indicated that the bands falls outside the regulated bands.

A little concern is with the unintentional electromagnetic emissions from the equipment itself, the CISPR value normally given in dBuV/m. In our previous assessment this has shown that it will be a high risk to the SKA at certain lower survey heights and even bigger risk to MeerKAT at higher survey levels.

If you are seeking a formal response from SARAO, please submit a formal letter requesting risk assessment, this should include a brief description of the project, time schedule as well as planned survey heights. Because you have not submitted the EMI limits of your equipment, I will use the worst case CISPR values. Then we will provide the feedback with priority.

Busang Sethole

Spectrum and Telecommunications Analyst

South African Radio Astronomy Observatory (SARAO)

Address: 17 Baker Street,

Rosebank, Johannesburg, 2196

Tel: [+27 \(0\) 11 268 3449](tel:+27(0)112683449) | Cell [+27 \(0\) 79 465 5064](tel:+27(0)794655064)

Email: bsethole@ska.ac.za

Website: www.ska.ac.za

On Mon, Aug 5, 2019 at 10:35 AM GP Kriel <gp@eims.co.za> wrote:

Good day Busang,

Our email correspondence below has reference.

It is understood that all electrical and electromagnetic (EM) geophysical techniques that will be employed for mineral exploration fall well below the frequencies stated in the Regulations on the Protection of the Karoo Central Astronomy Advantage Areas in Terms of the Astronomy Geographic Advantage Act (Act No. 21 of 2007). Higher frequencies don't penetrate the earth and is not used in EM induction or electrical techniques.

For time-domain EM the proposal is to inject current in a transmitter loop (either in the air or on the ground). The current will then be switched off and the secondary EM fields induced in the nearby subsurface will be measured. These fields can take up to 1 second to decay. Attempts are made to switch the current off quickly to generate higher frequency content to image the near surface well. The highest frequencies, however, are well below the MHz Range, as detailed above.

For electrical techniques it is proposed to effectively transmit a DC current between 2 electrodes. The corresponding voltage difference measured with electrodes at the surface of the earth is then used to calculate an apparent resistivity of the subsurface.

In the Induced polarisation method the DC current is switched off. The presence of polarisable and conductive material is mapped if the current doesn't directly decay to zero.

In the Magnetotelluric method, measurements of the passive (natural) EM fields generated by telluric and lightning activity are made. Occasionally a source / transmitter is used, but typically transmit below 1 kHz.

Please find attached a google earth file showing the extent of area. The Area has been broken up into six application areas.

Please be so kind as to advise on the way forward with regards to the SKA Areas.

Should you have any queries or concerns, please do not hesitate to contact EIMS.

Sincerely,

GP KRIEL



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From: Busang Sethole [<mailto:bsethole@ska.ac.za>]

Sent: Monday, June 10, 2019, 10:12

To: gp@eims.co.za

Cc: Selaelo Matlhane <smatlhane@ska.ac.za>, Musa Baloye <mbaloye@ska.ac.za>

Subject: Prospecting within the Karoo Astronomic Advantage Areas

Good Day

Thank you kindly for your inquiry,

May you kindly send the coordinates of the location of the surveying as well as the type of electrical equipment and radio-communication devices that will be used in the process.

BR,

Busang Sethole

Spectrum and Telecommunications Analyst

South African Radio Astronomy Observatory (SARAO)

Address: 17 Baker Street,

Rosebank, Johannesburg, 2196

Tel: [+27 \(0\) 11 268 3449](tel:+270112683449) | Cell:[+27 \(0\) 79 465 5064](tel:+270794655064)

Email: bsethole@ska.ac.za

Website: www.ska.ac.za

On Sun, Jun 9, 2019 at 9:13 PM Adrian Tiplady <atiplady@ska.ac.za> wrote:

Hi,

I have copied my colleagues who will be able to assist on the application process. If you could please send a set of coordinates, shapefile or google earth kmz file that would be a good start.

Many thanks,

Adrian

On 2019/06/07 06:41, Tracy Cheetham wrote:

Dear Sir

I am copying my colleague, Dr Adrian Tiplady who will be able to respond to your request.

Best regards

Tracy

From: GP Kriel [mailto:gp@eims.co.za]

Sent: 06 June 2019 04:25 PM

To: tcheetham@ska.ac.za

Subject: Prospecting within the Karoo Astronomic Advantage Areas

Good day Ms Cheetham,

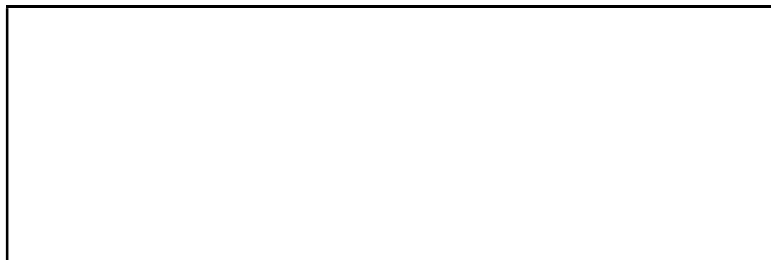
We have been appointed to conduct a Prospecting Right Application. It now appears that the proposed application area falls within the Karoo Astronomic Advantage Areas, but outside of the Karoo **Core** Astronomic Advantage Areas gazetted in 2010. With reference to the "REGULATIONS ON THE PROTECTION OF THE KAROO CENTRAL ASTRONOMY ADVANTAGE AREAS IN TERMS OF THE ASTRONOMY GEOGRAPHIC ADVANTAGE ACT, 2007" it is understood that there would be some restriction on certain frequencies and possibly some exemptions.

We would appreciate your guidance on the way forward with regards to the application process and the required information or studies for such an application.

Should you have any queries or concerns in this regard, please do not hesitate to contact me.

Sincerely,

GP KRIEL



| | | |
|----------|--|---|
| T | +27 43 722 7572 | Ground Floor, Regus Business Centre, 14 Stewart Drive, Berea, East London |
| M | +27 82 323 3499 | |
| F | +27 86 571 9047 | |
| E | gp@eims.co.za | PO Box 19731, Tecoma, 5214, ZA |
| W | www.eims.co.za | |

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Dr. Adrian Tiplady
SKA South Africa
Johannesburg
+27 11 442 2434
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www.ska.ac.za

Mr Musa Baloye
South African Radio Astronomy Observatory (SARAO)
17 Baker Street
Rosebank
Johannesburg
08th January 2020

Dear Mr Baloye,

**REQUEST FOR A RISK ASSESSMENT FOR PLANNED EXPLORATION ACTIVITIES WITHIN THE
KAROO CENTRAL ASTRONOMY ADVANTAGE AREAS**

Black Mountain Mining (Pty) Ltd is currently applying for a number of prospecting rights (PR) located between the towns of Kenhardt in the East and Springbok in the West (Figure 1). A number of exploration activities are proposed for the duration of the PR validity. These would include:

1. **Airborne Geophysical Surveys**, utilising either a fixed-wing or helicopter-borne time-domain electromagnetic system. Systems under consideration are: Geotech's VTEMMax, Spectrem's SpectremPlus and Skytem's SkyTEM312HP
2. **Ground Based Geophysical Surveys**. Active techniques could include Time-Domain Electromagnetics, Resistivity / Induced Polarisation and Controlled-Source Audio Magnetotellurics.
3. **Drilling** and;
4. **Communication**

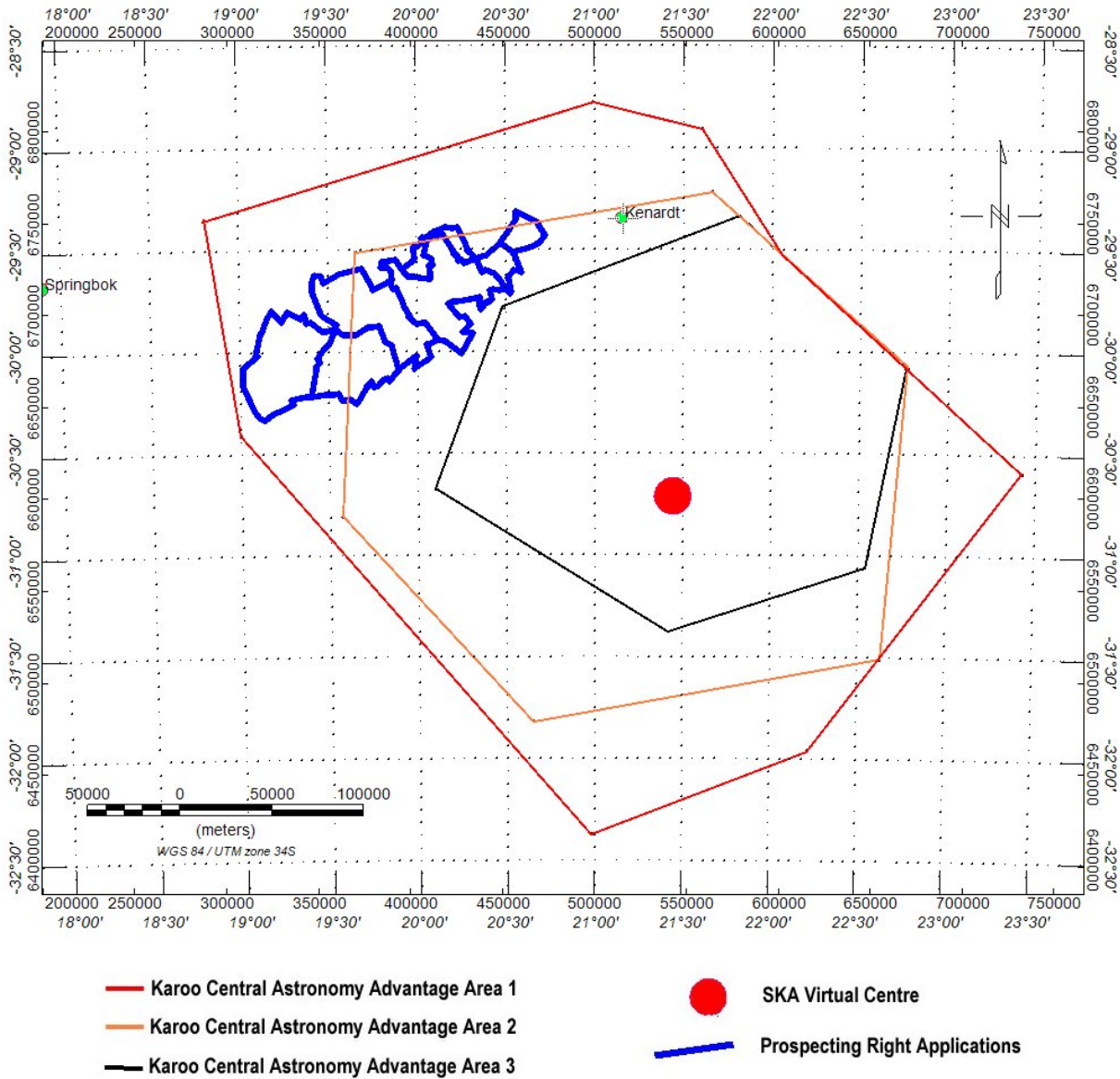


FIGURE 1. MAP OF PROSPECTING RIGHTS APPLICATION IN RELATION THE KAROO CENTRAL ASTRONOMY ADVANTAGE AREAS.

Below is a general description of each of the proposed geophysical techniques.

Time-domain Electromagnetics

In time-domain EM a current pulse is injected in a loop (either in the air or on the ground). The current is then switched off and the secondary EM fields induced in the nearby subsurface measured. These fields can take up to 1 second to decay. Attempts are made to switch the current off quickly to generate higher frequency content to image the near surface well. The highest frequencies, however, are well below the MHz Range.

Resistivity and Induced Polarisation (IP)

In resistivity surveys a direct current flows between 2 electrodes in the ground. The corresponding voltage difference, measured with electrodes at the surface of the earth, is then used to calculate an apparent resistivity of the subsurface.

In the Induced polarisation method the DC is switched off. The presence of polarisable and conductive material is mapped if the current doesn't instantly decay to zero.

Controlled-Source Audio Magnetotellurics

In the Magnetotelluric method, measurements of the passive (natural) EM fields generated by telluric and lightning activity are made. Occasionally a source / transmitter is used, that typically transmit below 1 kHz.

Request for assessment

In terms of our planned activities, permission is requested to proceed with the following:

1. Airborne Geophysical Surveys

It is planned to fly the airborne time-domain electromagnetic surveys during 2020/2021. Sortie times will be between 5:00 am in the morning and 19:00pm in the evenings. We can provide firm survey schedules once the PR's have been executed and survey contracts finalised. The chosen airborne contractor will obtain the necessary CAA approvals and can make daily detailed flight plans available.

Below is a generic description of the airborne systems currently under consideration.

| Details of type of electromagnetic interference | Airborne Time-domain Electromagnetic Survey |
|---|--|
| Site Name | New prospecting rights application (Figure 1) |
| Environmental Authorisation number | Pending |
| Municipality / nearest town | Kenhardt |
| Type of equipment | Time-domain Electromagnetic utilising a fixed-wing (SpectremPlus) or helicopter (VTEMMax and SkyTEM312HP) |
| Brand Name | Skytem, Spectrem, VTEM |
| Transmitter height | Spectrem (91m) / VTEM and Skytem (<50m) |
| Model Numbers | VTEMMax, SkyTEM312HP, SpectremPlus |
| Electrical Power Rating | ~55 kVA (System dependant. Can be clarified as soon as system has been selected) |
| EMC Standard | N/A |
| Geographic Location | Inside new prospecting rights application (Figure 1) |
| Highest emission level (dBm) | |
| Frequency of Highest emission level | 25 Hz |
| Comment | Due to low operating frequency can be considered as a standard electrical installation in terms of Schedule D, 3(5) of The Act |

It is our understanding that, in terms of the Astronomy Geographic Advantage Act of 2007 (Act No. 21 of 2007, Schedule D, 3(5)), all electrical installations < 100 kVA are exempt from requiring a permit and that the only concern would be unintended electromagnetic emissions from these electrical installation.

2. Ground based Geophysical Surveys

The ground geophysical surveys will mainly consist of time-domain electrometric surveys but could be supplemented with resistivity / IP and magnetotelluric surveys. The surveys will commence in 2020 and continue throughout the PR validity over the next 5 years, as surveys are often conducted in conjunction with exploration drilling.

Below are the specifications of the ground based time-domain electromagnetic transmitter that can also be utilised for resistivity and IP surveys.

| Details of type of electromagnetic inference | Ground based Time-domain Electromagnetic Survey |
|--|--|
| Site Name | New prospecting rights application (Figure 1) |
| Environmental Authorisation number | Pending |
| Municipality / nearest town | Kenhardt |
| Type of equipment | Time-domain Electromagnetic utilising a ground based transmitter typically injecting 90 A in a 1km x 1km loop |
| Brand Name | GAP (GAPGEO) |
| Transmitter height | 0m (ground level) |
| Model Numbers | HPTX-70 or similar |
| Electrical Power Rating | <80 kVA |
| EMC Standard | N/A |
| Geographic Location | Inside new prospecting rights application (Figure 1) |
| Highest emission level (dBm) | |
| Frequency of Highest emission level | 0.5 Hz |
| Comment | Due to low operating frequency (<1 Hz) can be considered as a standard electrical installation in terms of Schedule D, 3(5) of The Act |

3. Drilling

Standard commercially available RC and diamond drill rigs to be used. All electrical installations would be well below the 100 kVA specified under Schedule D, 3(5) of The Act.

4. Communication

In terms of Schedule B 7(1)(f) of The Act a permit application is requested to allow for the use of satellite phones for essential communication in areas without cell phone reception. This would be critical to ensure safe execution of our exploration activities.

Below are the specification of the satellite phones

| Details of type of electromagnetic interference | Satellite Phone Communication |
|---|--|
| Site Name | New prospecting rights application (Figure 1) |
| Environmental Authorisation number | Pending |
| Municipality / nearest town | Kenhardt |
| Type of equipment | Satellite Phone |
| Brand Name | Iridium / Inmarsat |
| Transmitter height | Ground Level |
| Model Numbers | Iridium 9555 / Inmarsat ISAT2 |
| EMC Standard | IEC60945 (9&10) |
| Geographic Location | Inside new prospecting rights application (Figure 1) |
| Electrical Power Rating | 7 W (max) |
| Highest emission level (dBm) | 42.46 (Iridium 9555) 33.5 (Inmarsat ISAT2) |
| Frequency of Highest emission level | 1.616 GHz to 1.6265 GHz (Iridium 9555) 1.6265-1.6605 GHz (Inmarsat ISAT2) |
| Comment | |

In addition to the satellite phones it is proposed to use cell phones where there is cell signal and short-range two-way radios (Motorola XT180 or similar)

Kindly advise if any additional supporting documentation might be required or if a compliance assessment would be required for any of the proposed activities.

We can provide firm survey schedules, especially for any planned airborne geophysical surveys, once the PR's have been executed and survey contacts finalised.

Best Regards,



Jaco Smit

Principle Geophysicist – Minerals Exploration



Vedanta Zinc International

11th Floor, The Forum, 2 Maude Street, Sandton, Johannesburg, Gauteng, 2196, South Africa

Email: JSmit@vedantaresources.co.za | Tel: +27 11 685 3965 Fax: +27 86 772 5863 | Mobile: +27 83 235 3397

Subject: Re: NOTIFICATION REGARDING AN APPLICATION FOR A PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORISATION SEVERAL FARM PORTIONS (AREA 1- GIFKOP) WITHIN THE NAMAKWA DISTRICT MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

From: Musa Baloye <mbaloye@ska.ac.za>

Date: 2019/09/12, 13:38

To: gifkop@eims.co.za

CC: Selaelo Matlhane - SKA <smatlhane@ska.ac.za>, Busang Sethole <bsethole@ska.ac.za>, Adrian Tiplady <atiplady@ska.ac.za>, Thato Nape <tnape@ska.ac.za>

Dear G.P Kriel

Kindly find attached letters from SARAO.

Regards,

On Thu, Aug 8, 2019 at 4:25 PM Selaelo Matlhane - SKA <smatlhane@ska.ac.za> wrote:

----- Forwarded message -----

From: Adrian Tiplady <atiplady@ska.ac.za>

Date: Thu, 8 Aug 2019 at 07:00

Subject: Fwd: NOTIFICATION REGARDING AN APPLICATION FOR A PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORISATION SEVERAL FARM PORTIONS (AREA 1- GIFKOP) WITHIN THE NAMAKWA DISTRICT MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

To: Selaelo Matlhane <smatlhane@ska.ac.za>, Busang Sethole <bsethole@ska.ac.za>

Cc: tshegofatso Monama <temonama@ska.ac.za>

----- Forwarded Message -----

Subject:NOTIFICATION REGARDING AN APPLICATION FOR A PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORISATION SEVERAL FARM PORTIONS (AREA 1- GIFKOP) WITHIN THE NAMAKWA DISTRICT MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

Date:Wed, 7 Aug 2019 20:50:40 +0200

From:EIMS Gifkop <gifkop@eims.co.za>

Reply-To:gifkop@eims.co.za

Organization:EIMS

Dear Interested and Affected Party,

Environmental Impact Management Services (Pty) Ltd (EIMS) has been appointed by Black Mountain Mining (Pty) Ltd – hereafter referred to as the applicant – to prepare and submit a Basic Assessment Report (BAR), Environmental Management Programme (EMPR), as well as an Integrated Interested and Affected Party (I&AP) Consultation process, in support of a prospecting right application and Environmental Authorisation.

The prospecting right application will be undertaken in accordance with the requirements of the Minerals and Petroleum Resources Development Act (Act 28 of 2002, as amended) (MPRDA) and the associated regulations, and the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the associated regulations, and has been lodged at the Department of Mineral Resources (DMR) – Northern Cape.

The applicant, Black Mountain Mining (Pty) Ltd, is applying for a prospecting right application in order to ascertain if economically viable mineral deposits exist within the application area for the following: Ferrous & base metals (Copper, Iron, Lead, Zinc, Manganese, Nickel, Molybdenum) and all associated metals and minerals, precious metals (Gold, Silver) and all associated metals and minerals. Both non-invasive and invasive prospecting techniques will be utilized.

The Gifkop Application Area covers an area of about 177 468 hectares. The area is located approximately 75 to 120 kilometers South East of the town of Aggeneys and 130 kilometres East South East of the town of Springbok, Namaqualand District, Northern Cape Province. The affected farm portions are provided in the attached background information document. It should be noted that these properties may change after acceptance of the Prospecting Right Applications by the DMR. Should the application area change, the updated properties will be provided in the draft Basic Assessment Report which will be available for public comment.

The application for a prospecting right and environmental authorisation process will be carried out as stipulated in Section 16 of the MPRDA and Chapter 4 of the Environmental Impact Assessment (EIA) Regulations, 2014 (GNR 326) promulgated under the NEMA. A public notification and involvement process is being carried out as part of the process.

This notice is in accordance with clause 16 of the MPRDA and Chapter 6 of EIA Regulations, 2014, which requires that Black Mountain Mining (Pty) Ltd notify in writing and consult with the land owner or lawful occupier and any other affected party. In this regard, **we would like to ask the landowners to please notify their respective property occupiers about the proposed development or send us the occupiers' contact details so that we may notify them and include them in the Public Participation Process for this project.** The results of the consultation will be included in the BAR submission in order for the DMR to adjudicate on the application.

Interested and Affected Parties (I&AP's) are provided an opportunity to register and comment on the proposed activity and application. In order to ensure that you are identified and registered as an interested and affected party (I&AP) please submit your name, contact details and the reason for your interest, in writing or telephonically, to Environmental Impact Management Services (Pty) Ltd (Contact details are provided at the end of this letter). Please include the project reference number 1304-1 in all correspondence.

Please note that only registered I&AP's will be informed of any project information. Comments will be included in the final BAR, to be submitted to the DMR at the end of the process. Please

include comments, concerns and suggestions to be submitted and considered by the DMR.

Should you have concerns or comments (including those relating to environmental and social impacts) please include them in the attached questionnaire. A copy of the background information document has also been included for your information.

Any queries, comments, or concerns with regards to this application can be directed to EIMS at:

- Contact person: GP Kriel
- E-mail: gifkop@eims.co.za
- Fax: 086 571 9047
- Tel: (043) 722 7572
- Postal address: P.O. Box 19731, Tecoma, 5214
- Reference no: 1304-1

Please feel free to contact the undersigned if you have any queries or concerns.

Sincerely,

GP Kriel

--

Musa Baloye

Project Coordinator

South African Radio Astronomy Observatory (SARAO)

17 Baker Street, Rosebank, Johannesburg, 2196

Email: mbaloye@ska.ac.za

Website: www.ska.ac.za

— Attachments: —

| | |
|--|--------|
| 1304_Area 1 IAP Questionnaire_20190807_GP.pdf | 582 kB |
| 1304_Area 2 IAP Questionnaire_20190718_GP - signed.pdf | 581 kB |
| 1304_Area 5 IAP Questionnaire_20190718_GP (1).pdf | 581 kB |
| 1304_Area 3 IAP Questionnaire_20190718_GP - signed.pdf | 581 kB |
| 1304_Area 4 IAP Questionnaire_20190718_GP - signed.pdf | 582 kB |

INTERESTED AND AFFECTED PARTIES REGISTRATION FORM

| | |
|-------------------------|---|
| EIMS Ref #: | 1304-1 |
| Project Title: | Black Mountain Mining Prospecting Right Application |
| Application Area | Gifkop |

PLEASE COMPLETE AND RETURN TO:
 Environmental Impact Management Services (Pty) Ltd
 Attention: GP Kriel
 Fax: (086) 571-9047
 Phone: (043) 722-7572
 E-Mail: gifkop@eims.co.za
 Postal Address: P.O. Box 19731, Tecoma, 5214, South Africa

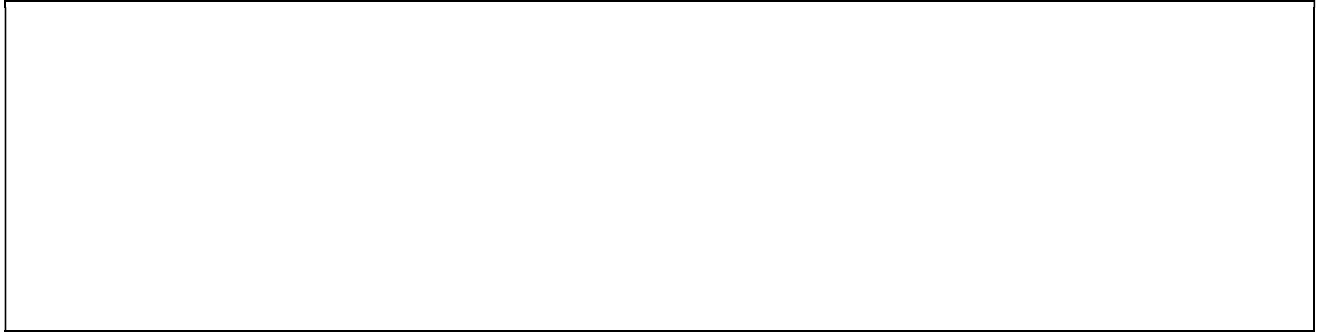


This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

| | | | | | |
|---|------------------------|---|------------------|--------------|--|
| Title: | Mr | Full name and surname: | Selaelo Matlhane | | |
| Contact details | Tel (w): | 011 442 2434 | Tel (h): | N/A | |
| | Fax: | N/A | Cell: | 082 565 2071 | |
| | E-mail: | smatlhane@ska.ac.za | | | |
| | Postal Address: | 17 BAKER STREET SKA OFFICE 1 ST FLOOR ROSEBANK 2196 | | | |
| Organisation and/or <u>property description</u> (if landowner/ lawful occupier) | | SOUTH AFRICAN RADIO ASTRONOMY OBSERVATORY (SARAO) | | | |
| Please state your interest in the proposed project (you are welcome to add additional pages if required): | | | | | |
| <p>The study area falls within the Karoo Central Astronomy Advantage Area and as such protection of the SKA radio telescope and compliance with the provisions of the AGA Act and associated Regulations must be ensured. The impacts associated with radio frequency interference and electromagnetic emissions on the SKA radio telescope must form part of the environmental impact assessment.</p> <p>The SKA radio telescope will highly sensitive to radio waves and as such mitigation measures will be required on activities within the compliance area, that are likely to cause any radio interference to the SKA.</p> <p>Should EMI and RFI detailed specialist studies be required, these studies must be completed, and included in the draft EIAr with comments being obtained on these studies from the SARAO</p> | | | | | |
| Please assist by completing the questions below. These responses will be utilised to inform the Environmental Impact Assessment Process. Please submit additional pages if more space is required. | | | | | |
| Are you a land owner or legal land occupier within the application area? | | NO | | | |
| Are you aware of any communities and/or occupiers which exist within the application area (or on your property)? If so, kindly provide further detail as well as contact details for the communities/occupiers. | | NO | | | |

| | |
|--|----|
| Are you aware of any tribal authorities within, or affected by, the application area, provide detail and possible contact details? | NO |
| Are you aware of any other I&APs who need to be notified, please provide detail and possible contact details? | NO |

| | |
|--|--|
| | |
| Please can you provide us with a description of the receiving environment? (including land uses such as farming, grazing etc.; vegetation; topographical features; Infrastructure; sensitive flora/fauna). | The project falls within the Karoo Central Astronomy Advantage Areas, therefore, all radiocommunication and electromagnetic emissions associated with electrical equipment must comply with the applicable regulations |
| Are you aware of any land developments (current or proposed) within the application area that may be relevant to the project? | NO |
| Are you aware of any cultural of heritage features within the project area and surrounds, please provide detail? | NO |
| Please describe any bio-physical and/or socio-economic impacts that you believe should be considered during the study? | N/A |
| Please describe any measures you believe should be implemented to mitigate, manage, avoid, or remedy the anticipated bio-physical and socio-economic impacts of the proposed activity? | N/A |
| Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information? | We do not object the project at this stage, however our concerns are limited to the possible risk of radio frequency interference to the SKA radio telescope. |
| General Comments: | |



EIMS respectfully requests that you please sign this letter and return it to EIMS at the details provided to confirm that you have received notification with regard to the above, and to ensure that your comments, concerns and various inputs are recorded. All comments, queries, and concerns must be received via this I&AP registration form and questionnaire or alternate means. Please note that only registered I&APs will be included in future correspondence regarding this project.

Signed  Name **Selaelo Matlhane** Date **Sep 12, 2019**