

Comments and Responses 1304- BMM Prospecting Rights Applications Area 6

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 Karen Low

Date 2020/02/03 Method Email

Comment

Juwi requested to be registered as I&AP on all BMMs current applications with EIMS. It was also confirmed that Juwi renewable energies had the following two projects within the broader area: - The 140MW Namies Wind Farm which has an Environmental Authorisation. The project is located on Namies Suid (Remander of Farm 212) and Vogelstruis Hoek (Portion 1 of Farm 88). These properties were confirmed to be outside of the application areas. - The Nanibeas WEF is a proposed project which would consist of three phases which are all located within the area identified by Black Mountain for Prospecting. The properties associated with the Nanibeas WEF were provided. It was requested that these be excluded from the Prospecting Application.

Response

EIMS noted the request to be registered for all the applications and confirmed that the requests regarding the Nanibeas WEF would be presented as part of the Basic Assessment Report and issues trail together for consideration by the Department.

Ms Mary Webbstock

Date 2020/02/03 Method Email

Comment

EIMS contacted the African Clean Energy Developments (ACED) and requested confirmation of the location of their renewable energy developments within the Prospecting Rights Application areas. The ACED responded as follows: Thank you for your email and phone call last week. Please will you kindly register us (African Clean Energy Developments (Pty) Limited) as an I&AP for all of the Black Mountain Prospecting/ Mining right applications? We would like to bring to your attention that we have entered into Land Lease Option Agreements with a number of land owners within your proposed prospecting areas and we are in the process of concluding Land Lease Option Agreements with a number of additional land owners, for the purpose of developing wind and solar photovoltaic energy facilities. We request that our land-use rights and development interests be taken into consideration in your EIA process for the various prospecting right applications, and that we be engaged with prior to (and during) the release of the Draft BARs. We do not have and do not intend to have any Land Lease Option Agreements within the "Gifkop – Area 1" prospecting area, however we would like to be registered as an

Response

Thanks for the response to our email. We will register you as an I&AP for our current applications with Black Mountain Mining. We will present the requests as part of the Basic Assessment Report and issues trail together for consideration by the Department. EIMS will be making the draft Basic Assessment Reports available for review in the coming weeks. Please note that the Gifkop Basic Assessment is currently out for public review and is available on our website (www.eims.co.za). Please do not hesitate to contact EIMS with any further queries or concerns.

Comments and Responses 1304- BMM Prospecting Rights Applications Area 6

Ms Mary Webstock

I&AP for the Gifkop prospecting right as we have interests in the broader area and would like to be kept informed of progress with the Gifkop application. Please will you kindly advise as to the expected timelines on the remaining prospecting right applications (Jaagers Plaat, Wit Puts, Tierklip, Grootkolk, Vaalhoek) i.e. when will the Draft BARs associated with the prospecting right applications be available for comment? For your reference, African Clean Energy Developments is a South African renewable energy project developer, and we have been involved in developing, constructing and operating over 700MW of wind farms and 475MW of solar photovoltaic plants in South Africa. We are furthermore in the process of developing our wind and solar PV farms in this Brandvlei area of the Northern Cape and we will provide our comments in respect of your prospecting right applications during the commenting period on the draft BARs.

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.

Mr Philippus Lodewickus Van Schalkwyk

Date 2019/12/06 Method Questionnaire

Comment

Mr Van Schalkwyk mentioned that he was concerned regarding the impact on water, grazing and management thereof, especially given that mining activities at Geelvloer had lowered the

Response

It was confirmed that in terms of groundwater a full hydrosensus was proposed to be completed prior to invasive prospecting activities being undertaken. The overall area of the invasive

Comments and Responses 1304- BMM Prospecting Rights Applications Area 6

Mr Philippus Lodewickus Van Schalkwyk

water table so much that two boreholes had become unusable. The properties are used for grazing of livestock and wild animals. He mentioned that there is mixed grazing and dry riverbeds.

prospecting would be small and widely spread out and as such, is not deemed to have a significant impact. Measures have been recommended for the rehabilitation of these areas in the EMPr.

Mr Johannes Willem Nicolaas Malan

Date 2019/08/05 Method Questionnaire

Comment

Mr Malan is an adjacent landowner of a sheep farm and stated that they farmed close to the proposed area and all infrastructure and water sources will be affected. He confirmed that his property is being used for agriculture/ grazing and has some gravel roads that can't handle a lot of traffic). He raised the impact of agriculture in general and suggested that roads should be maintained and minimize the pressure on water resources. His main concerns were related to roads, water and unwanted "elements".

Response

EIMS thanked Mr Malan and noted his comments and mentioned that we will ensure that these comments will be addressed in the Basic Assessment Report.

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 Simon John Coldrey

Date 2019/08/12 Method Questionnaire

Comment

Mr Coldrey registered as an I&AP on behalf of the owners. He mentioned that the properties are used for livestock farming operations.

Response

EIMS has registered you as an I&AP for the Tierklip and Vaalhoek Projects and note your comments in this regard.

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 6

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: NC30/5/1/1/2/12396PR
From: EIMS Vaalhoek <vaalhoek@eims.co.za>
Date: 2020/01/06, 13:03
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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E gp@eims.co.za
W www.eims.co.za

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From: [<mailto:gary@workinfo.com>]
Sent: Tuesday, September 3, 2019, 20:21
To: <vaalhoek@eims.co.za>
Subject: NC30/5/1/1/2/12396PR

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

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
Managing Director
BA LLB
Email: gary@workinfo.com

Tel: 010 035 4185 | Cel: 082 416 7712 | Fax: 086 689 7862

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Subject: RE: Proposed Black Mountain Mining Prospecting Right Applications

From: "GP Kriel" <gp@eims.co.za>

Date: 2020/02/03, 12:34

To: "'Low, Karen'" <karen.low@juwi.co.za>

CC: "'de Vos, Steyn'" <steyn.devos@juwi.co.za>, "'Botha, Zirk'" <Zirk.Botha@juwi.co.za>, "'Alan Johnson'" <AJohnson@vedantaresources.co.za>, <pieter@eims.co.za>

Good day Karen,

Many thanks for your email. We take note of your request and will register Juwi as I&APs on the projects. We will present the requests regarding the Nannibees WEF as part of the Basic Assessment Report and issues trail together for consideration by the Department.

Please do not hesitate to contact EIMS with any further queries or concerns in this regard.

Kind regards,

GP KRIEL



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From: Low, Karen <karen.low@juwi.co.za>

Sent: Monday, 03 February 2020 09:49

To: gp@eims.co.za

Cc: de Vos, Steyn <steyn.devos@juwi.co.za>; Botha, Zirk <Zirk.Botha@juwi.co.za>

Subject: FW: Proposed Black Mountain Mining Prospecting Right Applications

Importance: High

Dear GP,

Thank you for your email. We would like to register as an I&AP for all of Black Mountain's prospecting applications.

Juwi renewable energies has the following two projects within the broader area:

1. The 140MW Namies Wind Farm which has an Environmental Authorisation. The project is located on Namies Suid (Remander of Farm 212) and Vogelstruis Hoek (Portion 1 of Farm 88). These properties are not within the areas (KMZ Area 1 – 4) identified in your email below for the Prospecting Rights Application. We would like to draw attention to this project, as it is located close to Black Mountain's operational facility

and therefore represents an opportunity for the WEF to produce energy for the mine.

2. The Nannibees WEF is a proposed project which would consist of three phases which are all located within the area identified by Black Mountain for Prospecting. The properties associated with the Nannibees WEF are provided in the attached KMZ. We request that these properties are excluded from the Prospecting Application.

Kind regards,
Karen

Karen Low

Project Development Manager · juwi Renewable Energies (Pty) Ltd · Tel. +27 21 831 6131 · Mobile +27 84 454 9944

From: Botha, Zirk

Sent: Wednesday, 29 January 2020 10:23

To: Bellingham, Christopher <bellingham@juwi.co.za>

Cc: Pillay, Marian <marian.pillay@juwi.co.za>

Subject: FW: Proposed Black Mountain Mining Prospecting Right Applications

Importance: High

Hi Chris,

As earlier discussed.

Regards
Zirk

Zirk Botha

Manager - Economic Development and Land Acquisition

Tel. +27. (0)21. 831 6135 · Fax. +27. (0)21. 831 6199 Mobile +27 (0) 82 5084194 · zirk.botha@juwi.co.za

From: GP Kriel <gp@eims.co.za>

Sent: Wednesday, January 29, 2020 9:27 AM

To: Botha, Zirk <Zirk.Botha@juwi.co.za>

Cc: Andisiwe Stuurman <andisiwe@eims.co.za>

Subject: Proposed Black Mountain Mining Prospecting Right Applications

Good day Mr Botha,

EIMS is currently busy conducting a number of Basic Assessment Processes in the Northern Cape province for Prospecting Rights Applications for Black Mountain Mining. Please find attached a Google Earth file of the application areas.

As discussed, it is understood that some of the proposed areas may affect your renewable energy development. We would highly appreciate it if you would be able to provide us with a layout of area in order for us to ascertain the impact on our applications.

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

Kind regards,

GP KRIEL

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Subject: RE: [EXTERNAL] Proposed Black Mountain Mining Prospecting Right Applications

From: "GP Kriel" <gp@eims.co.za>

Date: 2020/02/04, 12:28

To: <mary.webbstock@aced.co.za>

CC: <stephnie.kot@aced.co.za>, <pikwe.vasey@aced.co.za>

BCC: andisiwe@eims.co.za, emmanuel@eims.co.za, gifkop@eims.co.za, grootkolk@eims.co.za, jaagersplaat@eims.co.za, pieter@eims.co.za, tierklip@eims.co.za, vaalhoek@eims.co.za, witputs@eims.co.za

Good day Mary,

Thanks for the response to our email. We will register you as an I&AP for our current applications with Black Mountain Mining.

We will present the requests as part of the Basic Assessment Report and issues trail together for consideration by the Department.

EIMS will be making the draft Basic Assessment Reports available for review in the coming weeks. Please note that the Gifkop Basic Assessment is currently out for public review and is available on our website (www.eims.co.za).

Please do not hesitate to contact EIMS with any further queries or concerns.

Kind regards,

GP KRIEL



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From: Mary Waller <mary.webbstock@aced.co.za>

Sent: Monday, 03 February 2020 16:21

To: GP Kriel <gp@eims.co.za>

Cc: Andisiwe Stuurman <andisiwe@eims.co.za>; Stephnie Kot <stephnie.kot@aced.co.za>; Pikwe Vasey <pikwe.vasey@aced.co.za>

Subject: RE: [EXTERNAL] Proposed Black Mountain Mining Prospecting Right Applications

Dear GP,

Thank you for your email and phone call last week. Please will you kindly register us (African Clean Energy Developments (Pty) Limited) as an I&AP for all of the Black Mountain Prospecting/ Mining right applications?

We would like to bring to your attention that we have entered into Land Lease Option Agreements with a number of land owners within your proposed prospecting areas and we are in the process of concluding Land Lease Option Agreements with a number of additional land owners, for the purpose of developing wind and solar photovoltaic energy facilities. We request that our land-use rights and development interests be taken into consideration in your EIA process for the various prospecting right applications, and that we be engaged with prior to (and during) the release of the Draft BARs.

We do not have and do not intend to have any Land Lease Option Agreements within the "Gifkop – Area 1" prospecting area, however we would like to be registered as an I&AP for the Gifkop prospecting right as we have interests in the broader area and would like to be kept informed of progress with the Gifkop application.

Please will you kindly advise as to the expected timelines on the remaining prospecting right applications (Jaagers Plaats, Wit Puts, Tierklip, Grootkolk, Vaalhoek) i.e. when will the Draft BARs associated with the prospecting right applications be available for comment?

For your reference, African Clean Energy Developments is a South African renewable energy project developer, and we have been involved in developing, constructing and operating over 700MW of wind farms and 475MW of solar photovoltaic plants in South Africa. We are furthermore in the process of developing our wind and solar PV farms in this Brandvlei area of the Northern Cape and we will provide our comments in respect of your prospecting right applications during the commenting period on the draft BARs.

Kind regards,
Mary

Mary Webbstock
Principal

African Clean Energy Developments

Tel: +27 (0) 21 670 1406

Fax: +27 (0) 21 670 1470

Cell: +27 (0) 82 805 6958

Email: mary.webbstock@aced.co.za

Website: www.aced.co.za



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

Sent: 29 January 2020 10:03 AM

To: Mary Waller <mary.webbstock@aced.co.za>

Cc: Andisiwe Stuurman <andisiwe@eims.co.za>

Subject: [EXTERNAL] Proposed Black Mountain Mining Prospecting Right Applications

This Message originated outside your organisation.

Good day Ms Waller,

EIMS is currently busy conducting a number of Basic Assessment Processes in the Northern Cape province for Prospecting Rights Applications for Black Mountain Mining. Please find attached a Google Earth file of the application areas.

As discussed, it is understood that some of the proposed areas may affect your renewable energy development.

We would highly appreciate it if you would be able to provide us with a layout of area in order for us to ascertain the impact on our applications.

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

Kind regards,

GP KRIEL



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Subject: RE: NOTIFICATION REGARDING AN APPLICATION FOR A PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORISATION SEVERAL FARM PORTIONS (AREA 6- VAALHOEK) WITHIN THE ZF MGCAWU DISTRICT MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

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

Date: 2019/08/08, 08:20

To: "vaalhoek@eims.co.za" <vaalhoek@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.

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.

Kind regards,

From: EIMS Vaalhoek <vaalhoek@eims.co.za>

Sent: Wednesday, August 07, 2019 10:27 PM

Subject: NOTIFICATION REGARDING AN APPLICATION FOR A PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORISATION SEVERAL FARM PORTIONS (AREA 6- VAALHOEK) WITHIN THE ZF MGCAWU 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 Vaalhoek Application Area covers an area of about 66 042 hectares. The area is located approximately 187 kilometres South West of the town of Upington and 193 km kilometres South East of the town of Aggeneys, 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 1304-6 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: vaalhoek@eims.co.za
- Fax: 086 571 9047
- Tel: (043) 722 7572
- Postal address: P.O. Box 19731, Tecoma, 5214
- Reference no: 1304-6

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

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www.sahra.org.za

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Subject: Re: AANDAG: GP KRIEL
From: EIMS Vaalhoek <vaalhoek@eims.co.za>
Date: 2020/02/10, 10:51
To: zevenpaard@gmail.com

Mnr Van Schalkwyk.

Dankie vir u deelname aan ons proses. Ons neem kennis van u kommentaar. In terme van die grondwater is daar in ons verlag voorgestel dat 'n volledige hydrosensus gedoen word indien die aansoek goedgekeur word. Sou die aansoek goedgekeur word, is die voorgestelde opervlakte van die algehele indringende prospektering baie klein (< 2ha) en wyd verspreid en dit sal dus 'n klein invloed he op weiding. Daar is maatreels in plek gestel om te vereis dat die prospeterings areas gerehabiliteer word na gebruik.

Laat weet gerus of u enige verdere kommentaar in hierdie verband het.

Groete,

GP KRIEL



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On 2019/12/06 10:48, Kakamas Skryfbehoeftes wrote:

Goeie dag

Vind aangeheg die dokumentasie van Mnr. PL van Schalkwyk

Vriendelike groete
Denise Theron



t 054 431 1523 • f 054 431 1691

Eenheid No 13, Voortrekkerstraat 22,
Sultanaland Sakesentrum, KAKAMAS 8870

BELANGHEBBENDE-EN GEAFFEKTEERDE PARTY REGISTRASIE VORM

EIMS Verwysing #	1304-6
Projek Titel	Black Mountain Mining Prospekteerreg Aansoek
Aansoek Area	Vaalhoek

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: vaalhoek@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:	PL VAN SCHALKWYK	
Kontak Besonderhede	Tel (w):		Tel (h):	
	Faks:		Sel:	083 3166454
	Epos:	sen zevenpaard@gmail.com		
	Posadres:	BUS 121 KAKAMAS 5870		
Organisasie en/of eiendom beskrywing (in geval van grondeienaar/wettige grond bewoner)	ZEVENPAARD 239 T'CAIMOEPSMAGTE 226 VAALHOEK 378 HENDRIK ZIJLPUTS 240			
Rede vir u belangstelling in die bogenoemde projek (u is welkom om addisionele bladsye hierby aan te heg, indien nodig):				
AS EIGENAAR VAN BOGENOEMDE EIENDOMME IS EK BESOORDE OOR DIE IMPAK WAT DIT OP WATER, WEIDING EN BESTUUR DAARVAN SAL HÊ.				
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,	WEIDING VIR KLEINVEE EN WIND.			

infrastruktuur ens.) sowel as 'n kort beskrywing van die area (plantegroei, topografie, infrastruktuur, sensitiewe fauna/flora)?	GEMENGDE WEIDING MET RANTE VELD EN DROË RIVIERLOPE.
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.	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 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?	ONDERGRONDSE WATER. WATERTAFEL IS MET MYN AKTIVITEITE OP GEELUOER SO VERLAAG DAT 2 GATE OP GENOEMDE EIENDOME ONBRUIKBAAR WAS
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.

Hantekening  Naam en Van PL. VAN SCHALKWIJK Datum 6/12/2019

Subject: Re: vaalhoek projek
From: EIMS Vaalhoek <vaalhoek@eims.co.za>
Date: 2020/02/10, 09:56
To: Lettie Malan <0832720216@mymtnmail.co.za>
CC: perdevlei@mymtnmail.co.za

Goeie dag Mnr Malan,

EIMS bedank u vir u deelname aan ons proses. Ons neem kennis van u kommentaar en sal verseker dat u kommentaar aangespreek word in terme van die paaie, infrastruktuur, grondwater, en potensiele misdaad.

Laat weet gerus indien u enige verdere kommentaar in hierdie verband 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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PO Box 19731, Tecoma, 5214, ZA

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On 2019/08/05 18:52, Lettie Malan wrote:

EIMS Verwysing #	1304-6
Projek Titel	Black Mountain Mining Prospekteerreg Aansoek
Aansoek Area	Vaalhoek

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: vaalhoek@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 W N Malan
Kontak Besonderhede	Tel (w):	Tel (h):	
	Faks:	Sel:	0834510902
	Epos:	peideler@mymbrwaal.co.za	
	Posadres:	Bus 183 Konhardt 8900	
Organisasie en/of eiendom beskrywing (in geval van grondeienaar/wettige grond bewoner)	Skaap plaas		
Rede vir u belangstelling in die bogenoemde projek (u is welkom om addisionele bladsye hierby aan te heg, indien nodig):			
Ons Boer hier naby en alle infrastruktuur ook ons Waterbronne word geraak.			
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?	Nee		
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 /weiding		

Infrastruktuur ens.) sowel as 'n kort beskrywing van die area (plantegroei, topografie, infrastruktuur, sensitiewe fauna/flora)?	Gruis padie (Kan nie baie water dra nie)
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.	Nee
Beskryf asseblief enige bio-fisiese en/of sosio-ekonomiese impakte wat u glo tydens die Impak Studie in ag geneem moet word?	Ja - landbou in geheel
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?	Help om padie in stand te hou en minimaliseer druk op waterbronne.
Het u enige spesifieke bekommernisse, kommentaar of besware aangaande die voorgestelde projek, indien ja, verskaf asseblief 'n verduideliking?	Ja - Padie water en ongewenste elemente wat kan inskraan.
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.

Hantekening.....*me Mad*.....Naam en Van.....*JWN Mab*.....Datum.....*20190805*.....



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Private Bag X 16 Springbok, 8240; Tel: 0277128160; Fax: 0277121959
1st Floor Hopley Building, Van der Stel Street, Springbok 8240
Enquiries: Deidre Karsten Ref No: NCS 30/5/1/1/2/ (12396) PR
E-mail address: Deidre.Karsten@dmr.gov.za
Mine Environmental Management

Black Mountain Mining (Pty) Ltd

Private Bag x01

AGGENEYS

8893

Attention: Gideon Kriel

email: gp@eims.co.za

ACKNOWLEDGEMENT OF AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION LODGED IN TERMS OF SECTION 24 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH REGULATION 19 OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 FOR PROSPECTING RIGHT AND RELATED INFRASTRUCTURAL ACTIVITIES ON VARIOUS FARMS SITUATED IN THE MAGISTERIAL DISTRICT OF KENHARDT NORTHERN CAPE REGION.

1. I refer to the abovementioned matter and confirm that your application for an Environmental Authorisation herein referred to as "EA" lodged on **04 July 2019** is hereby acknowledged.
2. You are advised to submit a basic assessment report within 90 days from the date that you have lodged this application. Your ninety (90) days will lapse on **03rd October 2019**. Please note that this inclusive of weekends but exclusive of public holidays.
3. Acknowledgement of your application does not grant you permission to commence with Prospecting activities. Commencement of a listed activity without an environmental authorisation constitutes an offence in terms of Section 49A (1) (a) of NEMA, 1998 (Act 107 of 1998) as amended and upon conviction for such an

offence, a person is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding ten years, or to both such fine and such imprisonment.

Hope that this letter will receive your utmost attention. Please quote this office file number for any correspondence as reference.



.....
REGIONAL MANAGER: MINERAL REGULATION

NORTERN CAPE REGION

DATE..... 10/07/2019

Please quote this office file number for any correspondence as reference

Subject: Re:

From: EIMS Vaalhoek <vaalhoek@eims.co.za>

Date: 2020/02/10, 10:23

To: Dasbosch Boerdery <dasbosch@intekom.co.za>

CC: scoldrey@gmail.com, EIMS Tierklip <tierklip@eims.co.za>

Good day Mr Coldrey,

EIMS has registered you as an I&AP for the Tierklip and Vaalhoek Projects and note your comments in this regard.

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

Sincerely,

GP KRIEL



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On 2019/08/12 09:20, Dasbosch Boerdery wrote:

INTERESTED AND AFFECTED PARTIES REGISTRATION FORM

EIMS Ref #:	1304-4
Project Title:	Black Mountain Mining Prospecting Right Application
Application Area	Tierklip

PLEASE COMPLETE AND RETURN TO:

Environmental Impact Management Services (Pty) Ltd
 Attention: GP Kriel
 Fax: (086) 571-9047
 Phone: (043) 722-7572
 E-Mail: tierklip@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:	M R	Full name and surname:	Simon John Coldrey		
Contact details		Tel (w):	0229312737	Tel (h):	
		Fax:	0229312074	Cell:	0827739155
		E-mail:	scoldrey@gmail.com		
		Postal Address:	PO Box 39 Porterville 6810		
Organisation and/or <u>property description</u> (if landowner/ lawful occupier)			Dagab Nr 282 Perfdevleyen Nr 283		

Please state your interest in the proposed project (you are welcome to add additional pages if required):

I manage the farming activities conducted on the properties on behalf of the owners

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?	Yes
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?	NA
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 properties are utilised for livestock farming operations
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?	na
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?	
Do you have any specific concerns, comments or objections to the proposed project, if so could you please provide us with information?	
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..... S. J Coldrey Date... 20190812

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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W www.eims.co.za

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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,

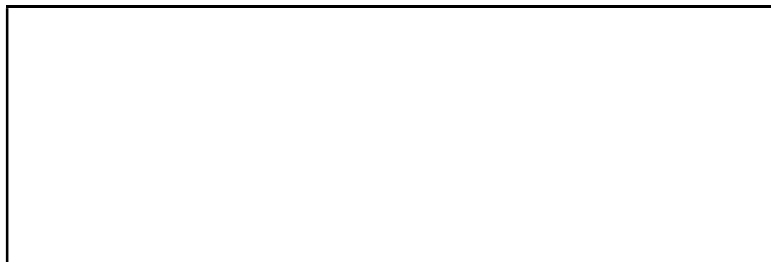
We have been appointed to conduct a Prospecting Right Application. It now appears that the proposed application area falls within the Karoo Astronomic Advantage Areas, but outside of the Karoo **Core** Astronomic Advantage Areas gazetted in 2010. With reference to the "REGULATIONS ON THE PROTECTION OF 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](tel:+27437227572)
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F [+27 86 571 9047](tel:+27865719047)
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--
Dr. Adrian Tiplady
SKA South Africa
Johannesburg
+27 11 442 2434
+27 72 372 0134
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**

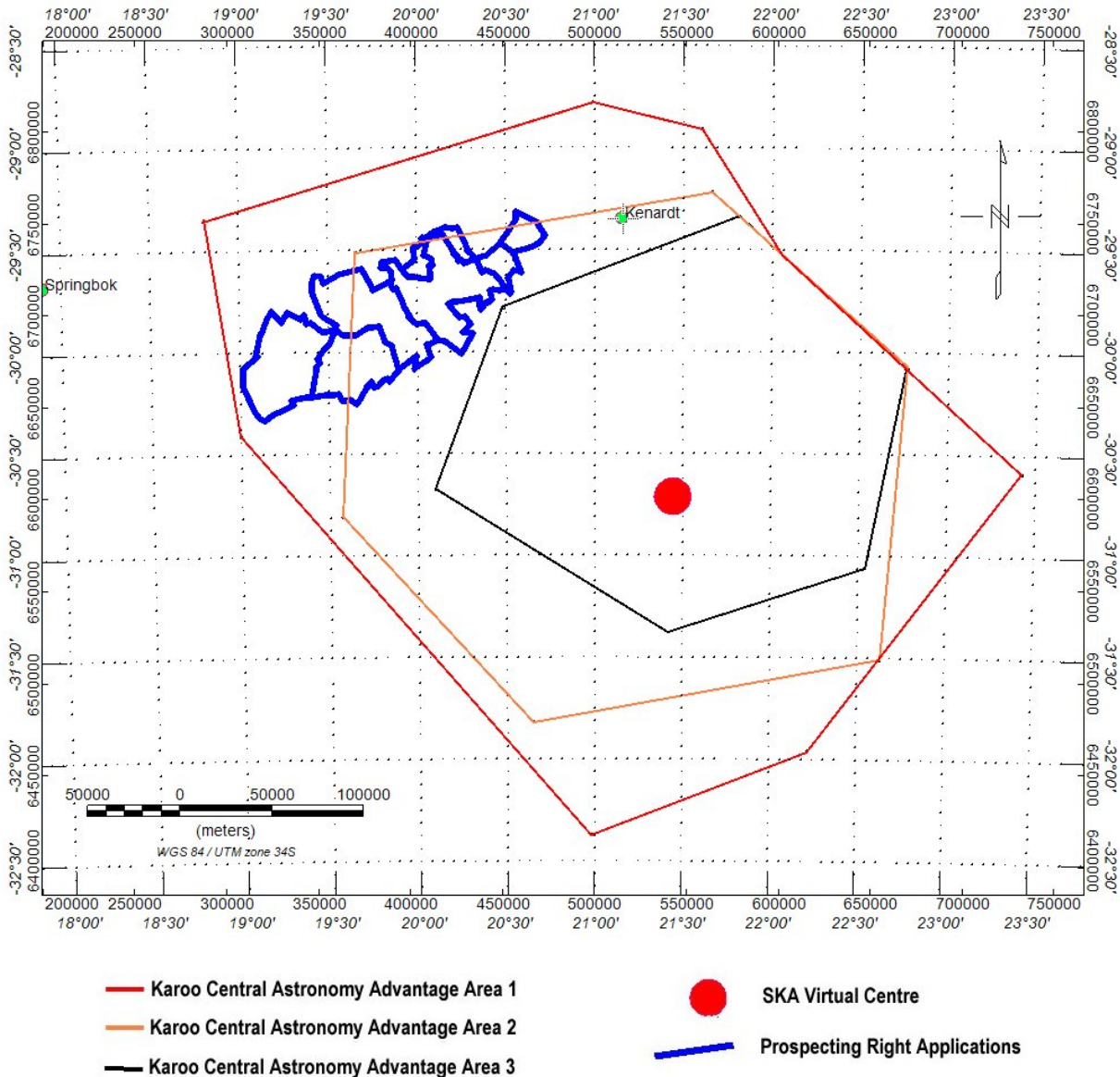


FIGURE 1. MAP OF PROSPECTING RIGHTS APPLICATION IN RELATION THE KAROO CENTRAL ASTRONOMY ADVANTAGE AREAS.

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

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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

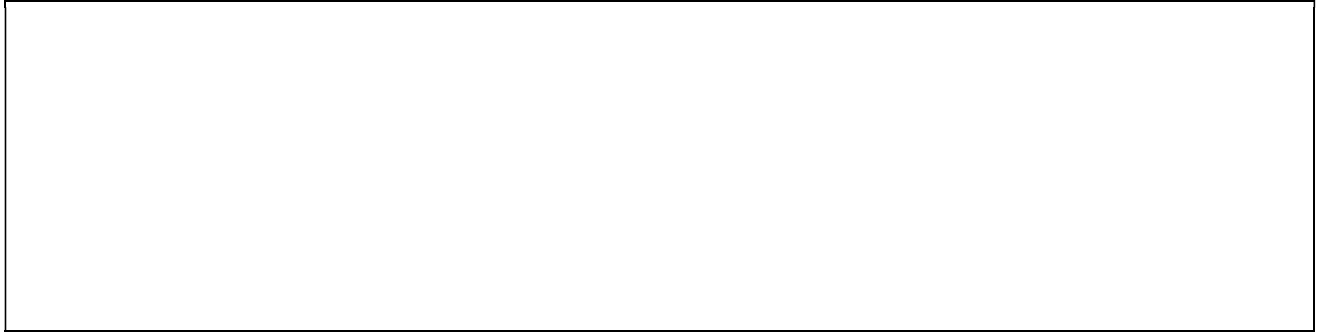


This form serves to register Interested and Affected Parties (I&APs) for the above-mentioned project and to solicit input and participation. This form will be submitted to the competent authority for consideration in the decision making process.

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**