

EMP

PART 2 OF 2

APPENDIX 2 - RESULTS OF CONSULTATION

Interested and Affected Parties List the names of persons consulted in this column, and mark with an 'X' where those who must be consulted were in fact consulted.	Date sent and/or Comments Received	Issues raised	EAP's response to the applicant
AFFECTED PARTIES			
Landowners			
Louis Betina Elendoms Trust	22 Nov 2019	No objection, see signed consultation letter attached.	
Mr. Louis Botma P.O. Box 148, Grootvlei, 8365 Cell: 082 443 0526 Landowner on the farm Waalhoek			
Lawful occupiers of the land			
Mr. G.G. Swiegers Cell: 084 491 2703; E-mail: liebeweigers2703@gmail.com (Neighbour)	4 Feb 2020	No objection. See signed consultation letter attached.	
Mr. A.J.G. de Almekda P.O. Box 1413, Kathu, 8446 Cell: 083 298 1908; E-mail: loesa@dwsolutions.co.za (Neighbour)	27 Nov 2019	No objection. See signed consultation letter attached.	
Landowners or lawful occupiers on adjacent properties (Neighbour)			
Municipal councillor			
Municipality			
Siyancuma Local Municipality Municipal Manager: Mr. H.F. Nel Fax: 053 298 3141; Tel: 053 298 1810	14 Oct 2019 7 Feb 2020	Consultation letter to Mr. Nel.	
Organs of state (Responsible for infrastructure that may be affected Roads Department, Eskom, Telkom, DWA.			
Eskom			
Communities			
Dept. Land Affairs			
Ms. Ruwayda Baulackey Tel: 053 807 5700; E-mail: baulackey@drdir.gov.za	14 Oct 2019	E-mail sent to verify any land claims	
Traditional Leaders			
N/A			
Dept. Agriculture, Land Reform and Rural Development & Environmental Affairs			
Head of Department Cynthia Fortune 162 George Street, Private Bag X 5018, Kimberlie Building, Kimberley. 8300 Tel: 053 838 9100; Fax: 053 831 4685	15 July 2020	ESA/EMP report sent with Counter Guy for comments	No comments received
Dept. Water and Sanitation			

APPENDIX 2 - RESULTS OF CONSULTATION

Chief Director: Northern Cape Mr. Abe Abrahams 28 Central Road, Beaconsfield, Kimberley, 8300 Tel: 053-830 8800; E-mail: Abrahamsa@dws.gov.za	15 July 2020	EIA/EMP report sent with Courier Guy for comments	No comments received
Dept. Agriculture, Forestry and Fisheries Attention: Mr. A.M. Tawana Head of Department, 162 George Street, Kimberly Building, Kimberley, 8306 Tel: 053-839 7806; E-mail: atawana@ncpg.gov.za	15 July 2020	EIA/EMP report sent with Courier Guy for comments	No comments received
Other Competent Authorities			
OTHER AFFECTED PARTIES			
INTERESTED PARTIES			
SAHRA P.O. Box 4637, Cape Town, 8000 Tel: 021 462 4502 e-mail: info@sahra.org.za	25 Feb 2021	Case ID: 16102	Comments received 12 March 2021 The Heritage Impact Assessment was compiled by Paleo Field Services – March 2021 – see appendix 5 attached. The Biodiversity Study was compiled by Celtis Environmental Solutions – March 2021 – see appendix 6 attached

Notice published in the DFA of 19 March 2020 & 8 January 2021

DERA

22 November 2019

Environmental Consultants

To whom it may concern

CONSULTATION WITH INTERESTED AND AFFECTED PARTIES WITH REGARD TO AN APPLICATION FOR A PROSPECTING RIGHT IN TERMS SECTION 16 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) OVER: REMAINING EXTENT OF THE FARM WAAIHOEK 392, MAGISTERIAL DISTRICT OF HAY.

You are herewith informed that **Electri City Mining (Pty) Ltd.** has submitted an application in terms of Section 22 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002), to the Regional Manager: Mineral Regulation, Northern-Cape Region in respect of **Diamonds (Alluvial) & Diamonds (Kimberlite)**, in the magisterial district of Hay.

Electri City Mining (Pty) Ltd is in the process of compiling the Scoping Report, which needs to be submitted at the Regional Office of DMR. After acceptance of the application is received an Environmental Management Programme (EMP) & Environmental Impact Report (EIA) need to be submitted at the Regional Office of DMR within 106 days from date of acceptance of the Scoping Report. See attached an extraction of the Prospecting Work Programme (PWP), Sketch plan & Environmental Authorisation.


In terms of Section 10 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002), and in terms of Regulation 40(2) of the regulations published in the Government Notice No. R10328 (of 4 December 2014) under Section 26 of the Environmental Conservation Act, (Act 73 of 1989), the landowner or legal occupier of the land, as well as any other interested party must be notify and must be consulted with in terms of the proposed project.

Electri City Mining (Pty) Ltd deem it necessary to consult with inter alia yourself / your company/ your organization, and you are therefore kindly requested to comment very clearly and unambiguously with regard to the proposed prospecting project. You are requested to put in writing any interest/ objection and/or comments you may have and send it back to the appointed consultants (Reference no. **NC30/5/1/1/2/12454PR**) within 30 days from the date of receipt of this letter. If no correspondence is received from you within the mentioned period, the applicant shall accept that you have no objection in the proposed prospecting activities.

Please call me if any further information is needed.

Your co-operation will be appreciated.

Yours faithfully


Daan Erasmus

DERA Environmental Consultants

REGISTRATION FORM AND COMMENT FOR THE PUBLIC PARTICIPATION PROCESS OF THE PROPOSED PROSPECTING RIGHT ON THE REMAINING EXTENT OF THE FARM WAAIHOEK 392, MAGISTERIAL DISTRICT OF HAY.

Daan Erasmus
P.O. Box 2572
KLERKSDORP

Tel. 018-466 5355
E-mail: daane@daera.co.za

PERSONAL INFORMATION:

Title/Titel: Mr Initials/Doortletters: L First Name/Eerste naam: Louis
Surname/Vari: Botma
E-mail/E-pos:
Telephone/Telefoon: 082 443 0526 Fax/Faks:
Organisation (if applicable)/Organisasie (indien van toepassing): Louis Botma Eiendoms Trust
Capacity (member, etc.)/Kapasiteit (lid ens):
Landowner/Grondeienaar/Neighbour/Buurman/ Interested and/or affected party on the farm/ op die plaas:
Postal Address/ Posadres: P.O. Box 148
Town/City/Dorp/Stad: Griekwastad Code/Kode: 8365

COMMENT/OBJECTION

1. What is the nature of your interest in the proposed project/Vat is u belang in die voorgenoemde projek?
.....

2. Do you have any grounds for objection or do you support the proposed project/Het u enige gronde tot beswaar of ondersteun u die voorgenoemde projek?
NO

YES/NO JA/NEE

If "Yes", please list shortly/Indien 'JA', lys asseblief kortliks.
NO

3. Do you foresee that this activity will have a negative impact on yourself or the environment/Voorsien u dat die voorgenoemde projek 'n negatiewe inpak kan hê op uself of die omgewing?

YES/NO JA/NEE

If "Yes", please describe shortly/Indien 'JA', verduidelik asseblief kortliks.

Filled in on/ingevul op day of /dag van (month)/(maand) 2019

LOUIS BOTMA

Name and Surname/ Company

LOUIS BOTMA EIENDOMS TRUST



Signature/Handtekening

Postbus 148
Griekwastad
8365
Slur: 0824470526

PROPOSED PROSPECTING RIGHT APPLICATION ON REMAINING EXTENT THE FARM WAAI
DISTRICT NAY

Daan Erasmus
P.O. Box 6499
KLERKSDORP
2572

Tel. 018-468 5355
Fax: 018-011 3760
Mobile: 082 895 3516
E-mail: dera.office@dera.co.za or daane@dera.co.za

PERSONAL INFORMATION:

Title/Titel: Mrs Initials/Voorletters: G.G. First Name/Eerste naam: LIEB
Surname/Van: SWIEGERS
E-mail/E-pos: lieb.swiegers2703@gmail.com
Telephone/Telefoon: 0844912703 Fax/Faks: _____
Organisation (if applicable)/Organisasie (indien van toepassing): _____
Capacity (member, etc.)/Kapasiteit (lid ens): EIERNAAR
Interested and/or Affected party on the farm/Geïnteresseerde en/of geïmpakteerde party op die plaas: _____
Postal Address/ Posadres: _____
Town/City/Dorp/Stad: GRIEKWASTAD Code/Kode: 8365

COMMENT/OBJECTION:

1. What is the nature of your interest in the proposed project/Wat is u belang in die voorgename projek?
GREEN
2. Do you have any ground for objection or do you support the proposed project/Het u enige gronde tot beswaar of bogenoemde projek?
NEE

YES/NO JA/NEE

If "Yes", please list shortly/Indien 'JA', lys asseblief kortliks.

N.V.T.

3. Do you foresee that this activity will have a negative impact on yourself or the environment/Voorsien u dat die voor negatiewe inpak kan he op u self of die omgewing?

YES/NO JA/NEE

If "Yes", please describe shortly/Indien 'JA', verduidelik asseblief kortliks.

NEE

Filed in on/Ingeval op 4th day of /dag van FEBRUARY 2020 (month)/(maand) 2019

LIEB SWIEGERS

Name and Surname/ Company

Naam en Van/Maatskappy

[Signature]

Signature/Handtekening

PROPOSED PROSPECTING RIGHT APPLICATION ON REMAINING EXTENT THE FARM WAAIHOEK 392,
DISTRICT HAY

Daan Erasmus
P.O. Box 6499
KLERKSDORP
2572

Tel: 018-468 5355
Fax: 018-011 3760
Mobile: 082 895 3516
E-mail: dera.office@dera.co.za or daane@dera.co.za

PERSONAL INFORMATION:

Title/Titel: MR Initials/Voorletters: A.J.G. First Name/Eerste naam: Antonio
Surname/Van: De Almeida
E-mail/E-pos: Jose.R.dwsolutions.co.za
Telephone/Telefoon: 083 298 1908 Fax/Faks: _____
Organisation (if applicable)/Organisasie (indien van toepassing): _____
Capacity (member, etc.)/Kapasiteit (lid ens): Wmrc
Interested and/or Affected party on the farm/Geïnteresseerde en/of geïmpakteerde party op die plaas: _____
Postal Address/ Posadres: 1A13
Town/City/Dorp/Stad: Katku Code/Kode: 8446

COMMENT/OBJECTION:

1. What is the nature of your interest in the proposed project/Wat is u belang in die voorgename projek?

Buur Plaas

2. Do you have any ground for objection or do you support the proposed project/Het u enige gronde tot beswaar of ondersteun u die bogenoemde projek?

YES/NO JA/NEE

If "Yes", please list shortly/Indien 'JA', lys asseblief kortliks.

3. Do you foresee that this activity will have a negative impact on yourself or the environment/Voorsien u dat die voorgename projek 'n negatiewe inpak kan he op uself of die omgewing?

YES/NO JA/NEE

If "Yes", please describe shortly/Indien 'JA', verduidelik asseblief kortliks.

Filled in on/Ingevol op: 27 day of /dag van: NOVEMBER (month)/(maand) 2019

Antonio DE ALMEIDA

Name and Surname/ Company

Naam en Van/Maatskappy


Signature/Handtekening

Dera - Gerda

From: Dera - Gerda <dera.office@dera.co.za>
Sent: Monday, October 14, 2019 1:43 PM
To: '0532983141@faxsend.co.za'
Subject: Consultation letter - Proposed Prospecting Right application - Hay district
Attachments: Consultation letter - Proposed Prospecting Right application - Hay district.pdf

Good day Mr. Nel

Please see attached a consultation letter for a proposed Prospecting Right application in the district of Hay.

Can you please be so kind to complete the form as interested and/or affected party and return to dera.office@dera.co.za

Kind regards.

Gerda Els

Daan Erasmus
Dera Omgewingskonsultante (Pty) Ltd.
Reg no: 2014/051013/07
P.O. Box 6499, Flamwood 2572
VAT No: 4590284073
Tel: 018 468 5355
Fax: 018 011 3760
Cell: 082 895 3516
e-mail: dera.office@dera.co.za or daane@dera.co.za

Your message is ready to be sent with the following file or link attachments:

Consultation letter - Proposed Prospecting Right application - Hay district

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

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DERA

7 February 2020

Environmental Consultants

Siyancuma Local Municipality

Attention: Mr. M. Fillis (acting)

RE: CONSULTATION WITH INTERESTED & AFFECTED PARTIES

It is hereby confirmed that that Electri City Mining (Pty) Ltd has applied for a prospecting right over the Remaining extent of the farm Waaihoek 392, in the Hay district.

The Department of Mineral Resources has requested that the Siyancuma Local Municipality must be informed about the proposed prospecting right application.

Please find attached the consultation letter with the information regarding the proposed prospecting right.

It would be highly appreciated if you could return the attached consultation letter to Dera Environmental Consultants at Fax: 018 011 3760 or dera.office@dera.co.za

Should you have any questions regarding the above, please call Mr. Erasmus at 082 895 3516

DERA Environmental Consultants can be contacted for any further enquiries.

Yours sincerely

p.p. 

Daan Erasmus
DERA Environmental Consultants

.....

P O Box 6499
Flamwood
2572
Fax: 018 011 3760
Mobile: 082 895 3516
E-mail: dera_office@dera.co.za
daane@dera.co.za

.....

DERA

7 February 2020

Environmental Consultants

To whom it may concern

CONSULTATION WITH INTERESTED AND AFFECTED PARTIES WITH REGARD TO AN APPLICATION FOR A PROSPECTING RIGHT IN TERMS SECTION 16 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) AND NEMA, EIA 2014 OVER: REMAINING EXTENT OF THE FARM WAAIHOEK 392, MAGISTERIAL DISTRICT OF HAY.

You are herewith informed that **Electri City Mining (Pty) Ltd.** has submitted an application in terms of Section 16 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002) and NEMA, EIA 2014, to the Regional Manager: Mineral Regulation, Northern Cape Region in respect of the prospecting of **Diamonds Alluvial & Diamonds in Kimberlite** in the magisterial district of Hopetown.

Electri City Mining (Pty) Ltd. is in the process of compiling the Scoping Report, which needs to be submitted by at the Regional Office of DMR. An Environmental Management Programme (EMP) & Environmental Impact Report (EIA) need to be submitted at the Regional Office of DMR within 106 days from date of acceptance of the Scoping Report. The documents will be available for I&AP's for comments. See attached the Sketch plan & Environmental Authorisation.

In terms of Section 10 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002), and in terms of Regulation 39(1) of the regulations published in the Government Notice No. R10328 (of 4 December 2014) under Chapter 6 of the NEMA, EIA 2014, the landowner or legal occupier of the land, as well as any other interested party must be notified and consulted with in terms of the proposed project.

Electri City Mining (Pty) Ltd. deems it necessary to consult with inter alia yourself / your company/ your organization, and you are therefore kindly requested to comment very clearly and unambiguously with regards to the proposed prospecting project. You are requested to submit in writing, any interest/ objection and/or comments you may have and return it to the appointed consultants (**Reference no. NC30/5/1/1/2/.....PR**) within 30 days from the date of receipt of this letter. If no correspondence is received from you within the mentioned time frame, the applicant shall accept that you have no objection with the proposed prospecting activities.

Please call me if any further information is needed.

Your co-operation will be appreciated.

Yours faithfully

P.P. 

Daan Erasmus
DERA Environmental Consultants

.....

: :
REGISTRATION FORM AND COMMENT FOR THE PUBLIC PARTICIPATION PROCESS OF THE
PROPOSED PROSPECTING RIGHT ON THE REMAINING EXTENT OF THE FARM WAAIHOEK 392, MAGISTERIAL
DISTRICT OF HAY.
: :

Daan Erasmus
P.O. Box 6499
KLERKSDORP
2572

Tel. 018-468 5355
Fax: 018-011 3760
Mobile: 082 895 3516
E-mail: daane@dera.co.za

PERSONAL INFORMATION:

Title/Titel:..... Initials/Voorletters: First Name/Eerste naam:.....

Surname/Van.....

E-mail/E-pos.....

Telephone/Telefoon..... Fax/Faks.....

Organisation (if applicable)/Organisasie(indien van toepassing):

Capacity (member, etc.)/Kapasiteit (lid ens):

Landowner/Grondeienaar/Neighbour/Buurman/ Interested and/or affected party on the farm/ op die plaas.....

Postal Address/ Posadres

Town/City/Dorp/Stad: Code/Kode:

COMMENT/OBJECTION:

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.....
.....

YES/NO JA/NEE

If "Yes", please list shortly/Indien 'JA', lys asseblief kortliks.
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YES/NO JA/NEE

If "Yes", please descibe shortly/Indien 'JA', verduidelik asseblief kortliks.
.....
.....

Filled in on/Ingevol op..... day of /dag van..... (month)/(maand) 2019

Name and Surname/ Company

Signature/Handtekening

Naam en Van/Maatskappy

.....

P O Box 6499
Flanwood
2572
Tel: 018-468 5355
Fax: 018-011 3760
Cell: 082 895 3516
E-mail: dera.office@dera.co.za
daane@dera.co.za

.....
DERA

7 October 2019

Environmental Consultants

Siyancuma Local Municipality

Attention: Mr. H.F. Nel

RE: CONSULTATION WITH INTERESTED & AFFECTED PARTIES

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Should you have any questions regarding the above, please call Mr. Erasmus at 082 895 3516

DERA Environmental Consultants can be contacted for any further enquiries.

Yours sincerely

P.P. Els

Daan Erasmus
DERA Environmental Consultants

.....

P O Box 6499
Flamwood
2572
Fax: 018 011 3760
Mobile: 082 895 3516
E-mail: dera.office@dera.co.za
daane@dera.co.za

DERA

12 September 2019

Environmental Consultants

To whom it may concern

CONSULTATION WITH INTERESTED AND AFFECTED PARTIES WITH REGARD TO AN APPLICATION FOR A PROSPECTING RIGHT IN TERMS SECTION 16 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) AND NEMA, EIA 2014 OVER: REMAINING EXTENT OF THE FARM WAAIHOEK 392, MAGISTERIAL DISTRICT OF HAY.

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Please call me if any further information is needed.

Your co-operation will be appreciated.

Yours faithfully

P.P. Es
Daan Erasmus

DERA Environmental Consultants

Dera - Gerda

From: notifier@thevirtualgroup.co.za
Sent: Monday, October 14, 2019 1:47 PM
To: Dera - Gerda
Subject: Delivery Complete: 0532983141
Attachments: 3848008276382.DOCUMENT.PDF.pdf

Delivery Information:

Message #: 4421062
Recipient Name: 0532983141
Recipient Company:
Delivery Date: 10/14/2019
Total Pages: 4
Transmit Time: 2 min : 57 sec

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Attention To:-

Name: 0532983141

Fax: 0532983141

Date: 2019-10-14

Time: 01:43:01 PM

From:-

Name: Dera - Gerda

Company: The Virtual Group

Telephone:

Fax:

Pages: 4

RE: Consultation letter - Proposed Prospecting Right application - Hay district

Comments/Notes:

Good day Mr. Nel

Please see attached a consultation letter for a proposed Prospecting Right application in the district of Hay.

Can you please be so kind to complete the form as interested and/or affected party and return to dera.office@dera.co.za

Kind regards.

Gerda Els

Daan Erasmus

Dera Omgewingskonsultante (Pty) Ltd.

Reg no: 2014/051013/07

P.O. Box 6499, Flamwood 2572

VAT No: 4590284073

Tel: 018 468 5355

Fax: 018 011 3760

Cell: 082 895 3516

e-mail: dera.office@dera.co.za or daane@dera.co.za

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Consultation letter - Proposed Prospecting Right application - Hay district

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Dera - Gerda

From: Dera - Gerda <dera.office@dera.co.za>
Sent: Monday, October 14, 2019 1:31 PM
To: 'ruwayda.baulackey@drdlr.gov.za'
Subject: Verification of land claims - Waaihoek 392 - Hay district
Attachments: Verification of land claims - Waaihoek 392 - Hay district.pdf

Good day Ruwayda

Please see attached our request for verification of land claims on the farm Waaihoek 392 in the district of Hay.

Siyancuma Local Municipality

Kind regards.

Gerda Els
Cell: 083 225 1593

Daan Erasmus
Dera Omgewingskonsultante (Pty) Ltd.
Reg no: 2014/051013/07
P.O. Box 6499, Flamwood 2572
VAT No: 4590284073
Tel: 018 468 5355
Fax: 018 011 3760
Cell: 082 895 3516
e-mail: dera.office@dera.co.za or daane@dera.co.za

Your message is ready to be sent with the following file or link attachments:

Verification of land claims - Waaihoek 392 - Hay district

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.....
DERA

7 October 2019

Environmental Consultants

Department of Land Affairs & Rural Development

Attention: Ms. Ruwayda Baulackey

Re: Verification of Land Claims

We are Environmental Consultants situated in Klerksdorp and has applied on behalf of Electri City Mining (Pty) Ltd. for a Prospecting Right on the following farm in the Hay district.


- **Remaining extent of the farm Waalhoek 392**
- **Siyancurna Local municipality**

Could you please be so kind to verify if there are any land claims over the farms as mentioned above?

It would be highly appreciated if you could help us in this matter as soon as possible.

Please feel free to contact the office of Dera Environmental Consultants or Mr. Erasmus on his cell: 082 895 3516 for any further information.

Yours truly,

p.p. 

Daan Erasmus

.....

PUBLIC NOTICE

APPLICATION FOR AN ENVIRONMENTAL AUTHORIZATION FOR THE PROPOSED ACTIVITIES.

Notice is given for the following application:

- 1) Environmental authorization application for prospecting.

- **Proponent:** The applicant is Electri City Mining (Pty) Ltd.
- **Ref. no:** NC30/5/1/1/2/12454PR
- **Property description:** The proposed prospecting area is over Remaining extent of the farm Waaihoek 392 (T809/2009), in the district of Hay. The total extent of the mining area is 1101.5145 hectares.
(21 SG digital codes: C03100000000039200000)
- **Location:** The property is situated ±45 km south- west from Douglas.
- **Project description:** The purpose of the application is to obtain the required authorisation from the Department to successfully: undertake Geological surveys, test pits, drilling & bulk sampling.
- **Process of S& EIR is followed**
- **This advertisement is for the EIA /EMPr**
- **Activity applied for:** the following activities as listed in terms of NEMA (Act No. 107 of 1998) as amended and EIA Regulations, 2014 was applied for under Activity 19, (Listing Notice 2)GNR325
Activity 20 (Listing Notice 1) GNR327
Activity 27 (Listing Notice 1) GNR327
- **Minerals applied for:** Diamonds Alluvial & Diamonds in Kimberlite
- **Date submitted:** 20 September 2019
- **Stakeholder involvement:** Stakeholders are invited to register as interested and affected parties and to participate in the application process by identifying issues of concern and suggestions for consideration in the EIA/EMPr and can contact Dera Environmental Consultants for any further information. Please submit your written comments by mail, fax or e-mail in this 30 day of this notice to:
Mr. Daan Erasmus of DERA Environmental Consultants
PO Box 6499 E-mail: daane@dera.co.za
Flamwood Tel: 018 468 5355
2572 Fax: 018 011 3760
 Cell: 082 895 3516;
- **Date of advertisement:** Friday 8 January 2021.
- **Venue and date of meeting:** Thursday 14 January 2021 on site – coordinates -29.126871 23.279558
- **Time:** 10H00

DFA

Legals & Tenders

Legals

702 Creditors/Debtors

In the Estate of the late MZWANDILE NATHANIEL KHECHANE, identity number 751111 5393 083, of 4018 Rooirand, Matieleng, Barkly West, 8375.
Estate No: 3662/2018
Creditors and debtors in the above Estate are requested to file their claims and pay their debts to the under mentioned within 30 (thirty) days from date of publication hereof.
P/A CM DE BRUYN & PARTNERS, 9 Campbell Street, PO Box 140, Barkly West, 8375.

702 Creditors/Debtors



ELLIOTT MARIS WILMANS & HAY

In the Estate of the late RICHARD VUSUMZI MADELA, identity number 590721 5722 084, of 4998 Boikanyo Street, Vergenoeg, Kimberley, who died on 9 September 2020.

Estate No 002567/2020
All persons having claims against the above-mentioned Estate are required to lodge their claims with the undersigned Attorneys within 30 days from date of publication hereof.

ELLIOTT MARIS WILMANS & HAY Attorneys, PO Box 179, Cheapside, Kimberley, 8300.
Ref: P/THAAR/8516



ELLIOTT MARIS WILMANS & HAY

In the Estate of the late ELIZABETH KELEBOGILE MOHAPI, identity number 591019 0693 080, of 1935 Mzondeki Street, Kimberley, who died on 14 June 2020.

Estate No 001326/2020
All persons having claims against the above-mentioned Estate are required to lodge their claims with the undersigned Attorneys within 30 days from date of publication hereof.

ELLIOTT MARIS WILMANS & HAY Attorneys, PO Box 179, Cheapside, Kimberley, 8300.
Ref: P/THAAR/8587

702 Creditors/Debtors

In die Boedel van wyle WILLEM ADRIAAN NEL, identiteitsnommer 260619 5027 083, naam van gade Machel Maria Nel, identiteitsnommer 330503 0020 085, van Huls Stillerveë, Dennisstraat, Kimberley, 8301, wie oorlede is op 8 Julie 2019.

Boedelnr 002365/2019
Final Distribusie-rekening van bovermelde Boedel ter insaë van Meesterskantoor Kimberley. Enige vordering teen vermelde Boedel moet binne 30 dae vanaf datum van die publikasie hiervan by die betrokke Eksekuteur ingehandig word.

CECILIA ANNA MARIE HAGEN, 221 Country Life Afreeroord, suite 386, Privaatstrat X043, Bonaani, 1501.

702 Creditors/Debtors

In die Boedel van wyle CHLOWESI DAVID PHIRI, identiteitsnommer 590824 5762 082, meerderjarige man, getroude binne gemeenskap van goederde met Nozwa Yvonne Phiri, identiteitsnommer 621010 0412 088, in lewe, van Shan Close 12, Homevale, Kimberley, wie oorlede is op 10 Augustus 2019.

Boedelnr: 2911/2019
Krediteure en debiteure in bogenoemde Boedel word hiermee versoek om hul rekeninge in te dien en hul rekeninge te betaal van ondergetekende binne 30 dae gereken vanaf 8 Januarie 2021.

ENGELSMAN, MAGABANE INC, Prokureur vir die Eksekuteur, Bishopshof, Bishops Ryaan 9, Kimberley, 8301.
Ref: P/THAAR/8516

703 First/Final Notices

In die Boedel van wyle ISABEL BOTHA, identiteitsnommer 650209 0087 080, Soetdoringstraat 8, Kathu, Noord-Kaap Provinsie, wie op 3 September 2020 oorlede is.

Boedel nr 006355/2020
Die Eerste en Finale Likwidasië- en Distribusierekening in bogenoemde Boedel ter insaë lê vir alle belanghebbendes ten kantore van die Meester van die Hooggeregshof, Bloemfontein, en die Landdros, Kathu, vir 'n tydperk van EEN TWINTIG dae, gereken vanaf Vrydag, 8 Januarie 2021.

ASC DU PREEZ, p/a McIntyre van der Post Ingelyf, Posbus 540, Bloemfontein, 9300.

703 First/Final Notices

In the Estate of the late MARIA MAGDALENA LE ROUX, identity number 640225 0085 083, major widow, of 80 South Avenue, Kimberley, and who died on 21 June 2016.

Estate No 2666/2016
The First and Final Liquidation and Distribution Account in the above Estate late will lie for inspection at the offices of the Master of the High Court, Sol Plaatje Avenue, Kimberley for a period of 21 (Twenty One) days from the date of publication. Dated at Kimberley on 8 January 2021.

ENGELSMAN, MAGABANE INC, Attorneys for Executor, PO Box 609, Kimberley, 8300.

703 First/Final Notices

In die Boedel van wyle JUDY MOUTON, identiteitsnommer 660124 0085 083, van De Beersdamweg 13, Barkly-Wes, 8375, wie oorlede is op 21 Julie 2014, te Barkly-Wes.

Boedelnr: 21707/2014
Ingevolge Artikel 35(5) van Wet 66 van 1965 word hierby kennis gegee dat die Eerste en Finale Likwidasië- en Distribusierekening van bovermelde Boedel in die kantore van die Landdros/hoof te Barkly-Wes en die Meester van die Hooggeregshof te Kimberley ter insaë sal lê vir 'n tydperk van 21 dae vanaf datum van publikasie hiervan vir alle persone wat daarby belang het, indien binne genoemde tydperk geen beswaar daarteen by die betrokke Meester ingedien word nie, gaan die Eksekuteur(s) oor tot die uitbetaling ingevolge die voorgeselde rekening.

CM DE BRUYN & VENNOTE, Campbellstraat 9, Barkly-Wes, 8375. Tel (053) 531-0691.

In the Estate of the late CHARLOTTE CECILIA SALTWATER, identity number 270203 0049 083, major widow, of 18 x 13th Street, Homevale, Kimberley, and who died on 21 May 2019.

Estate No 2459/2019
The First and Final Liquidation and Distribution Account in the above Estate late will lie for inspection at the offices of the Master of the High Court, Sol Plaatje Avenue, Kimberley for a period of 21 (Twenty One) days from the date of publication. Dated at Kimberley on 8 January 2021.

ENGELSMAN, MAGABANE INC, Attorneys for Executor, PO Box 609, Kimberley, 8300.

708 Lost Deed

LOST OR DESTROYED DEED

Notice is hereby given in terms of Regulation 68 of the Deeds Registries Act, 1937, of the intention to apply for the issue of a certified copy of Deed of Transfer Number T267/2013 passed by FRANCOIS CORNELIUS MOSTERT, Identity Number 804001 5051 08 6 and TESSA MOSTERT, Identity Number 870809 0004 08 6 in favour of MELANI SCIOCATI, Identity Number 770309 0002 08 2 and PAULINA VAN ZYL, Identity Number 720509 0150 08 5 in respect of certain:

REMAINING EXTENT OF ERF 128, RITCHIE, SITUATE IN THE SOL PLAATJE MUNICIPALITY, DISTRICT KIMBERLEY, PROVINCE NORTHERN CAPE

Which has been lost or destroyed.

All persons having objection to the issue of such copy are hereby required to lodge the same in writing with the Registrar of Deeds at KIMBERLEY within two weeks from the date of the publication of this notice.

DATED AT _____ ON THIS DAY OF _____ 2020

APPLICANT
MERYN JOEL SMITH ATTORNEYS
ROYGLEN OFFICE PARK
C/O MEMORIAL ROAD & WELGEBONDEN AVENUE
KIMBERLEY
8300
mjs@mjinc.co.za
TEL: (053) 832 6293
REF: X17168/S1418

711 Public Notices

NOTICE OF APPLICATION FOR A PROSPECTING RIGHT

Orion Exploration No. 4 (Pty) Ltd has applied for a Prospecting Right to prospect for various minerals over Portion 1 (Realdale) of the Farm Eyerdop Pan 58, Remaining Extent of Portion 2 (Witkop) of the Farm Eyerdop Pan 58, Portion 3 (a portion of Portion 2 – Eyerdop Put) of the Farm Eyerdop Pan 58 and Portion 4 (a portion of Portion 2 – Rooipan) of the Farm Eyerdop Pan 58, situated in the Prieska District, Northern Cape Province.

The prospecting right application has been compiled and submitted in terms of the Mineral and Petroleum Resources Development Act, 2002 (No. 28 of 2002) as amended and in terms of the National Environmental Management Act, 1998 (No. 107 of 1998) as amended. The application for the Prospecting Right has been accepted by the Department of Mineral Resources under application reference number (NC) 30/5/1/12/12721 PRL.

Consultation will be conducted in terms of Sections 42 to 47 of the National Environmental Management Act, 1998 (Act No. 107 of 1998), Environmental Impact Assessment Regulations, 2014 and in terms of Section 16(4) and Regulation 3 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002).

The draft Basic Assessment Report and Environmental Management Programme Report is available to all registered interested and/or affected parties, upon written request thereof, for perusal and comment.

Any interested and/or affected parties are hereby invited to register as such and any objections or inputs should be lodged, in writing, at the consultant mentioned below, within 30 days of date of this advertisement, for attention to:

M and S Consulting (Pty) Ltd
P.O. Box 2473
Kimberley
8300
Tel: 053 861 1765
Fax: 086 636 0731
E-mail: ms.consulting@vodanet.co.za
Attn: Ms. Tanja Jooste

LEGALS

053 832 6261

711 Public Notices

PUBLIC NOTICE

Application for an Environmental Authorisation for the proposed activities

Notice is given for the following application:
1) Environmental authorization application for prospecting.

- **Proponent:** The applicant is Electri City Mining (Pty) Ltd.
- **Ref. no:** NC30/5/1/12/12454PR
- **Property description:** The proposed prospecting area is over Remaining extent of the farm Waalhoek 392 (T809/2009), in the district of Hay. The total extent of the mining area is 1101,5145 hectares.
- (21 SG digital codes: C031000000003920000)
- Location:** The property is situated ±45 km south-west from Douglas.

- **Project description:** The purpose of the application is to obtain the required authorisation from the Department to successfully undertake Geological surveys, test pits, drilling & bulk sampling.
- **Process of SEAIR is followed**
- **This advertisement is for the EIA/EMPR**
- **Activity applied for:** the following activities as listed in terms of NEMA (Act No. 107 of 1998) as amended and EIA Regulations, 2014 was applied for under Activity 19, (Listing Notice 2)GNR325 Activity 20 (Listing Notice 1) GNR327 Activity 27 (Listing Notice 1) GNR327
- **Minerals applied for:** Diamonds Alluvial & Diamonds in Kimberlite
- **Date submitted:** 20 September 2019
- **Stakeholder involvement:** Stakeholders are invited to register as interested and affected parties and to participate in the application process by identifying issues of concern and suggestions for consideration in the EIA/EMPR and can contact Dera Environmental Consultants for any further information. Please submit your written comments by mail, fax or e-mail in this 30 day of this notice to:

Mr. Daan Erasmus of DEHA Environmental Consultants
PO Box 6499
Flamwood
2572
E-mail: daane@dera.co.za
Tel: 018 468 5355
Fax: 018 011 3760
Cell: 082 895 3516;

- Date of advertisement: Friday 8 January 2021.
- Venue and date of meeting: Thursday 14 January 2021 on site – coordinates –29,126871 23,279558
- Time: 10H00

PUBLIC PARTICIPATION NOTICE FOR A PROSPECTING RIGHT APPLICATION

DATE OF PUBLICATION OF THIS NOTICE: 06 January 2021

NOTICE AND INVITATION TO COMMENT FOR A PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED PROSPECTING RIGHT APPLICATION FOR MANGANESE HAS BEEN ACCEPTED IN RESPECT OF THE REMAINING EXTENT OF FARM ADAMS NO.328: WITHIN THE ADMINISTRATIVE DISTRICT OF KURUMAN.

Notice is hereby given in terms of the Minerals and Petroleum Resources Act (Act No. 28 of 2002) Hereafter as Amended Section by 12(d) of The Minerals and Development Resources Development Amendment Act, 2008 (Act 19 of 2008) together with Regulation 3 (b) of the National Environmental Management Act (Act No. 107 of 1998); Environmental Impact Assessment Regulations 2017 (As Amended), that Trenta (Pty) Ltd has applied for Prospecting Right. Referenced NC30/5/1/12/12566 PR and would like to engage the local property owners, interested and affected parties in respect of the remaining extent of farm Adams No. 328: within the administrative district of Kuruman, Jon Morolong Local Municipality.

PROJECT TITLE: Trenta (Pty) Ltd: ADAMS 12566PR Prospecting Right

PROJECT PROPOSAL:
The Prospecting Right activity triggers a Basic Assessment (BA) in terms of the NEMA regulations, which will be undertaken as part of the Environmental Authorisation Application Process. A Basic Assessment Report (BAR) will be available for review for 30 days from 08 January 2021 to 08 February 2021 on Eco Elementum's Website. footelementum.co.za/downloads.

A scheduled Zoom/Teams meeting will be communicated closer to the time for all registered interested and affected parties.

Queries regarding this matter should be referred to: Environmental Assessment Practitioners;

Eco Elementum (Pty) Ltd

OPPORTUNITY TO PARTICIPATE: Interested and affected parties (I&APs) are invited to register and provide written comments. I&APs should refer to the relevant reference number(s), and must provide their comments together with their name, contact details (preferred method of notification, e.g. e-mail address or fax number) and an indication of any direct business, financial, personal or other interest which they have in the application to the contact person indicated below within 30 days from the date of this notice.

DEPARTMENT MINERALS RESOURCES REFERENCE NUMBER: NC30/5/1/12/12566 PR

Queries regarding this matter should be referred to:
Environmental Assessment Practitioners: Eco Elementum (Pty) Ltd
Ms. Kalebone Sekonyela | Office: 012 807 0383 | Fax: 086/7145389
Email: info@ecoelementum.co.za
Project Ref: 20-1263-AUTH (ADAMS 12566PR) – Prospecting Right

SITE NOTICE

APPLICATION FOR AN ENVIRONMENTAL AUTHORIZATION FOR THE PROPOSED ACTIVITIES.

Notice is given for the following application:

- 1) Environmental authorization application for prospecting.

- **Proponent:** The applicant is Electri City Mining (Pty) Ltd.
- **Ref. no:** NC30/5/1/1/2/12454PR
- **Property description:** The proposed prospecting area is over Remaining extent of the farm Waaihoek 392 (T809/2009), in the district of Hay. The total extent of the mining area is 1101.5145 hectares.

(21 SG digital codes: C0310000000039200000

Location: The property is situated ±45 km south- west from Douglas.

- **Project description:** The purpose of the application is to obtain the required authorisation from the Department to successfully: undertake Geological surveys, test pits, drilling & bulk sampling.
- **Process of S& EIR is followed**
- **This advertisement is for the EIA /EMPr**
- **Activity applied for:** the following activities as listed in terms of NEMA (Act No. 107 of 1998) as amended and EIA Regulations, 2014 was applied for under Activity 19, (Listing Notice 2)GNR325
Activity 20 (Listing Notice 1) GNR327
Activity 27 (Listing Notice 1) GNR327
- **Minerals applied for:** Diamonds Alluvial & Diamonds in Kimberlite
- **Date submitted:** 20 September 2019
- **Stakeholder involvement:** Stakeholders are invited to register as interested and affected parties and to participate in the application process by identifying issues of concern and suggestions for consideration in the EIA/EMPr and can contact Dera Environmental Consultants for any further information. Please submit your written comments by mail, fax or e-mail in this 30 day of this notice to:
Mr. Daan Erasmus of DERA Environmental Consultants
PO Box 6499 E-mail: daane@dera.co.za
Flamwood Tel: 018 468 5355
2572 Fax: 018 011 3760
 Cell: 082 895 3516;
- Date of advertisement: Friday 8 January 2021.
- Venue and date of meeting: Thursday 14 January 2021 on site – coordinates -29.126871 23.279558
- Time: 10H00

P O Box 6499
Flamwood
2572
Tel: 01 8-468 5355
Fax: 01 8-011 3760
Cell: 082 895 3516
E-mail: dera_office@dera.co.za
claaane@dera.co.za

.....
DERA

Environmental Consultants

July 2020

Department Agriculture, Land Reform and Rural Development
Head of Department
162 George Street
Kimberlite Building
Kimberley
8300

Attention: Cynthia Fortune

RE: EIA/EMP Report

Reference Number: NC30/5/1/1/2/12454PR


It is hereby confirmed that Electri City Mining (Pty) Ltd has applied for a prospecting right over the Remaining extent of the farm Waaihoek 392, situated in the district of Hay, Northern Cape.

The application was accepted by the Department of Mineral Resources and they have requested that the Department Agriculture, Land Reform and Rural Development (Northern Cape Regional Office) must be consulted about the proposed prospecting right. See attached the EIA/EMP report.

Should you have any questions regarding the above, please call Mr. Erasmus at 082 895 3516.

DERA Environmental Consultants can be contacted for any further enquiries.

Yours sincerely

P.P. 

Daan Erasmus
DERA Environmental Consultants

.....



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TCG22332359

ACCOUNT NO. (Very Important) CLIENT REFERENCE NO. DATE TIME PARCELS MASS TOLUATE CARRIER DEST OFFICE REFERENCE

Contact Name: **Daan Erasmus** Contact Phone Number (Very Important): **083 838 9100**
 Company Name: **DEBA Environmental Consultants** Contact Phone Number (Very Important): **083 839 1806**

Street Address: **37 Louis Street** Exact Street Address (We cannot deliver to Box Numbers): **Dept. Agri, Forestry, Fisheries / Dept. Rural Develop & Environment**

City: **Wilkesville** Country: **NC** Postal Code: **8300**

Special Instructions: **Deleksdop** City: **Kimberley** Country: **NC** Postal Code: **8300**

Number DESCRIPTION OF CONTENTS ACTUAL WEIGHT DIMENSIONS (mm) INSURANCE (ONLY DECLARE VALUE IF YES) R

NUMBER	DESCRIPTION OF CONTENTS	ACTUAL WEIGHT	DIMENSIONS (mm)	INSURANCE (ONLY DECLARE VALUE IF YES)	R
1	SAFETY DAY EXPRESS				
2	LOCAL OVERNIGHT COURIER BAG				
3	LOCAL SAME DAY COURIER BAG				
4	SAFETY DAY ECONOMY				
5	OVERNIGHT COURIER				
6	DOMESTIC AIR FREIGHT				
7	DOMESTIC ROAD FREIGHT				

CLIENT SIGNATURE: **DEK** RECEIVED BY THE COURIER GUY (PW) LTD. DATE: **11 / 08 20** TIME: **11:00**

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OPTIONAL: (If goods were received in good order)

P O Box 6499
Flamwood
2572
Tel: 018-468 5355
Fax: 018-011 3760
Cell: 082 895 3516
E-mail: dera_office@dera.co.za
daan@dera.co.za

.....
DERA

Environmental Consultants

July 2020

**Department of Agriculture, Forestry and Fisheries
Head of Department
162 George Street
Kimberley Building
Kimberley
8300**

Attention: Mr. Dimakatso Viljoen Mothibi

RE: EIA/EMP Report

Reference Number: NC30/5/1/1/2/12454PR


It is hereby confirmed that Electri City Mining (Pty) Ltd has applied for a prospecting right over the Remaining extent of the farm Waaihoek 392, situated in the district of Hay, Northern Cape.

The application was accepted by the Department of Mineral Resources and they have requested that the Department of Agriculture, Forestry and Fisheries (Northern Cape Regional Office) must be consulted about the proposed prospecting right. See attached the EIA/EMP Report.

Should you have any questions regarding the above, please call Mr. Erasmus at 082 895 3516.

DERA Environmental Consultants can be contacted for any further enquiries.

Yours sincerely

p.p. - 

Daan Erasmus
DERA Environmental Consultants

.....



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TCG22332359


ACCOUNT NO. (Very Important) CLIENT REFERENCE DE DATE TIME PARCELS CLASS VOLUME ORIGIN DEST OFFICE REFERENCE

Contact Name: **Daan Erasmus** Contact Phone Number (Very Important): **083 828 9100**
 Company Name: **DEBA Environmental Consultants** Contact Phone Number (Very Important): **083 1 485 5355**

Street Address: **57 Louis Street**
 City: **Wilkeppies** Country: **NM** Postal Code: **2572**

Special Instructions: **Deba**
 City: **Kimberley** Country: **NC** Postal Code: **8300**

NUMBER	DESCRIPTION OF CONTENTS	ACTUAL WEIGHT	DIMENSIONS (cm)	INSURANCE	Y	N	DECLARED VALUE	H
1	SALE DAY EXPRESS	8	INTERNATIONAL DOCUMENTS					
2	LOCAL OVERNIGHT COURIER BAG	9	INTERNATIONAL PARCELS					
3	LOCAL SAME DAY COURIER BAG	10	INTERNATIONAL AIR FREIGHT					
4	SALE DAY SHOW	11	AFTERNOONS SERVICE					
5	OVERNIGHT COURIER	12	SATURDAY SERVICE					
6	DOMESTIC AIR FREIGHT	13	EARLY BIRD					
7	DOMESTIC ROAD FREIGHT	14	NATIONAL EVENING SERVICE					
							TOTAL	

CLIENT SIGNATURE:  RECEIVED BY: **THE COURIER GUY (Pty) Ltd.** DATE: **11 / 08 / 20** TIME: **11:30**

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Flamwood
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Tel: 018-468 5355
Fax: 018-011 3760
Cell: 082 895 3516
E-mail: dera.office@dera.co.za
daane@dera.co.za

.....
DERA

Environmental Consultants

July 2020

Department of Water and Sanitation
28 Central Road
Beaconsfield
Kimberley
8300

Attention: Mr. Abe Abrahams

RE: EIA/EMP Report

Reference Number: NC30/5/1/1/2/12454PR


It is hereby confirmed that Electri City Mining (Pty) Ltd has applied for a prospecting right over the Remaining extent of the farm Waaihoek 392, situated in the district of Hay, Northern Cape

The application was accepted by the Department of Mineral Resources and they have requested that the Department of Water and Sanitation (Northern Cape Regional Office) must be consulted about the proposed prospecting right. See attached the EIA/EMP report.

Should you have any questions regarding the above, please call Mr. Erasmus at 082 895 3516.

DERA Environmental Consultants can be contacted for any further enquiries.

Yours sincerely

p.p. 

Daan Erasmus
DERA Environmental Consultants

.....



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EMPLETA Ekurhuleni City NC 12454 JR

ACCOUNT NO. (over impound) CLIENT REFERENCE DO DATE TIME HANDLER MASS VOLUME WEIGHT COST CARRIER REFERENCE

Contact Name: **Daan Erasmus** Contact Phone Number (Var. Impound): **018 468 5355**

Company Name: **Data Environmental Consultants**

Street Address: **21 Louis Staal**

City: **Witkopie** Country: **Nw** Postal Code: **0512**

Special Instructions: **Kimberley NC 8300**

To Contact Name: **Abel Abrahams** Contact Phone Number (Var. Impound): **053 830 8800**

Company Name: **Dopl Waka & Sanikwisa**

Street Address: **28 Central Road**

City: **Beaconsfield** Country: **NC** Postal Code: **8300**

RECEIVER	DESCRIPTION OF CONTENTS	ACTUAL WEIGHT	DIAGNOSTIC CODE
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		2	2
		2	2

CLIENT SIGNATURE:

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Heritage Cases Application for Prospecting Right has been created.

Heritage Cases

Application for Prospecting Right

CaseHeader LocationInfo Admin

ProposalDescription:

The prospecting phase will only be: Phase 1 – Geological desktop studies and surveys, Phase 2 – Test pits and Phase 3 – Bulk Sampling.

Expanded_Motivation:

The prospecting area was identified through aerial photographs. The extent of the prospecting area will be 1101 hectares. Information from Geological surveys will be used in order to determine where the test pits will take place. This will in turn help to determine the boundaries of the proposed prospecting area for more detailed surveying. PHASE 1: Geological desktop studies and surveys in order to try and identify the gravel run. Various geological maps and instruments will be used to identify if alluvial gravel deposits and or kimberlite pipes might be present on the application area. 12 Months needed for phase 1. PHASE 2: In Phase 2 test pits will be made (2 m x 2 m x ± 5m deep), on a grid of 100 x 100meters and where necessary on a 50 x 50 meters grid where the gravel outcrops. These test pits are made with a 30 ton excavator, to determine if any diamond bearing gravel does occur. This test pits will be closed up immediately before the excavator move on to the next one. 12 Months are needed for Phase 2. PHASE 3: In order to determine if the gravel does have diamonds the gravel needs to be taken out and tested, by putting it through the washing process. Trenching will be used to open the gravel in order to get a representative sample for testing. The trenches will be 10 x 60 x ± 5 m (deep). In one trench ± 3000m³ (4800 ton) gravel will be exposed and tested with a 16 feet washing pan at a rate of 15m³ (24 ton) an hour. The total prospecting area is 1011hectares, thus it is anticipated that a total of 30 000m³ (48 000ton) will be tested by making10 trenches (0.6 ha) on different locations over the whole prospecting area, where the possibility of diamond bearing gravel were identified with the test pits. Taken at an 8 hour working day, 5 days a week and 20 days a month, the applicant will be able to process 2400m³ a month. The processing of 30 000m³ will take about 22 months for Phase 3 including the rehabilitation.

ApplicationDate: Monday, February 22, 2021 - 09:24

CaseID: 16102

Applicants: [Electri City Mining \(Pty\) Ltd](#)


Consultants/Experts: [Daan Erasmus](#)

OtherReferences:

Dept	CaseReference	DueDate	FinalDecision
DMR - NC	NC30/5/1/1/2/12454PR	25/02/2021	Decision

ReferenceList:

AdditionalDocuments

-  [Electri City Mining \(Pty\) Ltd - Waaihoek - Scoping Report - Part 2 of 2.pdf](#)

[Back to Top](#)

South African Heritage Resources Agency
(SAHRA)
Head Office
111 Harrington Street
CAPE TOWN
8001


PO Box 4637
Cape Town, 8000
Tel 021 462 4502/Fax 021 462 4509
Email info@sahra.org.za
Web www.sahra.org.za
(<http://www.sahra.org.za>)



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 Chat (11)

Institutions and Organisations *Electri City Mining (Pty) Ltd* has been updated.

Institutions and Organisations

Electri City Mining (Pty) Ltd



Email: morne@ncts.co.za

DateEstablished: 01/03/2012

TelNo(s): 0825723025

OrganisationDocs:

Attachments

Attachments	Size
 Electri City Mining (Pty) Ltd - Waaihoek - Company documents.pdf	1.06 MB
 Phase 1 HIA for proposed Prospecting right over the farm Waaihoek 392	4.04 MB

Author: [dera.environmental](#)

Post date: 22/02/2021

Active?: YES

[Back to Top](#)

South African Heritage Resources Agency
(SAHRA)
Head Office
111 Harrington Street
CAPE TOWN
8001

PO Box 4637
Cape Town, 8000
Tel: 021 462 4502/Fax: 021 462 4509
Email: info@sahra.org.za
Web: www.sahra.org.za
<http://www.sahra.org.za>

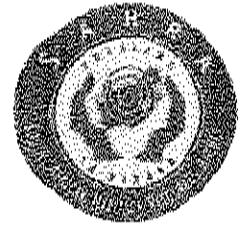


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T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 16102

Date: Friday March 12, 2021
Page No: 1

Interim Comment

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Electri City Mining (Pty) Ltd

The prospecting phase will only be: Phase 1 – Geological desktop studies and surveys, Phase 2 – Test pits and Phase 3 – Bulk Sampling.

DERA Environmental Consultants (Pty) Ltd has been appointed by Electri City Mining (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for proposed prospecting activities on the remaining extent of the farm Waaihoek 392, near Griekwastad, Northern Cape Province (NC 30/5/1/1/2/12454 PR).

A draft Scoping Report and has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 EIA Regulations for activities that trigger the Mineral and Petroleum Resources Development Act, 2002 (MPRDA)(As amended). The proposed prospecting right application area will cover 1 011.5145 ha and will include an unknown number of test pits (2 m x 2 m x 5 m deep) with areas around each pit to be cleared of topsoil and grass (2 m x 2 m x 3.5 m), and an unknown number of trenches (10 x 6 x 5 m deep). Associated infrastructure will include a washing plant and stockpiles.

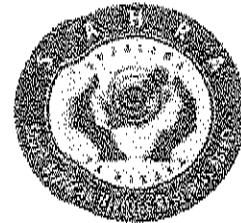
A desktop heritage study is recommended to be conducted (see page 18 of the DSR). There is also a mention of a graveyard that will require preservation and management. However, it is also noted on page 39 of the DSR that there will be no heritage specialist studies conducted.

Interim Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that a desktop Heritage Impact Assessment be conducted as part of the EA application. The assessment of archaeological resources must be conducted by a qualified archaeologist and the report comply with the SAHRA 2007 Minimum Standards: Archaeological and Palaeontological Components of Impact Assessment Reports (see www.asapa.co.za or www.aphp.org.za for a list of qualified archaeologists).

The proposed development is located within an area of moderate and high Palaeontological Sensitivity as per the SAHRIS PalaeoSensitivity map, and therefore a desktop Palaeontological Impact Assessment (PIA) must be required to be undertaken by a qualified palaeontologist. (See

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Enquiries: Natasha Higgitt
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Email: nhiggitt@sahra.org.za
CaseID: 16102

Date: Friday March 12, 2021
Page No: 2

<https://www.palaeosa.org/heritage-practitioners.html> for a list of qualified palaeontologists). The report must comply with the 2012 Minimum Standards: Palaeontological Components of Heritage Impact Assessments.

Any other heritage resources as defined in section 3 of the NHRA that may be impacted, such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

Further comments will be issued upon receipt of the above requested reports and the draft EIA documents with associated appendices.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/557812>

Application for Prospecting Right NC30/5/1/1/2/12454PR

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CaseID: 16102

Date: Friday March 12, 2021
Page No: 3

(DMR - NC, Ref: NC30/5/1/1/2/12454PR)

Heritage Cases Application for Prospecting Right NC30/5/1/1/2/12454PR has been updated.

Heritage Cases

Application for Prospecting Right NC30/5/1/1/2/12454PR

42 reads

CaseHeader LocationInfo Admin

ProposalDescription:

The prospecting phase will only be: Phase 1 – Geological desktop studies and surveys, Phase 2 – Test pits and Phase 3 – Bulk Sampling.

Expanded_Motivation:

The prospecting area was identified through aerial photographs. The extent of the prospecting area will be 1101 hectares. Information from Geological surveys will be used in order to determine where the test pits will take place. This will in turn help to determine the boundaries of the proposed prospecting area for more detailed surveying. PHASE 1: Geological desktop studies and surveys in order to try and identify the gravel run. Various geological maps and instruments will used to identify if alluvial gravel deposits and or kimberlite pipes might be present on the application area. 12 Months needed for phase 1. PHASE 2: In Phase 2 test pits will be made (2 m x 2 m x ± 5m deep), on a grid of 100 x 100meters and where necessary on a 50 x 50 meters grid where the gravel outcrops. These test pits are made with a 30 ton excavator, to determine if any diamond bearing gravel does occur. This test pits will be closed up immediately before the excavator move on to the next one. 12 Months are needed for Phase 2. PHASE 3: in order to determine if the gravel does have diamonds the gravel needs to be taken out and tested, by putting it through the washing process. Trenching will be used to open the gravel in order to get a representative sample for testing. The trenches will be 10 x 60 x ± 5 m (deep). In one trench ± 3000m³ (4800 ton) gravel will be exposed and tested with a 16 feet washing pan at a rate of 15m³ (24 ton) an hour. The total prospecting area is 1011hectares, thus it is anticipated that a total of 30 000m³ (48 000tons) will be tested by making10 trenches (0.6 ha) on different locations over the whole prospecting area, where the possibility of diamond bearing gravel were identified with the test pits. Taken at an 8 hour working day, 5 days a week and 20 days a month, the applicant will be able to process 2400m³ a month. The processing of 30 000m³ will take about 22 months for Phase 3 including the rehabilitation.

ApplicationDate: Monday, February 22, 2021 - 09:24

CaseID: 16102

Applicants: Electri City Mining (Pty) Ltd

Consultants/Experts: Rean Erasmus

OtherReferences:

App	CaseID/Reference	IssueDate	FinalDecision
DMR - NC	NC30/5/1/1/2/12454PR	25/02/2021	

Heritage Reports: Waalhoek PR_HIA

ReferenceList:

Additional Documents

- [Electri City Mining \(Pty\) Ltd - Waalhoek - Scoping Report - Part 1 of 2.pdf](#)
- [Electri City Mining \(Pty\) Ltd - Waalhoek - Scoping Report - Part 2 of 2.pdf](#)
- [Phase 1 Heritage Impact Assessment](#)
- [EMPR/EIA submitted to DMRE](#)

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Heritage Cases Application for Prospecting Right NC30/5/1/1/2/12454PR has been updated.

Heritage Cases

Application for Prospecting Right NC30/5/1/1/2/12454PR

31 reads

CaseHeader LocationInfo Admin

ProposalDescription:

The prospecting phase will only be: Phase 1 – Geological desktop studies and surveys, Phase 2 – Test pits and Phase 3 – Bulk Sampling.

Expanded Motivation:

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ApplicationDate: Monday, February 22, 2021 - 09:24

CaseID: 16102

Applicants: Electri City Mining (Pty) Ltd

Consultants/Experts: Daan Erasmus

OtherReferences:

Dept	Case/Reference	Due/Date	Final/Decision
DMR - NC	NC30/5/1/1/2/12454PR	25/02/2021	

ReferenceList:

ADPViewDocuments

- [Electri City Mining \(Pty\) Ltd - Waalhoek - Scoping Report - Part 1 of 2.pdf](#)
- [Electri City Mining \(Pty\) Ltd - Waalhoek - Scoping Report - Part 2 of 2.pdf](#)
- [Phase 1 Heritage Impact Assessment](#)

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A message has been sent to [natasha.higgitt](#).

SAHRIS Case ID 16102

Between you and [natasha.higgitt](#)

[natasha.higgitt](#) 10:28 am

Good morning,

Please note that the DEIA and appendices must be uploaded to the case in order for an informed comment to be issued.

I will change the status of the case to DRAFT. Once the DEIA and appendices have been uploaded, please change the status of the case to SUBMITTED.

Kind regards,
Natasha Higgitt

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

Add message to tracker:

You 2 sec ago

Hello Natasha

I did upload the Phase 1 Heritage Impact Assessment.
I'm not sure what the DEIA is you are referring to?
Can you please explain.

Kind Regards
Esna Erasmus

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

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Chat (0)

A message has been sent to [natasha.higgitt](#).

SAHRIS Case ID 16102

Between you and [natasha.higgitt](#)

[natasha.higgitt](#) Feb 8

Good morning,

Please note that the DEIA and appendices must be uploaded to the case in order for an informed comment to be issued.

I will change the status of the case to DRAFT. Once the DEIA and appendices have been uploaded, please change the status of the case to SUBMITTED.

Kind regards,
Natasha Higgitt

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

Add message to tracker:

You Feb 8

Hello Natasha

I did upload the Phase 1 Heritage Impact Assessment.

I'm not sure what the DEIA is you are referring to?

Can you please explain.

Kind Regards
Esna Erasmus

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

Add message to tracker:

[natasha.higgitt](#) Feb 8

Good afternoon,

I noted the HIA. I am referring to the Draft Environmental Impact Assessment report. Only the Scoping report has been submitted to the case. We required the DEIA in order to issue an informed comment. Please upload this document as soon as possible.

Regards,
Natasha Higgitt

Add message to tracker:

You Feb 8

Hello Natasha

Thank you for the clarification.

We have done it and will upload it asap.

Thank you very much.

Kind Regards

Esna Erasmus

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

Add message to tracker:

You 3 sec ago

Hello Natasha

I send another messages, but I'm not sure if I used the correct channel.

I just want to find out when we will be receiving you final comment on our application? DMRE want proof of it as part of the Prospecting Right application.

If you can please give me an indication in order to inform DMRE of such.

Kind Regards

Esna Erasmus

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SAHRIS Case ID 16102

Between you and [natalsha.higgitt](#)

[natalsha.higgitt](#) Feb 6

Good morning,

Please note that the DEIA and appendices must be uploaded to the case in order for an informed comment to be issued.

I will change the status of the case to DRAFT. Once the DEIA and appendices have been uploaded, please change the status of the case to SUBMITTED.

Kind regards,
Natasha Higgitt

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

Add message to tracker:

You Feb 8

Hello Natasha

I did upload the Phase 1 Heritage Impact Assessment.
I'm not sure what the DEIA is you are referring to?
Can you please explain.

Kind Regards
Esna Erasmus

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

Add message to tracker:

[natalsha.higgitt](#) Feb 8

Good afternoon,

I noted the HIA. I am referring to the Draft Environmental Impact Assessment report. Only the Scoping report has been submitted to the case. We required the DEIA in order to issued an Informed comment. Please upload this document as soon as possible.

Regards,
Natasha Higgitt

Add message to tracker:

You Feb 8

Hello Natasha

Thank you for the clarification.
We have done it and will upload it asap.

Thank you very much.

Kind Regards

Esna Erasmus

CaseReference:

[Application for Prospecting Right NC30/5/1/1/2/12454PR](#)

Add message to tracker:

You Feb 14

Hello Natasha

I send another messages, but I'm not sure if I used the correct channel.

I just want to find out when we will be receiving you final comment on our application?
DMRE want proof of it as part of the Prospecting Right application.

If you can please give me an indication in order to inform DMRE of such.

Kind Regards

Esna Erasmus

Add message to tracker:

[natalsha.higgitt](#) 1:56 pm

Good afternoon,

Please note that an Interim Comment has been issued on SAHRIS Case ID 16102.
Please see the link to the case.

Kind regards,
Natasha Higgitt

Add message to tracker:

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION OR
FOR A PART TWO AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION
AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE
ENVIRONMENTAL SENSITIVITY**

EIA Reference number:

Project name: Electri City Mining (Pty) Ltd

Project title: Waaihoek 392

Date screening report generated: 02/12/2019 09:39:56

Applicant: Morne de Jager

Compiler: DERA

Compiler signature:

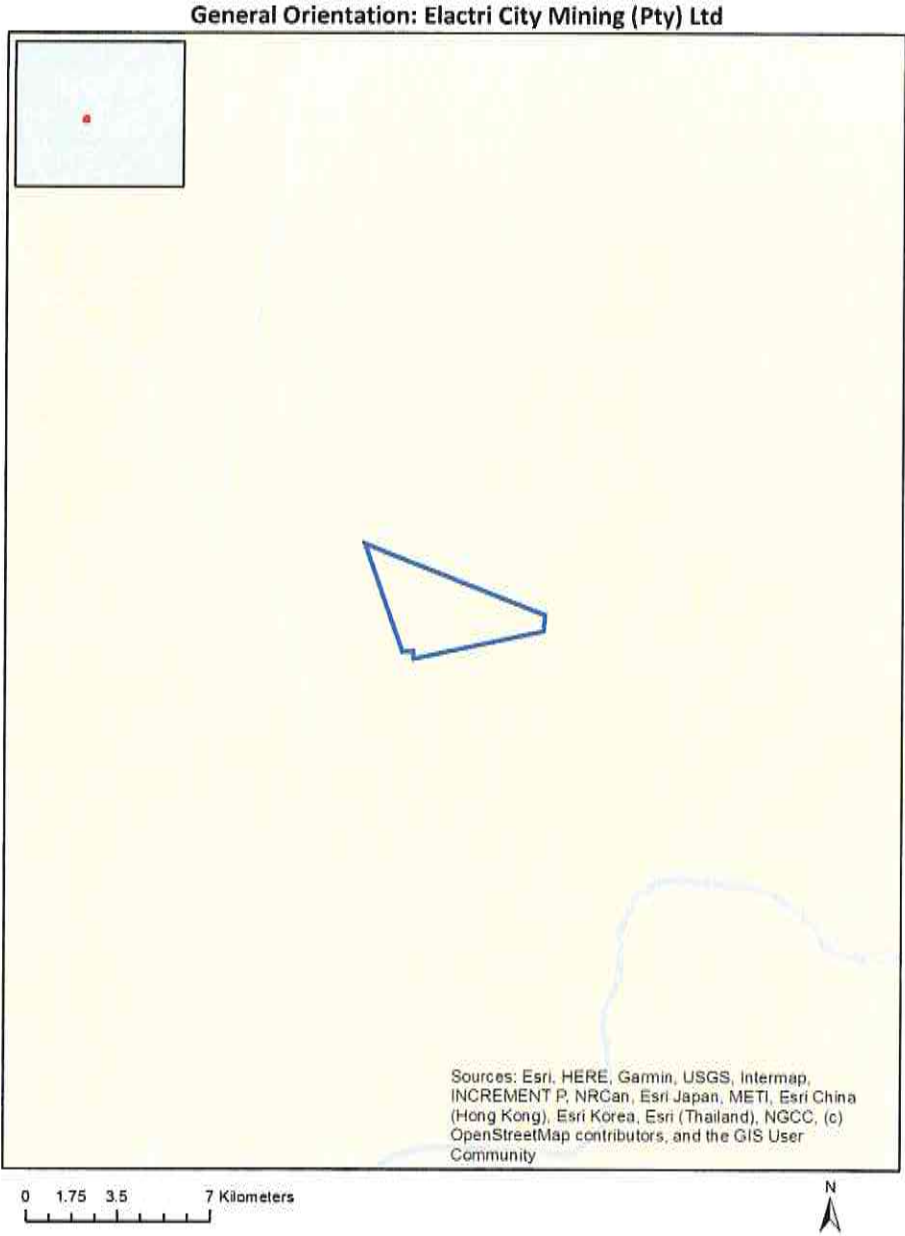

.....

Table of Contents

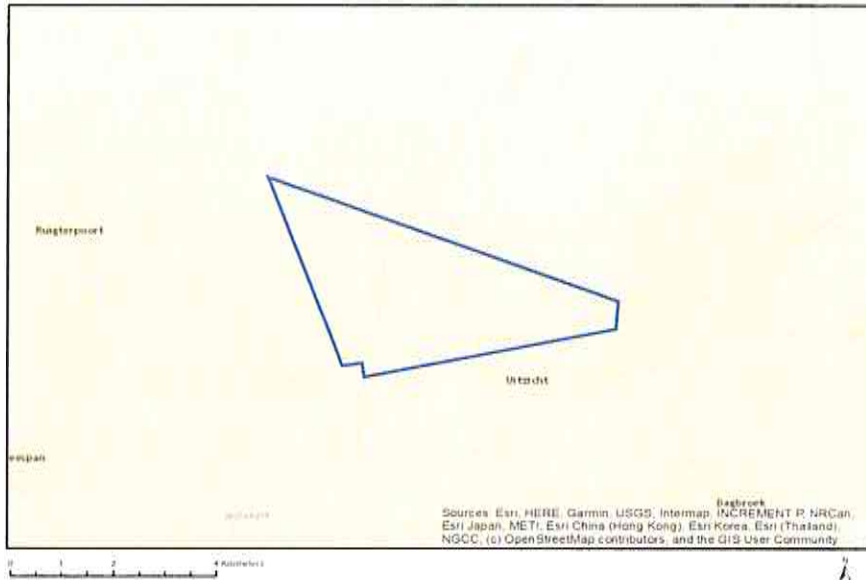
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Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	4
Environmental Management Frameworks relevant to the application	5
Environmental screening results and assessment outcomes	5
Relevant development incentives, restrictions, exclusions or prohibitions	5
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MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	10
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Proposed Project Location

Orientation map 1: General location



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1		392	0	29°7'24.34S	23°17'46.96E	Farm
2	WINDHOEK	393	0	29°5'3.2S	23°17'47.15E	Farm
3	READS DRIFT	74	0	29°8'6.78S	23°27'48.51E	Farm
4	READS DRIFT	74	4	29°7'15.41S	23°21'12.34E	Farm Portion
5		392	0	29°6'43.61S	23°17'22.99E	Farm Portion
6	WINDHOEK	393	1	29°5'37.3S	23°17'43.87E	Farm Portion
7		392	1	29°8'4.01S	23°18'10.32E	Farm Portion

Development footprint¹ vertices:

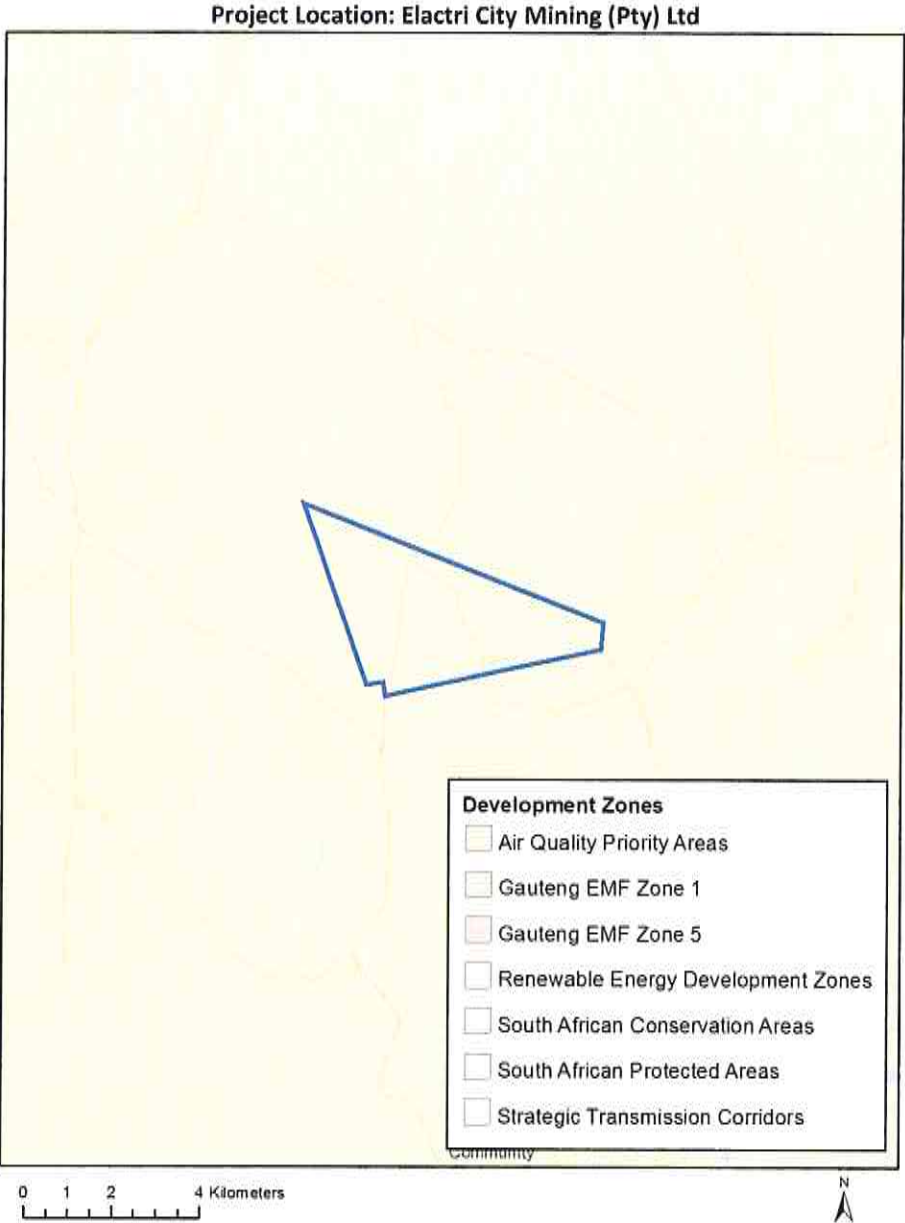
No development footprint(s) specified.

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	12/12/20/2645	Solar PV	Approved	29.1
2	14/12/16/3/3/1/484	Solar PV	Approved	25.4

¹ "development footprint", means the area within the site on which the development will take place and includes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones



Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme			X	
Aquatic Biodiversity Theme				X

Archaeological and Cultural Heritage Theme		X		
Civil Aviation Theme				X
Paleontology Theme		X		
Plant Species Theme				X
Defence Theme				X
Terrestrial Biodiversity Theme	X			

Specialist assessments identified

Based on the selected classification, and the environmental sensitivities of the proposed development footprint, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

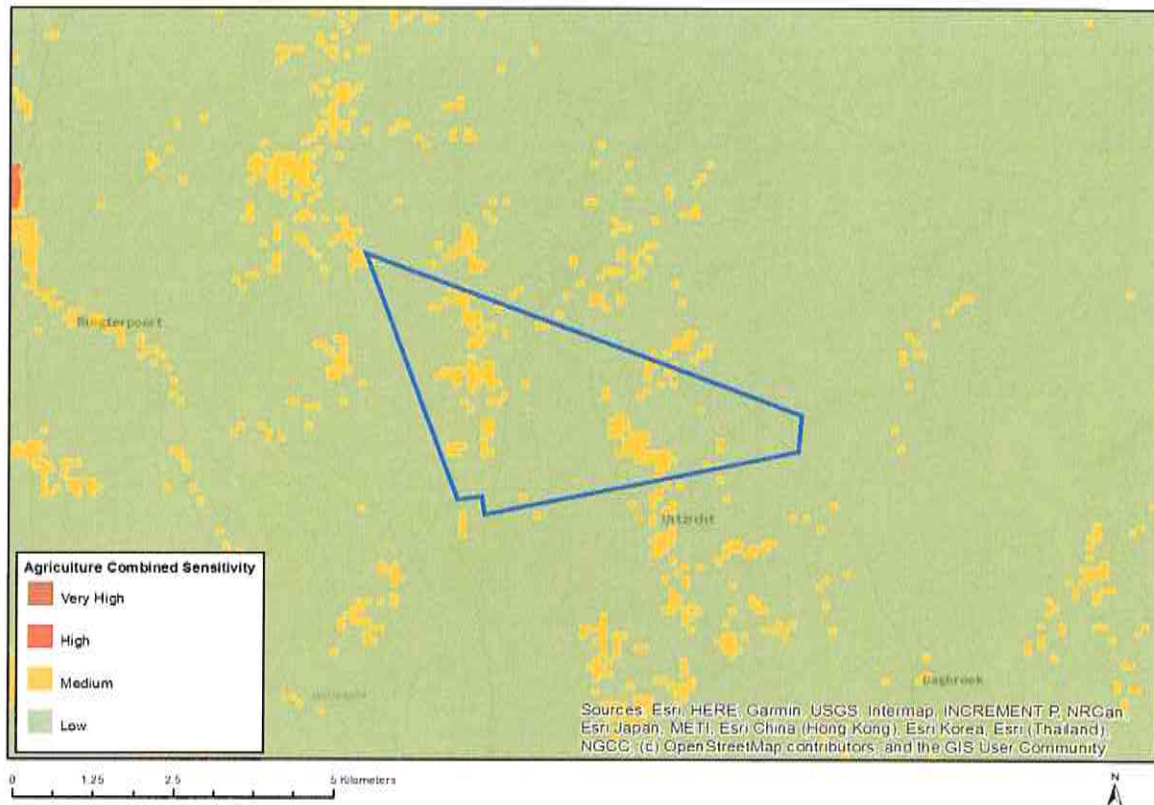
N	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted Agriculture Assessment Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
3	Paleontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted Terrestrial Biodiversity Assessment Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted Aquatic Biodiversity Assessment.pdf
6	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted Noise Impacts Assessment Protocols.pdf

	ment	
7	Radioactivity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
8	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
9	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

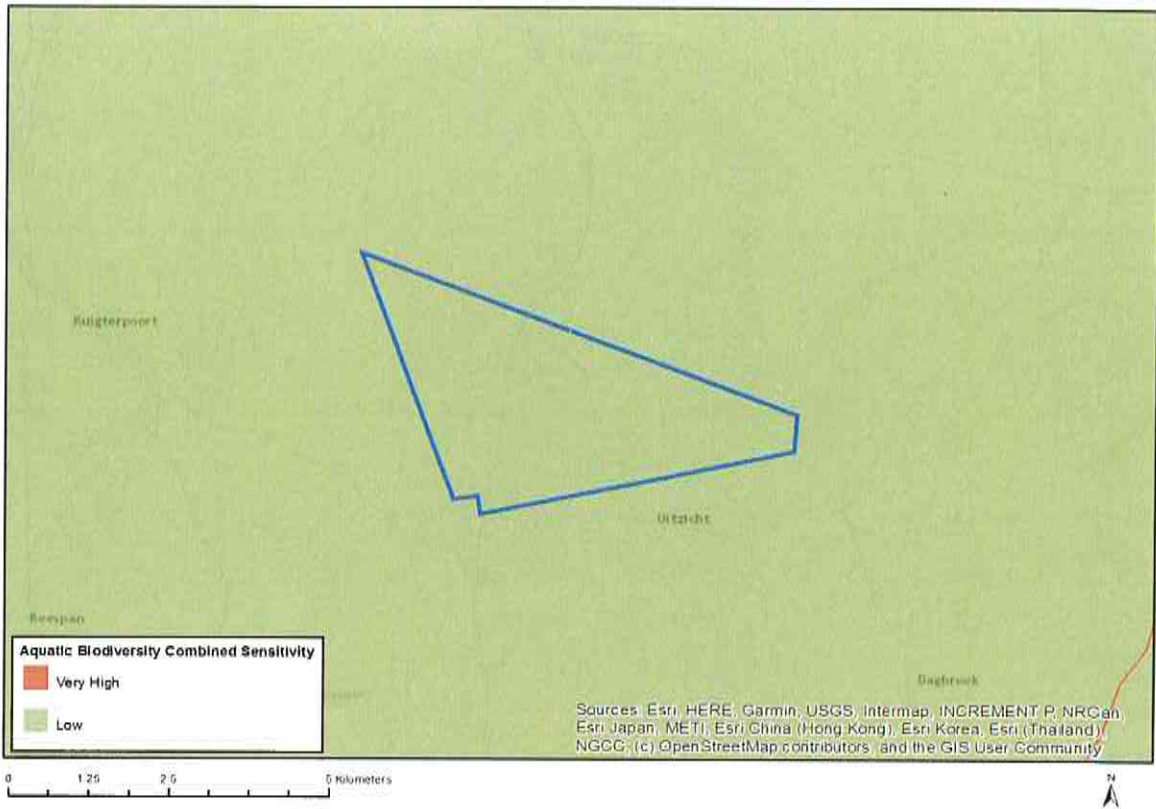


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

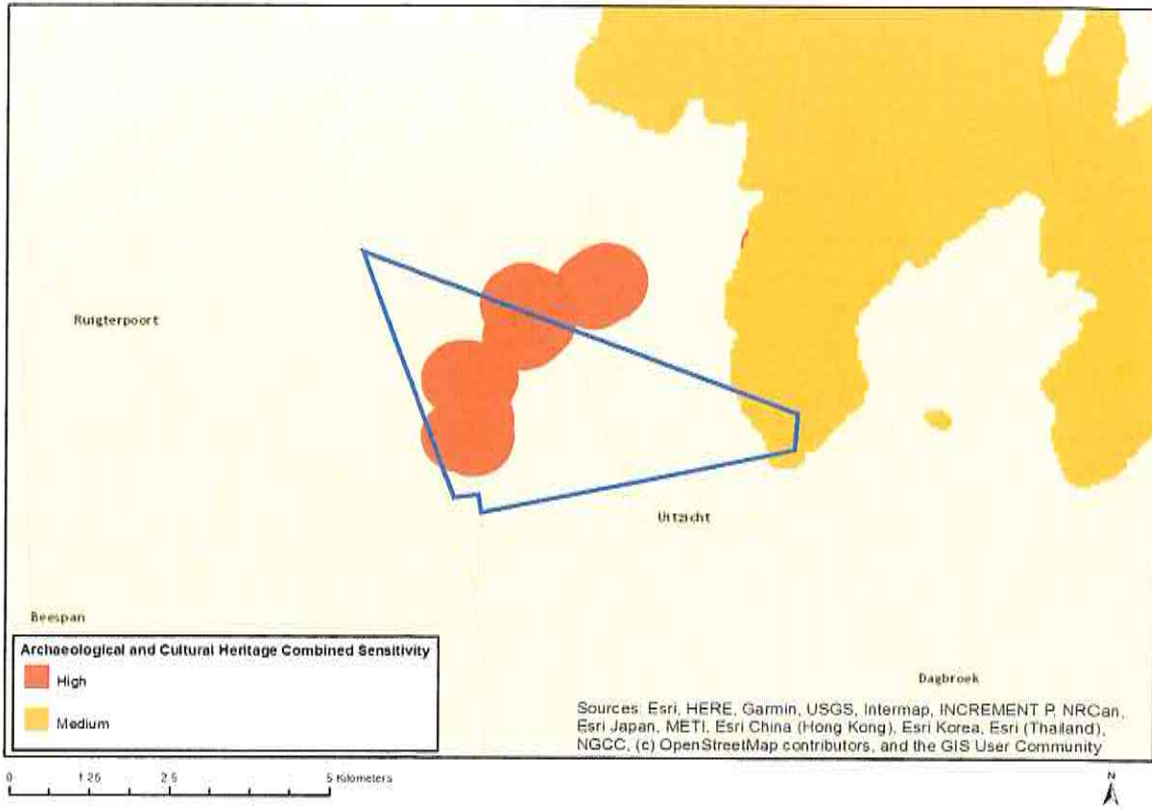


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity Areas

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

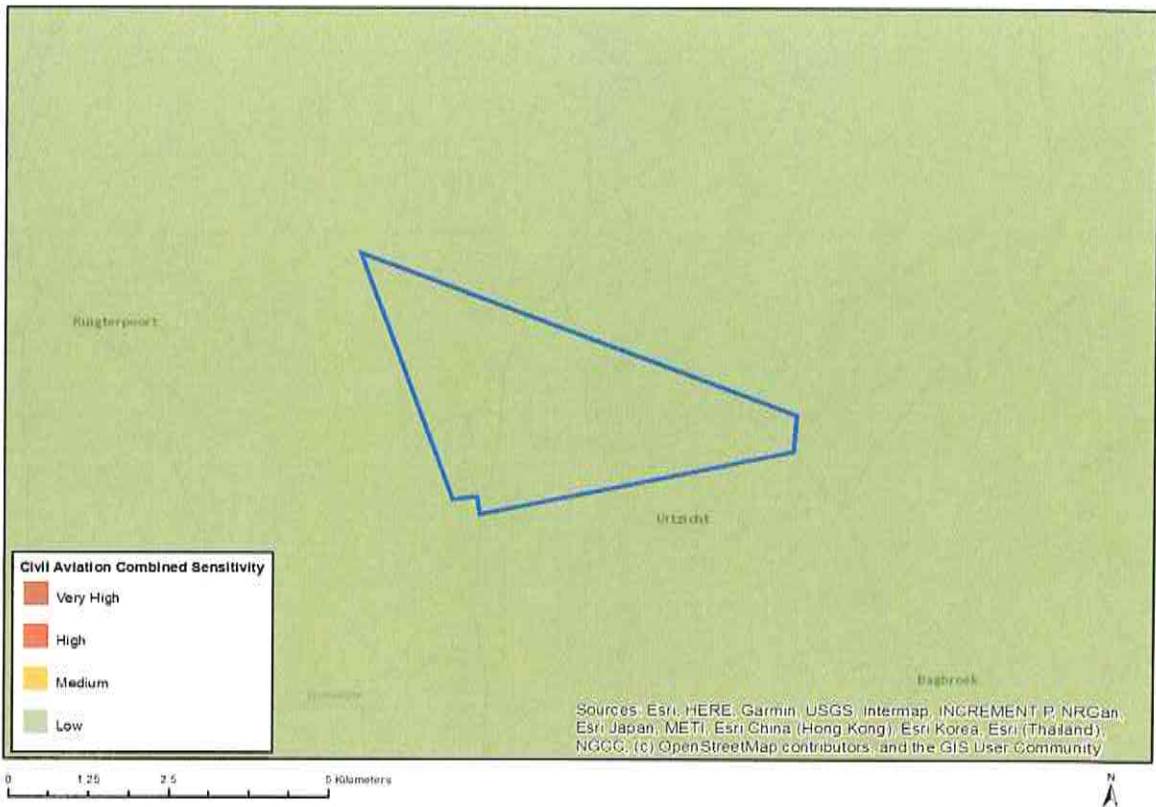


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within an important wetland
High	Within 500 m of an important wetland
Medium	Mountain or ridge

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

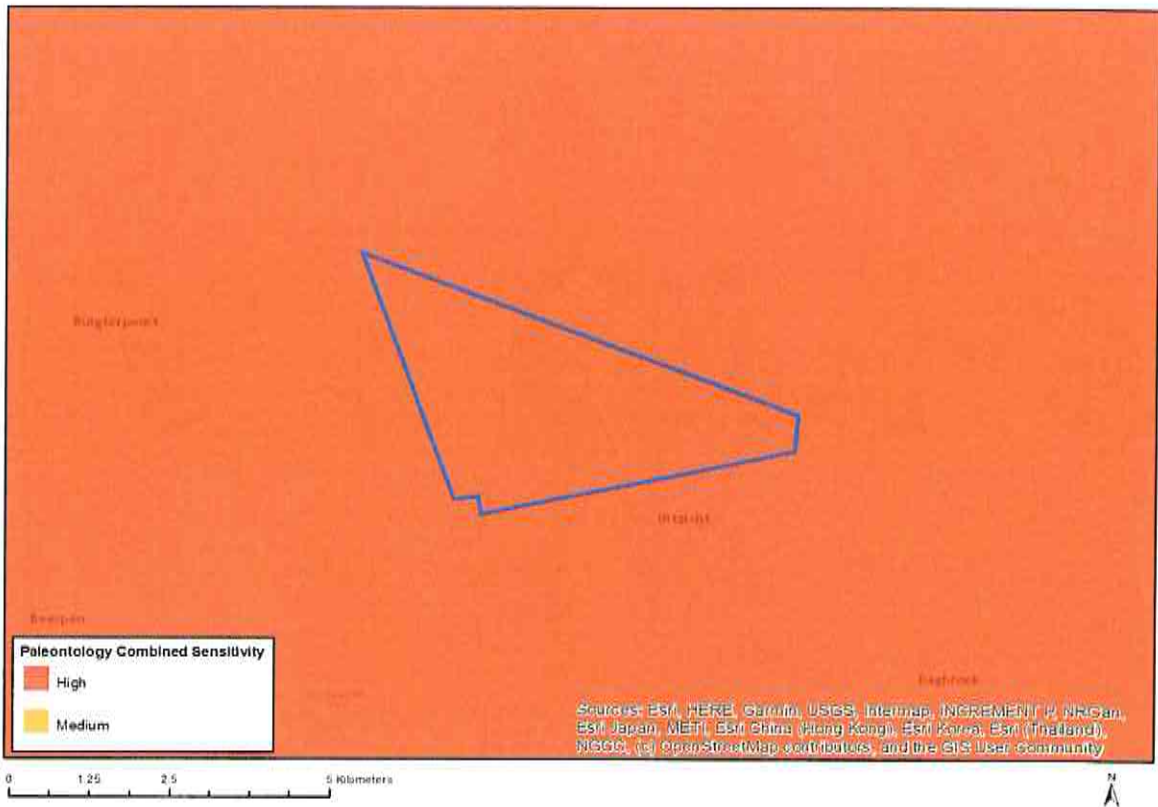


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

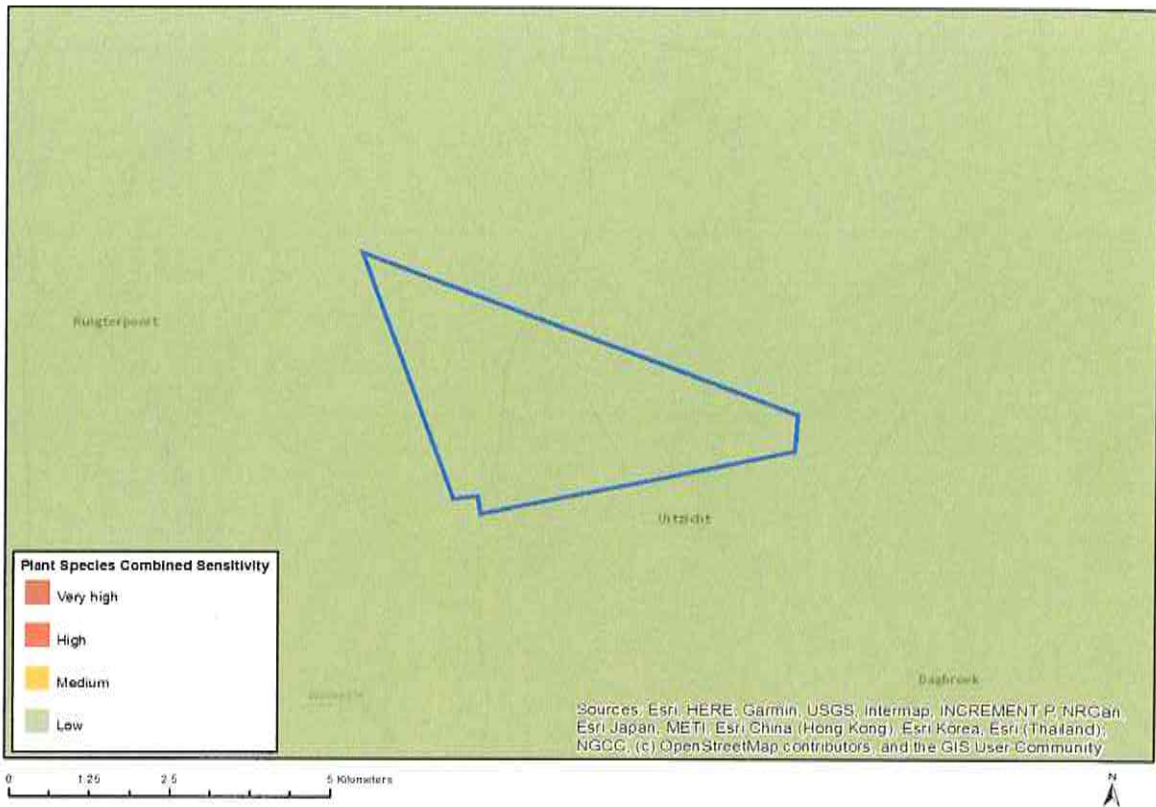


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Rock units with a high paleontological sensitivity
Medium	Rock units with a medium paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY

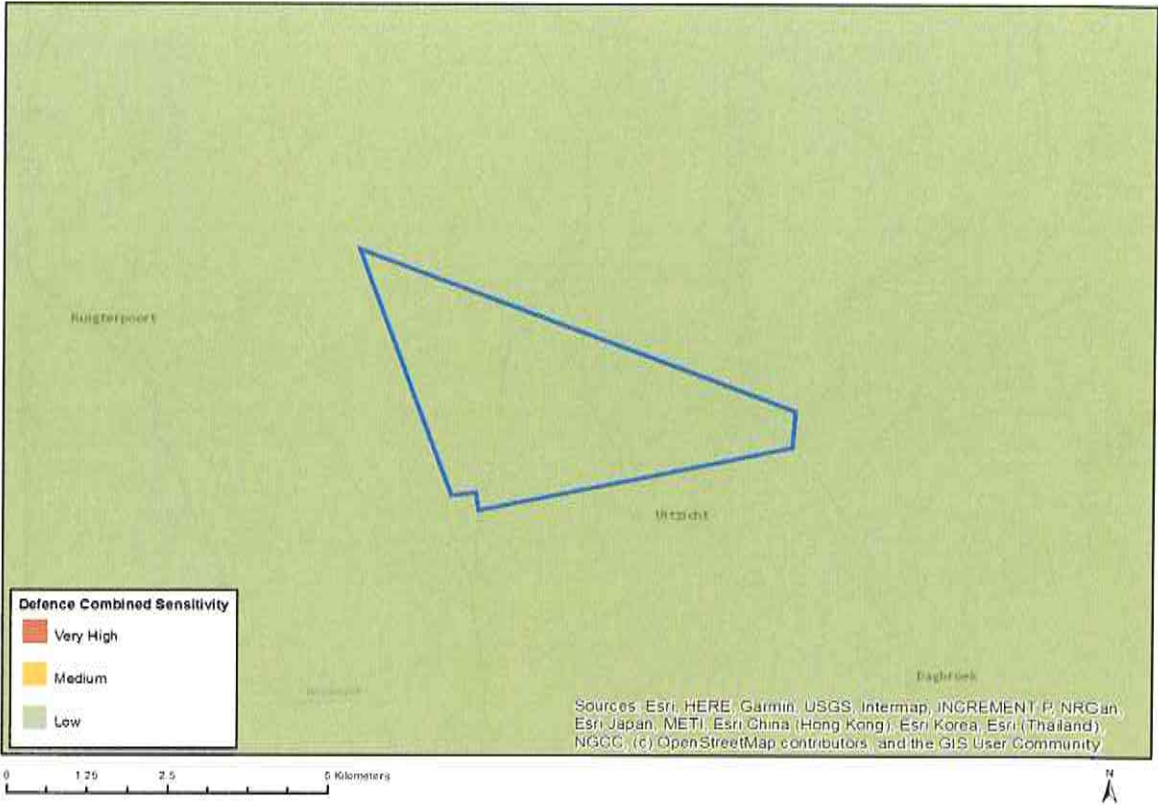


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

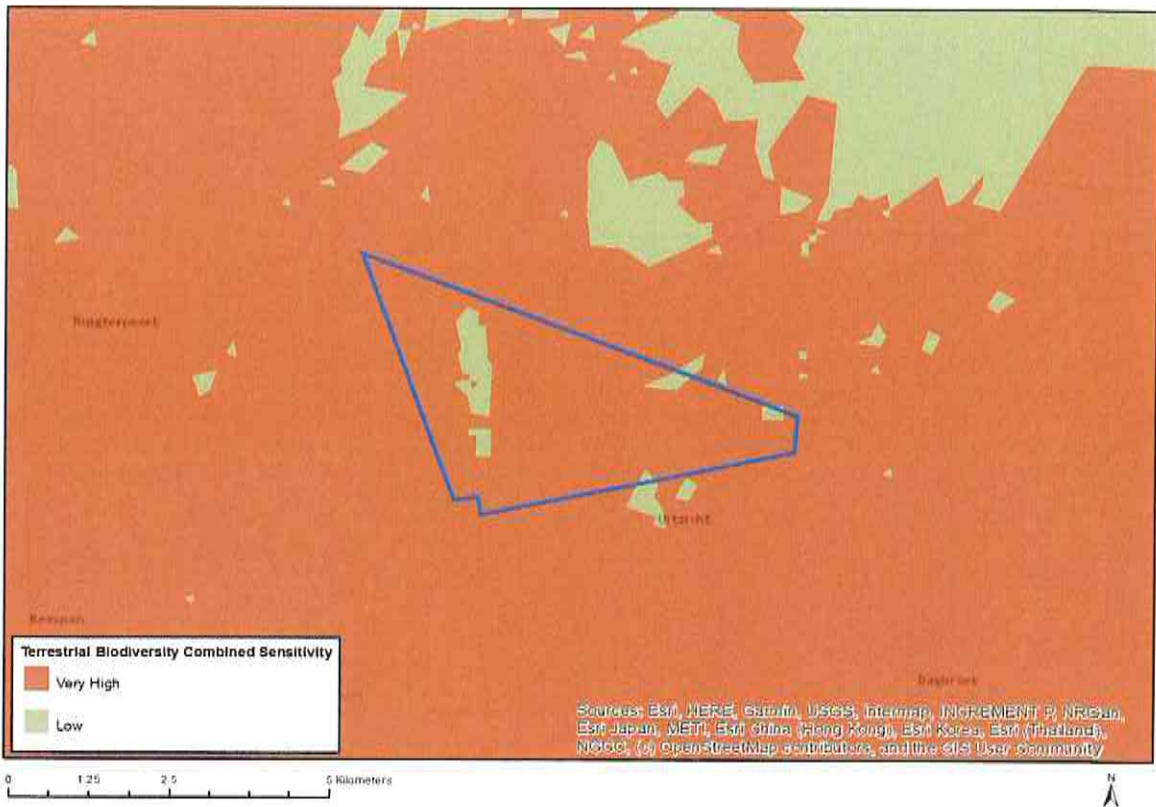


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	None
Very High	Ecological Support Area 1
Very High	Critical Biodiversity Area 1
Very High	Critical Biodiversity Area 2

TERRESTRIAL BIODIVERSITY SPECIALIST ASSESSMENT REPORT

With special reference to:

*	SITE SENSITIVITY VERIFICATION
*	SPECIALIST ASSESSMENT
*	Terrestrial Biodiversity Compliance Statement

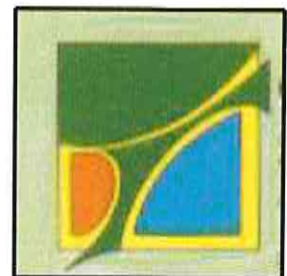
EIA Reference number: NC30/5/1/1/2/12454 PR
Project name: Electri City Mining (Pty) Ltd. (Pty) Ltd.
Project title: Waaihoek
Date report generated: 4 March 2021
Applicant: Electri City Mining (Pty) Ltd. (Pty) Ltd.
Application Category: Mining|Prospecting Right

Compiled by: Celtis Environmental Solutions

Compiler signature:



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F J ERASMUS



Application Category: Prospecting Right

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APPENDIX A		
*	Curriculum Vitae	
*	SACNASP Registration certificate	
*	Signed statement of independence	

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	None
Very High	Ecological Support Area 1
Very High	Critical Biodiversity Area 1
Very High	Critical Biodiversity Area 2

Note: An area with a “Low environmental sensitivity” is being indicated on the map but not in the table by the screening tool. See the map on the previous page.

2. SITE SENSITIVITY VERIFICATION

Prior to commencing with a specialist assessment, **the current use of the land and the environmental sensitivity** of the site under consideration identified by the **national web based environmental screening tool** (screening tool), where determined, must be confirmed by undertaking a **site sensitivity verification**.

2.1. **The site sensitivity verification** must be undertaken through the use of:

(a) a desk top analysis, **using satellite imagery**;

It is important to have the following background information as a starting point:

Description:

Vegetation type: Northern Upper Karoo

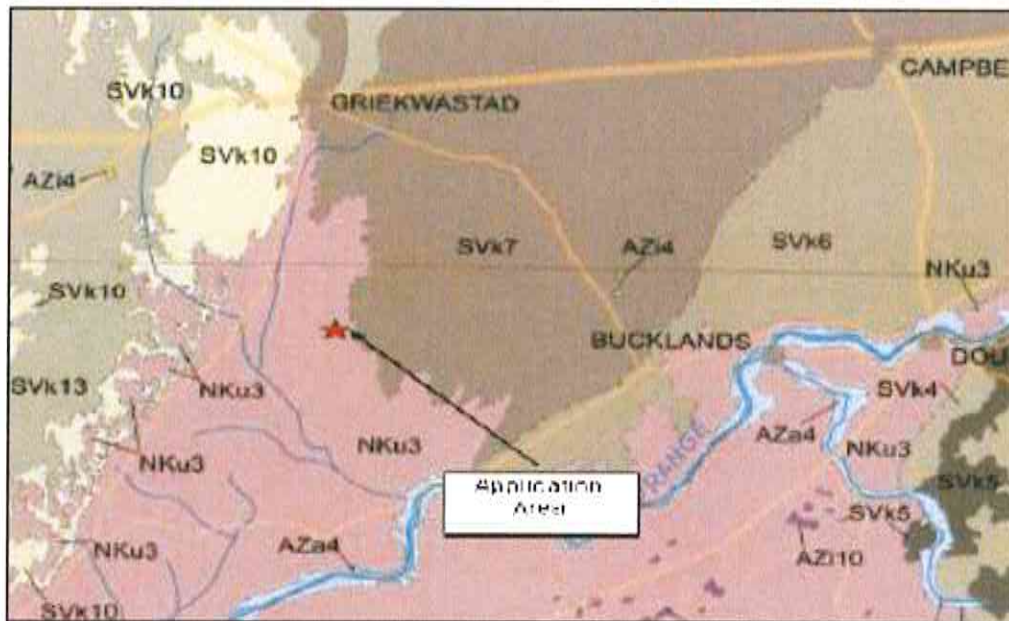
Vegetation type code: NKu 3

Source layer: National vegetation types from Vegetation map for South Africa, Lesotho and Swaziland (Mucina & Rutherford 2006)

Link: [Mucina & Rutherford \(2006\) page content for Northern Upper Karoo](#)

Vegetation [Flora] and Landscape Features: According to VEGMAP (2006) the area falls within the [NKu 3] Northern Upper Karoo. VT 35 False Arid Karoo (35%), VT 36 False Upper Karoo (27%) (Acocks 1953). LR 50 Upper Nama Karoo (44%), LR 52 Eastern Mixed Nama Karoo (24%) (Low & Rebelo 1996). Shrubland dominated by dwarf karoo shrubs, grasses and Acacia meffifera subsp. deti-nens and some other low trees (especially on sandy soils in the northern parts and vicinity of the Orange River).

The VEGMAP classification: [NKu 3] Northern Upper Karoo



Important Taxa - Small Trees: *Acacia mellifera* subsp. *detinens*, *Boscia albitrunca*. **Tall Shrubs:** *Lycium cinereum* (d), *L. horridum*, *L. oxycarpum*, *L. schizocalyx*, *Rhigozum trichotomum*. **Low Shrubs:** *Chrysocoma ciliata* (d), *Gnidia polycephala* (d), *Pentzia calcarea* (d), *P. globosa* (d), *P. incana* (d), *P. spinescens* (d), *Rosenia humilis* (d), *Amphiglossa triflora*, *Aptosimum marlothii*, *A. spinescens*, *Asparagus glaucus*, *Barleria rigida*, *Berkheya annectens*, *Eriocephalus ericoides* subsp. *ericoides*, *E. glandulosus*, *E. spinescens*, *Euryops asparagoides*, *Felicia muricata*, *Helichrysum lucilioides*, *Hemannia spinosa*, *Leucas capensis*, *Limeum aethiopicum*, *Melolobium candicans*, *Microloma armatum*, *Osteospermum leptolobum*, *O. spinescens*, *Pegoletia retrofracta*, *Pentzia lanata*, *Phyllanthus maderaspatensis*, *Plinthus karoocicus*, *Pteronia glauca*, *P. sordida*, *Sebago geniculata*, *S. saxatilis*, *Tetragonia arbuscula*, *Zygophyllum lichtensteinianum*. **Succulent Shrubs:** *Hertia pallens*, *Salsola calluna*, *S. glabrescens*, *S. rabieana*, *S. tuberculata*, *Zygophyllum flexuosum*. **Semi parasitic Shrub:** *Thesium hystrix* (d). **Herbs:** *Chamaesyce inaequilatera*, *Convolvulus sagittatus*, *Dicoma capensis*, *Gazania krebsiana*, *Hemannia comosa*, *Indigofera alternans*, *Lessertia pauciflora*, *Radyera urens*, *Sesamum capense*, *Sutera pinnatifida*, *Tribulus terrestris*, *Dahlia capensis*. **Succulent Herb:** *Psilocaulon coriarium*. **Geophytic Herb:** *Moraea pallida*.

Graminoids: *Aristida adscensionis* (d), *A. congesta* (d), *A. diffuse* (d), *Enneapogon desvauxii* (d), *Eragrostis lehmanniana* (d), *E. obtuse* (d), *E. truncata* (d), *Sporobolus fimbriatus* (d), *Stipagrostis obtusa* (d), *Eragrostis bicolor*, *E. porosa*, *Fingerhuthia africana*, *Heteropogon contortus*, *Stipagrostis ciliata*, *Themeda triandra*, *Tragus berteronianus*, *T. koelerioides*, *T. racemosus*. **Biogeographically Important Taxa Herb** (western distribution limit): *Convolvulus boedeckerianus*. **Tall Shrub** (southern limit of distribution): *Gymnosporia szyszyłowiczii* subsp. *namibiensis*. **Endemic Taxa Succulent Shrubs:** *Lithops hookeri*, *Stomatium pluridens*. **Low Shrubs:** *Atriplex spongiosa*, *Galenia exigua*. **Herb:** *Manulea deserticola*.

Conservation Least threatened. Target 21%. None conserved in statutory conservation areas. About 4% has been cleared for cultivation (the highest proportion of any type in the Nama-Karoo) or irreversibly transformed by building of dams (Houwater, Kalkfontein and Smart Syndicate Dams). Areas of human settlements are increasing in the northeastern part of this vegetation type (Hoffman et al. 1999). Erosion is moderate (46.2%), very low (32%) and low (20%). *Prosopis glandulosa*, regarded as one of the 12 agriculturally most important invasive alien plants in South Africa, is widely distributed in this vegetation type (Hoffman et al. 1999). *Prosopis* occurs in generally isolated patches, with densities ranging from very scattered to medium (associated with the lower Vaal River drainage system and the confluence with the Orange River) to localised closed woodland on the western border of the unit with Bushmanland Basin Shrubland. **Remark** This Karoo unit is found on floristic and

ecological gradients between the Nama-Karoo, arid Kalahari savanna and arid highveld grasslands. **References Acocks (1953, 1988), Werger (1980), Palmer (1990).**

Nama-Karoo Biome (Source: <http://pza.sanbi.org/vegetation/nama-karoo-biome>):

The Nama-Karoo Biome occurs on the central plateau of the western half of South Africa, at altitudes between 500 and 2000m, with most of the biome falling between 1000 and 1400m. It is the second-largest biome in the region.

The geology underlying the biome is varied, as the distribution of this biome is determined primarily by rainfall. The rain falls in summer, and varies between 100 and 520mm per year. This also determines the **predominant soil type - over 80% of the area is covered by a lime-rich, weakly developed soil over rock.** Although less than 5% of rain reaches the rivers, the high erodibility of soils poses a major problem where overgrazing occurs.

The dominant vegetation is a grassy, dwarf shrubland. Grasses tend to be more common in depressions and on sandy soils, and less abundant on clayey soils. Grazing rapidly increases the relative abundance of shrubs. Most of the grasses are of the C4 type and, like the shrubs, are deciduous in response to rainfall events.

The amount and nature of the fuel load is insufficient to carry fires and fires are rare within the biome. The large historical herds of Springbok and other game no longer exist. Like the many bird species in the area - mainly larks - the game was probably nomadic between patches of rainfall events within the biome. The Brown Locust and Karoo Caterpillar exhibit eruptions under similarly favourable, local rainfall events, and attract large numbers of bird and mammal predators.

Less than 1% of the biome is conserved in formal areas. The Prickly Pear *Opuntia aurantiaca* and Mesquite *Prosopis glandulosa* are the **major alien invader species.** Urbanization and agriculture are minimal, and irrigation is confined to the Orange River valley and some pans. **Most of the land is used for grazing, by sheep (for mutton, wool and pelts) and goats,** which can be commensurate with conservation. However, **under conditions of overgrazing, many indigenous species may proliferate,** including Threethorn: *Rhigozum trichotomum*, Bitterbos: *Chrysocoma ciliata* and Sweet Thorn: *Acacia karroo*, and many grasses and other palatable species may be lost. There are very few rare or Red Data Book plant species in the Nama Karoo Biome.

Tourism potential is low. Mining is important in the Biome.

Most of the research into the dynamics of the biome has been done in the east of the region, with the Grootfontein Agricultural Station at Middelburg featuring prominently. Consequently, little research in the west of the biome has been undertaken.

<http://pza.sanbi.org/vegetation/nama-karoo-biome>

WAAIHOEK LANDUSE

SAT 1

Legend

- Barrow pit
- Cement
- Dam (Grond dam)
- Degraded area
- Farm dwelling, store, etc.
- Kraal
- Mainly grassland (grazing)
- Mainly Shrubland with grasses (grazing)
- Mining activity (old)
- Stream Erosion (Donga's)

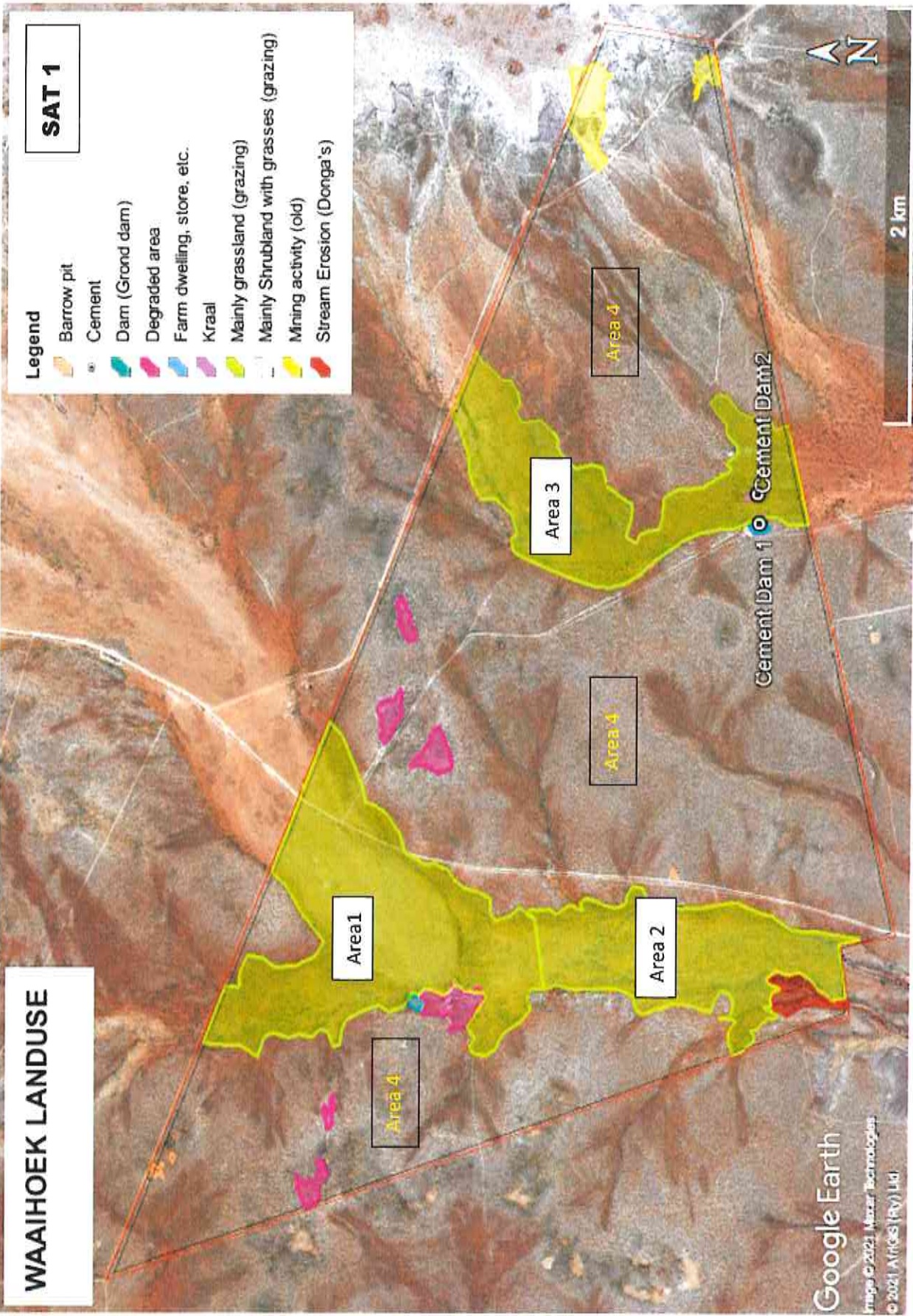


TABLE 2.1: SITE SENSITIVITY VERIFICATION

See Legend (Map) for location	LANDUSE	Surface area (ha)	STATUS	Comment	Environmental Sensitivity	Environmental impact
1	<p>Area disturbed by mining (old activities)</p> <p>See Sat image 1 and site inspection photos.</p>	<p>1,3 ha + 6,14ha = 7,77 ha</p>	<p>The surface area is (incl. soil cover) disturbed by mining activities such as , opencast voids, waste rock dumps, gravel access roads, etc. Vegetation cover totally disturbed by mining activities. Shallow soils and rock outcrops found in this area.</p>	<p>This is an old mining site (small surface area).</p>	Low	<p>Environmental impact by old mining activities are high for soil, vegetation , etc.</p>
2	<p>Area 1-3: Grassland area/ farm roads / grazing land</p> <p>According to the Comprehensive Atlas Ver. 2.1 of the NDA the grazing capacity for the area is 31-40ha/LSU.</p> <p>Land capability is described as Non-Arable.</p>	<p>113ha+ 63,5ha+ 75,7ha= 252,2 ha</p>	<p>See SAT image 1</p> <p>The majority of the area (soil covered area) is being utilized for grazing (natural).</p>	<p>Agriculture (grazing by goats, sheep) are mainly impacting on the vegetation cover.</p> <p>As part of phase 2 & 3 prospecting , all the topsoil (Glenrosa, Mispah forms) should be removed and stockpiled for future replacement during rehabilitation phase.</p> <p>This will allow the specific area to be returned to an agricultural area for future use with a grazing capability/potential in the future.</p>	Low	<p>Environmental impact by future prospecting activities are low for soil, vegetation , etc., but could be mitigated if all topsoil is stockpiled and eventually replaced in a orderly manner during rehabilitation phase.</p>

See Legend (Map) for location	LANDUSE	Surface area (ha)	STATUS	Comment	Environmental Sensitivity	Environmental impact
3	<p>Area 4: Shrubland with grasses area/ farm roads / grazing land</p> <p>According to the Comprehensive Atlas Ver. 2.1 of the NDA the grazing capacity for the area is 31-40ha/LSU.</p> <p>Land capability is described as Non-Arable.</p>	741,52 ha	<p>See Sat image 1</p> <p>The majority of the area (thin soil covered area (Glenrosa/Mispah form and dolerite rock outcrop areas) is being utilized for grazing (natural).</p>	<p>Agriculture (grazing by goats, sheep) are mainly impacting on the vegetation cover.</p> <p>As part of phase 2 & # prospecting starts, all the topsoil (Glenrosa/Mispah form) should be removed and stockpiled for future replacement during rehabilitation phase.</p> <p>This will allow the specific area to be returned to an agricultural area for future use with a grazing capability/potential in the future.</p>	Low	Environmental impact by future prospecting activities

LAND CAPABILITY



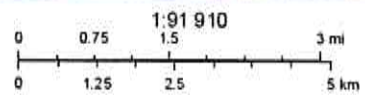
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General

- International Boundaries
- Provincial Boundaries
- Coastline

I; Very high potential arable land

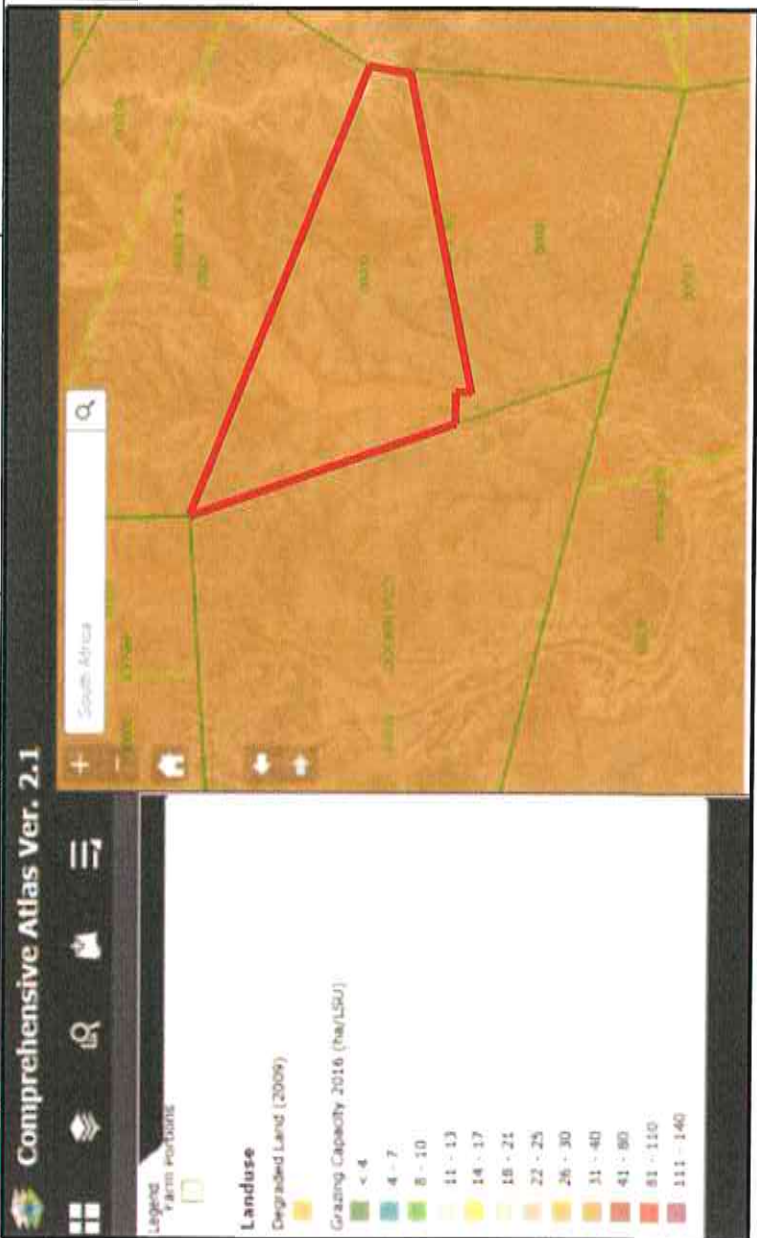
- II; High potential arable land
- III; Moderate potential arable land
- IV; Marginal potential arable land
- V, VI, VII, VIII; Non-arable
- Water



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

4	<p>Degraded area/ area heavily impacted by grazing and trampling of goats/sheep, etc.</p> <p>According to the Comprehensive Atlas Ver 2.1 of the NDA the entire application area should be regarded as degraded land.</p>	For location see Sat Image 1.	Low	Environmental impact by future prospecting activities
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Source:
[www.daffarcgis.nda.agric.za/Comp_Atlas_v2/ 1/1](http://www.daffarcgis.nda.agric.za/Comp_Atlas_v2/1/1)



5	Farm houses/ stores, etc.	0,41 ha	Operational Sites not to be disturbed by prospecting activities.	In terms of the Mine Health and Safety Act , 1996, no mining activities will be allowed 100 m from these farm structures. In some cases these structures are utilized as offices for the mine.	Not applicable.	
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PROPOSED PROSPECTING ACTIVITIES:

It is also important to take note of what the PROSPECTING ACTIVITIES will consist of and also what the actual surface area would be disturbed in an already "degraded land".

See table 2.2 for description of different phases of prospecting:

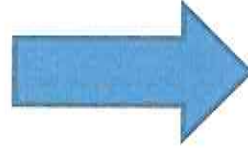









TABLE 2.2: PROPOSED PROSPECTING ACTIVITIES		Surface area total disturbance/comment
PHASE	LANDUSE : PROSPECTING= (Surface area (ha) to be disturbed by different phases of the prospecting project)	Temporary partial change in land use
	The prospecting area was identified through aerial photographs. The extent of the prospecting area will be 1101 hectares. Information from Geological surveys will be used in order to determine where the test pits will take place. This will in turn help to determine the boundaries of the proposed prospecting area for more detailed surveying.	Although the prospecting area is 1101 ha in total the whole surface will not be disturbed by pits and trenches.
1	Geological desktop studies and surveys in order to try and identify the gravel run. Various geological maps and instruments will be used to identify if alluvial gravel deposits and or kimberlite pipes might be present on the application area. 12 Months needed for phase 1.	
2	Phase 2 test pits will be made (2 m x 2 m x ± 5m deep), on a grid of 100 x 100meters and where necessary on a 50 x 50 meters grid where the gravel outcrops. . 12 Months are needed for Phase 2.	Surface area of 1 test pit = 4m ²
3	In order to determine if the gravel does have diamonds the gravel needs to be taken out and tested, by putting it through the washing process. Trenching will be used to open the gravel in order to get a representative sample for testing. The trenches will be 10 x 60 x ± 5 m (deep). In one trench ± 3000m ³ (4800 ton) gravel will be exposed and tested with a 16 feet washing pan at a rate of 15m ³ (24 ton) an hour. The total prospecting area is 1011hectares, thus it is anticipated that a total of 30 000m ³ (48 000ton) will be tested by making 10 trenches (0.6 ha) on different locations over the whole prospecting area, where the possibility of diamond bearing gravel were identified with the test pits. Taken at an 8 hour working day, 5 days a week and 20 days a month, the applicant will be able to process 2400m ³ a month. The processing of 30 000m ³ will take about 22 months for Phase 3 including the rehabilitation.	Surface area of 1 trench = 0,06 ha= 600m ² Total surface area to be disturbed is only: 0,06 ha x 10= 0,6 ha. This is only 0,05 % of the total application area surface of 1101 ha.

.1(b) a preliminary on -site inspection (Photo's); and

Photos of the area		
1.1		Area 4: Shrubland with grasses area/ farm roads / grazing land * See <i>Acacia Mellifera</i> (Swarthaak) dominant
1.2		Area 4: Shrubland with grasses area/ farm roads / grazing land

1.3.1		Area 1-3: Grassland area/ farm roads / grazing land
1.3.2		Area 1-3: Grassland area/ farm roads / grazing land
1.4.1		Area disturbed by mining (old activities)

<p>1.4.2</p>		<p>Road towards existing old Opencast mine.</p> <p>Natural revegetation taking place.</p>
<p>1.5</p>		<p>Farm dwelling, store, dam etc.</p>

2.1(c) any other available and relevant information.

None.

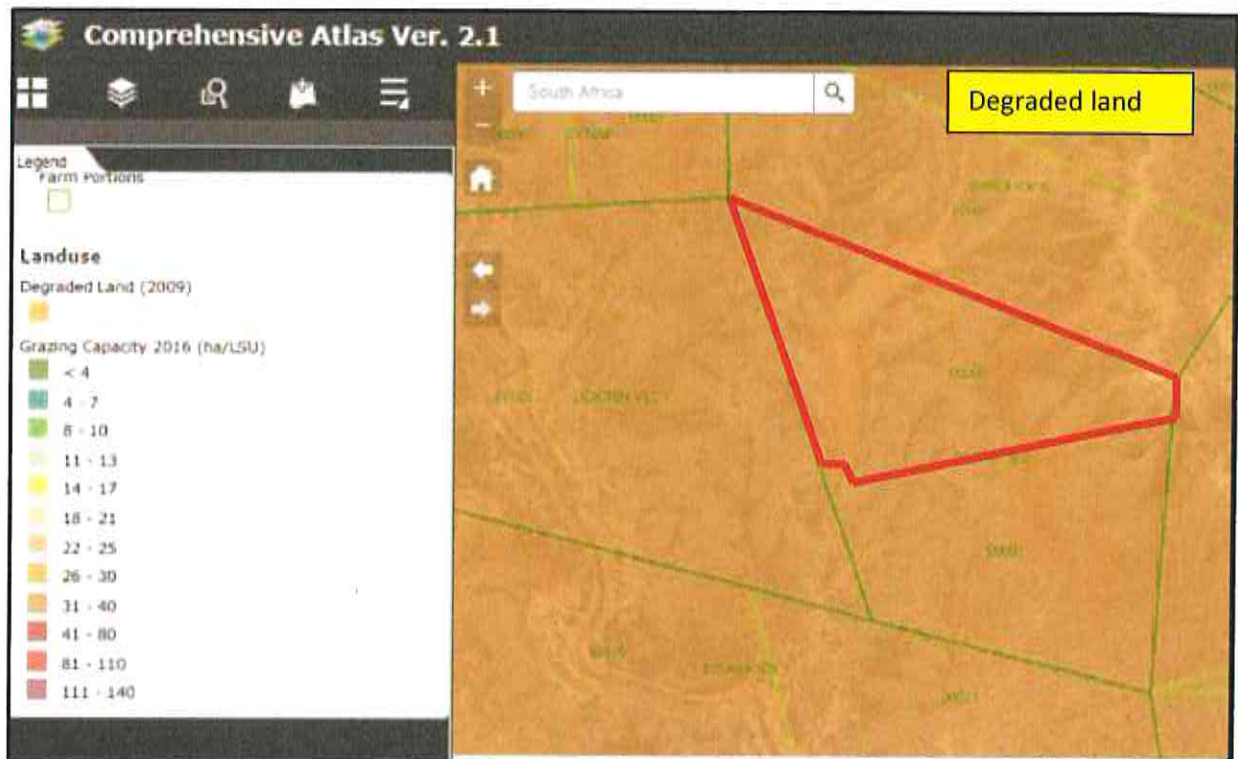
2.2. The outcome of the site sensitivity verification must be recorded in the form of a report that-

(a) confirms or disputes the current use of the land and the environmental sensitivity as identified by the screening tool, such as new developments or infrastructure, the change in vegetation cover or status:

According to the above-mentioned table 2.1 (read with the SAT 1 IMAGE (MAP)) :

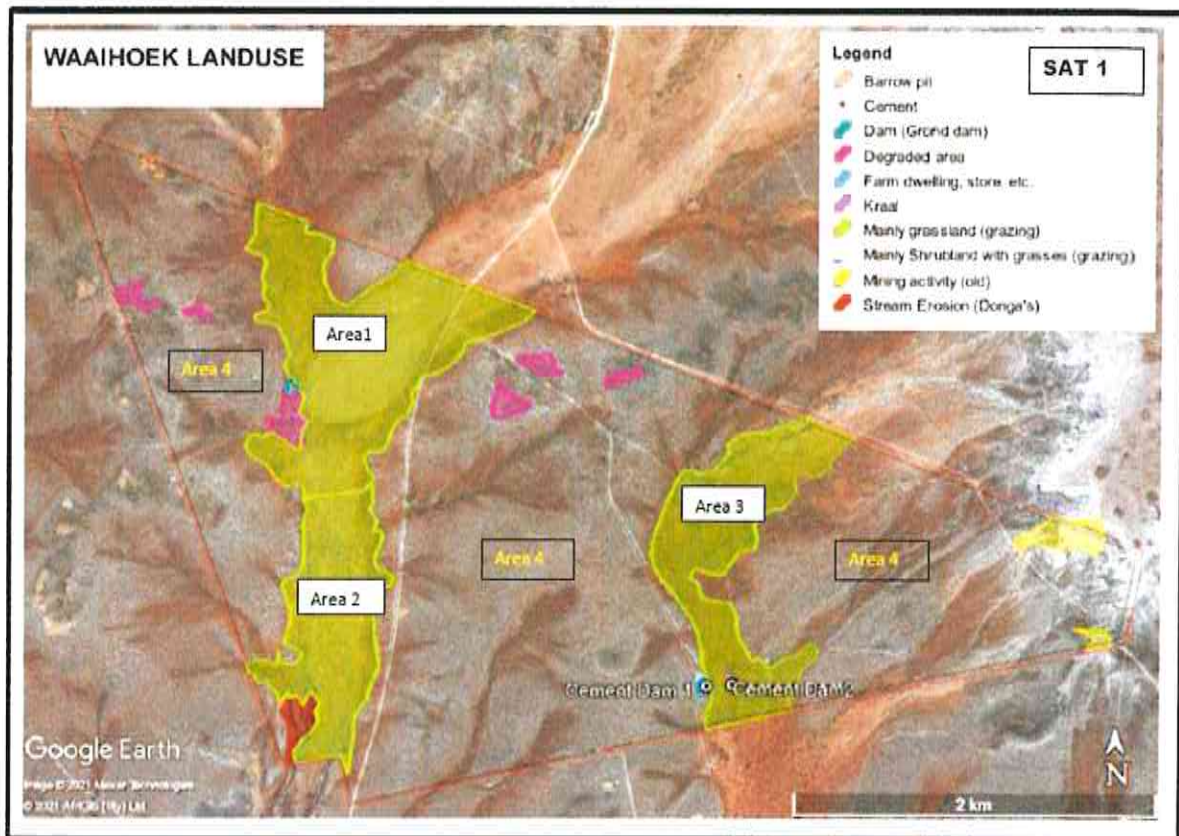
* the current land use of the land should also be adjusted to **reflect MINING ACTIVITIES (old)** on a disturbed area of 7,44 ha ;

The entire surface area is being regarded as “Degraded land” as being identified during 2009 (Source : www.daffarcgis.nda.agric.za/Comp_Atlas_v2/1/1)



* the rest of the application area covers an **surface area (area 1-4)** that is used for **AGRICULTURAL ACTIVITIES** (grazing for sheep goats, etc.).

The majority of the application area (thin soil layer covered area, non-arable) is being utilized for grazing (natural shrubs and grasses) for goats and sheep. The impact of overgrazing and trampling and subsequent erosion area evident in certain parts of the farm. The entire farm is being utilized for agricultural activities (grazing for goats and sheep) and therefore the natural vegetation cover is being impacted by farming activities and evidence indicate a small area has been impacted on by old mining activities. This is not a pristine environment anymore. This is a brownfields site.



Area 1-3: Grassland area/ farm roads / grazing land :

According to the Comprehensive Atlas Ver. 2.1 of the NDA the **grazing capacity** for the area is 31-40ha/LSU. **Land capability** is described as "Non-Arable".

Area 4: Shrubland with grasses area/ farm roads / grazing land

According to the Comprehensive Atlas Ver. 2.1 of the NDA the **grazing capacity** for the area is 31-40ha/LSU. **Land capability** is described as "Non-Arable".

Total surface area to be disturbed is only: $0,06 \text{ ha} \times 10 = 0,6 \text{ ha}$. This is only 0,05 % of the total application area surface of 1101 ha. This means an disturbance that is actually very small in comparison with the rest of the application area of 1101 ha that could continue with agricultural activities at the same time as prospecting activity. The disturbance of soil and vegetation cover in comparison with the different land uses is neglectable. The description of the NDA for this area is " Degraded Land".

Less than 1% of the biome is conserved in formal areas. The Prickly Pear *Opuntia aurantiaca* and Mesquite *Prosopis glandulosa* are the major **alien invader species**. Urbanization and agriculture are minimal, and irrigation is confined to the Orange River valley and some pans. **Most of the land is used for grazing, by sheep (for mutton, wool and pelts) and goats**, which can be commensurate with conservation. **However, under conditions of overgrazing, many indigenous species may proliferate**, including Threethorn: *Rhigozum trichotomum*, Bitterbos: *Chrysocoma ciliata* and Sweet Thorn: *Acacia karroo*, and many grasses and other palatable species may be lost. There are very few rare or Red Data Book plant species in the Nama Karoo Biome. Source: <http://pza.sanbi.org/vegetation/nama-karoo-biome>

(b) contains a motivation and evidence (e.g. photographs) of either the verified or different use of the land and environmental sensitivity; and

See 1(b) a preliminary on -site inspection Photo's and above-mentioned table (read with the SAT 1 IMAGE (MAP))

(c) is submitted together with the relevant assessment report prepared in accordance with the requirements of the Environmental Impact Assessment Regulations (EIA Regulations).

Not applicable, only an Terrestrial Biodiversity Compliance Statement should be submitted.

3. SPECIALIST ASSESSMENT

3.1. General information

1.1. An applicant intending to undertake an activity identified in the scope of this protocol, on a site identified on the screening tool as being of "very high sensitivity" for terrestrial biodiversity, must submit a Terrestrial Biodiversity Specialist Assessment.

Not applicable, only an Terrestrial Biodiversity Compliance Statement should be submitted, as the environmental sensitivity should not be VERY HIGH, but instead an LOW sensitivity.

1.2. An applicant intending to undertake an activity identified in the scope of this protocol on a site identified by the screening tool as being low sensitivity" for terrestrial biodiversity, must submit a Terrestrial Biodiversity Compliance Statement.

*** YES the information gathered from the sensitivity verification differs.**

1.3 However, where the information gathered from the site sensitivity verification differs from the designation of "very high" terrestrial biodiversity sensitivity on the screening tool and it is found to be of a "low" sensitivity, then a Terrestrial Biodiversity Compliance Statement must be submitted.

*** YES the information gathered from the sensitivity verification differs.
SEE SECTION 4 for Agricultural Compliance Statement.**

1.4. Similarly, where the information gathered from the site sensitivity verification differs from that identified as having a "low" terrestrial biodiversity sensitivity on the screening tool, a Terrestrial Biodiversity Specialist Assessment must be conducted.

*** Not applicable, only an Terrestrial Biodiversity Compliance Statement should be submitted.**

1.5. If any part of the proposed development footprint falls within an area of "very high" sensitivity, the assessment and reporting requirements prescribed for the "very high" sensitivity apply to the entire footprint, excluding linear activities for which impacts on terrestrial biodiversity are temporary and the and in the opinion of the terrestrial biodiversity specialist, based on the mitigation and remedial measures, can be returned to the current state within two years of the completion of the construction phase, in which case a compliance statement applies. **Development footprint in the context of this protocol means the area on which the proposed development will take place and includes any area that will be disturbed.**

*** Not applicable, only an Terrestrial Biodiversity Compliance Statement should be submitted.**

3.2. & 3.3 Terrestrial Biodiversity Specialist Assessment

An applicant intending to undertake an activity identified in the scope of this protocol on a site identified by the screening tool as being of "low" sensitivity for Terrestrial Biodiversity, must submit an Terrestrial Biodiversity Compliance Statement (Section 4)

4. Terrestrial Biodiversity Compliance Statement

4.1. The compliance statement must be prepared by a specialist registered with the SACNASP and having expertise in the field of **natural sciences**.

Mr. F.J.Erasmus have more than 34 years of environmental related work experience (environmental management, rehabilitation, compilation of EIA/EMP's, EMPPA audits, rehabilitation cost estimates, rehabilitation strategies, rehabilitation guidance, environmental audits, GN704 audits, regular inspections, etc. for the mining industry (construction to operational and closure phases), etc. Previously I had worked for the DMR (Directorate Mine Rehabilitation (HQ) & NW Regional office), an gold mining company & NWU (P.U. for C.H.E., Dept of Soil Science).

Qualifications:

Frik Erasmus (F.J.)
Environmental Consultant/Environmental Control Officer

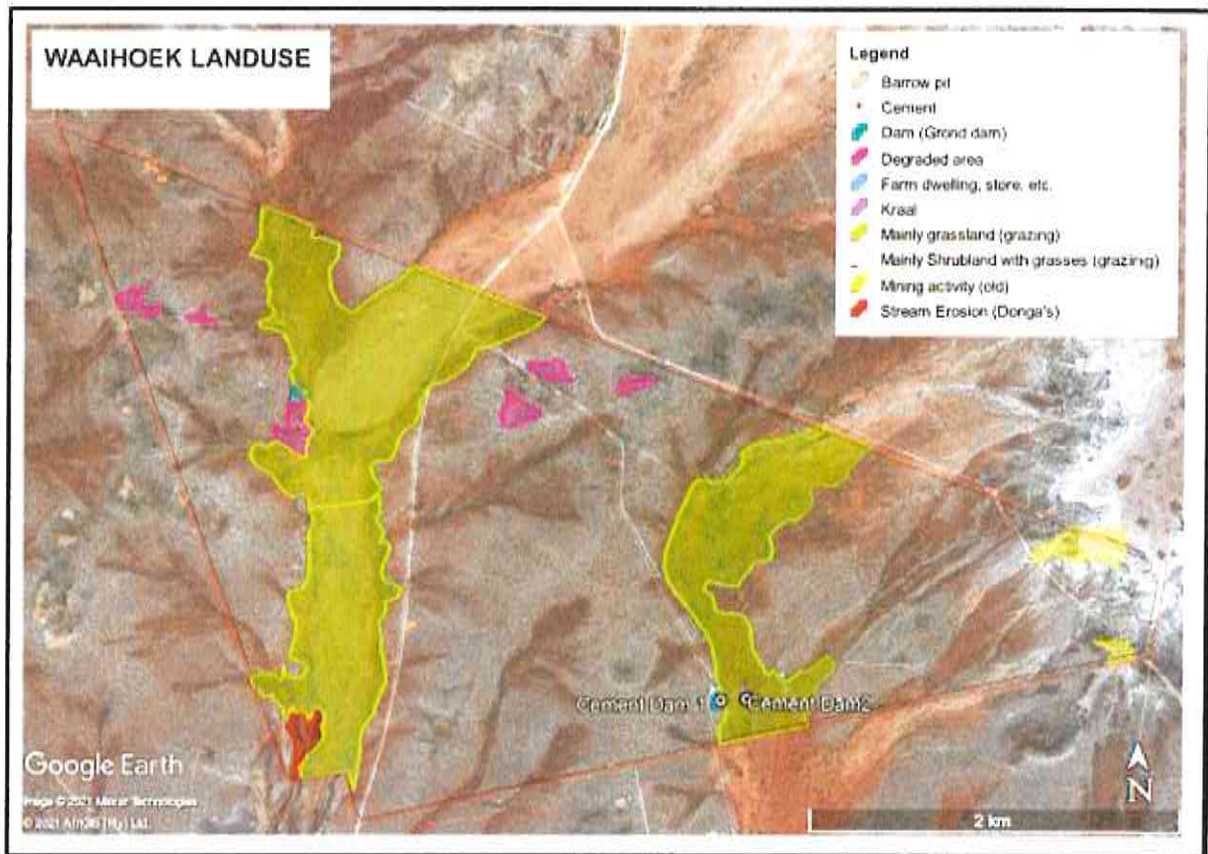
M.Sc. (Physical Geography); M.Sc (Environmental Management & Analyses)

Prof. Natural Scientist (Reg. No. 400120/05) SACNASP
Member of the IAIASA

SEE C.V. IN APPENDIX A

4.2. The compliance statement must:

4.2.1. be applicable to the **preferred site and proposed development footprint**;



Note: See red boundary demarcated for the application area/footprint.

4.2.2. confirm that the site is of "low" sensitivity for terrestrial biodiversity; and

YES, See 1(b) a preliminary on -site inspection Photo's and above-mentioned table (read with the SAT 1 (LAND USE MAP))

*** Area disturbed by mining (old activities) (See Sat image 1 and site inspection photos).**

The surface area is (incl. soil cover) disturbed by mining activities such as, opencast voids, waste rock dumps, gravel access roads, etc. Vegetation cover totally disturbed by mining activities. Shallow soils and rock outcrops found in this area.

*** Area 1-3: Grassland area/ farm roads / grazing land**

According to the Comprehensive Atlas Ver. 2.1 of the NDA the grazing capacity for the area is 31-40 ha/LSU. See SAT image 1. The majority of the area (soil covered area) is being **utilized for grazing** (natural). Land capability is described as Non-Arable.

*** Area 4: Shrubland with grasses area/ farm roads / grazing land**

According to the Comprehensive Atlas Ver. 2.1 of the NDA the grazing capacity for the area is 31-40ha/LSU. See SAT image 1. The majority of the area (soil covered area) is being **utilized for grazing** (natural). Land capability is described as Non-Arable.

* Agriculture (grazing by goats, sheep) are mainly impacting on the vegetation cover.

* The majority of the application area (thin soil layer covered area , non-arable) is being utilized for grazing (natural shrubs and grasses) for goats and sheep. The impact of overgrazing and trampling and subsequent erosion area evident in certain parts of the farm. The entire farm is being utilized for agricultural activities (grazing for goats and sheep) and therefore the natural vegetation cover is being impacted by farming activities and evidence indicate a small area has been impacted on by old mining activities. This is not a pristine environment anymore. This is a brownfields site.

* As part of phase 2 prospecting starts , all the topsoil (Glenrosa/Mispah form) should be removed and stockpiled for future replacement during rehabilitation phase. This will allow the specific area to be returned to an agricultural area for future use with a grazing capability/potential in the future.

4.2.3. indicate whether or not the proposed development will have any impact on the biodiversity feature.

Environmental impact by future mining activities are low for soil, vegetation , etc., but could be mitigated if all topsoil are being stockpiled and eventually replaced in an orderly manner during rehabilitation phase.

Agriculture (grazing by goats, sheep) are mainly impacting on the vegetation cover. Currently the area in general is being described as “Degraded land” by the NDA.

As part of phase 2 & 3 prospecting, all the topsoil (Glenrosa/Mispah form) should be removed and stockpiled for future replacement during rehabilitation phase. This will allow the specific area to be returned to an agricultural area for future use with a grazing capability/potential in the future. Replacement of a layer of topsoil would allow the revegetation (active seeding with an indigenous seed-mixture) of the site during the rehabilitation phase.

Prospecting will be a temporary partial change in land use and although the prospecting area is 1101 ha in total the whole surface will not be disturbed by pits and trenches, but will have the following surface areas disturbed:

Surface area of 1 test pit = 4m ²
Surface area of 1 trench = 0,06 ha= 600m ² Total surface area to be disturbed is only: 0,06 ha x 10= 0,6 ha. This is only 0,05 % of the total application area surface of 1101 ha.

Agriculture (grazing by goats, sheep) is mainly impacting on the vegetation cover.

The majority of the application area (thin soil layer covered area , non-arable) is being utilized for grazing (natural shrubs and grasses) for goats and sheep. The impact of overgrazing and trampling and subsequent erosion area evident in certain parts of the farm. The entire farm is being utilized for agricultural activities (grazing for goats

and sheep) and therefore the natural vegetation cover is being impacted by farming activities and evidence indicate a small area has been impacted on by old mining activities. This is not a pristine environment anymore. This is a brownfields site (degraded land).

4.3. The compliance statement must contain, as a minimum, the following information:

4.3.1 the contact details of the specialist, their SACNASP registration number, their field of expertise and a curriculum vitae;

SEE APPENDIX A

4.3.2 a signed statement of independence by the specialist;

SEE APPENDIX A

4.3.3 a statement on the duration, date and season of the site inspection and the relevance of the season to the outcome of the assessment;

An once-off inspection (summer) for photo's and using Sattelite imagery for environmental sensitivity verification and also existing GIS MAP/imagery sources from SANBI , AgricGIS form the NDA.

4.3.4 a baseline profile description of biodiversity and ecosystems of the site;

Description:

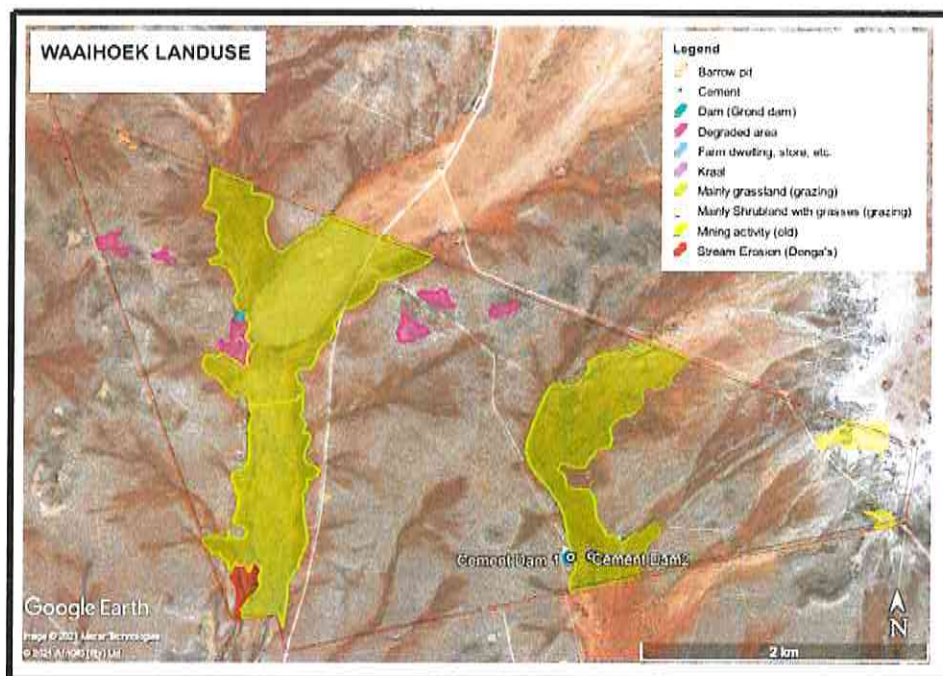
Vegetation type: Northern Upper Karoo

Vegetation type code: NKu 3

Source layer: National vegetation types from Vegetation map for South Africa, Lesotho and Swaziland (Mucina & Rutherford 2006)

Link: [Mucina & Rutherford \(2006\) page content for Northern Upper Karoo](#)

Vegetation [Flora] and Landscape Features: According to VEGMAP (2006) the area falls within the [NKu 3] Northern Upper Karoo. VT 35 False Arid Karoo (35%), VT 36 False Upper Karoo (27%) (Acocks 1953). LR 50 Upper Nama Karoo (44%), LR 52 Eastern Mixed Nama Karoo (24%) (Low & Rebelo 1996). Shrubland dominated by dwarf karoo shrubs, grasses and Acacia meffifera subsp. deti-nens and some other low trees (especially on sandy soils in the northern parts and vicinity of the Orange River).



4.3.5 the methodology used to verify the sensitivities of the terrestrial biodiversity features on the site, including equipment and modelling used, where relevant;

An once-off inspection (summer) for photo's and using Satellite imagery for environmental sensitivity verification and also existing GIS MAP/imagery sources from SANBI , AgricGIS form the NDA.

4.3.6 **in the case of a linear activity**, confirmation from the terrestrial biodiversity specialist that, in their opinion, based on the mitigation and remedial measures proposed, the land can be returned to the current state within two years of completion of the construction phase;

*** Not applicable for Prospecting (Phase 2 pits and Phase 3 trenches).**

4.3.7. where required, **proposed impact management outcomes or any monitoring requirements** for inclusion in the EMP; and

Environmental impact by future prospecting activities are low for soil, vegetation , etc., but could be mitigated if all topsoil are being stockpiled and eventually replaced in an orderly manner during rehabilitation phase.

Prospecting sites need to be fenced-off to prevent farm animals falling into pits or trenches.

As part of phase 2 & 3 prospecting, all the topsoil (Glenrosa/Mispah form) should be removed and stockpiled for future replacement during rehabilitation phase. This will allow the specific area to be returned to an agricultural area for future use with a grazing capability/potential in the future. Replacement of a layer of topsoil would allow the revegetation (active seeding with an indigenous seed-mixture) of the site during the rehabilitation phase.

Agriculture (grazing by goats, sheep) can continue on the rest of the application area.

4.3.8. a description of the assumptions made as well as any **uncertainties or gaps in knowledge or data.**

None.

4.3.9. any conditions to which this statement is subjected.

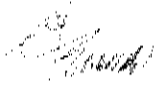
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4.4. **A signed copy of the compliance statement must be appended to the Basic Assessment Report or Environmental Impact Assessment Report.**

	Date: 4th of March 2021
Compiled by : F.J.Erasmus Celtis Environmental Solutions Environmental Management Consultant/Environmental Control Officer M.Sc.(Physical Geography); M.Sc (Environmental Management & Analyses) Prof. Natural Scientist (Reg. No. 400120/05) SACNASP Member of the IAIASA	

Phase 1 Heritage Impact Assessment for proposed
prospecting right over the Remaining Extent of Farm
Waihoek 392 near Douglas, Hay District, Northern Cape
Province.

Report prepared by
Palaeo Field Services
PO Box 38806
Langenhovenpark
9330

March 2021

Summary

A Phase 1 Heritage Impact Assessment was carried out for a proposed prospecting right application by Electri City Mining (Pty) Ltd, over the Remaining Extent of the farm Waaihoek 392, near Douglas in the Northern Cape Province. The study area is located within a historically as well as prehistorically significant landscape. The field assessment indicates that the proposed prospecting application will primarily affect localities, which is underlain by wind-blown sand and gravel deposits, calcretes and Dwyka Group tillites. As far as the palaeontological heritage is concerned, the proposed development may proceed with pinpoint prospecting activities. If, in the *unlikely* event of localized fossil discoveries within the sandy and calcrete overburden during the operational phase of the project, it is recommended that a professional palaeontologist is called in to record and rescue the fossils where necessary. The terrain is not considered archaeologically vulnerable where localized prospecting is concerned. The project can proceed, provided that planned activities are restricted to prospecting and not mining.

Contents

Summary	2
Introduction	4
Locality Data	4
Background	5
Field Assessment	6
Impact Statement and Recommendation	7
References	7
Tables & Figures	10

Introduction

A Phase 1 Heritage Impact Assessment was carried out for a proposed prospecting right application by Electri City Mining (Pty) Ltd, over the Remaining Extent of the farm Waaiboek 392, near Douglas in the Northern Cape Province (**Fig. 1**). The extent of the proposed development (over 5000 m²) falls within the requirements for a Heritage Impact Assessment (HIA) as required by Section 38 (Heritage Resources Management) of the South African National Heritage Resources Act (Act No. 25 of 1999). The site visit and subsequent assessment took place in November 2013. The task involved identification of possible archaeological and paleontological sites or occurrences in the proposed zone, an assessment of their significance, possible impact by the proposed development and recommendations for mitigation where relevant.

Methodology

The heritage significance of the affected area was based on existing field data, database information, published literature and maps. This was followed up with a field assessment by means of a pedestrian survey within the footprint. A Garmin Etrex Vista GPS hand model (set to the WGS 84 map datum) and a digital camera were used for recording purposes.

The significance classification standards prescribed by SAHRA (2005) were used to indicate overall significance and mitigation procedures where relevant (**Table 1**).

Locality Data

Maps: 1:50 000 topographical map 2923 AB Witberg

1:250 geological map 2922 Prieska

General Site Coordinates (see **Fig. 2**):

A) 29° 5'33.35"S 23°15'46.13"E

B) 29° 6'42.44"S 23°19'6.71"E

C) 29° 7'10.71"S 23°19'5.82"E

D) 29° 7'29.28"S 23°16'46.90"E

E) 29° 7'28.86"S 23°16'32.04"E

The study area is located on slightly undulating to low topography, and relatively undisturbed terrain, covered by dense vegetation, especially near stream channels and hillslopes (**Fig. 3**).

Introduction

A Phase I Heritage Impact Assessment was carried out for a proposed prospecting right application by Electri City Mining (Pty) Ltd, over the Remaining Extent of the farm Waaihoek 392, near Douglas in the Northern Cape Province (Fig. 1). The extent of the proposed development (over 5000 m²) falls within the requirements for a Heritage Impact Assessment (HIA) as required by Section 38 (Heritage Resources Management) of the South African National Heritage Resources Act (Act No. 25 of 1999). The site visit and subsequent assessment took place in November 2013. The task involved identification of possible archaeological and palaeontological sites or occurrences in the proposed zone, an assessment of their significance, possible impact by the proposed development and recommendations for mitigation where relevant.

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The study area is located on slightly undulating to low topography and relatively undisturbed terrain, covered by dense vegetation, especially near stream channels and hillslopes (Fig. 3).

Background

Palaeontology

The geology of the study area is shown on the 1: 250 000 geology map 2922 Prieska (**Fig. 4**). Oldest rocks in the region are represented by Precambrian, Ventersdorp Supergroup lavas, composed of resistant-weathering, dark green lavas and associated pyroclastic rocks. The Ventersdorp lavas are unconformably overlain by Carboniferous Dwyka Group tillites of the Mbizane Formation, (*C-Pd*, **Fig. 4**) which represents valley and inlet fill deposits left behind on Ventersdorp basement rocks by retreating glaciers about 300 million years ago (Visser *et al.* 1977-78, 1990; Johnson *et al.* 2006). While the lavas are not palaeontologically sensitive, glacial pavements that record the movement of the Dwyka ice sheets across the Ventersdorp basement rocks needs to be preserved as geological sites. Weathered Dwyka sediments contain bluish-grey unbedded tillite with sparse to concentrated boulder-sized and smaller erratics which are occasionally capped by well-developed and crudely bedded calcrete hardpan. Locally laminated lenses of bedded tillites are ascribed to glaciolacustrine and fluvio-glacial origin (Visser *et al.* 1977 – 78). The glacial tillites of the Dwyka Group are not considered to be palaeontologically sensitive (**Fig. 5**). The Precambrian basement lavas and overlying Karoo Supergroup rocks are mantled by polymict surface gravels made up of Plio-Pleistocene or older terrace gravels, calcretized terraces (*T-Qc*), red brown aeolian sands (*Qs*) and alluvium. A variety of fossil fauna have been retrieved from alluvial gravel terraces along the lower Vaal River basin between Kimberley and Bloemhof (Cooke 1949; Maglio and Cooke 1978; Partridge and Maud 2000). Here, gravel terraces between 21m and 30m above present river level, contain frequent sandy lenses and have yielded a range of vertebrate fauna. Geologically recent to modern alluvial sediments along the banks of the Orange River are made up well-developed sandy deposits with gravel to boulder size lenses (cf. reworked Dwyka Group and Allanridge Formation) of varying thicknesses. It is noted that while the overall palaeontological sensitivity of the Quaternary aeolian sand cover component is considered to be low, Quaternary overbank deposits along major river courses in the central interior can be highly fossiliferous in places (Broom 1909 a, b; Cooke 1955; Maglio and Cooke 1978; Churchill *et al.* 2000; Rossouw 2006).

Archaeology

The Stone Age archaeological footprint in the region is represented by Early, Middle and Later Stone Age sites associated with pans and alluvial contexts, while away from rivers, the landscape in general is characterized by low density surface scatters (Beaumont 1995; Kiberd 2006). The base and lower levels of Kalahari Group sands which cover vast areas in the region, have produced localized densities of Middle Stone Age artefacts, especially around the lower Vaal basin (Beaumont and Morris 1990). The incidence of Early as well as Later Stone Age surface scatters are also common along the lower Vaal and middle Orange River basins, which highlights the antiquity and continuity of human occupation on the landscape (**Fig. 6**). Rock engravings in the region are consistently found on Ventersdorp andesites. Engraving sites are known from Wonderdraai and Omdraaisvlei near Prieska and De Kalk, Kentani, Mazelsdontein and Readsdrift near Douglas as well as Driekopseiland on the Riet River near Plooyburg. Engraving sites have also been recorded on a number of farms in the Hopetown district, including Beeshoek, Brandfontein Disselfontein, Doornbult Karee Kloof Lemietskop and Rooikop. Multiple rock engraving sites are found on the dolerite hills flanking the Riet River west of Plooyburg. Archaeological records and historical eyewitness accounts show evidence of Bushman hunter-gatherer and Khoi herder occupation in the region prior to European settlement (Sampson 1972; Elphick 1977) while early travelers frequently encountered Koranna, Griqua and Bushmen groups in the region (Burchell 1824; Skead 2009) (**Fig. 7**). Iron Age occupation is absent from the region as the most southerly distribution of Iron Age settlement in the northern Cape was limited to north of the Orange River by the end of 18th century (Maggs 1974; Humphreys 1976). The Orange River area between Douglas and Hopetown also lies within the confines of the historical Albania Settlement of Griqualand West that lasted from 1866 to its demise in 1878 (Kurtz 1988) (**Fig. 8**). Further away, stone pipes and LSA artefacts have been recorded on the farm Doornkuil near Britstown, while graves and clay pottery have been recorded along the Orange River at St. Clair in the vicinity of Douglas (Humphreys 1982).

Field Assessment

The terrain as a whole is capped by an aeolian sand and sorted gravel matrix (the latter derived from older bedrock), and localized calcretes that are underlain by Dwyka Group tillites of the Mbizane Formation and primarily exposed along stream channels (**Fig. 9**). Although sparse fossil remains have been recorded in the Mbizane Formation,

the glacial tillites are not considered to be fossiliferous. Acolian Kalahari sands and calcretes / surface limestones (surface deposits) can be locally fossiliferous, especially those that are directly related to fluvial environments along major river courses, spring areas or pans. No fossil remains or localities were observed within the surface deposits during the survey. Except for a small cemetery and existing modern farm structures, there are no indications of *in situ* Stone Age sites, prehistoric structures or rock engravings exposed within exposed channel deposits or low relief terrain (**Fig. 10**). There is also no above ground evidence of historically significant structures older than 60 years within the confines of the footprint.

Impact Statement and Recommendation

The study area is located within a historically as well as prehistorically significant landscape. However, the field assessment indicates that the proposed prospecting application will primarily affect small, localized sites, underlain by wind-blown sand and gravel deposits, calcretes and Dwyka Group tillites. As far as the palaeontological heritage is concerned, the proposed development may proceed with pinpoint prospecting activities. If, in the *unlikely* event that localized fossil material is discovered within the sandy overburden during the operational phase of the project, it is recommended that a professional palaeontologist be called to record and rescue the fossils where necessary. The terrain is not considered archaeologically vulnerable and is assigned a site rating of Generally Protected C (**Table 1**), where localized prospecting is concerned. The project can proceed provided that planned activities are restricted to prospecting and not mining.

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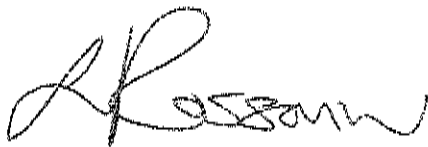
Skead, C.J. 2009. Historical plant incidence in southern Africa. A collection of early travel records in southern Africa. *Strelitzia* 24, 394 pp. Pretoria. SANBI.

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DECLARATION OF INDEPENDENCE

I, Lloyd Rossouw, declare that I act as an independent specialist consultant. I do not have or will not have any financial interest in the undertaking of the activity other than remuneration for work as stipulated in the terms of reference. I have no interest in secondary or downstream developments as a result of the authorization of this project.



17 / 03 / 2021

Tables & Figures

Table 1. Field rating categories as prescribed by SAHRA.

Field Rating	Grade	Significance	Mitigation
National Significance (NS)	Grade 1	-	Conservation; national site nomination
Provincial Significance (PS)	Grade 2	-	Conservation; provincial site nomination
Local Significance (LS)	Grade 3A	High significance	Conservation; mitigation not advised
Local Significance (LS)	Grade 3B	High significance	Mitigation (part of site should be retained)
Generally Protected A (GP.A)	-	High/medium significance	Mitigation before destruction
Generally Protected B (GP.B)	-	Medium significance	Recording before destruction
Generally Protected C (GP.C)	-	Low significance	Destruction

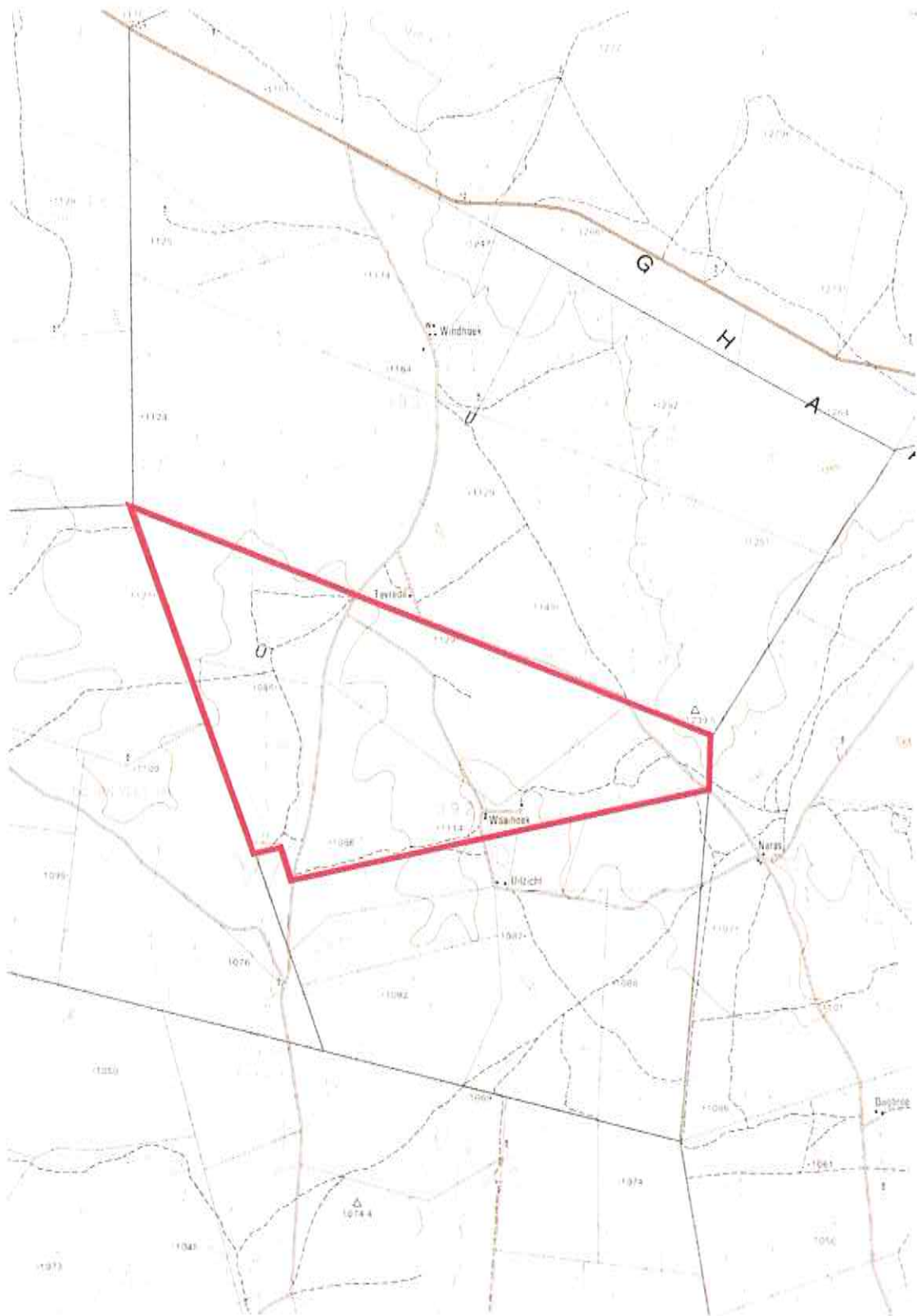


Figure 1. Location of the study area (portion of 1:50 000 scale topographic map 2923 AB Witberg).

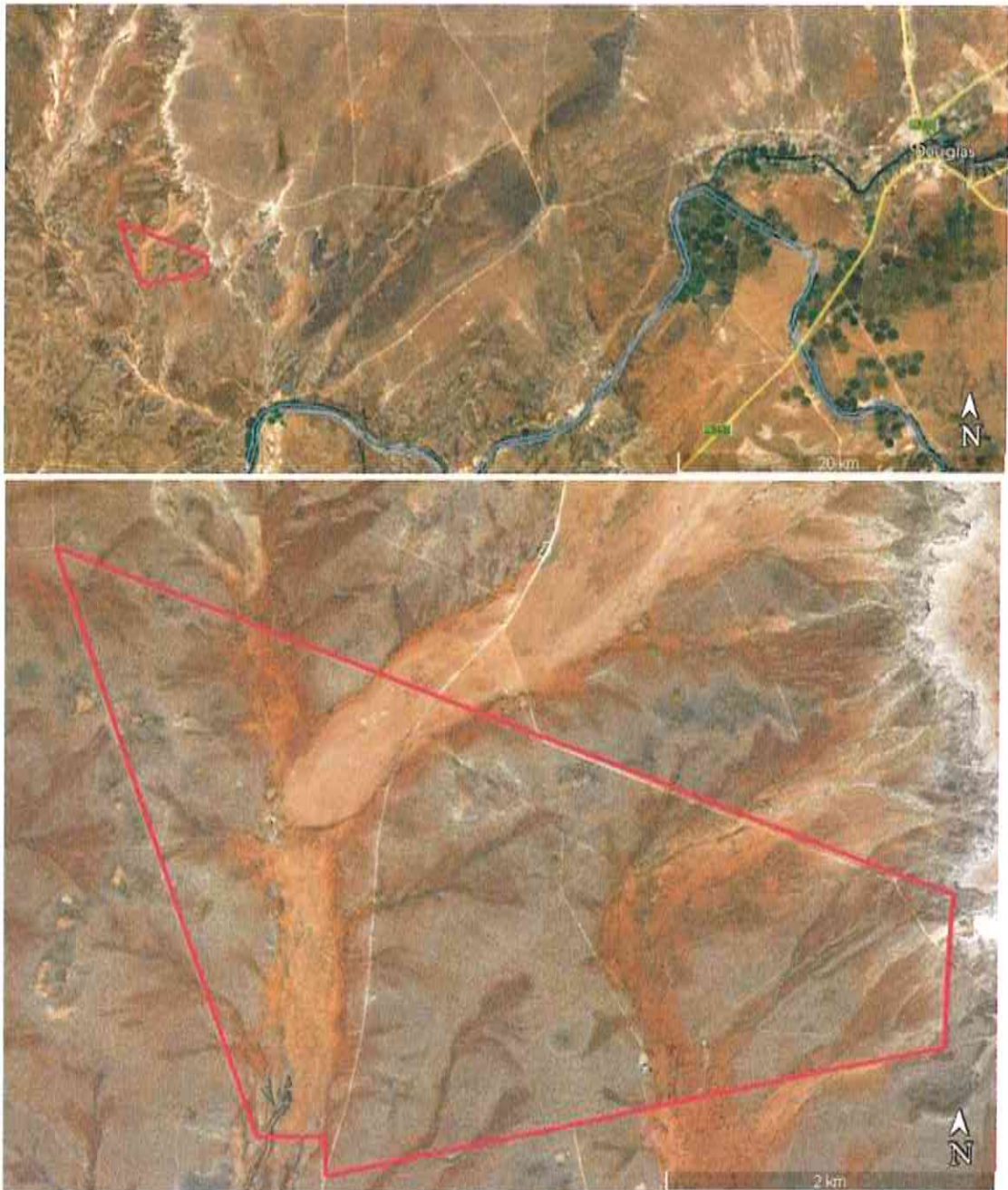


Figure 2. Aerial view of the study area.



Figure 3. General view of the terrain, looking west.

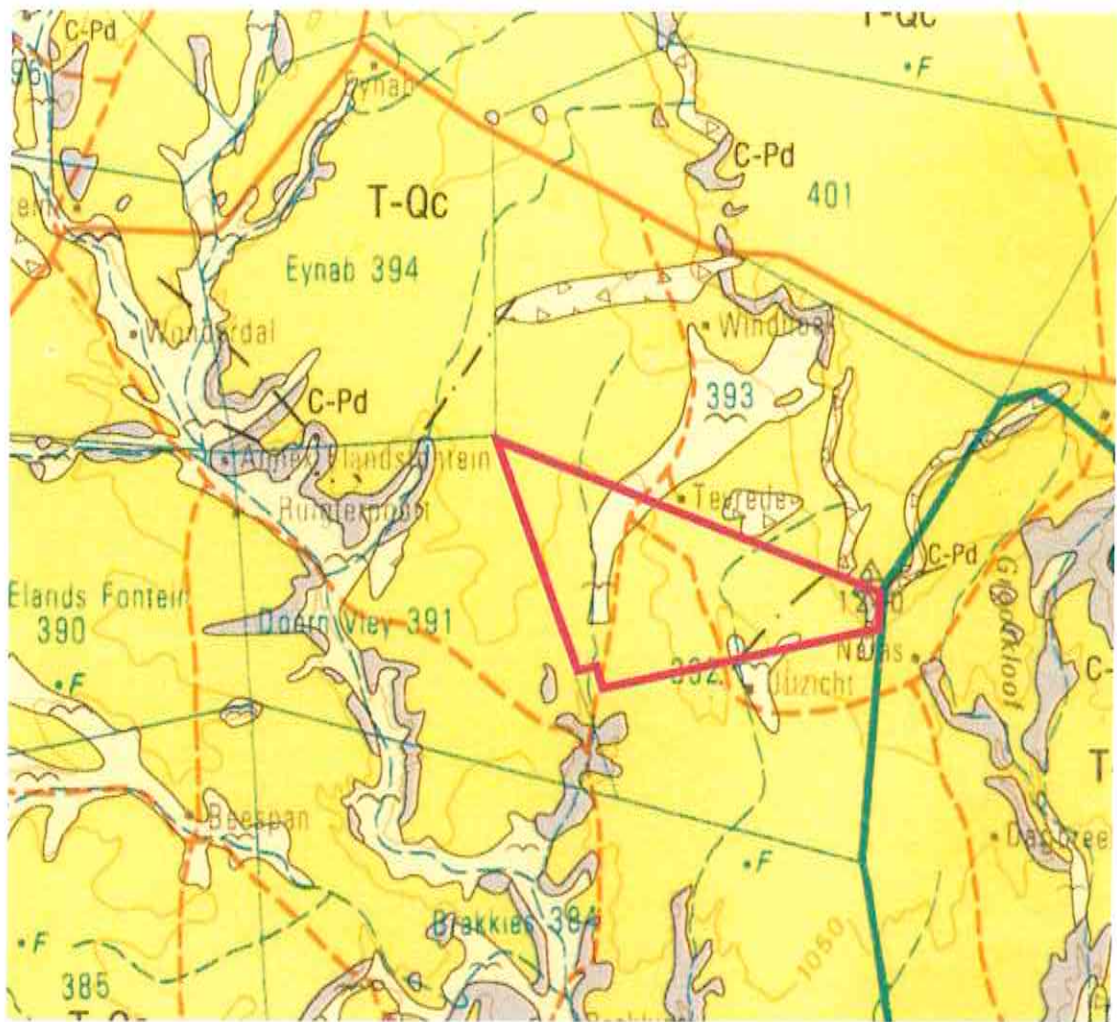


Figure 4. According to the 1:250 000 scale geological map 2922 Prieska, the farm is primarily covered by red brown aeolian sands (*Qs*) and alluvium along stream channels and Tertiary calcretes (*T-Qc*). Surface deposits are underlain by Dwyka Group tillites of the Mbizane Formation (*C-pd*); the latter largely exposed along geologically recent stream channels.



1 in 250 000 geological formation layers are courtesy of the Council for GeoScience
 For more information, go to [How to Use the Palaeontological \(fossil\) Sensitivity Map](#)

Colour	Sensitivity	Required Action
RED	VERY HIGH	field assessment and protocol for finds is required
ORANGE/YELLOW	HIGH	desktop study is required and based on the outcome of the desktop study, a field assessment is likely
GREEN	MODERATE	desktop study is required
BLUE	LOW	no palaeontological studies are required however a protocol for finds is required
GREY	INSIGNIFICANT/ZERO	no palaeontological studies are required
WHITE/CLEAR	UNKNOWN	these areas will require a minimum of a desktop study. As more information comes to light, SAHRA will continue to populate the map

Figure 5. SAHRIS palaeosensitivity map of the area.



- | | |
|--|---|
| 1. Pniel, Noolgedacht & Powers Site - ESA, MSA and LSA | 9. Liebensraum - ESA |
| 2. Canteen Koppie - ESA | 10. Wildebeestkult - Rock engravings |
| 3. Rooildam - ESA | 11. Wipani - Rock engravings |
| 4. Biesiespot - MSA | 12. Orange River Station, Blockhouse & Concentration Camp |
| 5. Driekopseland - Glacial strathions. Rock engravings | 13. Readsdrift - Rock engravings |
| 6. Doornlaagte - ESA | 14. Orange-Vaal confluence - Engravings on andesite |
| 7. Kareevloer - ESA, MSA | 15. Sijpsteen - Rock engravings |
| 8. Alexandersfontein - 'palaeo-lake' | |

Figure 6. The Stone Age archaeological footprint is well-represented north of Hopetown and around Kimberley by Early and Middle Stone Age localities from lacustrine and alluvial contexts as well as rock engravings on andesite and dolerite outcrop.

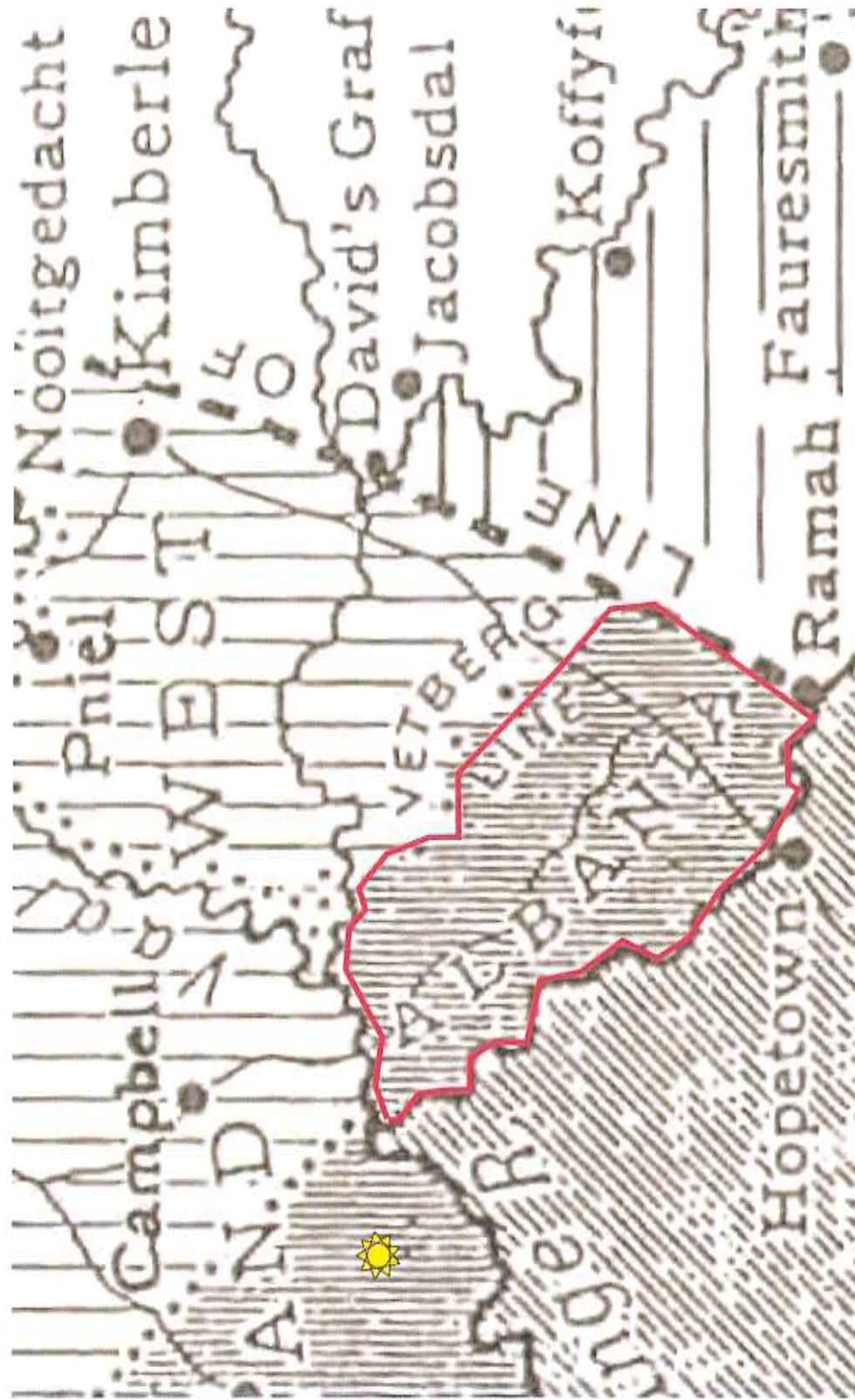


Figure 8. The historical Albania Settlement of Griqualand West occupied the area east of the Orange River between Douglas and Hopetown. It lasted from 1866 to 1878. Study area indicated by yellow star.



Figure 9. Variably sorted gravels in a sandy matrix represented by scree and lag deposits that also include isolated or low density surface scatters of mostly individual and weathered stone tool artifacts (left). Surface limestone/ calcrete exposed along stream channels (center) and Mbizane Formation tillites (right).

Scale 1 = 10 cm.



Figure 10. Small, fenced-off farm cemetery

CALCULATION OF THE QUANTUM

Applicant: Electri City Mining (Pty) Ltd

12680 PR

Date: 11/02/2022

No.	Description	Unit	A Quantity	B Master Rate	C Multiplication factor	D Weighting factor 1	E=A*B*C*D Amount (Rands)
1	Dismantling of processing plant and related structures (including overland conveyors and powerlines)	m3	0	17	1	1	0
2 (A)	Demolition of steel buildings and structures	m2	0	241	1	1	0
2(B)	Demolition of reinforced concrete buildings and structures	m2	0	356	1	1	0
3	Rehabilitation of access roads	m2	500	43	1	1	21500
4 (A)	Demolition and rehabilitation of electrified railway lines	m	0	419	1	1	0
4 (A)	Demolition and rehabilitation of non-electrified railway lines	m	0	229	1	1	0
5	Demolition of housing and/or administration facilities	m2	0	483	1	1	0
6	Opencast rehabilitation including final voids and ramps	ha	0.75	253019	0.52	1	98,677.41
7	Sealing of shafts adits and inclines	m3	0	130	1	1	0
8 (A)	Rehabilitation of overburden and spoils	ha	0	168679	1	1	0
8 (B)	Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential)	ha	0	210087	1	1	0
8 (C)	Rehabilitation of processing waste deposits and evaporation ponds (polluting potential)	ha	0	610192	1	1	0
9	Rehabilitation of subsided areas	ha	0	141244	1	1	0
10	General surface rehabilitation	ha	0.4	133622	1	1	53,448.80
11	River diversions	ha	0	133622	1	1	0
12	Fencing	m	0	152	1	1	0
13	Water management	ha	0	50807	1	1	0
14	2 to 3 years of maintenance and aftercare	ha	0.1	17782	1	1	1,778.20
15 (A)	Specialist study	Sum	0				0
15 (B)	Specialist study	Sum					0
		Subtotal 1					175,404.41

1	Preliminary and General	21048 5292	weighting factor 2	21,048.53
2	Contingencies	17540.441	1	17,540.44
		Subtotal 2		213,993.38

VAT (15%)	32,099.01
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Grand Total	246,092.39
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