



BASIC ASSESSMENT REPORT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT

Basic Assessment Report in support of the application for Environmental Authorisation for the Proposed Schietfontein and Krelingspost Prospecting Right Application in terms of the National Environmental Management Act, No 107 of 1998, and Mineral and Petroleum Resources Development Act, 2002 (MPRDA) (As Amended).

NAME OF APPLICANT: Eland Platinum (Pty) Ltd ("EP"), a subsidiary of Northam Platinum Limited ("Northam").

TEL NO: +2712 381 4099

FAX NO: +2711 325 4795

POSTAL ADDRESS: PO Box 3436, Brits, 0250, South Africa

PHYSICAL ADDRESS: Farm Elandsfontein 440 JQ, District of Brits

FILE REFERENCE NUMBER SAMRAD: NW30/5/1/1/3/2/1/12604EM

Report No: CHEMC-Schietf-FBAR – August 2019

Prepared by: CHEMC Environmental
Contact: Stephan Barkhuizen
Tel: 012 802 1002
Email: stephan@chemc.com



IMPORTANT NOTICE

In terms of the Mineral and Petroleum Development Act (Act 28 of 2002 as amended), the Minister must grant a prospecting or mining right if among others the mining “will not result in unacceptable pollution, ecological degradation or damage to the environment”.

Unless an Environmental Authorisation can be granted following the evaluation of an Environmental Impact Assessment and an Environmental Management Programme Report in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA), it cannot be concluded that the said activities will not result in unacceptable pollution, ecological degradation or damage to the environment.

In terms of section 16 (3) (b) of the EIA Regulations, 2014, any report submitted as part of an application must be prepared in a format that may be determined by the Competent Authority and in terms of section 17 (1) (c) the Competent Authority must check whether the application has taken into account any minimum requirements applicable or instructions or guidance provided by the competent authority to the submission of applications.

It is therefore an instruction that the prescribed reports required in respect of applications for an environmental authorisation for listed activities triggered by an application for a right or permit are submitted in the exact format of, and provide all the information required in terms of, this template. Furthermore, please be advised that failure to submit the information required in the format provided in this template will be regarded as a failure to meet the requirements of the Regulations and will lead to the Environmental Authorisation being refused.

It is furthermore an instruction that the Environmental Assessment Practitioner must process and interpret his/her research and analysis and use the findings thereof to complete that information required herein. (Unprocessed supporting information may be attached as appendices). The EAP must ensure that the information required is placed correctly in the relevant sections of the Report, in order, and under the provided headings as set out below, and ensure that the report is not cluttered with un-interpreted information and that it unambiguously represents the interpretation of the applicant.

OBJECTIVE OF THE BASIC ASSESSMENT PROCESS

The objective of the basic assessment process is to, through a consultative process—

- (a) determine the policy and legislative context within which the proposed activity is located and how the activity complies with and responds to the policy and legislative context;
- (b) identify the alternatives considered, including the activity, location, and technology alternatives;
- (c) describe the need and desirability of the proposed alternatives,
- (d) through the undertaking of an impact and risk assessment process inclusive of cumulative impacts which focused on determining the geographical, physical, biological, social, economic, heritage, and cultural sensitivity of the sites and locations within sites and the risk of impact of the proposed activity and technology alternatives on these aspects to determine:
 - (i) the nature, significance, consequence, extent, duration, and probability of the impacts occurring to; and
 - (ii) the degree to which these impacts—
 - (aa) can be reversed;
 - (bb) may cause irreplaceable loss of resources; and
 - (cc) can be managed, avoided or mitigated;
- (e) through a ranking of the site sensitivities and possible impacts the activity and technology alternatives will impose on the sites and location identified through the life of the activity to—
 - (i) identify and motivate a preferred site, activity and technology alternative;
 - (ii) identify suitable measures to manage, avoid or mitigate identified impacts; and
 - (iii) identify residual risks that need to be managed and monitored.

EXECUTIVE SUMMARY

Eland Platinum Proprietary Limited ("EP"), a subsidiary of Northam Platinum Limited ("Northam"), has submitted an application for an environmental authorisation ("EA Application") under the National Environmental Management Act 107 of 1998 ("NEMA") to the Department of Mineral Resources ("DMR") for the prospecting right application ("Prospecting Right Application") on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ ("Schietfontein") and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost") ("**Proposed Schietfontein and Krelingspost Prospecting Area**"). The EA Application was submitted to the DMR North-West Region on the 3rd of May 2019, and CHEMC Environmental subsequently received an acknowledgement of receipt letter, dated 28 May 2019, from the Regional Manager of the DMR North-West Region with the application reference number **NW30/5/1/1/3/2/1/12604EM**.

The prospecting activities on the Proposed Schietfontein and Krelingspost Prospecting Area will include the drilling of eleven diamond drilled boreholes on Schietfontein and eleven diamond drilled boreholes on Krelingspost for sampling over 5 years (the "**Proposed Project**"). The Proposed Project includes several properties with different landowners, targeting exclusively the Merensky Pyroxenite, Upper Group ("**UG**")² and UG1 chromitite layers in, on or under the Proposed Schietfontein and Krelingspost Prospecting Area.

The Middle Group ("**MG**") and Lower Group ("**LG**") seams are therefore excluded from the scope of the Prospecting Right Application and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the aforesaid minerals in relation to Portions 2 and 3 of Krelingspost are specifically excluded from the Prospecting Right Application's scope.

Details of the properties and landowners are given in **Section 2, Table 2**.

Eland Platinum Mine ("**EM**") is an established (est. 2006) platinum group metals ("**PGMs**") and chrome mining and processing operation, operated under two mining

rights namely DMR Reference. No: NW 30/5/1/2/2/341MR ("**Zilkaatsnek Mining Right**") and DMR Ref. No: NW 30/5/1/2/2/280MR ("**Elandsfontein Mining Right**"), granted in terms of the Mineral and Petroleum Resources Development Act, No. 28 of 2002 ("**MPRDA**") by the Department of Mineral Resources ("**DMR**"), which include opencast and underground mining sections. The Zilkaatsnek Mining Right and Elandsfontein Mining Right are collectively referred to as the "**Mining Rights**".

EM is located 10km east of Brits and 60 km west of Pretoria. The R566 (Brits - Rosslyn) provincial road is situated to the north of the boundary of the area on which the EM's surface infrastructure is located ("**EM Surface Area**") and is the main access road to the site. The N4 Bakwena National Highway forms the southern boundary of the EM Surface Area.

CHEMC Environmental has prepared a Basic Assessment Report ("**BAR**") to provide the relevant authorities and interested and affected parties ("**I&APs**") with sufficient information to ensure that they all have a clear understanding of the Proposed Project. The BAR was specifically drafted to ensure that there will be a better understanding of the potential impacts from the activities comprising of the Proposed Project against the prevailing environmental and socio-economic conditions.

The EA Application process for the Proposed Project was advertised in the Beeld on 2 July 2019 and Britspos on 5 July 2019. Public Notices and Background Information Documents ("**BIDs**") were hand delivered, and sent via registered mail and email to the following:

- Landowners;
- Neighbouring landowners;
- Stakeholders (i.e. South African Heritage Resources Agency ("**SAHRA**"), Eskom Holdings SOC Ltd ("**Eskom**"), Tribal Authorities and Commission on Restitution of Land Rights);
- Ward Councillors;
- Madibeng Local Municipality ("**MLM**");
- Bojanala Platinum District Municipality ("**BPDM**");
- North West Department of Rural, Environment and Agricultural Development ("**NWDREAD**");
- Department of Environment, Forestry and Fisheries ("**DEFF**"); and

- Department of Water and Sanitation ("**DWS**").

The Draft Basic Assessment Report ("**DBAR**") was made available for review and comments for thirty (30) days from 4 July to 4 August 2019 at the following locations:

- Site Entrance of the EM;
- Madibeng Local Library;
- Mmakau Police Station;
- De Wildt Helpmekaar Offices; and
- Moumoro Store in Mmakau.

The main comments and concerns raised during the DBAR commenting and public participation process ("**PPP**"), which has been captured in the Stakeholder Consultation Report (Appendix 6 hereto), relate to the following:

- Possible impact on existing and future land uses, agriculture, business activities and other industries.
- Need to undertake further specialist work.
- Potential impact on groundwater.
- Potential impact of dust fallout on landowners, businesses and industries.
- Potential influx of criminal activity.

This basic assessment process has been carried out in accordance with the NEMA and the EIA Regulations. It is not foreseen that the Proposed Project will have a significant environmental impact on the area but sensitive areas, especially those in the natural open areas on Schietfontein and the densely vegetated areas along the Kareespruit, will be taken into consideration and the appropriate mitigation measures will be put into place to minimise the environmental impact. The Proposed Project will have a limited footprint disturbance and the foreseen impacts are considered to have a low significance after mitigation measures have been implemented

The prospecting activities proposed on Portions 27 and 28 of Schietfontein are however in direct conflict with the current approved land use (the "**De Wildt Solar Farm**") and an amicable solution between EP and the developer of the De Wildt

Solar Farm needs to be reached. It is therefore recommended that further consultation be undertaken with the developers of the De Wildt Solar Farm, Zolograph Investments (RF) (Pty) Ltd ("**Zolograph**").

Other conflicting land uses on or adjacent to the Proposed Schietfontein and Krelingspost Prospecting Area have also been identified during the PPP, including Kroon Gourmet Chicken (Pty) Ltd.'s chicken broiler, abattoir and proposed hatchery ("**Kroon Poultry Operations**"); and Q4 Commercial Properties (Pty) Ltd and Q4 Chemicals (Pty) Ltd.'s approved filling stations on Portions 22 and 41 of Schietfontein ("**Q4 Filling Stations**"). It is recommended that further consultation must also be undertaken with the owner / developers of the Kroon Poultry Operations and Q4 Filling Stations.

As such and due to further requests received for additional consultation, a request for extension of the PPP has been submitted to the DMR North-West Region with this FBAR. The FBAR will be made available from 5 August 2019 for review and comment.

Based on the outcomes of the risk assessments conducted, coupled with the recommendations made by the EAP, the Proposed Project can proceed. This is however conditional to:

- a solution being reached on Portions 27 and 28 of Schietfontein between EP and Zolograph;
- mitigation measures contained in the EMP are implemented; and
- prior to the commencement of the Proposed Project the following specialist inputs must be obtained for final site selection:
 - Wetland verification;
 - Biodiversity Survey; and
 - Heritage survey; and
- a water use risk assessment in terms of GN 509 must be undertaken prior to the commencement of the Proposed Project.

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LIST OF ABBREVIATIONS

Term/ Abbreviation	Definition
BIC	Bushveld Igneous Complex
BID	Background Information Document
BAR	Basic Assessment Report
BPDM	Bojanala Platinum District Municipality
BSP	Biodiversity Sector Plan
CA	Competent Authority
CBA	Critical Biodiversity Area
CARA	Conservation of Agricultural Resources Act (Act No. 43. of 1983)
CBA	Critical Biodiversity Area
Constitution	Constitution of the Republic of South Africa (Act No.108 of 1996)
DBAR	Draft Basic Assessment Report
DEFF	Department of Environment, Fisheries and Forestry
DMR	Department of Mineral Resources
DWAF	The previous Department of Water and Forestry
DWS	Department of Water and Sanitation
EA	Environmental Authorisation
EAP	Environmental Assessment Practitioner
ECA	Environment Conservation Act (Act No. 73 of 1989)
EIA Regulations or GN R982	The Environmental Impact Assessment Regulations, published in GN R982 of Government Gazette 38282 on 8 December 2014 under section 24 of the NEMA
ESA	Ecological Support Areas
EMPr	Environmental Management Programme
EM	Eland Platinum Mine
EM Surface Area	The area on which the EM's surface infrastructure is located
EP	Eland Platinum Proprietary Limited
FBAR	Final Basic Assessment Report
FEPA	Freshwater Ecosystem Priority Area
GA	General Authorisation in terms of Section 39 of the National Water Act, 1998
GN	Government Notice
GN R921	GN R982 of Government Gazette 37083 published on 29 November 2013 under NEM:WA containing the list of waste activities that requires a WML.
GN R983	GN R983 of Government Gazette 38282 published on 8 December 2014 under section 24 of the NEMA
GN R985	GN R985 of Government Gazette 38282 published on 8 December 2014 under section 24 of the NEMA
Ha	Hectares (measure of area, 10 000 square metres)
HIA	Heritage Impact Assessment
HSA	Hazardous Substances Act (Act No. 15 of 1973)
HSEC	Health, Safety, Environment and Community
I&APs	Interested and Affected Parties
IBA	Important Bird Area
IDP	Integrated Development Plan
Km	Kilometres
Km ²	Square Kilometres
LOM	Life of Mine

M ²	Square Metres
MAP	Mean annual precipitation
mamsl	Metres above sea level
MHSA	Mine Health and Safety Act (Act No. 29 of 1996)
m	Metres
MPNE	Magaliesberg Protected Natural Environment
MG	Middle Group
mm	Millimetres
m/s	Metres per second
MLM	Madibeng Local Municipality
MPRDA	Mineral and Petroleum Resources Development Act (Act No. 28 of 2002)
NEMA	National Environmental Management Act (Act No. 107 of 1998)
NEM:AQA	National Environmental Management: Air Quality Act (Act No. 39 of 2004)
NEM:BA	National Environmental Management: Biodiversity Act (Act No. 10 of 2004)
NEM:WA	National Environmental Management: Waste Act (Act No. 59 of 2008)
NEM:PAA	National Environmental Management: Protected Areas Act (Act No. 57 of 2003)
NHRA	National Heritage Resources Act (Act No. 25 of 1999)
NPA	National Priority Area
NWA	National Water Act (Act No. 36 of 1998)
NWBSP	North West Biodiversity Stewardship Program
NWP	North-West Province
NWREAD	North West Department of Rural, Environment and Agricultural Development
PAIA	Promotion of Access to Information Act (Act No. 2 of 2000)
PGMs	Platinum group metals
PPE	Personal Protective Equipment
PPP	Public Participation Process
Proposed Prospecting Area	Portion 83 and 86 (both portions of Portion 58) and Portion 197 (a portion of Portion 113) of the Farm Zilkaatsnek 439JQ
Pr.Sci. Nat	Professional Natural Scientists
QDS	Quaternary Drainage System
R	Resident
RLS	Rustenburg Layered Suite
SACNASP	The South African Council of Natural Scientific Professions
SAHRA	South African National Heritage Resources Agency
SANBI	South African National Biodiversity Institute
SANS	South African National Standards
SAWS	South African Weather Services
SDF	Spatial Development Framework
TOPS Regulations	Threatened and Protected Species Regulations, published GN 255 of 2015 under section 56(1) of the NEMBA.
UG	Upper Group
WUL	Water use licence

1. CONTACT PERSON AND CORRESPONDENCE ADDRESS:

1.1 Details of:

1.1.1 The applicant:

Eland Platinum Proprietary Limited ("**EP**"), a subsidiary of Northam Platinum Limited ("**Northam**"), owns and operates the Eland Platinum Mine ("**EM**") and mineral processing operation near Brits, situated in the Madibeng Local Municipality ("**MLM**") that forms part of the Bojanala Platinum District Municipality ("**BPDM**"), in the North-West Province ("**NWP**") of South Africa.

Table 1: Details of the applicant and contact person

Landowner:	Refer to Table 2 for a list of the landowners.	
Project applicant:	Eland Platinum Proprietary Limited, a wholly owned subsidiary of Northam Platinum Limited	
Registration no:	2016/427918/07	
Trading name:	Eland Platinum	
Contact person:	Jacques Pretorius (General Manager)	
Physical address:	Farm Elandsfontein 440 JQ, District of Brits, South Africa	
Postal address:	PO Box 3436, Brits, 0250, South Africa	
Telephone no:	012 381 4099	
Fax no:	086 411 8000	
Email:	Jacques.Pretorius@norplats.co.za	
For the purpose of the application process the following people may be contacted at Eland Platinum:		
Mr. M Prinsloo Safety Coordinator Tel No: 012 381 4099 Email: martiens.prinsloo@norplats.co.za		Ms. Baiphapi Sethaelo Stakeholder Engagement Specialist Tel No: 012 381 4099 Email: Baiphapi.Sethaelo@norplats.co.za

1.1.2 The EAP who prepared the report:

Mr. GS Barkhuizen from CHEMC Environmental has been appointed as the independent Environmental Assessment Practitioner ("**EAP**") by EP to undertake the EA Application in terms of the National Environmental Management Act (Act No. 107 of 1998) ("**NEMA**") and the Environmental Impact Assessment ("**EIA**") Regulations

(GN R982 of 8 December 2014). The study will be undertaken by CHEMC Environmental.

CHEMC Environmental commenced business in 1994 and has since been involved in a large variety of environmental studies. It is a South African organisation of professionals providing a comprehensive range of consulting services to natural resource industries and organisations. CHEMC Environmental is based in Pretoria and staffed with professional consultants operating in a range of disciplines, mainly related to the environment, water and mining sectors.

Company: CHEMC Environmental

Name of the Practitioner: Gerhardus Stephanus (Stephan) Barkhuizen

Tel No.: +2712 802 1002

Cell No.: +2782 639 9944

Fax No.: +2712 802 1004

E-mail address: stephan@chemc.com

1.1.3 Expertise of the EAP.

1.1.3.1 *Qualifications of the EAP*

The qualifications of the EAP (With evidence attached as **Appendix 1**).

Mr Barkhuizen holds a BSc (Honours) in Environmental Monitoring and Modelling and a BTech in Landscape Technology. He is a certified Natural Scientist in the Environmental Sciences Field (Registration number: 115982) with the South African Council of Natural Scientific Professions ("**SACNASP**"). Copies of the EAP's qualifications as listed above for this project are included in **Appendix 1**.

1.1.3.1 *Summary of the EAP's past experience.*

(Attach the EAP's curriculum vitae as **Appendix 2**)

Mr Barkhuizen will be the project lead EAP for the EA Application. He has 10 years' experience in the environmental field. His experience is in the management of EIA and EMP processes; coordination and execution of public participation processes ("**PPP**"); and management of multi-disciplinary project teams, mainly for mining

related projects. He is also involved in conducting environmental audits and site assessments.

Mr. Jannie Cronje will be the project partner and reviewer of the DBAR and FBAR. He is a senior member of CHEMC Environmental, with 25 years' experience in the environmental and geohydrology consultancy industry. Jannie Cronje is appropriately qualified and registered with the relevant professional bodies. He is registered as a Professional Natural Scientists (Pr.Sci.Nat. 400063/93) with the SACNASP.

Mrs. Marilize Potgieter, will be the junior environmental consultant providing assistance and a supplementary role in the EA Application. She has over 5 years' experience in the eco-conservation and game management field.

The team has extensive knowledge of environmental management extending from EMPs, EIAs and basic assessments to environmental compliance auditing, environmental protection, pollution control and water and waste management. Curriculum Vitae ("**CVs**") of the project team members and past experience listed above for this project can be found in **Appendix 2**.

2. DESCRIPTION OF THE SCHIETFONTEIN & KRELINGSPPOST PROSPECTING AREA:

The Proposed Schietfontein and Krelingspost Prospecting Area is situated adjacent to the EM Surface Area, approximately 14km east of Brits and 60 km west of Pretoria. The R566 (Brits - Rosslyn) provincial road is situated to the north and will be used as an access road to the Proposed Prospecting Area. The M21 runs to the east of the Proposed Schietfontein and Krelingspost Prospecting Area and is mainly used to access a portion of Krelingspost. The N4 Bakwena National Highway forms the southern boundary of the Proposed Schietfontein and Krelingspost Prospecting Area.

Surrounding land uses comprise of livestock grazing, agriculture, mining (EM, Hernic Ferrochrome, Crocodile River Mine's Maroelabult section, and granite mining further north), commercial businesses and community residential area and related activities.

Directly to the south (across the N4 highway) is the Zilkaatsnek Eco-estate (mix land-use development). Further to the south and south-east, land is used for conservation purposes (Magaliesberg Nature Reserve and the De Wildt Cheetah Reserve).

The Proposed Schietfontein and Krelingspost Prospecting Area comprises mainly of open agricultural farms, natural areas and cultivated fields. Some of the properties in the Proposed Schietfontein and Krelingspost Prospecting Area have Farm Homesteads situated on them. There are a few local businesses situated on the Krelingspost section, including a local restaurant (Karen se Plaaskombuis), instant lawn distributors (Die Grasplaas and Easy Lawn) and a recycling business (Envirocycle). Development of a solar power project is being undertaken on Portions 15, 27 and 28 of Schietfontein by Zolograph Investments (RF) (Pty) Ltd ("**Zolograph**"). Samancor Chrome Ltd ("**Samancor**") also holds a prospecting right to chrome in the MG and LG seams on Portions 27 and 28 of Schietfontein. The R566 and Rosslyn – Brits railway traverses certain of the properties. The land uses of the properties in the Proposed Schietfontein and Krelingspost Prospecting Area are discussed in detail in Table 22 below.

The surrounding communities and their proximity to the Proposed Schietfontein and Krelingspost Prospecting Area include:

- Brits (14 km west);
- Damonsville (8.2 km north-west);
- Mothotlung (5.4 km north-west);
- Moumong (2.5 km north-west);
- Ramolapong (2.3 km north);
- Mmakau (4.5 km north-west);
- Ga-Kwate (1.8 km north); and
- De Wildt (1.4 km north).

(Refer to Figure 1: Regional Locality map and Figure 2: Locality map).

A detailed property description of the Proposed Schietfontein and Krelingspost Prospecting Area is listed in **Table 2**, below:

Table 2: Property description of the Proposed Schietfontein and Krelingspost Prospecting Area.

Farm Name	Portion and size	Landowner Detail
Farm Schietfontein 437 JQ ("Schietfontein"):	Remaining Extent of Portion 5, measuring 2.1756 hectares in extent.	Private owners – FJ Strauss, L Strauss & MN Ras
	Portion 24 (a portion of Portion 2), measuring 17.8382 hectares in extent.	Private owners – FJ Strauss & L Strauss
	Portion 27 (a portion of Portion 2), measuring 8.8184 hectares in extent.	
	Portion 28 (a portion of Portion 2), measuring 8.7843 hectares in extent. ¹	
	Portion 33 (a portion of Portion 32), measuring 8.5653 hectares in extent.	
	Portion 34 (a portion of Portion 32), measuring 17.7839 hectares in extent.	Private owner – MN Ras
	Remaining Extent of Portion 32, measuring 15.0021 hectares in extent.	
	Portion 35 (a portion of Portion 2), measuring 49.659 hectares in extent.	
	Remaining Extent of Portion 99, measuring 11.339 hectares in extent.	Private owner – RG Jacobs
	Portion 100 (a portion of Portion 99), measuring 30.1315 hectares in extent.	Private owners – JJR van der Merwe & JJ van der Merwe
Farm Krelingspost 425 JQ ("Krelingspost"):	Portion 101 (a portion of Portion 99), measuring 18.7922 hectares in extent.	Close Corporation – Madala's Padmark CC
	Portion 2, measuring 6.5382 hectares in extent.	Close Corporation – Super Soya CC
	Portion 3, measuring 6.5382 hectares in extent.	Close Corporation – Macal Farms CC
	Portion 70 (a portion of Portion 67), measuring 4.9804 hectares in extent.	Private Company – Kreylingspost Nr 10 De Wildt Pty Ltd
	Portion 71 (a portion of Portion 67), measuring 5.1757 hectares in extent.	

¹ Zolograph has a long-term lease on Portions 27 and 28 of Schietfontein.

	Portion 72 (a portion of portion 67), measuring 5.5491 hectares in extent. ²	
	Portion 74, (a portion of Portion 67) measuring 5.529 hectares in extent.	
	Portion 75 (a portion of Portion 67), measuring 5.5411 hectares in extent.	
	Portion 76 (a portion of Portion 67), measuring 5.5850 hectares in extent.	
	Portion 79 (a portion of Portion 67), measuring 1.500 hectares in extent.	
	Portion 73 (a portion of Portion 67), measuring 10.4125 hectares in extent.	Close Corporation – Home Shopper CC
	Portion 80 (a portion of Portion 67), measuring 27.4933 hectares in extent.	Close Corporation – Corporate Flat CC
The above Schietfontein and Krelingspost properties are further collectively referred to as the " Proposed Schietfontein & Krelingspost Prospecting Area ".		
Application area (Ha):	Total area of 273.732 hectares (" Ha "). The proposed prospecting activity will likely disturb a total area of +/- 4 000m ² (taking into account potential temporary access roads)	
Magisterial district:	Madibeng Local Municipality	
Distance and direction from nearest town:	The Proposed Schietfontein and Krelingspost Prospecting Area is located approximately 14 km west of Brits. Surrounding communities include Damonsville, Mothotlung, Mmakau, Ga-Kwate, Ramolapong and private landowners and farmers. <i>(Refer to Figure 1: Regional Locality map and Figure 2: Locality map).</i>	
21 digit Surveyor General Code for each farm portion:	Portions of Schietfontein 437 JQ	
	Remaining Extent of Portion 5	T0JQ00000000043700005
	Portion 24 (a portion of Portion 2)	T0JQ00000000043700024
	Portion 27 (a portion of Portion 2)	T0JQ00000000043700027
	Portion 28 (a portion of Portion 2)	T0JQ00000000043700028

² This property is incorrectly referred to as a portion of Portion 10 in T129551/2006. This inaccuracy can be evidenced by the endorsements for T129546/2006 for Portion 67 (a portion of Portion 10), wherein inter alia Portion 72 was subdivided from Portion 67 (evidenced by SG diagram A5465/199) and not Portion 10.

	Remaining Extent of Portion 32	T0JQ00000000043700032
	Portion 33 (a portion of Portion 32)	T0JQ00000000043700033
	Portion 34 (a portion of Portion 32)	T0JQ00000000043700034
	Portion 35 (a portion of Portion 2)	T0JQ00000000043700035
	Remaining Extent of Portion 99	T0JQ00000000043700099
	Portion 100 (a portion of Portion 99)	T0JQ00000000043700100
	Portion 101 (a portion of Portion 99)	T0JQ00000000043700101
	Portions of Krelingspost 425 JQ	
	Portion 2	T0JQ00000000042500002
	Portion 3	T0JQ00000000042500003
	Portion 70 (a portion of Portion 67)	T0JQ00000000042500070
	Portion 71 (a portion of Portion 67)	T0JQ00000000042500071
	Portion 72 (a portion of Portion 67)	T0JQ00000000042500072
	Portion 73 (a Portion of Portion 67)	T0JQ00000000042500073
	Portion 74 (a Portion of Portion 67)	T0JQ00000000042500074
	Portion 75 (a portion of Portion 67)	T0JQ00000000042500075
	Portion 76 (a portion of Portion 67)	T0JQ00000000042500076
	Portion 79 (a portion of Portion 67)	T0JQ00000000042500079
	Portion 80 (a portion of portion 67)	T0JQ00000000042500080

2.1 Locality Map

(Show the nearest town, scale not smaller than 1: 250000 attached as Appendix 3)

Refer to **Figure 1 and 2** for the Regional and Aerial map.

The Proposed Project will be located on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of Schietfontein and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost (Refer to **Figure 3, 4 and 5**).

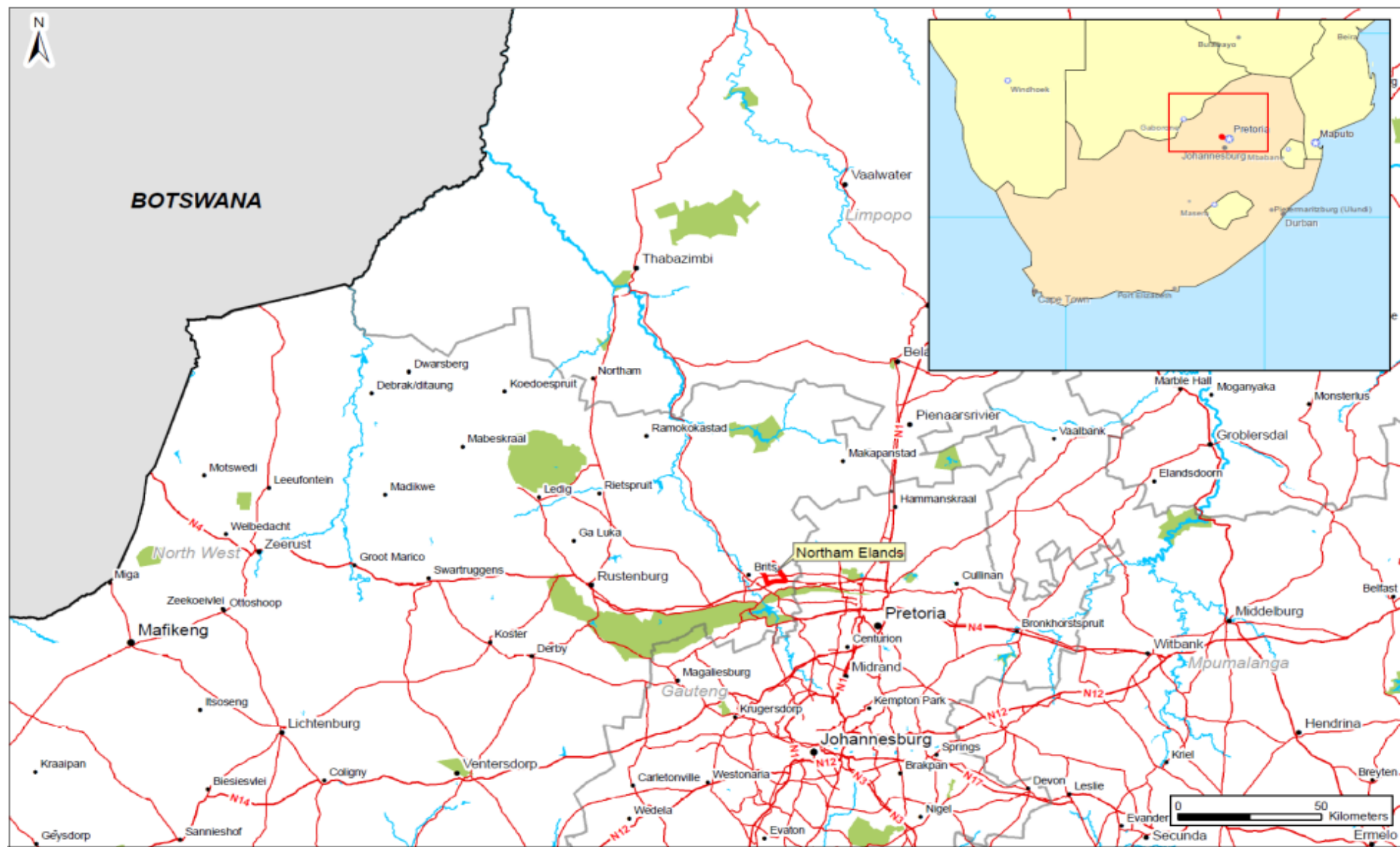


Figure 1: Regional locality map of EM



Figure 2: Aerial locality map of the EM Surface Area and Proposed Schietfontein and Krelingspost Prospecting Area.

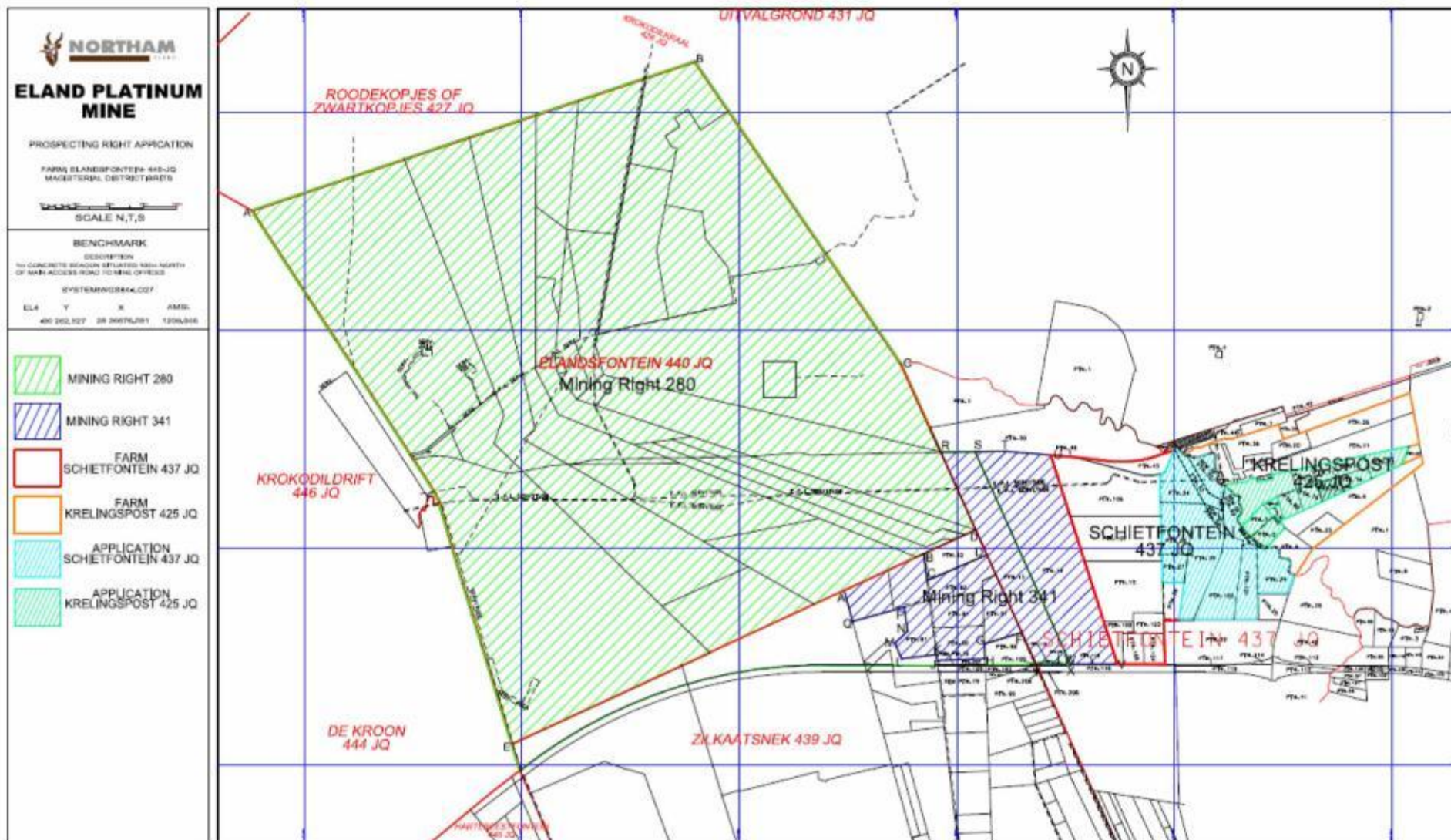
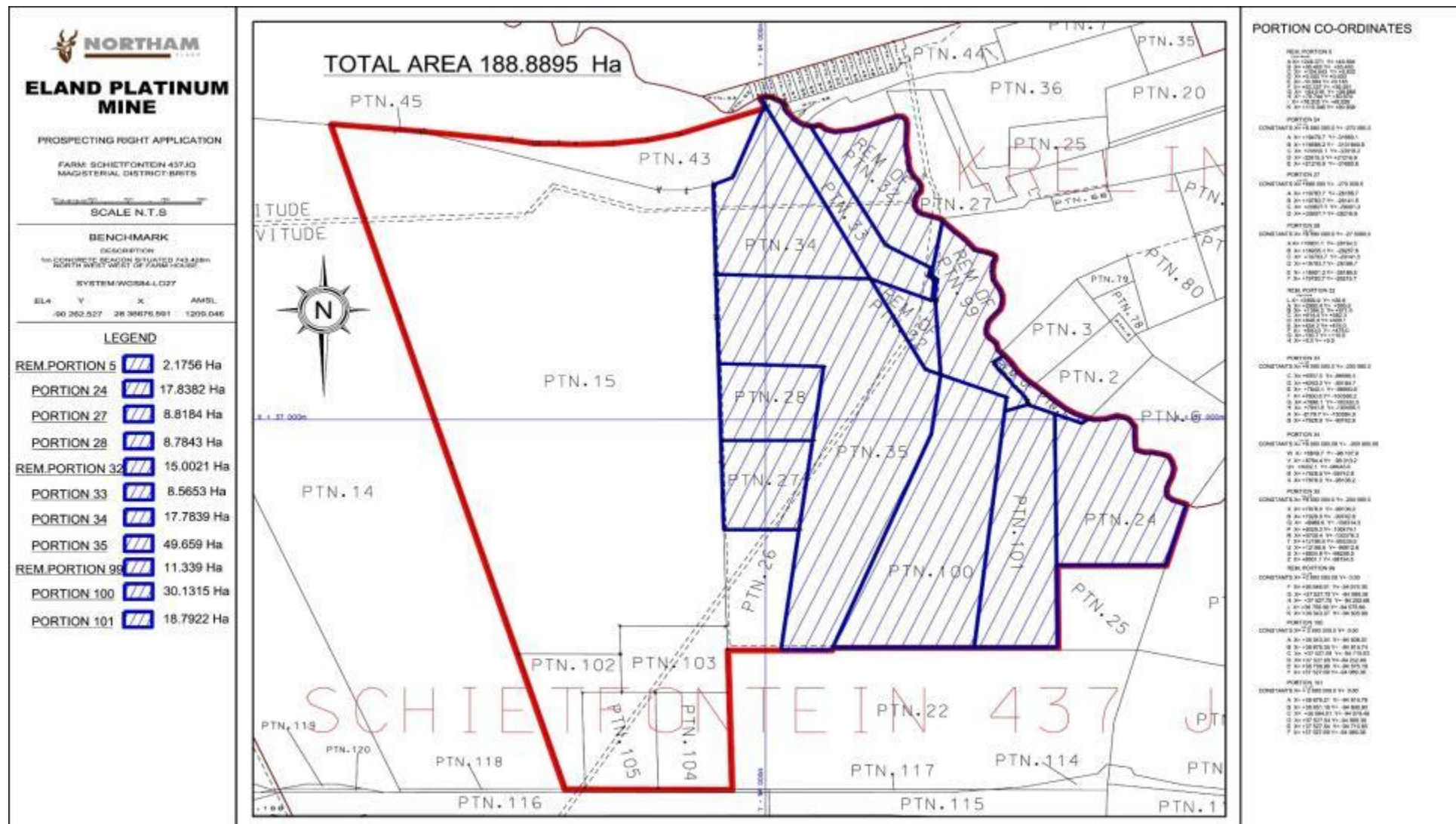


Figure 3: Location for Proposed Project



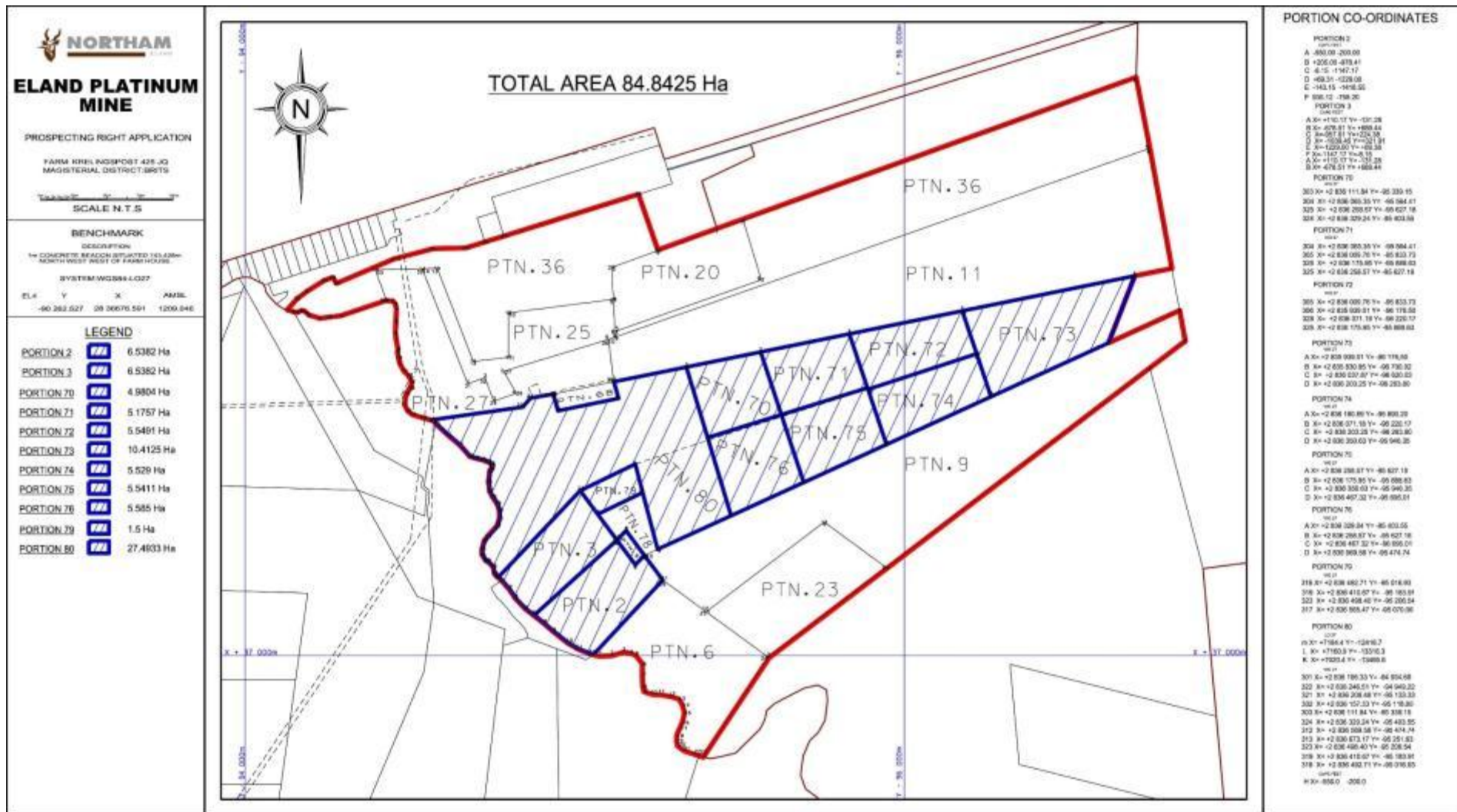


Figure 5: Krelingspost Properties in the Proposed Schietfontein and Krelingspost Prospecting Area

3. DESCRIPTION OF THE SCOPE OF THE PROPOSED PROJECT:

3.1 Listed and specified activities

Provide a plan drawn to a scale acceptable to the competent authority but not less than 1: 10 000 that shows the location, and area (hectares) of all the aforesaid main and listed activities, and infrastructure to be placed on site and attach as Appendix 4.

3.1.1 EP's Current Mining Operations

EM is an existing mine that produces PGM concentrate and chromite concentrate as a co-product. Minimal mining and processing activities are taking place on the EM operation. Operations have re-commenced in 2019, after a care and maintenance phase from October 2015.

The existing mining, processing and auxiliary infrastructure comprise of the following:

- Workshops and Stores;
- Overburden Rock and Topsoil Dumps;
- Opencast Mining Pits;
- Concentrator Plant;
- On-site Laboratory;
- Mine clinic and training centre;
- Water Management Infrastructure (i.e. dams, channels and pipelines);
- Waste Water Treatment Plant ("WWTP") and Water Treatment Plant ("WTP");
- Two decline Shafts (Kukama and Nyala) and supporting infrastructure;
- Tailings Storage Facilities ("TSF") comprising of four Paddocks;
- Offices and auxiliaries;
- Recreational Area (Game Farm);
- Agricultural fields; and
- Haul and internal Roads.

3.1.2 Proposed Activity Description

The following activities are planned on the Proposed Schietfontein and Krelingspost Prospecting Area:

3.1.2.1 Schietfontein 437JQ

Eleven diamond drilled boreholes are planned on Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of Schietfontein over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to the understanding of the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky UG2 and UG1 Reefs.

The mineral distribution of the ore-body is to be determined by diamond core drilling, core logging, sampling and assaying of the drill core. The relevant lithological, structural and assay information of each borehole will be collected according to EP's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise.

Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr_2O_3 and Fe_2O_3 will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility, located at EM. All geological information collected from the borehole logs will be stored in digital format in a database. A table listing the planned prospecting boreholes is inserted below (Table 3) followed by a locality plan indicating the borehole positions (Figure 6)

Table 3: Planned diamond drilling activity on portions of Schietfontein.

FARM	PORTION	PLANNED BHOLE	X	Y	Z	FINAL DEPTH	TARGET
SCHIETFontein 437JQ	PTN 28	S_PL01	93973	-37015	1229	170	MR, UG2
SCHIETFontein 437JQ	PTN 35	S_PL02	94271	-37014	1232	170	MR, UG2
SCHIETFontein 437JQ	PTN 100	S_PL03	94632	-37022	1233	170	MR, UG2
SCHIETFontein 437JQ	PTN 99	S_PL04	94615	-36812	1230	245	MR, UG2
SCHIETFontein 437JQ	PTN 27	S_PL05	94057	-37305	1234	250	UG2,UG1
SCHIETFontein 437JQ	PTN 101	S_PL06	94811	-37236	1236	80	UG2
SCHIETFontein 437JQ	PTN 24	S_PL07	95049	-37085	1236	150	UG2
SCHIETFontein 437JQ	PTN 5	S_PL08	94878	-36906	1233	190	MR, UG2
SCHIETFontein 437JQ	PTN 32	S_PL09	94529	-36408	1218	420	MR, UG2
SCHIETFontein 437JQ	PTN 34	S_PL10	94140	-36446	1219	360	MR, UG2
SCHIETFontein 437JQ	PTN 33	S_PL11	94480	-36496	1220	390	MR, UG2
						2595	

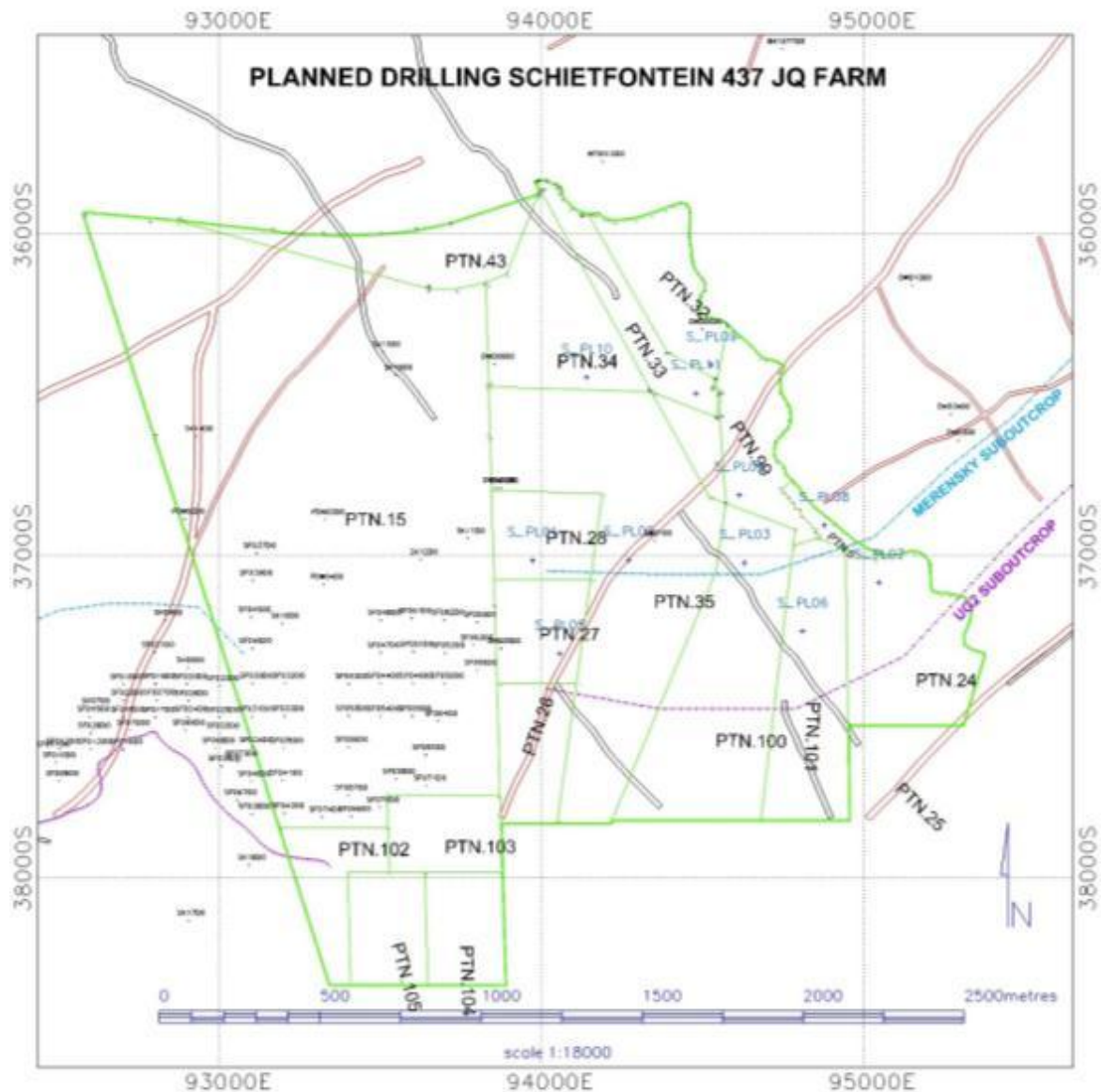


Figure 6: Planned prospecting boreholes on Schietfontein.

3.1.2.2 Krelingspost 425JQ

Eleven diamond drilled boreholes are planned on Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of these Reefs.

The mineral distribution of the ore-body is to be determined by diamond core drilling, core logging, sampling and assaying of the drill core.

The relevant lithological, structural and assay information of each borehole will be collected according to EP's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise.

Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr₂O₃ and Fe₂O₃ will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility located at EM. All geological information collected from the borehole logs will be stored in digital format in a database.

A table listing the planned prospecting boreholes is inserted below (Table 4) followed by a locality plan indicating the borehole positions (Figure 7).

Table 4: Planned diamond drilling activity on portions of Krelingspost

FARM	PORTION	PLANNED BHOLE	X	Y	Z	FINAL DEPTH	TARGET
KRELINGSPOST 425JQ	PTN 2	K_P01	95034	-36853	1234	180	MR, UG2
KRELINGSPOST 425JQ	PTN 80	K_P02	95406	-36500	1233	175	
KRELINGSPOST 425JQ	PTN 76	K_P03	95559	-36384	1235	180	
KRELINGSPOST 425JQ	PTN 75	K_P04	95835	-36269	1237	340	MR, UG2, UG1
KRELINGSPOST 425JQ	PTN 74	K_P05	96166	-36153	1241	250	
KRELINGSPOST 425JQ	PTN 73	K_P06	96525	-35927	1247	440	MR, UG2
KRELINGSPOST 425JQ	PTN 3	K_P07	94876	-36817	1232	230	MR, UG2
KRELINGSPOST 425JQ	PTN 79	K_P08	95083	-36527	1231	290	MR, UG2
KRELINGSPOST 425JQ	PTN 70	K_P09	95421	-36298	1235	270	MR, UG2
KRELINGSPOST 425JQ	PTN 71	K_P10	95674	-36210	1236	250	MR, UG2
KRELINGSPOST 425JQ	PTN 72	K_P11	95978	-36124	1238	260	MR, UG2
						2865	

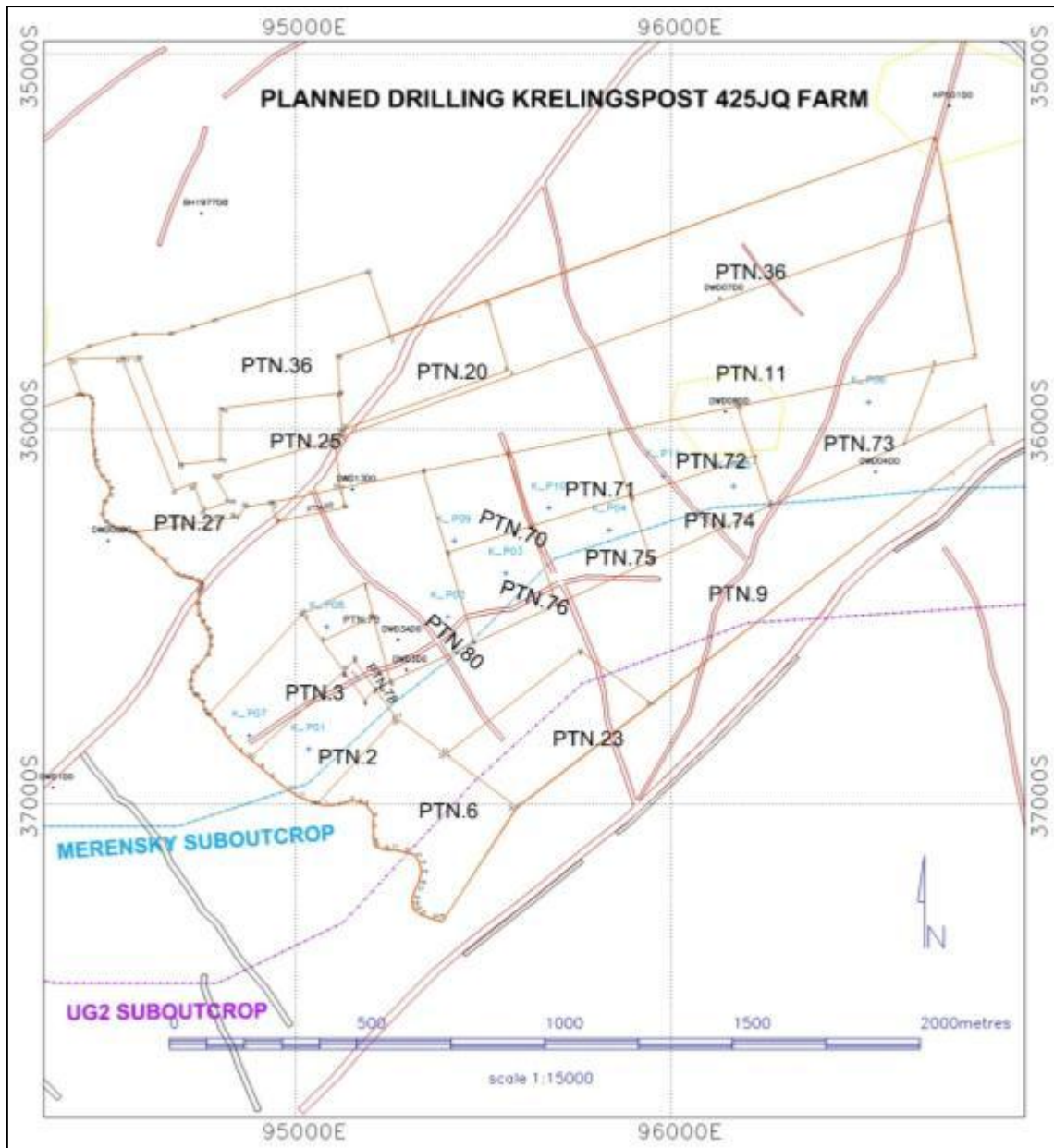


Figure 7: Planned exploration boreholes on Krelingspost

3.2 Description of the activities to be undertaken

(Describe Methodology or technology to be employed, and for a linear activity, a description of the route of the activity).

The purpose of this application is to obtain an EA from the DMR to authorise undertaking prospecting activities on certain farm portions, known as the Proposed Schietfontein and Krelingspost Prospecting Area.

The Proposed Schietfontein and Krelingspost Prospecting Area is to the east of the existing EM, over which two mineral rights are held, namely the Zilkaatsnek Mining

Right (DMR Reference. No: NW 30/5/1/2/2/341MR) and Elandsfontein Mining Right (DMR Ref. No: NW 30/5/1/2/2/280MR), (collectively the "**Mining Rights**"). The Prospecting Right Application's main objective is to obtain a prospecting right to undertake the Proposed Project and better understand the structural complexity of the Bushveld Igneous Complex ("**BIC**") to the east of EM.

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to understanding the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky, UG2 and UG1 Reefs.

The mineral distribution of the orebody will be determined by core logging, sampling and assaying of the drill core.

The Proposed Project: (i) will comprise of prospecting activities and vegetation clearance; and (ii) may require / entail widening of an existing road and / or impacting on land within 32m of a watercourse.

Each drill site will be demarcated (e.g. temporary fence, barrier, etc.) and only EP's personnel, contractors or their representatives will be allowed to enter the drill site. Diamond core drilling will be conducted within the Proposed Schietfontein and Krelingspost Prospecting Area. The drill rigs will be wheel mounted, with outriggers to stabilize the rigs. The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages. The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Prospecting Area after the drilling and disposed at an approved dumping site.

The drilled core will be packed into core trays, which will be removed from the site and transported to EM for further processing. A geological report will be compiled, containing all the historical and current data, geological modelling outcomes, resource estimations, conclusions and recommendations for any possible further investigations and exploratory work.

Table 5: List of proposed activities

NAME OF ACTIVITY (All activities including activities not listed)		LISTED ACTIVITY Mark with an X where applicable or affected.	APPLICABLE LISTING NOTICE (GNR 544, GNR 545 or GNR546)/NOT LISTED
1. Establishment of twenty-two drill sites with sumps and parking for the drill rig, equipment storage, water storage, waste bins and portable toilets.		N/A	Not listed
2. Parking for the excavator, equipment storage, water storage, waste bins and portable toilets.		N/A	Not listed
3. Twenty-two (22) diamond drilled boreholes are planned across the Proposed Schietfontein and Krelingspost Prospecting Area. An average footprint of 90m ² will be disturbed for the drilling operation at each location (total footprint of 1980m ²). There are also temporary roads that will possibly have to be cleared to allow for access to the proposed drilling locations (total footprint of +/- 4 000m ² (inclusive of 1980m ²)).	+/- 4 000m ² (taking into account potential temporary access roads)	X	<p><u>Listing No. 1 – GNR 983</u></p> <p>• Activity 20</p> <p>Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the MPRDA, including-</p> <p>(a) associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource</p>
4. Vegetation will be cleared for the drilling sites and potentially for the temporary access roads. It is likely that the impacted vegetation will	+/- 4 000m ² (taking into account potential temporary	X	<p><u>Listing No. 3 – GNR 985</u></p> <p>• Activity 12 (h)</p> <p>The clearance of an area of 300m² or more of indigenous vegetation (except where such clearance of is</p>

include indigenous vegetation, as the Proposed Schietfontein and Krelingspost Prospecting Area is within / near the Marikana Thornveld ecosystem and is situated in a critical biodiversity area ("CBA"), as per NWP Biodiversity Sector Plan ("BSP").	access roads)		required for maintenance purposes undertaken in accordance with a maintenance management plan) in the NWP on land situated within a CBA, as identified in systematic biodiversity plans adopted by the competent authority ("CA").
<p>5. It is not foreseen that any prospecting activities will be undertaken within 32m of a watercourse. However, provision is made to include this listed activity should this be required.</p> <p>The Proposed Project is within / near the Marikana Thornveld ecosystem and is situated in a CBA, as per the NWP BSP.</p> <p>The Magaliesberg Protected Natural Environment ("MPNE") is situated ± 3.1 km south of the Proposed Schietfontein and Krelingspost Prospecting Area. The Hartbeespoort Dam Nature Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and ± 0.2 km east of the Proposed Prospecting Area respectively. The prospecting area falls within the Magaliesberg</p>	<p>+/- 4 000m²</p> <p>(taking into account potential temporary access roads)</p>	X	<p><u>Listing No. 3 – GNR 985</u></p> <p>• Activity 14 (h)</p> <p>The development of infrastructure or structures with a physical footprint of 10m² or more; where such development occurs –</p> <p>(a) within a watercourse; or</p> <p>(c) if no development setback has been adopted, within 32m of a watercourse, measured from the edge of a watercourse in the NWP on land, where such land is situated within <i>inter alia</i>:</p> <ul style="list-style-type: none"> • a CBA, as identified in systematic biodiversity plans adopted by the CA; and • Areas within 5 kilometres from protected areas identified in terms of the National Environmental Management: Protected Areas Act (Act No. 57 of 2003) ("NEM:PAA") or from the core areas of a biosphere reserve.

Biosphere Reserve.			
<p>6. The proposed drilling localities have been determined and existing access roads will be used as far as possible. There will however potentially be a need to widen these roads to allow for access. The Proposed Project is within / near the Marikana Thornveld ecosystem and is situated in a CBA, as per the NWP BSP.</p> <p>The MPNE is situated ± 3.1 km south of the Proposed Schietfontein and Krelingspost Prospecting Area. The Hartbeespoort Dam Nature Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and ± 0.2 km east of the Proposed Prospecting Area respectively. The prospecting area falls within the Magaliesberg Biosphere Reserve.</p>	<p>$\pm 4\,000\text{m}^2$</p> <p>(taking into account potential temporary access roads)</p>	X	<p><u>Listing No. 3 – GNR 985</u></p> <ul style="list-style-type: none"> Activity 18 (h) <p>The widening of a road by more than 4m, or the lengthening of a road by more than 1Km, which occurs in a where such land is situated within <i>inter alia</i>:</p> <ul style="list-style-type: none"> a CBA, as identified in systematic biodiversity plans adopted by the CA; and Areas within 5 kilometres from protected areas identified in terms of the National Environmental Management: Protected Areas Act (Act No. 57 of 2003) ("NEM:PAA") or from the core areas of a biosphere reserve.

4. POLICY AND LEGISLATIVE CONTEXT

Table 6: Policy and legislative context of the proposed activity

APPLICABLE LEGISLATION AND GUIDELINES USED TO COMPILE THE REPORT	REFERENCE WHERE APPLIED	HOW DOES THIS DEVELOPMENT COMPLY WITH AND RESPOND TO THE LEGISLATION AND POLICY CONTEXT?
<p>1. <u>Constitution of the Republic of South Africa (Act No. 108 of 1996)</u></p> <p>In terms of section 24 of the Constitution of the Republic of South Africa (Act No.108 of 1996) (the "Constitution"), everyone has the right to an environment that is not harmful to their health or well-being and to have the environment protected, for the benefit of present and future generations, through reasonable legislation and other measures that prevent pollution and ecological degradation, promote conservation and secure ecologically sustainable development and use of natural resources, while prompting justifiable economic and social development. The needs of the environment, as well as affected parties, should thus be integrated into overall project management to fulfil the requirements of section 24 of the Constitution.</p>		<p><u>Applicability to the Proposed Project:</u></p> <p>The implications for the Proposed Project include the obligation to ensure that it: (i) will not result in significant pollution and / or ecological degradation; and (ii) is ecologically sustainable, while promoting justifiable economic and social development.</p>
<p>2. <u>National Environmental Management Act (Act No. 107 of 1998)</u></p> <p>The NEMA, as amended, contains a set of principles in Chapter</p>		<p><u>Applicability to the Proposed Project</u></p> <p>The EA Application has been submitted.</p>

<p>2 that govern environmental management. These principles must be adhered to and taken into consideration during the EA Application and the life cycle phases of the Proposed Project. The term 'environment' is defined in terms of NEMA as:</p> <p><i>"Environment means the surroundings within which humans exist and that are made up of –</i></p> <p><i>(i) the land, water and atmosphere of the earth;</i></p> <p><i>(ii) micro-organisms, plant and animal life;</i></p> <p><i>(iii) any part or combination of (i) or (ii) and the interrelationship among and between them; and</i></p> <p><i>(iv) the physical, chemical, aesthetic and cultural, properties and conditions of the foregoing that influence human health and wellbeing".</i></p> <p>Section 24(1) of the NEMA states:</p> <p><i>"In order to give effect to the general objectives of integrated environmental management laid down in this Chapter [Chapter 5], the potential consequences for or impacts on the environment of listed activities or specified activities must be considered, investigated, assessed and reported on to the competent authority or the Minister of Minerals and Energy, as the case may be, except in respect of those activities that may commence without having to obtain an environmental</i></p>		<p>The Duty of Care has been applied during the basic assessment process, through the consideration of potential impacts (cumulative, direct, and indirect). It will continue to apply throughout the life cycle of the Proposed Project.</p>
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<p><i>authorisation in terms of this Act.”</i></p> <p>Section 28 of the NEMA places a duty of care on all persons to prevent, limit or remediate any pollution or degradation of the environment (the "Duty of Care"). Section 28 applies to all activities taking place, and not solely focused on the listed activities being applied for.</p>										
<p>3. <u>EIA Regulations (GN R982 of 8 December 2014)</u> <u>(Describe the listed activities which occur as part of the Proposed Project)</u></p> <p>The EIA Regulations (published in GN R982 of Government Gazette 38282 on 8 December 2014 under section 24 of the NEMA), to manage the process, methodologies and requirements for the undertaking of an EA Application. The EIA Regulations stipulate that the applicant must appoint an independent EAP to manage the EA Application process where a development constitutes activity/ies listed in terms of GN R983, GN R984 and/or GN R985 (all published in Government Gazette 38282 of 8 December 2014 under section 24 of the NEMA) ("GN R983", "GN R984" and "GN R985" respectively).</p> <p>GN R982 defines two categories for undertaking an application for EA, namely the basic assessment process and the ‘full’ EIA process.</p> <p>Section 24C(2A) of NEMA indicates that where listed activities</p>		<p><u>Applicability to the Proposed Project:</u></p> <p>The drilling of twenty-two diamond drilled boreholes triggers a listed activity in terms of GN R983 and GN R985. Based on the regulatory requirements, a basic environmental assessment process must be undertaken in terms of GN R982.</p> <table><tr><th>Number and date of relevant notice</th><th>Activity No.</th><th>Description of each listed activity as per the GN.</th><th>Description of the proposed activities in relation to the listed activities being applied for.</th></tr><tr><td>GN. 983</td><td>20</td><td>Any activity, including the operation of that activity, which requires a prospecting right in terms of section 16 of the MPRDA, including- (a) associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource; or (b) the primary processing of a mineral resource</td><td>The Proposed Project will comprise of 22 diamond drilled boreholes over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to understanding the magnitude of the structural features,</td></tr></table>	Number and date of relevant notice	Activity No.	Description of each listed activity as per the GN.	Description of the proposed activities in relation to the listed activities being applied for.	GN. 983	20	Any activity, including the operation of that activity, which requires a prospecting right in terms of section 16 of the MPRDA, including- (a) associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource; or (b) the primary processing of a mineral resource	The Proposed Project will comprise of 22 diamond drilled boreholes over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to understanding the magnitude of the structural features,
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<p>are directly related to the extraction and primary processing of a mineral or petroleum resource the Minister of Mineral Resources is the CA or officials at the DMR to whom he has delegated his authority, being the Regional Managers.</p>				including winning, extraction, classifying, concentrating, crushing, screening or washing.	which currently prohibit a reliable resource estimation of the Merensky, UG2 and UG1 Reefs.
		GN R. 985	12(h)	The clearance of an area of 300 square metres or more of indigenous vegetation (except where such clearance is required for maintenance purposes undertaken in accordance with a maintenance management plan) in the NWP on land, where such land is situated within a CBA, as identified in systematic biodiversity plans adopted by the CA;	Vegetation will be cleared for the drilling sites and potentially for the temporary access roads. It is likely that the impacted vegetation will include indigenous vegetation, as the Proposed Schietfontein and Krelingspost Prospecting Area is within the Marikana Thornveld ecosystem and is situated in a CBA as per the NWP BSP.
		GN R. 985	14(h)	<p>The development of infrastructure or structures with a physical footprint of 10m² or more, where such development occurs-</p> <p>(a) within a watercourse;</p> <p>(c) if no development setback has been adopted, within 32m of a watercourse, measured from the edge of a watercourse in the NWP on land, where such land is situated within <i>inter alia</i>:</p> <p>(i) a CBA, as identified in systematic biodiversity plans adopted by the CA; or</p> <p>(ii) b) 5 kilometres from protected as identified in terms of the NEM:PAA or from the core areas of a</p>	<p>It is not foreseen that any prospecting activities will be undertaken within 32m of a watercourse. However, provision is made to include the listed activity should this be required. The Proposed Project is within / near the Marikana Thornveld ecosystem and is situated in a CBA as per the NWP BSP.</p> <p>The MPNE is situated ± 3.1 km south of the Proposed Schietfontein and Krelingspost Prospecting Area. The Hartbeespoort Dam Nature Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and</p>

				biosphere reserve.	± 0.2 km east of the Proposed Prospecting Area respectively. The prospecting area falls within the Magaliesberg Biosphere Reserve.
		GN R. 985	18(h)	<p>The widening of a road by more than 4m, or the lengthening of a road by more than 1Km, in the NWP on land, where such land is situated within <i>inter alia</i>:</p> <p>(i) a CBA, as identified in systematic biodiversity plans adopted by the CA; or</p> <p>(ii) b) 5 kilometres from protected as identified in terms of the NEM:PAA or from the core areas of a biosphere reserve.</p>	<p>The proposed drilling localities have been determined and existing access roads will be used as far as possible. There will however potentially be a need to widen these roads to allow for access. The Proposed Activities is within / near the Marikana Thornveld ecosystem and is situated in a CBA, as per the NWP BSP.</p> <p>The MPNE is situated ± 3.1 km south of the Proposed Schietfontein and Krelingspost Prospecting Area. The Hartbeespoort Dam Nature Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and ± 0.2 km east of the Proposed Prospecting Area respectively. The prospecting area falls within the Magaliesberg Biosphere Reserve.</p>
4. <u>National Environmental Management: Air Quality</u>		<u>Applicability to the Proposed Project:</u>			

<p><u>Act (Act No. 39 of 2004)</u></p> <p>The National Environmental Management: Air Quality Act (Act No. 39 of 2004) ("NEM:AQA") was implemented on 24 February 2005 and reforms the law regulating air quality, in order to protect the environment by providing: (i) reasonable measures be implemented for the prevention of pollution and ecological degradation and securing ecologically sustainable development while promoting justifiable economic and social development; and (ii) for national norms and standards regulating air quality monitoring, management and control by all spheres of government; for specific air quality measures; and for matters incidental thereto.</p> <p>On 22 November 2013 the List of Activities which result in Atmospheric Emissions which have or may have a significant detrimental effect on the environment, including health, social conditions, economic conditions, ecological conditions or cultural heritage was published under GN R893 in Governmental Gazette No 37054, in terms of section 21(1)(b) of the NEM:AQA (GN R893) thereby repealing the previous list of activities which were promulgated on 31 March 2010.</p>		<p>No activity listed GN R893 is applicable to the Proposed Project.</p> <p>The Proposed Schietfontein and Krelingspost Prospecting Area falls within the Waterberg-Bojanala National Priority Area ("NPA"), as contemplated in section 18(1) of NEMAQA.</p>
<p><u>5. National Environmental Management: Biodiversity Act (Act No. 10 of 2004)</u></p> <p>In line with the Convention on Biological Diversity, the National</p>		<p><u>Applicability to the Proposed Project:</u></p> <p>The Proposed Project will take place on degraded, cultivated fields and natural open areas. No critical endangered ecosystems are</p>

<p>Environmental Management: Biodiversity Act (Act No. 10 of 2004) ("NEM:BA") aims to legally provide for biodiversity conservation, sustainable use and equitable access and benefit sharing. NEM:BA creates a basic legal framework for the formation of a national biodiversity strategy and action plan and identification of biodiversity hotspots and bioregions, which will then be given legal recognition.</p> <p>It imposes obligations on landowners (state or private) governing alien invasive and regulates the introduction of genetically modified organisms. The NEM:BA ensures that provision is made by the site developer to remove any aliens which have been introduced to, or are present on, the site.</p> <p>NEM:BA also provides for listing of threatened or protected ecosystems, in one of four categories: critically endangered, endangered, vulnerable or protected. Threatened ecosystems are listed to reduce the rate of ecosystem and species extinction by preventing further degradation and loss of structure, function and composition of threatened ecosystems. The purpose of listing protected ecosystems is primarily to conserve sites of exceptionally high conservation value.</p>		<p>located within the area, however the prospecting area falls within the vulnerable Marikana Thornveld Ecosystem.</p>
<p>6. <u>National Environmental Management: Waste Act (Act No. 59 of 2008)</u></p> <p>The NEM:WA was implemented on 1 July 2009 and section 20</p>		<p><u>Applicability to the Proposed Project:</u></p> <p>No listed activities in terms of GN R921 are anticipated for the Proposed Project.</p>

<p>of the Environment Conservation Act (Act No. 73 of 1989) ("ECA"), under which waste disposal sites was previously governed, was repealed.</p> <p>The objectives of NEM:WA involve the protection of health, wellbeing and the environment by providing reasonable measures for the minimisation of natural resource consumption; avoiding and minimising the generation of waste; reducing, recycling and recovering waste; and treating and safely disposal of waste as a last resort.</p> <p>In terms of the NEM:WA, all waste management activities must be licenced. According to section 44 of the NEM:WA, the licensing procedure must be integrated with an EIA process in terms of the NEMA. GN R921, published under NEM:WA in <i>Government Gazette</i> 37083 on 29 November 2013 contains the list of waste activities that requires a waste management licence ("GN R921").</p>		<p>Waste handling, storage and disposal during operation are required to be undertaken in accordance with the requirements of the Act, as has been detailed in the EMPr.</p>
<p><u>7. National Heritage Resources Act (Act No. 25 of 1999)</u></p> <p>The protection and management of South Africa's heritage resources are regulated by the National Heritage Resources Act (Act No. 25 of 1999) ("NHRA"). The national enforcing authority for the NHRA is the South African Heritage Resources Agency ("SAHRA"). In terms of the NHRA, historically important</p>		<p><u>Applicability to the Proposed Project:</u></p> <p>Based on the desktop survey of specialist studies conducted in the area no heritage resources of significance are present on the Proposed Schietfontein and Krelingspost Prospecting Area.</p>

<p>features such as graves, archaeology and fossil beds are protected. Similarly, culturally significant symbols, spaces and landscapes are also afforded protection. Permits are required to damage or destroy such heritage resources, unless the provisions of section 38(8) of NEMA are followed.</p>		
<p>8. <u>National Water Act (Act No. 36 of 1998)</u></p> <p>The National Water Act (Act No. 36 of 1998) ("NWA") is the primary regulatory legislation, controlling and managing the use and pollution of water resources. It provides for fundamental reformation of legislation relating to water resource use. The NWA's preamble recognises that the: (i) ultimate aim of water resource management is to achieve sustainable use of water for the benefit of all users; and (ii) protection of water resources' quality is necessary to ensure sustainability of the nation's water resources in all water users' interests. The NWA's purpose is stated in section 2 and enforced by the Department of Water and Sanitation ("DWS"). The NWA's principles are set out in section 2 and include the following:</p> <ul style="list-style-type: none"> • <i>Promoting the efficient, sustainable and beneficial use of water in the public interest;</i> • <i>Facilitating social and economic development;</i> • <i>Protecting aquatic and associated ecosystems and their biological diversity;</i> • <i>Reducing and preventing pollution and degradation of</i> 		<p><u>Applicability to the Proposed Project:</u></p> <p>The Proposed Project for the drilling of diamond drilled boreholes may potentially require a General Authorisation in terms of the NWA, 1998. This is due to the fact that some of the drilling sites might potentially be situated within 100m of the 1 in 100 year floodline of the non-perennial stream that traverses between the Schietfontein and Krelingspost Farm boundary.</p>

<p><i>water resources; and</i></p> <ul style="list-style-type: none"> • <i>Meeting international obligations.</i> <p>The NWA presents strategies to facilitate sound management of water resources; provides for the protection of water resources; and regulates use of water by means of Catchment Management Agencies, Water User Associations, Advisory Committees and International Water Management. As the NWA is founded on the principle that government has overall responsibility for and authority over water resource management, including the equitable allocation and beneficial use of water in the public interest, an industry (including mines) can only be entitled to use water if it has an entitlement for such use under the NWA.</p>		
<p>9. <u>Mineral and Petroleum Resources Development Act (Act No. 28 of 2002)</u></p> <p>The MPRDA's main objective is to recognise the State as the custodian over all the mineral and petroleum resources in South Africa and promote equitable access to the country's resources. It allows for previously disadvantaged persons to enter the minerals and petroleum industry and benefit from the exploitation of the country's minerals. This is done through the focus on job creation in the mining industry for previously disadvantaged people. The MPRDA ensures that holders of</p>		<p><u>Applicability to the Proposed Project:</u></p> <p>A prospecting right application for the Proposed Project was submitted by EP to the DMR as the CA.</p>

<p>existing and new mining rights contribute towards the socio-economic development in the areas in which they operate, promoting economic growth, employment and advance the social- economic welfare of all South Africans.</p> <p>A prospecting right is required to be granted by the DMR for prospecting activities relating to mineral resources.</p>		
<p>10. <u>Mine Health and Safety Act (Act No. 29 of 1996)</u></p> <p>The Mine Health and Safety Act (Act No. 29 of 1996) ("MHSA") aims to provide for protection of the health and safety of all employees and other personnel at South African mines. Its main objectives are:</p> <ul style="list-style-type: none"> • Protection of the health and safety of all persons at mines; • Requiring employers and employees to identify hazards and eliminate, control and minimise the risks relating to health and safety at mines; • Giving effect to the public international law obligations of South Africa that concern health and safety at all mines; • Providing for - <ul style="list-style-type: none"> ○ employee participation in matters of health and safety through health and safety representatives and the health and safety committees at mines; 		<p><u>Applicability to the Proposed Project:</u></p> <p>EP will need to ensure that the MHSA is adhered to on Proposed Schietfontein and Krelingspost Prospecting Area by employees, contractors, sub-contractors and visiting personnel. This is especially pertinent during the operational phase of the Proposed Project.</p>

<ul style="list-style-type: none"> ○ effective monitoring of health and safety conditions at mines; ○ enforcement of health and safety measures at mines; ○ investigations and inquiries to improve health and safety at mines; and • To promote: <ul style="list-style-type: none"> ○ a culture of health and safety in the mining industry; ○ training in health and safety in the mining industry; and ○ co-operation and consultation on health and safety between the State, employers, employees and their representatives. 		
<p>11. <u>Conservation of Agricultural Resources Act (Act No. 43 of 1983)</u></p> <p>The CARA aims to provide for control over the utilisation of natural agricultural resources, including: promoting the conservation of soil, water resources and vegetation; and combatting weeds and invader plants. It makes provision for control measures to achieve the CARA's objectives relating to <i>inter alia</i>:</p> <ul style="list-style-type: none"> • Cultivation of virgin soil; • Utilisation / protection of wetlands, marshes, water 	<p><i>Refer to point 11 in table 6.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The Proposed Project will take place on degraded, cultivated fields and natural open area and EP will take cognisance of the requirements of CARA, where applicable.</p>

<p>sponges, watercourses / sources;</p> <ul style="list-style-type: none"> • Regulating of the flow pattern of run-off water; • Utilisation and protection of vegetation; • Grazing capacity of veld and the number and type of animals; • Control of weeds and invader plants; and • Restoration or reclamation of eroded land or land which is disturbed or denuded. 		
<p>12. <u>Hazardous Substance Act (Act No. 15 of 1973)</u></p> <p>The Hazardous Substances Act (Act No. 15 of 1973) ("HSA") provides for the:</p> <ul style="list-style-type: none"> • Control of substances which may cause injury or ill-health to or death of human beings by reason of their toxic, corrosive, irritant, strongly sensitizing or flammable nature or the generation of pressure thereby in certain circumstances; • Control of certain electronic products; • Division of such substances or products into groups in relation to the degree of danger; • Prohibition and control of the importation, manufacture, sale, use, operation, application, modification, disposal or dumping of such substances and products; and • Matters connected therewith. 	<p><i>Refer to point 12 in table 6.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>EP will take cognisance of the requirements of the HSA in relation to hazardous substances that may be used for the Proposed Project. It is not anticipated that significant volumes of hazardous substances will be used.</p>

<p>13. <u>Promotion of Access to Information Act (Act No. 2 of 2000)</u></p> <p>The Promotion of Access to Information Act (Act No. 2 of 2000) ("PAIA") recognises that everyone has a right of access to any information held by the State; and another person when that information is required to exercise or protect any right. PAIA's purpose is to promote transparency and accountability in public and private bodies and a society in which people have access to information that enables them to exercise and protect their rights.</p>	<p><i>Refer to point 13 in table 6.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>GN R982 contains regulations pertaining to public involvement and the provision of <i>inter alia</i> BARs to I&APs to enable public comment. These Regulations will be adhered to during the PPP. However, the PAIA will also be considered and adhered to.</p>
<p>14. <u>Provincial and Municipal Bylaws</u></p> <p>The MLM, BPDM and NWP has developed local bylaws, provincial legislation and various policies relating to waste disposal, water, economic development, air quality etc.</p>	<p><i>Refer to point 14 in table 6.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The following provincial legislation, municipal bylaws and policies are applicable to EP:</p> <ul style="list-style-type: none"> ➤ Spatial Development Framework ("SDF"), 2016: NWP; ➤ MLM: Air Quality Management By-Laws, 2013; ➤ MLM: Waste Management By-Laws, 2008; ➤ MLM: Storm water management By-laws, 2013; and ➤ MLM: Water & Sanitation By-Laws, 2015. <p>EP will ensure that such policies, provincial legislation and bylaws, are adhered to during the Proposed Project's commencement and operation.</p>

<p>15. <u>Guidelines</u></p> <p>In addition to the abovementioned Acts and their associated Regulations, the following guidelines and reports have been taken cognisance of during the application process:</p> <ul style="list-style-type: none"> • BPDM Integrated Development Plan ("IDP"), 2012. • BPDM SDF, 2016. • MLM IDP, 2017-2018. • Madibeng Environmental Management Framework, 2009. • SANS 10103 of 2008. • SANS 10210 of 2004. • NEMA Implementation Guidelines: Sector Guidelines for Environmental Impact Assessment Regulation (published under GN 654 in GG 3333 of 29 June 2010). • DEA (2011); A user friendly guide to the National Environmental Management: Waste Act, 2008. South Africa, Pretoria. • DEA (2017) Guideline on Need and Desirability. • Department of Environmental Affairs and Tourism (2004): Criteria for determining Alternatives in EIA, Integrated 	<p><i>Refer to point 15 in table 6.</i></p>	<p><u>Applicability to the project:</u></p> <p>EP will ensure that such policies and standards, as far as possible, are adhered to during the Proposed Project.</p>
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<p>Environmental Management, Information Series 11.</p> <ul style="list-style-type: none"> Guideline for Implementation: Public Participation in the EIA Process (published in under GN 807 in GG 35769 of 10 October 2012). 		
<p>16. <u>EP Health, Safety, Environmental and Community Policy (HSEC) and Emergency preparedness and response plan</u></p> <p>A copy of EP's HSEC Policy can be found under Appendix 5.</p>	<p><i>Refer to point 16 in table 6.</i></p>	<p><u>Applicability to the project:</u></p> <p>EP will ensure that its HSEC Policy is adhered to during the Proposed Project's operational phase.</p>

5. NEED AND DESIRABILITY OF THE PROPOSED ACTIVITIES.

(Motivate the need and desirability of the proposed development including the need and desirability of the activity in the context of the preferred location).

Northam is an independent, fully empowered, mid-tier and integrated PGM producer. It currently has two operating assets, Zondereinde and Booyssendal Mines (owned by Northam and Booyssendal Platinum (Pty) Ltd ("**Booyssendal**") respectively, in addition to the recently acquired EM. EP will take leverage off Northam and Booyssendal for their technical competence and experience in the commencement of its operations. All three operations are PGM mines in the South African BIC.

EM, acquired by EP in 2018, is operated under the two Mining Rights (resource estimated at 21.3 Moz 4E) with fully developed, world-class surface infrastructure. It is located on the south-eastern limit of the western limb of the BIC. Having commenced initial operations in 2007, the previous operator placed the mine under care and maintenance in 2015. Following EP's acquisition, EM was under care and maintenance and the re-establishment of the operation in 2019 as a PGM production unit with a 30-year life.

EM was previously operated as a board and pillar, fully mechanised mine. EP intends to change the mining method to a conventional hybrid type mining. This is expected to increase the previous forecast life of mine ("**LOM**").

The EM infrastructure includes two decline shaft systems (Kukama and Nyala), opencast sections, workshops and stores, overburden rock and topsoil dumps, opencast mining pits, Concentrator Plant, water management infrastructure (i.e. dams, channels and pipelines), WWTP and WTP, TSF (four Paddocks), offices and auxiliaries (i.e. mine clinic, laboratory, training centre, etc.), recreational area (Game Farm), agricultural fields, and haul and internal roads.

The probable need and desirability for the Proposed Project have been identified as the following:

a) Economic benefit

The Proposed Project has economic benefits for South Africa due to local socio-economic benefits from job creation; capital expenditure on contractors, materials and equipment; and potentially increasing platinum production in the BIC area.

b) Job Creation

The Proposed Project would have a beneficial impact on the local economy through the creation of new employment opportunities during its operational phase. Both skilled and unskilled temporary employment opportunities would be created through the Proposed Project. In a developing country, such as South Africa, following a “no-project” option would have potential adverse impacts on a local and regional employment scale.

As mentioned earlier, the Proposed Project could increase the mining potential of the area, which may potentially result in employment opportunities.

5.1 Description of the process followed to reach the proposed preferred site.

NB!! – This section is not about the impact assessment itself; It is about the determination of the specific site layout having taken into consideration (1) the comparison of the originally proposed site plan, the comparison of that plan with the plan of environmental features and current land uses, the issues raised by interested and affected parties, and the consideration of alternatives to the initially proposed site layout as a result.

As mentioned previously, the Proposed Project will be located on portions of Schietfontein and Krelingspost. The site selection was done by taking cognisance of the following factors:

- Location of existing disturbed footprints;
- Existing and future infrastructure and servitudes e.g. future plant upgrades etc.;
- Position in relation to other mine infrastructure;
- Distance from the Concentrator Plant;
- Area and footprint available for the Proposed Project;
- Environmental and social constraints;
- General topography;
- Geology of the Proposed Schietfontein and Krelingspost Prospecting Area;

- Surface geotechnical conditions in the footprint zone;
- Geohydrology features and optimal resource locations;
- Watercourse locations;
- Land use;
- Burial and archaeological sites; and
- Proximity to settlements.

5.2 Details of all alternatives considered.

With reference to the site plan provided as Appendix 4 and the location of the individual activities on site, provide details of the alternatives considered with respect to:

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

5.2.1 Location Alternatives

No location alternatives were identified, as the location of the Proposed Project is determined on initial assessment of the geological data available. This data suggests that chromite and other PGMs might be found in the identified area.

5.2.2 Access Route Alternative

No alternatives were considered for the access roads, as the intention is to make use of existing access roads as far as possible. This will reduce the Proposed Project's impact / environmental footprint. There will however potentially be a need to widen these roads to allow for access.

5.2.3 Design/ Layout

Since no complicated surface infrastructure will be required for the Proposed Project, no design and layout alternatives were assessed.

5.2.4 Operational Alternatives

Diamond drilling/ core-drilling methods - Core drilling techniques uses diamond drilling methods. A hollow cylindrical drill bit, filled with industrial diamonds, is attached to a series of metal drill rods and rotated under controlled downward pressure. A circle of rock is ground away; the cutting removed by water flushing; and a cylindrical core remains in the hollow centre of the drill string. Core drilling is the only satisfactory means of obtaining representative samples of seams at depth for quality determination.

An alternative to core drilling is non-core drilling. This technique uses rotary drilling methods. In this technique, a string of metal rods is rotated axially and a bit at the base of the string is forced downward, under controlled pressure, breaking up the ground and advancing the hole's depth. Cuttings are swept away from the bit and lifted to the surface either by pumped circulating water or jets of compressed air. Logging of the hole drilled by non-core drilling methods is mainly based on the cuttings obtained as the drill progresses. In view of the difficulty and error bound logging, this drilling method was discarded and may be used only for infill drilling wherever necessary.

The preferred drilling methods will therefore be the core drilling technique, using the diamond drill.

6. DETAILS OF THE PUBLIC PARTICIPATION PROCESS FOLLOWED

Describe the process undertaken to consult interested and affected parties including public meetings and one on one consultation. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. (Information to be provided to affected parties must include sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land.

The PPP undertaken during the project announcement phase and DBAR commenting period was conducted in line with Regulations 39 to 44 of the EIA Regulations.

The following steps were taken during the PPP to inform stakeholders and I&APs (Evidence of PPP conducted is appended under ***Appendix 6 – Stakeholder Consultation Report***):

Details of the public participation process included the followed:

- A2 notices notifying the public of the Proposed Project and EA Application process, and inviting them to register as I&APs, were placed at the following locations:
 - Site Entrance at EM;
 - Madibeng Local Library;
 - Mmakau Police Station;
 - De Wildt Shopping complex on the corner of the R566 and the M21
 - Moumong Store in Mmakau;
 - Dirt access road accessed from the M21 leading to the prospecting area; and
 - Dirt access road accessed from the R556 leading to the prospecting area.
- Public notices were hand delivered, and sent via registered mail and email to the following stakeholders and I&APs:
 - Landowners;
 - Neighbouring landowners;
 - Surrounding communities;
 - Farmers working groups;
 - Residents associations (i.e. VTSD and Polonia CPA);
 - Stakeholders (i.e. SAHRA, Eskom, Tribal Authorities and Commission on Restitution of Land Rights);
 - Ward Councillors;
 - MLM;
 - BPDM;
 - NWDREAD;
 - DEFF;
 - DWS.
- An advertisement was placed in the Beeld on 2 July 2019 and the Brits Pos on 5 July 2019.
- Telephonic correspondence and one-on-one meetings were held with various landowners, the De Wild Farmers Association and De Wildt Helpmekaar Organisation.

- The DBAR was available from 4 July to 4 August 2019 for I&APs to comment at the following locations:
 - Site Entrance of the EM;
 - Madibeng Local Library;
 - Mmakau Police Station;
 - De Wildt Helpmekaar Organisation Offices; and
 - Moumong Store in Mmakau.
- The DBAR was also be uploaded to the CHEMC Environmental website for I&AP's to download.
- The I&APs Register was compiled using the existing stakeholder database from EP. The I&APs Register was continuously updated as necessary (i.e. with new contact details, new I&APs etc.). All comments received from the I&APs during the project announcement phase have been incorporated into the FBAR.

The main comments and concerns raised during the DBAR commenting and PPP has been captured in the Stakeholder Consultation Report (Appendix 6 hereto). The major concerns relate to the following:

- Impact of Proposed Project on existing and future land uses (e.g. the De Wildt Solar Farm, Kroon Poultry Operations, Q4 Filling Stations, grass sod farm and Envirocycle).
- Potential impact of dust generated from the Proposed Project on surrounding agricultural activities and the De Wildt Solar Farm.
- Potential impact of the Proposed Project on the groundwater of farmers.
- Need to undertake further specialist work.
- Potential influx of criminal activity.

With reference to the comments received from I&APs to date and requested / suggested focus group meetings, it is proposed that further consultation with Stakeholders be undertaken. A request for extension of the PPP has been submitted to the DMR North-West Region with this FBAR. As such, CHEMC Environmental intends to make the FBAR available from 5 August 2019 for review and comment.

6.1 Summary of issues raised by I&AP's

(Complete the table summarising comments and issues raised, and reaction to those responses)

Table 7: Table summarising comments and issues raised, and responses thereto

Interested and Affected Parties		Date Comments Received	Issues raised	EAP's Response to the issues raised	Reference Section and paragraph reference in this report where the issues and or response were incorporated.
Affected Parties					
1. Landowners and Occupants					
<ul style="list-style-type: none"> FJ Strauss & L Strauss Die Gras Plaas <p>(owners of the Remaining Extent of Portion 5 and Portions 24, 27, 28, 33 and 34 of Schietfontein)</p>	X	3 July 2019	<p><u>Meeting held with Mr Strauss</u> Indicated the following points:</p> <ul style="list-style-type: none"> Solar Farm will be constructed on Portions 15, 27 and 28 of Schietfontein. Owners of the Solar Farm have a long-term lease with him on Portions 27 and 28 of Schietfontein. EP will need to negotiate regarding a fee to drill on his properties. There was a land claim on the Farm Schietfontein Nkwe platinum had prospected on his farm portion in the past. 	<p><u>CHEMC Environmental response:</u></p> <ul style="list-style-type: none"> The company responsible for the Solar Farm was informed of the prospecting application and will be further consulted. EP will liaise further with the landowners after a decision has been made on the Prospecting Right Application. Noted and the Commission on Restitution of Land Rights were notified of the Prospecting Right Application for the Proposed Project. Noted. 	<ul style="list-style-type: none"> Section 6 Appendix 6 Meeting held on 3 July 2019 Registered Letter Sent Details captured in the I&AP Register.
<ul style="list-style-type: none"> MN Ras <p>(owner of the Remaining Extent of Portion 32 and Portion 35 of Schietfontein)</p>	X			Has been notified.	<ul style="list-style-type: none"> Section 6 Appendix 6 Registered Letter Send Details captured in the I&AP

<ul style="list-style-type: none"> RG Jacobs <p>(owner of the Remaining Extent of Portion 99 of Schietfontein)</p>	X				Register.
<ul style="list-style-type: none"> JJR Van der Merwe and JJ Van der Merwe <p>(owners of Portion 100 of Schietfontein)</p>	X	4 July 2019	<p><u>Email received on 4 July 2019 from Mev Ruddeck</u></p> <p>Goeie dag.</p> <p>Hierdie is nie die kontak details vir die eienaar van gedeelte 100 SCHIETFontein nie.</p> <p>Die eienaar is mnr JJ van der merwe. Hy is ñ pensionaris en is nie in staat om dokumente te besigtig by al die genoemde plekke nie.</p> <p>Ek stel dus voor dat u of u afgevaardigde ñ afspraak maak met hom en u dokumente saamneem sodat hy kan insig kry daarin.</p> <p>Sy kontak nommer is 0760261591. Geliewe ontvangs te erken op hierdie epos.</p> <p>Met dank.</p> <p>Mev Ruddeck</p>	<p><u>CHEMC Environmental response on 4 July 2019:</u></p> <p>Goeie dag mev Ruddeck,</p> <p>Baie dankie vir u epos. Ons het u kontak besonderhede by die De Wild Helpmekeer Maatskappy gekry. Ons neem kennis van u versoek en sal sodoende 'n afspraak met Mr Van Der Merwe maak.</p> <p>Lekker dag.</p> <p>Mr J van der Merwe was contacted telephonically and confirmed that he had received the PPP documents and doesn't see the need for a meeting.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Letter Sent - Details captured in the I&AP Register.
<ul style="list-style-type: none"> Madala's Padmark CC <p>(owner of Portion 101 of Schietfontein)</p>	X			<p>Mrs R Bester was contacted telephonically and indicated that she had received the PPP documents via email and is not available for a meeting.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Letter Sent - Details captured in the I&AP Register.

<ul style="list-style-type: none"> Super Soya CC (owner of Portion 2 of Krelingspost) 	X	3 July 2019	<p><u>Meeting held with one of the directors of Super Soya (Mr Frik Kruger)</u></p> <p>Raised the following queries and concerns:</p> <ul style="list-style-type: none"> - What will the mine do with the drilled holes afterwards? - When will mining commence? - Concerned those third party contractors will result in potential increase in crime. 	<p><u>CHEMC Environmental response:</u></p> <ul style="list-style-type: none"> - EP is obligated to rehabilitate the drilling site and seal the holes - This application is only for prospecting work. Mining of the area will only commence once another full Scoping and EIA process has been completed and an application for a mining right is approved. This will potentially only occur after a number of years. - EP will liaise further with the landowners after a decision has been made on the Prospecting Right Application. - Concerns over potential influx in crime noted. 	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Meeting held on 3 July 2019 - Registered Letter Sent - Details captured in the I&AP Register.
<ul style="list-style-type: none"> Macal Farms CC (owner of Portion 3 of Krelingspost) 	X			<p>The farm foreman (Hannes Kemp) was telephonically contacted. Requested that the PPP information be emailed to him, which was done accordingly.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Letter Sent - Details captured in the I&AP Register.
<ul style="list-style-type: none"> Kreylingspost Nr 10 De Wildt Pty Ltd (owner of Portions 70, 71, 72, 74, 75, 76 and 79 of Krelingspost) 	X			<p>Has been notified.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Letter Sent - Details captured in the I&AP Register.

<ul style="list-style-type: none"> • Home Shopper CC / Envirocycle (Pty) Ltd (owner of Portion 73 of Krelingspost) 	X	30 July 2019	<p><u>Letter received from Nel and Claassen Attorneys (JD Nel) on behalf of Home Shopper CC / Envirocycle (Pty) Ltd</u></p> <p>We refer to the above matter and confirm that we are acting on behalf of HOME SHOPPER CC & ENVIROCYCLE (PTY) LTD. We have received the Landowners/Tenants Notification dated 3 July 2019 on behalf of our clients.</p> <p>Kindly provide us with an electronic copy of the Background Information Document and Draft Basic Assessment Report to: law@ncproks.co.za</p> <p>Kindly take note that HOME SHOPPER CC is the registered owner of the immovable property known as PORTION 73 (A PORTION OF PORTION 67) OF THE FARM KRELINGSPPOST 425, JQ, NORTH WEST. Take note further that ENVIROCYCLE (PTY) LTD is trading from this immovable property since 2001 as a recycling and disposal enterprise and has since grown into one of the largest dealers in South Africa specialising in Ferrous metal, Non-Ferrous metal, glass and recyclables.</p>	<p><u>CHEMC Environmental Response</u></p> <p>Good day Mr. Nel,</p> <p>Thank you for email. Please note we hereby acknowledge the receipt of the letter and the attached list of employees. Your comments and queries are noted and will be addressed in the Final Basic Assessment Report.</p> <p>We hereby inform you that your firm, Home Shopper CC, the listed employees and Envirocycle (Pty) Ltd have been registered as Interested and Affected Parties (I&AP's). Future correspondence and project updates will be shared with you when available.</p> <p>As requested please see attached the following documents:</p> <ul style="list-style-type: none"> • Draft Basic Assessment and Attachments • Background Information Document (BID). <p>Don't hesitate to contact us should you have any other questions or queries.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Letter Sent - Email Sent - Details captured in the I&AP Register.
<ul style="list-style-type: none"> • Corporate Flat CC (owner of Portion 80 of Krelingspost) 	X			<p>Macal Farms CC has the same postal address as Corporate Flat CC.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Letter Sent - Email Sent - Details captured in the I&AP Register.
2. Lawful Occupants					

<u>Samancor</u> (holder of a prospecting right over Portions 27 and 28 of Schietfontein for chrome in the MG and LG seams, with reference PR11613)	X			Has been notified.	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Letter Sent - Email Sent - Details captured in the I&AP Register.
<u>Easy Lawn</u>	X			Has been notified.	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Email Sent - Details captured in the I&AP Register.
<u>EL EM Skadugras</u>	X	10 July 2019	<p><u>Email received from Adele Du Toit</u></p> <p>Dear Stephan</p> <p>Thank you for the notice, kindly note that we would like register as interested and affected party in your application process. Our main concern is around the use of ground water and the negative impact it will have on our farming activities.</p> <p>Vriendelike groete / kind greetings</p> <p>Adèle du Toit Bestuurder / Manager eLeM Skadugras</p>	<p><u>CHEMC Environmental response in an email sent on 10 July 2019:</u></p> <p>Good day Me Du Toit,</p> <p>Thank you for your message and we hereby acknowledge the receipt thereof.</p> <p>Please note you have been registered as an interested and affected party (I&AP) and future correspondence will be directed to you.</p> <p>Your comments are noted and will be addressed in the Final Report.</p> <p>Don't hesitate to contact us should you have any questions or queries.</p>	<ul style="list-style-type: none"> - Section 6, 7, 8, 10 and EMPr - Appendix 6 - Registered Letter Sent - Email Sent - Details captured in the I&AP Register.

				<p><u>Impact on Groundwater:</u> The proposed diamond core drilling will comprise of a NQ "wire line" tube size of 75 mm.</p> <p>The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages.</p> <p>The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Prospecting Area after the drilling and disposed at an approved dumping site.</p> <p>The drill holes will be plugged and closed after drilling has been completed.</p> <p>As such, it has been concluded that the Proposed Project, involving non-intrusive drilling, will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts.</p> <p>Water for the drilling activities will be sourced from the EM. Refer to the EMPr for further details on the mitigation measures proposed.</p>	
Zolograph Investments (RF) (Pty) Ltd ("Zolograph") , developer that will be constructing a 50MW Solar Farm on Portions 15, 27 and 28 of Schietfontein	X	4 July 2019	<p><u>Email received from Stephnie Kot</u> I write to you on behalf of Zolograph Investments (RF) (Pty) Ltd ("Zolograph"), the owner of the De Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schietfontein 437 JQ. The De Wildt Solar PV Park was procured by the then Department of Energy ("DOE") in round 4 of the South African Government's Renewable Energy Independent Power Producer Procurement Programme, and is one of the strategic projects selected by the DOE to fulfil the Government's targets for the procurement of renewable energy. Zolograph has entered into a 20 year power purchase agreement with Eskom, in terms of which the energy generated by the De Wildt Solar PV Park will be purchased by Eskom and will form part of the country's national electricity supply. The De Wildt Solar Park is currently under construction</p>	<p><u>CHEMC Environmental Response</u> Good day Stephnie,</p> <p>Please see attached the Draft Basic Assessment Report and Annexures as per your request.</p>	<ul style="list-style-type: none"> - Section 6, 7, 8, 10 and EMPr - Appendix 6 - Registered Letter Sent - Email Sent - Details captured in the I&AP Register.

			<p>and is due to be fully operational in Q3 2020.</p> <p>Zolograph holds a valid Environmental Authorisation for the De Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schietfontein 437 JQ. Zolograph is further in possession of an approval from the Department of Mineral Resources, issued in terms of Section 53 of the Mineral and Petroleum Resources Act, for the development of the De Wildt Solar PV Park on Portions 15, 27 and 28 of the Farm Schietfontein 437-JQ.</p> <p>Based on the information provided below, it would appear that the proposed prospecting right area overlaps with the De Wildt Solar PV Park site. Prospecting activities on Portions 15, 27 and/or 28 of the Farm Schietfontein 437-JQ would be incompatible with the De Wildt Solar PV Park, and in addition prospecting (and future mining activities) in proximity to the De Wildt Solar PV Park will result in dust, vibration and other impacts that may have a significant negative impact on the De Wildt Solar Park.</p> <p>Please register me as an Interested and Affected Party for the above-referenced application, and provide me with electronic copies of the draft Basic Assessment Report and all appendices thereto. Zolograph will comment more fully once the BAR documentation has been received and reviewed in detail.</p> <p>I look forward to your response.</p>		
		2 August 2019	<p><u>Letter received from Zolograph Pty Ltd (Stephnie Kot) refer to Appendix 6 for a copy of the letter. Below represents a summary of the concerns raised:</u></p> <p>Zolograph Investments (RF)(Pty) Ltd ("Zolograph") is the owner of the 50MW De Wildt Solar Photovoltaic Renewable Energy Facility ("De Wildt Solar PV Park"), located on Portions 15, 27 and 28 of the Farm Schietfontein 437-JQ ("the Solar Park Properties"), in</p>	<p><u>CHEMC Environmental response:</u></p> <p>Thank you for your comments and concerns.</p> <p>1 – The comment is noted. The letter in question was however drafted by the previous owner of Eland Mine, namely Glencore Operations South Africa (GOSA). Eland Mine was purchased by Northam Platinum Limited (Northam) in February 2017 from GOSA. Prior to receipt of your objection, EP and Northam had no knowledge of the letter.</p>	

		<p>the Madibeng Local Municipality, North West Province. The Proposed Prospecting Area overlaps with the Solar Park Properties</p> <p><u>D. Zolograph Objection</u></p> <p>1. It is brought to your attention that Zolograph previously engaged with Eland Platinum Mine as part of the application process for the above-referenced DMR Consent, and that Eland Platinum Mine confirmed in writing that they have no objection to the development of the De Wildt Solar PV Park (refer to letter from Eland Platinum Mine dated 28 April 2016, attached hereto as Annexure B).</p> <p>2. At least two of the proposed drilling locations are located within the Solar Park Properties.</p> <p>3. Zolograph objects to the proposed prospecting on the grounds of the following:</p> <p>a) The De Wildt Solar PV Park is currently under construction and the Solar Park Properties will shortly be occupied by the infrastructure. It will be physically impossible for prospecting activities to take place on Portion 27 and Portion 28 of the Farm Schietfontein 437-JQ (which fall within the Proposed Prospecting Area) as the entire extent of the properties will shortly be occupied by arrays of PV panels located in close proximity to each other, together with associated infrastructure (underground cables, inverters etc.). Prospecting activities could not be physically accommodated on site, and in addition access to the Solar Park Properties is strictly controlled due to security, and health and safety reasons.</p> <p>b) Incompatible with existing Environmental Authorisation and other pre-existing, entrenched rights.</p> <p>Zolograph holds a number of existing, entrenched rights for the development and operation of the De Wildt Solar PV Park on the Solar Park Properties, which rights pre-date the current EA application by Eland Platinum. The proposed prospecting activities</p>	<p>2 – The comment is noted, and on the initial submission of the EA Application the title deeds in possession of the EM did not indicate long term lease agreements with other parties on Portions 27 and 28 of Schietfontein. EP and CHEMC Environmental agree that further discussions regarding the impact of Proposed Project on the said portions need to be undertaken. It is therefore that we propose that a focus group meeting be held to discuss the feasibility of undertaking prospecting activities on Portions 27 and 28.</p> <p>3 a, b, c, d, e and f – The potential impact of dust on the Solar Farm is noted, however it is important to note that the Solar Farm is located in close proximity of existing mining, agricultural, other businesses activities, major road networks and communities that will likely also contribute to the ambient dust fallout and Total Suspended Particulates (TSP) levels. These activities contribute sporadically to the ambient air quality due to the seasonal frequency of activities being implemented. A good example of this is the current construction activities undertaken by the N4 Bakwena and farmers ploughing lands for crop production.</p> <p>In light of the above the Proposed Project will be undertaken over a five year period. The activities will not be undertaken simultaneously on all properties comprising the Proposed Schietfontein and Krelingspost Prospecting Area. Thus the possible dust impact will be sporadic and temporary. The mitigation measures provided in the EMPr will likely minimise the possible impact on the Solar Farm. Possible additional mitigation measures can however be discussed with Zolograph.</p> <p>3 g). The comment is noted and as mentioned above under Condition 2b, further engagement and consultation between Zolograph and EP needs to be undertaken.</p>	
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			<p>be suitable for future mining. Mining activities within the Proposed Prospecting Area would present significant negative impacts to the De Wildt Solar PV Park, including but not limited to:</p> <ul style="list-style-type: none"> • Dust generation • Blasting and intensive earth-moving associated with mining activities • The use of chemicals could result in increased acidic conditions. <p>4. Mining activities in the vicinity of the De Wildt Solar PV Park would result in extreme and significant negative impacts that will likely jeopardize the future of this Government-procured, Strategic Integrated Project.</p> <p>5. Zolograph is open to engaging with CHEMC Environmental and Eland Platinum in order to identify workable solutions and to reach an acceptable mitigation and/or compensation agreement. We would welcome such interactions.</p>		
3. Adjacent properties					
• Jo-Fana Roses CC	X			Registered mail sent.	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Registered Mail Sent
• Republic of South Africa Government	X			Registered mail sent.	
• Salene Mining (Pty) Ltd	X			Registered mail sent.	
• Hernic Ferrochrome (Pty) Ltd	X	5 July 2019	<p><u>Email Received from Lesogo Raborifi</u></p> <p>Good day</p> <p>Please send me a copy of the draft Basic Assessment Report for my review.</p> <p>Regards</p> <p>Lesogo Raborifi</p>	<p><u>Email sent on 5 July 2019</u></p> <p>Good day Lesego,</p> <p>Thank you for your email.</p> <p>Please see attached the Draft Basic Assessment Report and EMPr. Please let me know what annexures you also require.</p> <p>Regards</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Email Sent - Details captured in the I&AP Register.

				Stephan Barkhuizen	
<ul style="list-style-type: none"> Polonia Schietfontein CPA 	X	2 August 2019	<p><u>Letter sent by the Polonia Schietfontein CPA</u></p> <p>Dear Sir</p> <p>We are a communal property association registered with the department of rural development and land reform, we represent more than 2000 beneficiaries, we currently own a portion of Krelingspost 425 JQ which is portion 6 measuring 14 hectares, it is a portion of a land which was claimed in 1998.</p> <p>We are commenting on the notice for prospecting rights which was issued on the 04/07/2019 for farm Schietfontein 437JQ and Krelingspost 425JQ. We are currently working with the department of rural development and land reform for north west to appeal a judgement that forced the department to withdraw other farms that were claimed, most of this farms including Schietfontein 437 JQ they have our ancestors grave yards, most farmers grow their vegetables to destroy evidence that there was occupation of black people, which violates our constitutional rights to human dignity.</p> <p>We believe that the proposed project is currently on the farm Schietfontein 437JQ and Krelingspost 425JQ which is less than 1 kilometres from our communal land, and there are graveyards within the areas intended to prospect and possibly mining in future, and our community is also entitled for job opportunities and business, however we are not consulted and we are asking for a meeting with you to seek information that will enable both business and job seekers to register and submit application necessary for them to gain access to employment and business which must be fair, inclusive, equitable and transparent.</p> <p>We are not against development, we are part of the community regardless of our land claim status. We humbly seek a meeting with you to get a better</p>	<p><u>Email sent by CHEMC Environmental</u></p> <p>Good day Mr. Moche,</p> <p>As per our telephonic correspondence earlier today.</p> <p>I hereby confirm our conversation regarding the proposed Schietfontein and Krelingspost Prospecting Right Application and the potential impact of the proposed activities on the property owned by the Polonia Community Property Association (CPA). I hereby confirm your request for a meeting to discuss the queries raised and additional information that you seek to provide on the meeting.</p> <p>As agreed we will have a meeting on Wednesday (8 August 2019) @ 10:00. We will meet at the De Wildt Filling Station on the corner of the R566 and M21.</p> <p>I will send a formal meeting request shortly. Kindly please acknowledge receipt of the email.</p> <p>You can contact me on:</p> <p>Stephan Barkhuizen</p> <p>Tel: 012 802 1002</p> <p>Cell: 082 639 9944</p> <p>Email: stephan@chemc.com</p> <p><u>CHEMC Environmental response</u></p> <p>Your comments are noted and will be discussed in detail on the focus group meeting that will be held on 7 August 2019.</p> <p>EP is aware of the graves situated on Portion 6 of Krelingspost, however the Proposed Project will not</p>	<ul style="list-style-type: none"> - Appendix 6 - Section 6, 7, 8 and 10 - EMPr - Registered as an I&AP.

			<p>understanding of a project as whole hence we were not represented on other community meetings, and two of our executive members must represent our community in such stakeholders meetings.</p> <p>We will propose to the department of rural development and land reform to consider its Framework for rural economic transformation model with regard to rural Enterprise development and share equity enterprise model to be proposed going forward.</p> <p>Sincerely</p> <p>Polonia Schietfontein CPA</p>	<p>be undertaken on the said portion.</p> <p>EP has notified the Commission on Restitution of Land Right of the Proposed Project and associated Prospecting Right Application.</p>	
<ul style="list-style-type: none"> J van Rensburg, owner of Portions 76, 90 and 91 of Schietfontein 	X	4 July 2019	<p><u>Email received from Mr J Van Rensburg</u></p> <p>Thank you for the invitation to be registered as a stakeholder/affected party to the intended process.</p> <p>I am the owner of Portion 76, 90 and 91 of the farm Schietfontein 437JQ. Any questions and or clarity, feel free to contact me.</p> <p>Regards.</p> <p>Hans van Rensburg</p> <p>082 551 5971</p>	<p><u>Email sent by CHEMC Environmental</u></p> <p>Good Morning Mr Van Rensburg,</p> <p>Thank you for your email.</p> <p>Please note you have been included on our Interested and Affected Party Register and will be notified of any future correspondence. Don't hesitate to contact me should you have any queries or questions.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Email Sent - Details captured in the I&AP Register.
4. <u>Municipal councillor</u>					
<ul style="list-style-type: none"> Ward 19 – Proposed Prospecting Area situated in this Ward. Mr TS Bogale 	X			Has been notified.	<ul style="list-style-type: none"> - Appendix 6 - Section 6 -
<ul style="list-style-type: none"> Ward 17 – Proposed Prospecting Area situated in 	X				

<i>this Ward. Mr TS Bogale</i>					
• <i>Ward 21 – Surrounding Ward Mr MW Motlhasedi</i>	X			<i>Has been notified.</i>	
• <i>Ward 18 – Surrounding Ward Mr Barney A Mabane</i>	X			<i>Has been notified.</i>	
• <i>Ward 20 – Surrounding Ward Mr Chris Seabi</i>	X			<i>Has been notified.</i>	
• <i>Ward 35 – Surrounding Ward Ms Nomsa Mogakamba</i>	X				
5. Municipality					
• <i>BDPM;</i>	X	3 July 2019		<i>DBAR and public notice mailed to BDPM for comment.</i>	- Section 6 - Appendix 6
• <i>MLM;</i>	X			<i>DBAR and public notice hand delivered to MLM for comment.</i>	
6. Organs of state (Responsible for infrastructure that may be affected Roads Department, Eskom, Telkom, DWS etc.					
• NWREAD	X	29 July 2019	<u>Letter received from NWREAD</u> <i>The Department have received the request to comment the Prospecting Right over portion 135 Elandsdraal 469 JQ process on 19 July 2019.</i> <i>Please note that the request has been assigned to Ms</i>	<i>DBAR and public notice mailed to NWREAD.</i>	- Section 6 - Appendix 6 - Email Sent - Draft Report and Public Notice mailed to

			<p>Queen Imasiku reachable at: 80 Kerk Street Private Bag x 2298 Rustenburg 0300 Tel: 014 597 3597 Email: QImasiku@nwp.gov.za Cell: 083 961 6155</p> <p>The file reference is NWP/DMR/45/2019. Kindly quote this reference number and the name of the officer in any future correspondence in respect of the application.</p>		NWREAD
• DWS	X	3 July 2019	<p><u>Letter received from DWS North West (Ms C Theunissen)</u></p> <p>This office acknowledges the receipt of your documents regards to the above-mentioned on 3 July 2019 Task T317/2019). The officer responsible for this area is: Ms Lethabo Ramashala and can be contacted at (012) 253-1026.</p> <p>Comments would be forwarded in due time.</p> <p>Thank you</p> <p>Ms C THEUNISSEN</p> <p>CHIEF ADMIN CLERK</p>	DBAR delivered for comment to Ms C Theunissen.	
		4 July 2019	<p><u>Email received from Lobakeng Chadwick</u></p> <p>Hi Stephan</p> <p>I have copied Ms Wendy Ralekoa in this email for her immediate attention to your correspondence.</p> <p>Wendy for your action please?</p>	<p><u>CHEMC Environmental Response</u></p> <p>Noted thank you.</p>	

			<u>Email received from Wendy Ralekoa</u> Noted.		
• DMR	X			DBAR and public notice couriered to DMR.	- Section 6 - Appendix 6 - Email Sent - Draft Report and Public Notice couriered to DMR
• SAHRA	X			Documents uploaded to SAHRIS for comment.	- Section 6 - Appendix 6
• Eskom	X			Has been notified.	
7. Communities					
• Mothotlung Community	X			Public notices placed in the community areas.	- Section 6 - Appendix 6
• Mmakau Community	X			Public notices placed in the community areas.	
• De Wildt Community	X			Public notices placed in the community areas.	
• Traditional Leaders / Land Claimants					
• Bakgatla-Ba-Mmakau Tribal Council	X			Has been notified	- Section 6 - Appendix 6
• DEA					
• Director: Environmental Authorisations	X			DBAR and public notice mailed to DEA for comments.	- Section 6 - Appendix 6
• Other Authorities					
• Department of Public Works Road and Transport	X			Has been notified	- Section 6 - Appendix 6
• Department of Rural Development	X				

• Department of Local Government and Traditional Affairs	X				
• Land Claims Commission	X	8 July 2019	<p><u>Email and letter received from the Commission on Restitution of Land Rights - Keabetwe Mothupi</u></p> <p>Dear Stephan,</p> <p>I acknowledge receipt of your letter dated the 3rd of July 2019 regarding the above-mentioned matter.</p> <p>Kindly note that a formal response could be expected from our office within the next seven (7) working days.</p> <p>Should you however require any additional information you can contact Ms. K.W. Mothupi at the above contact details.</p> <p>Yours faithfully, Mr. L. J. Bogatsu Chief Director Regional Land Claims Commissioner North West Province.</p>	<p><u>Email sent on 9 July 2019</u></p> <p>Good day Keabetwe,</p> <p>Thank you for your email. We acknowledge receipt thereof.</p> <p>Stephan Barkhuizen</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Email Sent - Details captured in the I&AP Register.
Other Affected Parties					
• Agri North West	X			Has been notified.	<ul style="list-style-type: none"> - Section 6 - Appendix 6
Interested Parties					
• De Wildt Helpmekaar Organisation	X	3 July 2019	<p><u>Meeting held with Me Suzette</u></p> <p>Indicated the following points:</p> <ul style="list-style-type: none"> - Important that the landowners be notified. - Provided the contact information for a number of the land owners. - Any development to the South of the N4 usually raises concern as this is a sensitive area. - Farmers are concerned about impact on groundwater. 	<p><u>CHEMC Environmental response:</u></p> <ul style="list-style-type: none"> - Appreciate the assistance in providing the contact information of the farmers. - Landowners and businesses will be either notified by registered mail and emails. - The proposed diamond core drilling will comprise of a NQ "wire line" tube size of 75 mm. - The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages. - The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Prospecting Area after the drilling and disposed at an 	<ul style="list-style-type: none"> - Appendix 6 - Section 6, 7, 8 and 10 - EMPr

				<p>approved dumping site.</p> <ul style="list-style-type: none"> - The drill holes will be plugged and closed after drilling has been completed. - As such, it has been concluded that the Proposed Project, involving non-intrusive drilling, will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts. - Water for the drilling activities will be sourced from the EM. 	
<ul style="list-style-type: none"> • Ugwa Consulting Services CC, whose application for a prospecting right was apparently accepted on 15 August 2011 to prospect for gold, silver, nickel, uranium in respect of inter alia Portions 2 and 3 of Krelingspost 	X			Has been notified	<ul style="list-style-type: none"> - Section 6 - Appendix 6
<ul style="list-style-type: none"> • Mr W.G. Nthathe 	X	17 July 2019	<p><u>Email and letter received from Mr W.G. Nthathe</u></p> <p>Morning Stephan</p> <p>I've made several contact attempts to Madibeng Local Municipality and I still haven't received the requested documents as yet.</p> <p>Please assist accordingly should you in possession of the document.</p> <p>Kind regards W.G. Nthathe (Mr)</p>	<p><u>CHEMC Environmental Email sent on 17 July 2019</u></p> <p>Good day Mr Nthathe,</p> <p>Thank you for your email. I think there might have been a slight misunderstanding. Please note that a hard copy of the Draft Basic Assessment report is available at the library for review.</p> <p>In the event that you wish for an electronic copy of the report, you should have contacted me directly. Please see attached a copy of the Draft Basic Assessment report, Background Information Document and public notice as per your request.</p>	<ul style="list-style-type: none"> - Section 6 - Appendix 6 - Email Sent - Details captured in the I&AP Register.

				Don't hesitate to contact me directly should you have any other queries.	
<ul style="list-style-type: none"> Kroon's Gourmet Chickens (Pty) Ltd via Bokamoso Landscape Architects & Environmental Consultants CC ("Bokamoso") 	X	5 July 2019	<p><u>Email received from Bokamoso (Mary-Lee van Zyl)</u></p> <p>Good day Stephan,</p> <p>Kindly register Bokamoso Landscape Architects and Environmental Consultants CC as interested and affected party on the application for prospecting right on various portions of the farm Krelingspost and Schietfontein.</p> <p>Our contact details are as follows: Lizelle Gregory/Mary-Lee van Zyl/Juanita de Beer E-mail: lizelle@bokamoso.net/marylee@bokamoso.net/juanita@bokamoso.net Landline: 012 346 3810 Cell phone: 083 255 8384 Fax: 086 570 5659</p> <p>Please could you supply us with all relevant information regarding this project that is available at this stage.</p> <p>It is furthermore requested that you keep our office informed of all new information, reports, meetings etc. throughout the remainder of this project.</p> <p>Kindly confirm receipt of this email and that we are registered as interested and affected party.</p> <p>Kind regards,</p> <p>Mary-Lee van Zyl</p>	<p><u>CHEMC Environmental Email sent on 5 July 2019</u></p> <p>Good day Me. Van Zyl,</p> <p>Thank you for your email. Please note Bokamoso has been registered as an I&AP and will be informed of any future correspondence.</p> <p>See attached the Draft Basic Assessment Report and Draft EMPr. Please let me know what Annexures you will also require as they are large files and may prevent the email from reaching you.</p> <p>Don't hesitate to contact me should you have any questions or queries.</p>	<ul style="list-style-type: none"> - Section 6, 7, 8 and 10 - EMPr - Appendix 6 - Email Sent - Details captured in the I&AP Register.
		5 July 2019	<p><u>Email received from Bokamoso (Mary-Lee van Zyl)</u></p> <p>Good day Stephan,</p> <p>Thank you for the confirmation.</p> <p>Please provide us with all the annexures – even if it</p>	<p><u>CHEMC Environmental Email sent on 5 July 2019</u></p> <p>Good day,</p> <p>Find attached the documents as requested.</p>	

			<p>will be separate emails or a Dropbox link.</p> <p>Kind regards,</p> <p>Mary-Lee van Zyl</p>		
		29 July 2019	<p><u>Email received from Bokamoso (Juanita de Beer)</u></p> <p>Good day Stephan,</p> <p>Kindly register Bokamoso Landscape Architects and Environmental Consultants CC on behalf of Kroon Chickens as an Interested and Affected Party (I&AP) on the application for prospecting right on various portions of the farm Krelingspost and Schietfontein.</p> <p>Our contact details are as follows: Lizelle Gregory/Mary-Lee van Zyl/Juanita de Beer E-mail: lizelle@bokamoso.net/marylee@bokamoso.net/juanita@bokamoso.net Landline: 012 346 3810 Cell phone: 083 255 8384 Fax: 086 570 5659</p> <p>Please could you supply us with all relevant information regarding this project that is available at this stage.</p> <p>It is furthermore requested that you keep our office informed of all new information, reports, meetings etc. throughout the remainder of this project.</p> <p>Kindly confirm receipt of this email and that we are registered as interested and affected party.</p> <p>Kind regards, Juanita de Beer</p>	<p><u>CHEMC Environmental Email sent on 30 July 2019</u></p> <p>Good day Juanita,</p> <p>Thank you for your email, please note that I have forward the requested information to you and your colleague on the 5th of July 2019.</p> <p>See the attached emails.</p>	
		2 August 2019	<p><u>Letter received from Bokamoso (Lizelle Gregory) refer to Appendix 6 for a copy of the letter. Below represents a summary of the concerns raised:</u></p> <p><u>COMMENTS REGARDING THE BASIC ASSESSMENT REPORT (BAR)</u></p>	<p><u>CHEMC Environmental response</u></p> <p>Thank you for your comments and concerns. There is no mention in your letter on what farm portions your client currently operates a chicken farm and associated activities. It is therefore difficult to</p>	

		<p><u>3.1 Surrounding Land Uses to be Affected</u></p> <p>a) Objects against the proposed prospecting activities as it will have an impact on the current and future chicken farm and associated infrastructure.</p> <p>b) An area to the south of the Prospecting Area, is in the process of being developed into a hatchery chicken farm.</p> <p>c) Impact of dust and associated air pollution on the chicken farm.</p> <p><u>3.2 Specialist Reports and Application Form</u></p> <p>a) There are no specialist reports attached to the BAR, which assessed the impact on the biodiversity or wetlands on the proposed prospecting area.</p> <p>b) No specialist studies investigating the ground water situation on the proposed site has been attached to the BAR.</p> <p>c) Furthermore, the BAR does not include a copy of the Application Form that was submitted to the DMR.</p> <p><u>3.3 EIA Process Timeframes</u></p> <p>a) The submission date for the final BAR is 5 August 2019, feel that their will not be sufficient time to address the comments from I&APs prior to submitting the Final BAR.</p> <p>b) When will the Final BAR then be available for review?</p> <p><u>3.4 Activities Applied For</u></p> <p>a) Why is Listing Notice 3 (GNR 985 – which has been amended in 2017), Activity 14 (h) applied for but not Listing Notice 1 (GNR 983 – also been amended in 2017), Activity 12 and 19?</p> <p>b) How can only some wetland activities be applied</p>	<p>adequately respond to the objection without considering the locality of the Proposed Project in relation to existing and future chicken farms.</p> <p>It is however evident from satellite imagery that a chicken farm and associated infrastructure is located approximately 1km to the east of the Proposed Schietfontein and Krelingspost Prospecting Area. EP nevertheless remains committed to properly managing and mitigating all impacts that may result from the Proposed Project and is open to engaging with Kroon in this regard.</p> <p>3.1(a) – It is important to note that the Proposed Project pertains to the drilling of one core borehole on each of the portions comprising the Proposed Schietfontein and Krelingspost Prospecting Area. The Proposed Project will be undertaken over a five year window.</p> <p>As mentioned, the existing chicken farm is located directly south of existing open cast mining activities. The Proposed Project will have a significantly lower impact on the existing chicken farm than the existing open cast mine.</p> <p>3.1(b) – The comment is noted, and we kindly request the property description of the proposed hatchery. It must be noted that there is no legal impediment or restriction prohibiting EP from expanding its existing operations, provided that the relevant application processes are followed and authorisations obtained. The impression under which Kroon acquired its properties does not impact on this legal entitlement of EP.</p> <p>The draft BAR furthermore considered all land uses of the properties that fall within the Proposed Schietfontein and Krelingspost Prospecting Area. Kroon's current operations are not located within or in close proximity to the Proposed Schietfontein and Krelingspost Prospecting Area, and no detail is provided on its future expansion projects.</p>	
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		<p>for and others not if a wetland delineation was not even done to confirm the extent of wetland and rivers on the prospecting area?</p> <p><u>3.5 Potential Mining Application</u></p> <p>a) Prospecting application will ultimately lead to a mining application. Taking into consideration the sensitivity of the site in terms of the Mining and Biodiversity Guidelines as well as the Provincial Conservation Plan, mining is not at all suitable for the site so why even apply for prospecting?</p> <p>b) Moreover, the aim of prospecting is to mine, so how can you apply for prospecting without conducting the necessary specialist studies to determine the sensitivity of the site?</p> <p><u>3.6 National Water Act, 1998 (Act No. 36 of 1998, as amended)</u></p> <p>a) What is the status of the General Authorisation Registration?</p> <p>b) Furthermore, prospecting might seem very innocent but as discussed above, the aim is to do mining in the end, but has the impact of further water abstraction during mining been assessed?</p> <p>c) Has the impact of future mining been assessed on Small holdings and farms?</p> <p><u>Conclusion</u></p> <p>The following information is required in order for the DMR to make an informed decision:</p> <ul style="list-style-type: none"> • Fauna and Flora Assessment (including avi-fauna); • Wetland Delineation; • Aquatic Assessment; • Geo-hydrological Investigation; • Heritage Impact Assessment; • Social Impact (addressing the impact on agricultural businesses/operations in the area); • Application Form submitted to the DMR; and 	<p>3.1(c) - The impact is noted and was considered in the EMPr.</p> <p>3.2(a) – Considering the significant number of specialist studies that have been undertaken on a number of the properties that form part of the Proposed Schietfontein and Krelingspost Prospecting Area and/or directly adjacent to the Area, the EAP is of the opinion that a desktop analysis and review of the available reports is sufficient. Regulation 12(2) of the 2014 EIA Regulations furthermore provides that "a specialist may be appointed, at the cost of the proponent or applicant, if the level of the assessment is of a nature requiring the appointment of a specialist".</p> <p>The draft BAR takes cognisance of and specifically provides that the Proposed Schietfontein and Krelingspost Prospecting Area is within / near the Marikana Thornveld; and that the M'Nandi Private Nature Reserve is located approximately 0.2 kilometres to the east thereof.</p> <p>For this reason, application was made for the relevant listed activities under Listing Notice 3 of the 2014 EIA Regulations and the extensive array of Specialist Reports reviewed.</p> <p>Chapter 7 of the draft BAR delineates the environmental attributes associated with the Proposed Schietfontein and Krelingspost Prospecting Area, including the surface water resources and biodiversity. The National Freshwater Ecosystem Priority Areas (FEPAs) database for river ecosystems was also considered.</p> <p>The draft BAR furthermore prohibits the access roads from crossing or encroaching any wetlands, drainage lines or streams. The final EMPr has been updated to include this restriction.</p> <p>It is however recommended that EP undertake a</p>	
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			<ul style="list-style-type: none"> • <i>Extension of time granted by DMR to submit Final BAR.</i> 	<p><i>biodiversity survey and wetland verification as part of the pre-commencement activities, and this must form part of the conditions of the EA.</i></p> <p><i>We concur with the view that should EP consider applying for a mining right in the future detailed specialist studies need to be undertaken. However, this will be addressed as part of the Scoping/EIA process for the potential mining right application.</i></p> <p><i>3.2(b) – The Proposed Project, involving non-intrusive drilling (NQ -75mm borehole), will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts. The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages.</i></p> <p><i>The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Proposed Schietfontein and Krelingspost Prospecting Area after the drilling and disposed at an approved dumping site.</i></p> <p><i>The drill holes will be plugged and closed after drilling has been completed.</i></p> <p><i>3.2(c) – Appendix 1 to the 2014 EIA Regulations sets out the legally prescribed content of a BAR and does not require the inclusion of the EA application form as an annexure to the BAR. A copy of the application form is attached under Appendix 10.</i></p> <p><i>3.3(a) – All comments received have been responded to in this report and the FBAR amended, where necessary.</i></p> <p><i>The FBAR will still be submitted on the deadline of 5 August 2019. However, considering the comments received from I&APs to date, CHEMC Environmental has requested the PPP be extended so that further consultation be undertaken. The FBAR will be made available from 5 August 2019 for</i></p>	
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				<p><i>review and comment.</i></p> <p><i>3.4(a) - It is not foreseen that any prospecting activities will be undertaken within 32m of a watercourse. However, provision is made to include the listed activity should this be required.</i></p> <p><i>Application has not been made for the Activity 12 of Listing Notice 1, as the similar listed activity under Listing Notice 3 has been applied for, Activity 14(h).</i></p> <p><i>Activity 19 of Listing Notice 1 is not relevant to the Proposed Project, as no infilling or depositing into a watercourse will be undertaken.</i></p> <p><i>3.4(b) – As mentioned above, the exact location of the prospecting boreholes will only be determined on final consultation with landowners and the pre-commencement biodiversity survey and wetland verification study.</i></p> <p><i>3.5(a) – Noted. The Proposed Project aims to better understanding the lithology and mineral distribution of the ore-body by means of diamond core drilling, core logging, sampling and assaying of the drill core.</i></p> <p><i>The lithological, structural and assay information of each borehole will be collected and assessed for the PGE resource estimation. Once the process has completed then only can EP determine whether it is viable to determine the feasibility of applying for a mining right.</i></p> <p><i>This process is subjected to a full Scoping and EIA process that requires detailed specialist studies and a consultation process. At this point in time, EP can't commit and respond to this matter as the feasibility of future mining still needs to be determined. This will only be after the prospecting activities have been completed</i></p> <p><i>3.5(b) – Noted, refer to 3.2 (a) above.</i></p>	
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				<p>3.6(a) – The process is still in progress and will only be finalised once the wetland verification GN 509 Risk Assessment has been completed.</p> <p>3.6(b) – Noted, however the Proposed Project, involves non-intrusive drilling (NQ -75mm borehole), and will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts.</p> <p>Refer to the EMPr.</p> <p>3.6(c) – Refer to point 3.5(a) above.</p> <p><u>Conclusion</u> Considering the significant number of specialist studies that have been undertaken on a number of the properties that form part of the Proposed Schietfontein and Krelingspost Prospecting Area and/or directly adjacent to the Area, the EAP is of the opinion that a desktop analysis and review of the available reports is sufficient.</p> <p>It is however recommended that EP undertake a biodiversity survey and wetland verification as part of the pre-commencement activities, and this must form part of the conditions of the EA.</p>	
<ul style="list-style-type: none"> Q4 Commercial Properties (Pty) Ltd and Q4 Chemicals (Pty) Ltd via Bokamoso 	X	2 August 2019	<p><u>Letter received from Bokamoso (Lizelle Gregory) refer to Appendix 6 for a copy of the letter. Below represents a summary of the concerns raised:</u></p> <p><u>COMMENTS REGARDING THE BASIC ASSESSMENT REPORT (BAR)</u></p> <p>This objection/ comments are submitted to inform the Applicant that Portions 22 and 41 of the farm Schietfontein 437 JQ have received an Environmental Authorisation and a Water Use Licence for the development of filling stations to be accessed from</p>	<p><u>CHEMC Environmental response.</u></p> <p>Thank you for your comments and concerns.</p> <p>a) – Considering the significant number of specialist studies that have been undertaken on a number of the properties that form part of the Proposed Schietfontein and Krelingspost Prospecting Area and/or directly adjacent to the Area, the EAP is of the opinion that a desktop analysis and review of the available reports is sufficient. Regulation 12(2) of the 2014 EIA Regulations furthermore provides</p>	<ul style="list-style-type: none"> - Section 6, 7, 8 and 10 - EMPr - Appendix 6 - Email Sent - Details captured in the I&AP Register.

		<p>the N4 Bakwena National Highway (both directions). The one filling station will be situated immediately adjacent to the area earmarked for the prospecting activities.</p> <p>a) There are no specialist reports attached to the BAR, which assessed the impact on the biodiversity or wetlands on the proposed prospecting area.</p> <p>b) No specialist studies investigating the ground water situation on the proposed site has been attached to the BAR. The approved filling stations will make use of ground water during its construction and operational phases and therefore the impact of a mine on the aquifers in the area is very important.</p> <p>c) The submission date for the final BAR is 5 August 2019, feel that their will not be sufficient time to address the comments from I&APs prior to submitting the Final BAR.</p> <p>d) It will also be necessary to supply Q4 with a detailed layout plan for the prospecting activities and supply more detail regarding the access to the site, the amount of water required, detail regarding planned blasting activities, methodology statement for the various areas earmarked for prospecting etc.</p>	<p>that "a specialist may be appointed, at the cost of the proponent or applicant, if the level of the assessment is of a nature requiring the appointment of a specialist".</p> <p>It is however recommended that EP undertake a biodiversity survey and wetland verification as part of the pre-commencement activities, and this must form part of the conditions of the EA.</p> <p>b) – The Proposed Project, involving non-intrusive drilling (NQ -75mm borehole), will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts. The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages.</p> <p>The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Proposed Schietfontein and Krelingspost Prospecting Area after the drilling and disposed at an approved dumping site.</p> <p>The drill holes will be plugged and closed after drilling has been completed. Refer to the EMPr.</p> <p>Water for the drilling activities will be sourced from the EM.</p> <p>c) – All comments received have been responded to in this report and the FBAR amended, where necessary.</p> <p>The FBAR will still be submitted on the deadline of 5 August 2019. However, considering the comments received from I&APs to date, CHEMC Environmental has requested the PPP be extended so that further consultation be undertaken. The FBAR will be made available from 5 August 2019 for review and comment.</p> <p>d) – As mentioned above, the exact location of the</p>	
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				<p><i>prospecting boreholes will only be determined on final consultation with landowners. EP will make use of existing dirt roads and tracks to access the potential drilling sites. Refer to Appendix 7 for copy of the Prospecting Works Programme.</i></p>	
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7. THE ENVIRONMENTAL ATTRIBUTES ASSOCIATED WITH THE SITES

This section describes the existing status of the environment that may be affected by the proposed project.

In this section of the report, a summary of the baseline environment of the Proposed Schietfontein and Krelingspost Prospecting Area is described. This has been compiled based on the following:

- Available information from the existing EM EMPs;
- Specialist reports conducted in and around the Proposed Schietfontein and Krelingspost Prospecting Area on previous applications lodged;
- South African Weather Service ("**SAWS**");
- South African National Biodiversity Institute ("**SANBI**");
- Statistics South Africa;
- MLM IDP;
- Existing information on the environmental parameters of the area;
- Stakeholder and I&AP comments received from the BID and DBAR.

7.1 Baseline Environment

7.1.1 Type of environment affected by the proposed activity.

(Its current geographical, physical, biological, socio- economic, and cultural character).

7.1.1.1 *Regional Setting*

The Proposed Project will be taking place on portions of Schietfontein and Krelingspost, which is located within the MLM that forms part of the BPDM, situated within the NWP of South Africa.

The Proposed Schietfontein and Krelingspost Prospecting Area is located approximately 14 km east of Brits and 60 km west of Pretoria. Neighbouring communities in proximity to the prospecting area includes Damonsville, Mothutlung, Moumong, De Wilt, Mmakau, Ramolapong, Tshwara and Ga-Kwate. It is situated between the N4 Bakwena highway (south) and R566 Brits-Rosslyn Provincial Road (north).

The Proposed Schietfontein and Krelingspost Prospecting Area is located within Ward 19 and 17 of the MLM. The towns and residential areas close to the Proposed Prospecting Area are given in **Table 8** (line-of-sight distances).

Table 8: Line of sight distances to nearest towns for the border of the EM Surface Area

Town	Distance Km	Direction
Damonsville	1 Km	North
Moumong	2.5 Km	North-west
Mothutlung	5.4 Km	North-west
Tshwara	1 Km	North
Ramolapong	2.3 Km	North
Mmakau	4.5 Km	North-west
De Wilt	1.4 Km	North
Ga-Kwate	1.8 Km	North
Brits	14 Km	West
Pretoria	60 Km	East

7.1.1.2 Climate

The Proposed Schietfontein and Krelingspost Area fall within the Highveld Climatic Zone, as defined by Schulze (1974). Detailed features of this climatic zone are outlined below:

- Temperatures in this climatic zone are generally mild but low minima can be experienced in winter due to clear night skies. Average annual precipitation ranges from 650 mm (west) to 900 mm (east);
- Rain generally occurs in summer from October to March;
- The mean annual precipitation ("**MAP**"), 85% falls during summer thunderstorms. The thunderstorms generally occur every 3 to 4 days in

summer and are of short duration and high intensity, accompanied by strong gusty south westerly winds;

- Hail frequency is high, tending to occur 4 to 7 times per season;
- Average of 75 storms occurs per year;
- Summer average daily temperatures range from 17 to 27°C, with maxima of 38°C. In winter average daily temperatures range from 0 to 13°C;
- Frosts may occur from May to September for about 120 days; and
- Light north-easterly and south-westerly winds prevail. However, strong gusty south-westerly winds often accompany thunderstorms.

Various weather stations managed by both the SAWS and the DWS are located close to the Proposed Schietfontein and Krelingspost Prospecting Area. The SAWS station and DWS station (A2E001) are located respectively approximately 5 and 7.5km from the EM Surface Area boundary. The DWS station has a rainfall record length of 91 years (1926 - 2017).

Lynch (2004) was also used as a source of rainfall data for the Proposed Prospecting Area and is the source of the MAP data. A comparison of DWS station A2E001 and Lynch (2004) average monthly rainfall is presented in **Table 9**. MAP for DWS station A2E001 is 686mm.

Table 9: Average Monthly Rainfall Distribution.

Rainfall (mm)		
Month	A2E001	Lynch (2004)
Jan	126	119
Feb	94	94
Mar	86	81
Apr	45	40
May	19	16
Jun	8	5
Jul	5	4
Aug	6	6
Sep	15	16
Oct	60	100
Nov	108	100
Dec	114	105
Total	686	686

7.1.1.3 Wind Direction and Speed.

Winds vary diurnally and between seasons. The predominant wind direction in the Brits area is from the east, with frequent winds also occurring from the north-east and south. During the day there is an increase in winds from the north-west and north-east. At night, wind flow occurs mainly from the east and south, with north-westerly and south-easterly winds decreasing at night. Night-time conditions also reflect a difference in wind speed ranging from 1 - 4 m/s at night in comparison to daily wind speed, which ranges between 2 – 13 m/s. During the summer months, strong winds from the east and north-east dominate, with wind speeds of up to 17 m/s from the east. In winter, winds from the east dominate however strong and frequent winds from the south also occur.

7.1.1.4 Topography

The NWP, the sixth largest province in South Africa, occupies a total area of 116 320 km² (9,5% of the total area of South Africa). It is geographically situated between 25° and 28° south of the equator and 22° and 28° longitude east of Greenwich Meridian. With altitudes ranging from 920 m – 1782 m above sea level ("**mamsl**"), the NWP is professed to have the most uniform terrain of all provinces.

The Proposed Schietfontein and Krelingspost Prospecting Area's topography is relatively flat, with koppies and hills bordering it to the north and the Magaliesberg mountain range to the south. It is located approximately 11 km north-east of Hartbeespoort Dam. The Proposed Schietfontein and Krelingspost Prospecting Area's elevation ranges between 1208 m in the north-west and 1261 m in the east. Mountain peaks in the nearest section of the Magaliesberg rise to 1 500 – 1 600 mamsl. The Hartbeespoort Dam lies at an altitude of approximately 1 200 mamsl and the Crocodile River flows from it in a north-westerly direction, passing about 14 km to the west of the Proposed Schietfontein and Krelingspost Prospecting Area at an altitude of about 1 110 mamsl.

The Proposed Prospecting Area is relatively flat, with a gentle slope towards the north-west. The overall slope of the area is 1:35. The slope increases slightly to the north near the Msilitwane koppie (Trig beacon no. 16), which peaks at 1 317.2 mamsl.

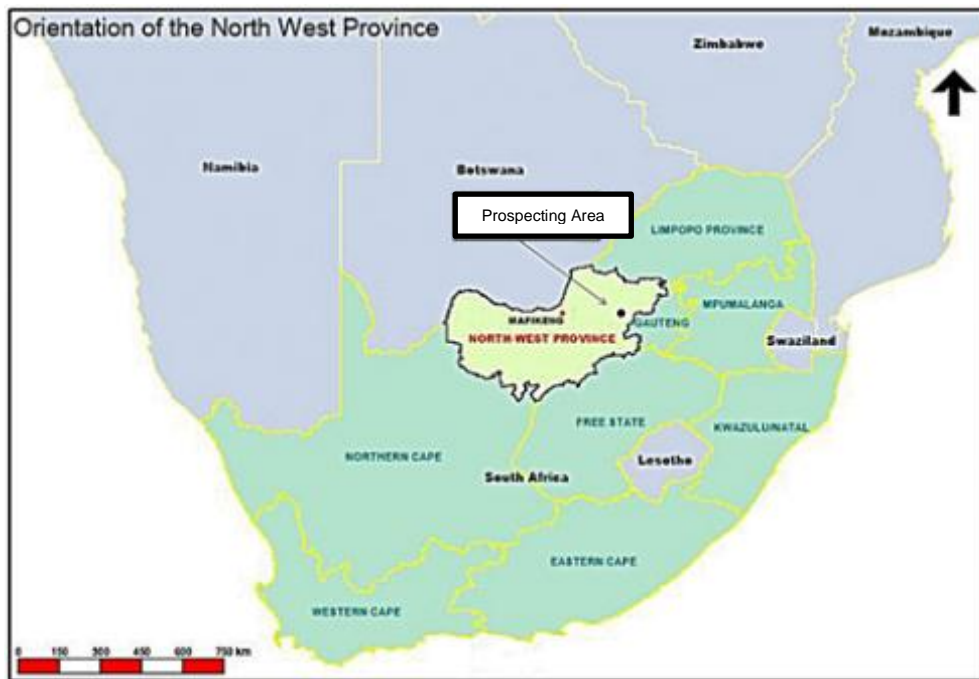


Figure 8: Orientation of the NWP – South Africa.

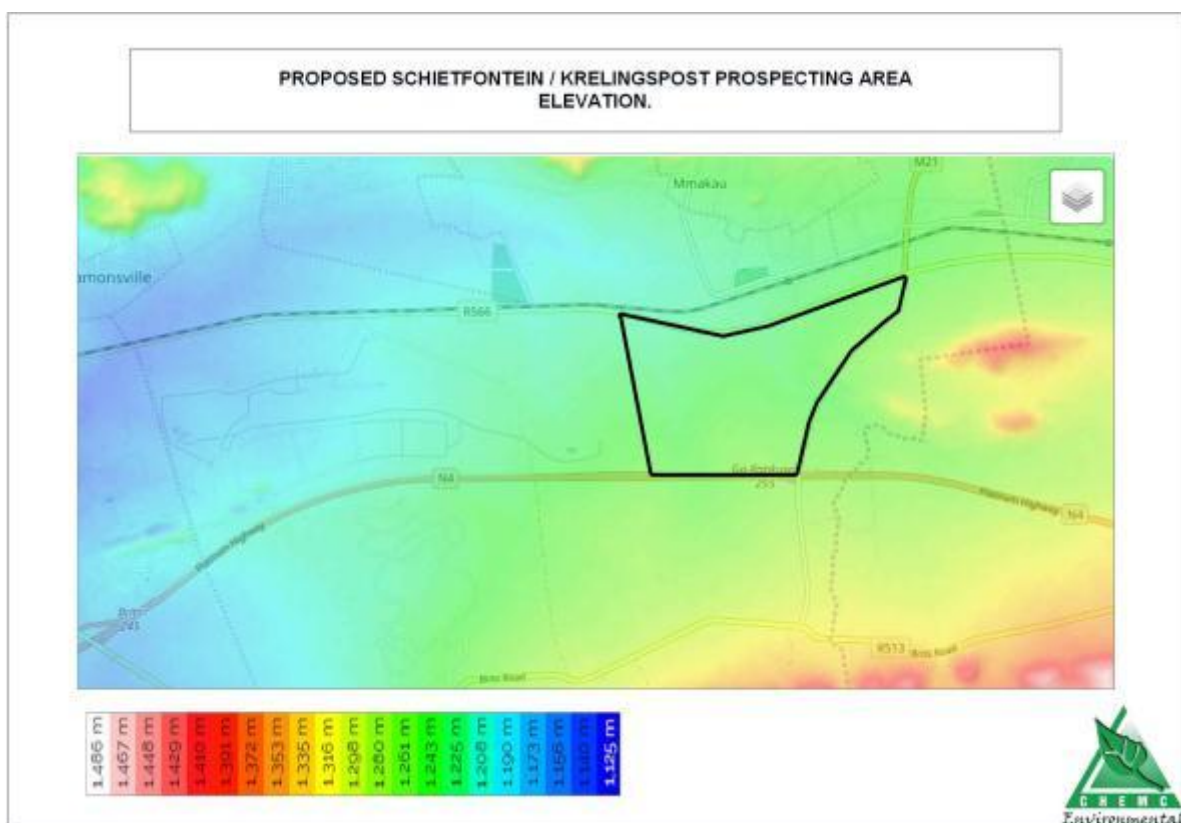


Figure 9: Local Topography of the Proposed Schietfontein and Krelingspost Prospecting Area

7.1.1.5 Geology

The Proposed Schietfontein and Krelingspost Prospecting Area is located adjacent east of EM, where the platinum bearing UG1, UG2 and Merensky reefs occur. It is located within the south-eastern most region of the western limb of the BIC.

The BIC comprises of volcanic rocks (Rooiberg Group); a mafic layered suite (Rustenburg Layered Suite); and sheeted granite (Lebowa Granite Suite) emplaced onto and within sediments of the Transvaal Supergroup.

a) Regional Geology

Southern Africa is characterised by the presence of large mafic to ultramafic layered complexes, the best known of which is the Great Dyke in the Zimbabwe Craton and the Bushveld and Molopo Complexes in the Kaapvaal Craton. By far the largest, best-known and economically most important of these is the BIC, which was intruded about 2060 million years ago into rocks of the Transvaal Supergroup, largely along an unconformity between the Magaliesberg quartzite of the Pretoria Group and overlying Rooiberg felsites. The total estimated extent of the BIC is some 66 000 km², of which about 55% is covered by younger formations. The mafic rocks of the BIC host layers rich in Platinum Group Metals ("**PGM**"), chromium and vanadium, and constitute the world's largest known resource of these metals.

The mafic rocks (collectively termed the RLS) can be divided into five zones known as the Marginal, Lower, Critical, Main and Upper Zones from the base upwards.

- The Marginal Zone is comprised of generally finer grained rocks than those of the interior of the BIC and contains abundant xenoliths of country rock. It is highly variable in thickness; may be completely absent in some areas; and contains no known economic mineralisation.
- The Lower Zone is dominated by orthopyroxenite, with associated olivine-rich cumulates in the form of harzburgites and dunites.
- The Critical Zone is characterised by regular and often fine-scale rhythmic, or cyclic, layering of well-defined layers of cumulus chromite within pyroxenites and olivine-rich rocks. The economically important PGM deposits are part of the Critical Zone.

The Merensky Reef has traditionally been the most important platinum producing layer in the BIC. Seismic surveys undertaken by the Council for Geoscience indicate that reflectors associated with the Merensky Reef can be traced as far as 50km down dip, to depths of 6 000m below surface. The Merensky Reef varies considerably in its nature but can be broadly defined as a mineralised zone within, or closely associated with, the ultramafic cumulate at the base of the Merensky cyclic unit. In addition to the PGM mineralisation associated with the Merensky Reef, all chromitites in the Critical Zone at times contain elevated concentrations of PGM.

The UG2 Chromitite Layer is the only chromitite layer that is significantly exploited for PGMs at present. The major geological features that affect the UG2 Chromitite Layer are faults, dykes, potholes and mafic / ultramafic pegmatites. Potholes are features of subsidence or erosion, where the igneous layer is absent or occurs at a lower elevation in a modified form. Typically, the PGM concentration and thickness of the layer is modified. Potholes typically approach a circular shape and occur within both the Merensky Reef and the UG2 Chromitite Layer. Poor ground conditions may be associated with potholes and pothole edges; potholes may cause a geological loss of ground of up to 25%. Another unique feature of the BIC's geology is the mafic / ultramafic pegmatites, sometimes referred to as iron rich ultramafic pegmatites or replacement pegmatites. They often destroy the structure of the layering and therefore affect the PGM potential. Mining may be problematic, depending on the situation.

The Rustenburg Layered Suite ("**RLS**") comprises the mafic phase of the BIC and is host to several economically extracted minerals, such as chromite, vanadium and platinum group elements. The RLS is divided into five zones known as the Marginal, Lower, Critical, Main and Upper Zones from the base upwards (Figure 10). Both the Merensky Pyroxenite and UG2 Reef occur within the Upper Critical Zone.

The Critical Zone is divided into the Lower Critical and Upper Critical Zones (Figure 11). The transition between the Lower and Upper Critical Zones is defined as the last occurrence of upper most MG chromitite horizon, usually the MG4. The MG1 and MG2 chromitite layers are extensively mined for chrome.

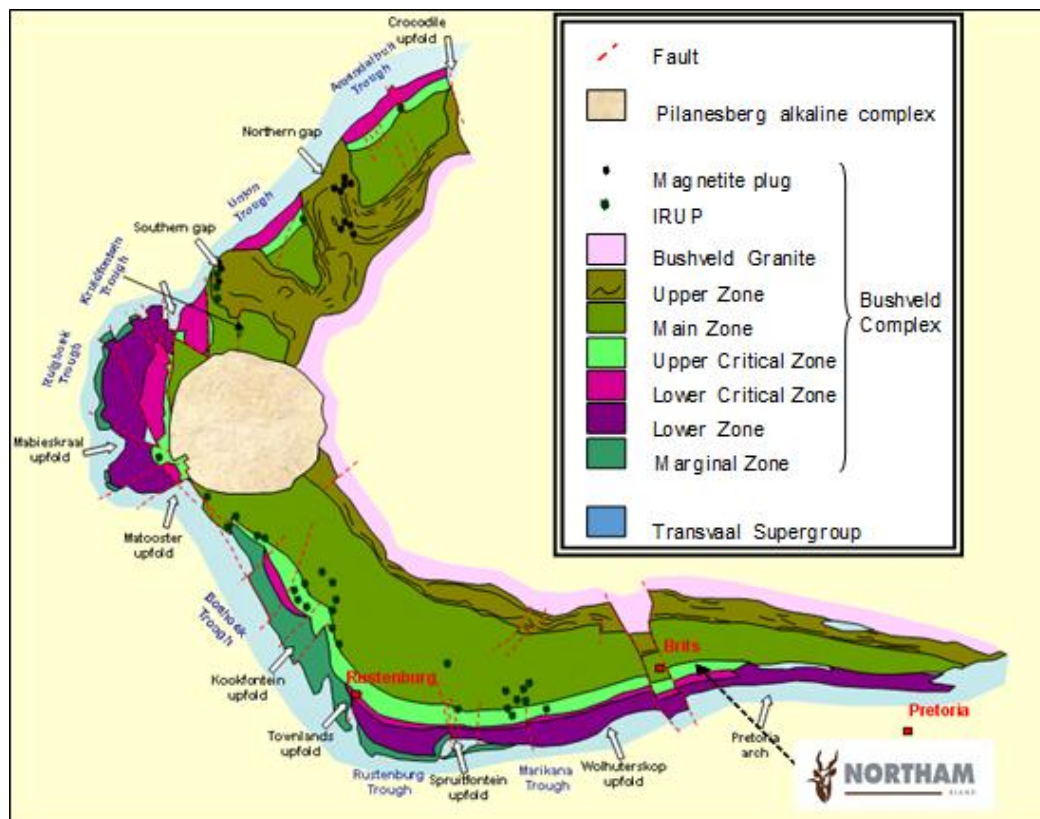


Figure 10: Generalised layout of the western BIC

The Upper Critical Zone is characterised by regular and often fine-scale rhythmic, or cyclic, layering of well-defined layers of cumulus chromite within pyroxenites and olivine-rich rocks.

The first important cycle is the lower of the two UG Chromitite Layers (the UG1 Chromitite Layer). This unit consists of a chromitite layer and underlying footwall chromitite layers that are interlayered with anorthosite. The overlying UG2 chromitite is important because it contains economic concentrations of PGM's and is extensively mined.

The two uppermost cycles of the Critical Zone are the Merensky and Bastard cycles. The former is also of great economic importance, as it contains at its base the PGM-bearing Merensky Reef, a pegmatitic feldspathic pyroxenitic assemblage, with associated thin chromitite layers. The top of the Critical Zone is generally defined as the top of the robust anorthosite (the Giant Mottled Anorthosite) that forms the top of the Bastard cyclic unit.

The economically viable chromite reserves of the BIC, most of which are hosted in the Critical Zone, are estimated at 68% of the world's total, whilst the BIC also contains 56% of all known PGMs.

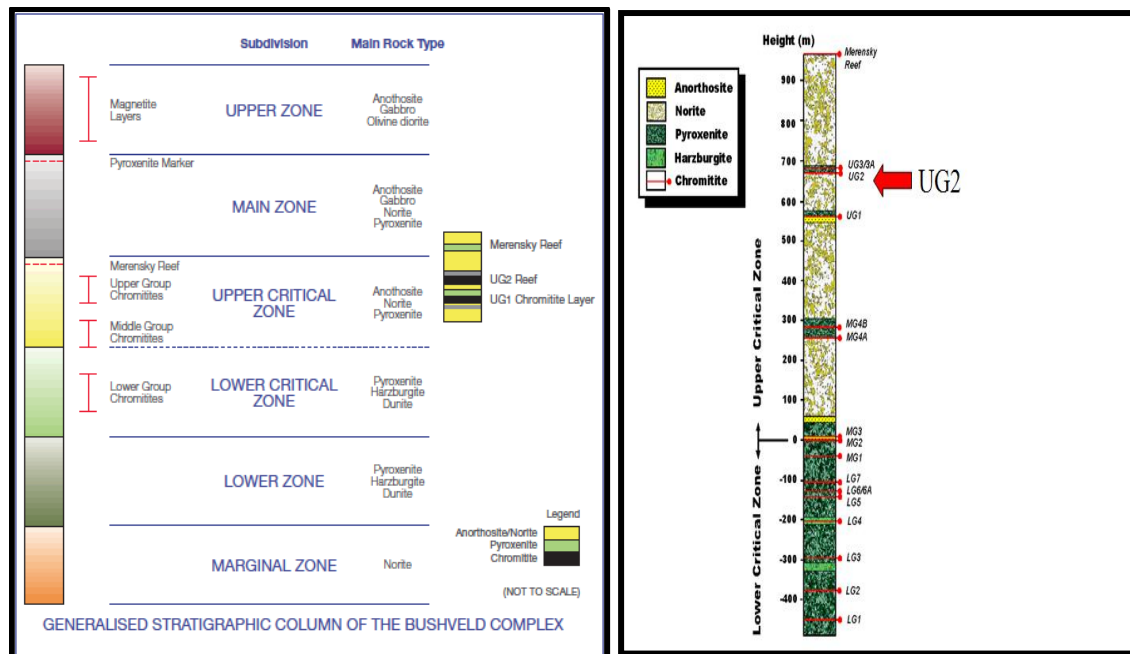


Figure 11: Generalised stratigraphy on the western BIC

Limited published data exists for the region east of the Brits graben toward the De Wildt area, including the Proposed Schietfontein and Krelingspost Prospecting Area; however mention is made of the absence of LG chromitites, as well as the thinning of the BIC toward Pretoria.

The surface geology exposed on Schietfontein and Krelingspost is correlated with rocks of the Main, Critical and Marginal Zones of the BIC, as well as the much older east-west trending Magaliesberg Quartzite units located in the south. The layered BIC rocks generally trend east / west and dip between 18-28°N.

The disturbed nature of the UG2 and Merensky Reefs east of EM is due to the highly complex structural setting and proximity to the basement sedimentary units of the Transvaal floor rocks. The UG2 chromitite layer on Schietfontein is reported to overlay a large meta sedimentary footwall block. Further east, pyroxenite and

melanorite units of the BIC crop out and contact the Magaliesberg quartzite floor rocks.

The available geological information for Schietfontein and Krelingspost is in the form of historical borehole logs, assay data and interpreted structural features from geophysical surveys. Due to their historically being no central data reporting point; the number of companies prospecting over an extended time period; and prospecting rights being transferred between various parties, data has been lost and / or has not been verified.

Suspect collar coordinates (possibly due to different survey systems and different logging standards applied by various companies) introduces uncertainty in the correlation of units. Furthermore, the reported assay data could not be verified against original documentation and the use of different techniques and laboratories introduces uncertainty.

The geological data available is therefore in some instances inadequate or incomplete and adds uncertainty to the geological interpretation of the area under review.

The anticipated structural complexity on Schietfontein and Krelingspost, together with limited borehole information, has made the geological interpretation of the both the UG2 and Merensky Reefs difficult and therefore the continuity and character of both Reefs in this area is interpreted with low confidence. Geological features such as dykes, IRUP, potholes and faults, as well as UG2 facies changes, are known to occur in this Region.

Both the UG2 and Merensky Reefs occur in borehole intersections on Schietfontein and Krelingspost. In total, 57 boreholes were previously drilled in the area under review, with only 6 boreholes located on Krelingspost. The vertical separation between the two Reefs is approximately 200m at EM and appears to decrease toward the east, reaching 188m in Krelingspost, with a minimum middling of 30m occurring on Schietfontein.

b) Local Geology

The Merensky pyroxenite in this Region is similar to that found at EM and can be described as a thick pyroxenite, with a widely spread distribution of PGMs. A total of 5 boreholes have intersected the Merensky pyroxenite (2 on Krelingspost and 3 on Schietfontein), therefore confirming the occurrence of the Merensky pyroxenite. More information is required to confirm the continuity and characteristics of the Merensky pyroxenite on Schietfontein and Krelingspost.

The UG2 Reef at the EM is subdivided into three facies based on the morphology of the chromitite cycle, namely: Normal, Split Reef and Zilkaatsnek Facies (Figure 12). These facies types are described in detail below:

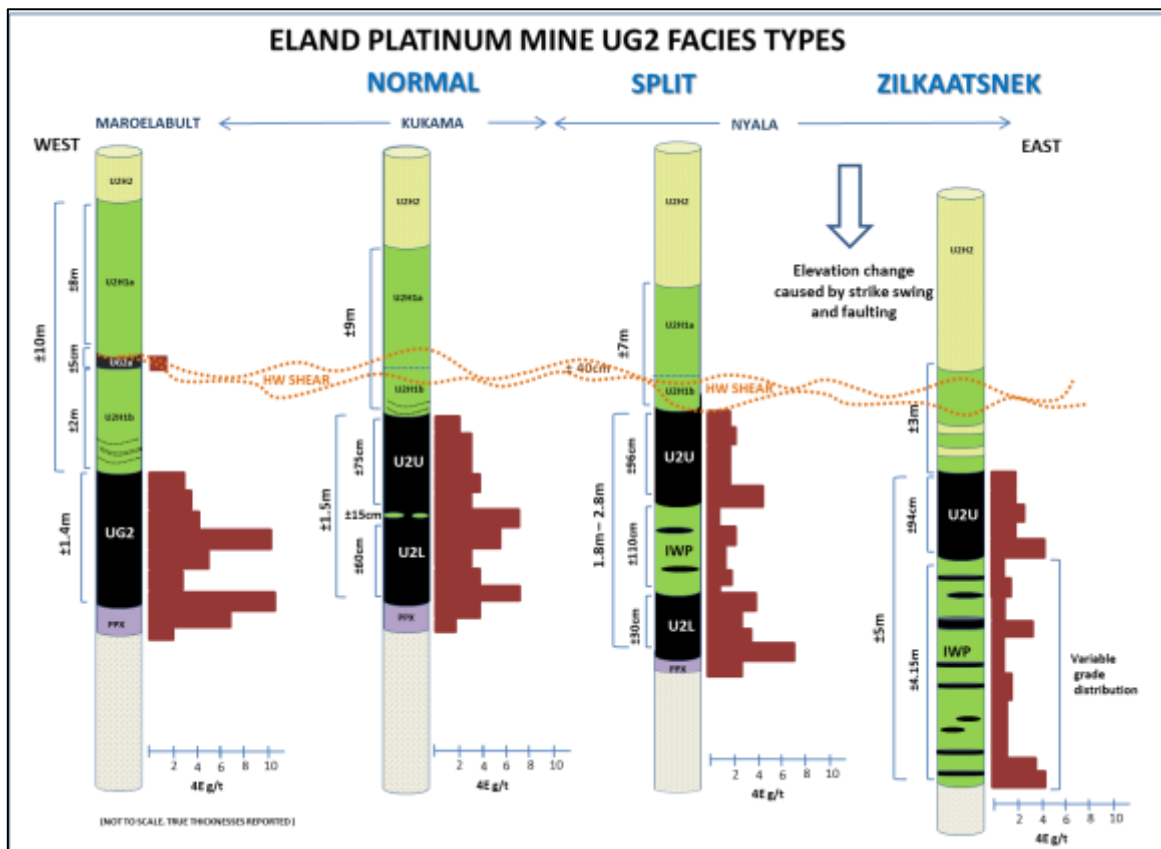


Figure 12: UG2 Facies types at the EM

The Normal Facies constitutes the majority of the UG2 Reef type at the EM. In the Normal Facies, the UG2 Reef consists of a basal chromitite layer (UG2 Lower Chromitite/U2L) and immediately overlying it, another chromitite layer (UG2 Upper

Chromitite/U2U), hosted inside a package of feldspathic pyroxenite and pegmatitic feldspathic pyroxenite or norite.

Typically, the UG2 main chromitite in the western BIC ranges from 0.8m to 1.2m thick and is underlain by a series of chromitite layers, referred to as the Triplets/UG2a/Leaders. It is believed that these chromitite layers coalesced with the UG2 main layer in this Region, explaining an increased average thickness of 1.6m for the UG2 (Normal Facies). The triplets/UG2a/Leaders can be correlated with the UG2 Upper Chromitite (U2U) and the UG2 Main layer is represented by the Lower Chromitite (U2L).

The Split Reef Facies is considered transitional facies and is very similar to the Normal Facies. The main differences are that the Upper and Lower Chromitite layers are separated by anorthosite lenses and / or feldspathic pyroxenite. The average thickness of the Split reef facies is 2.8m. Isolated split reef UG2 intersections also occur within the Normal Facies and are sometimes associated with or in the vicinity of potholes.

A UG2 Facies delineation plan of the EM indicating the location of Schietfontein and Krelingspost is inserted below (Figure 13).

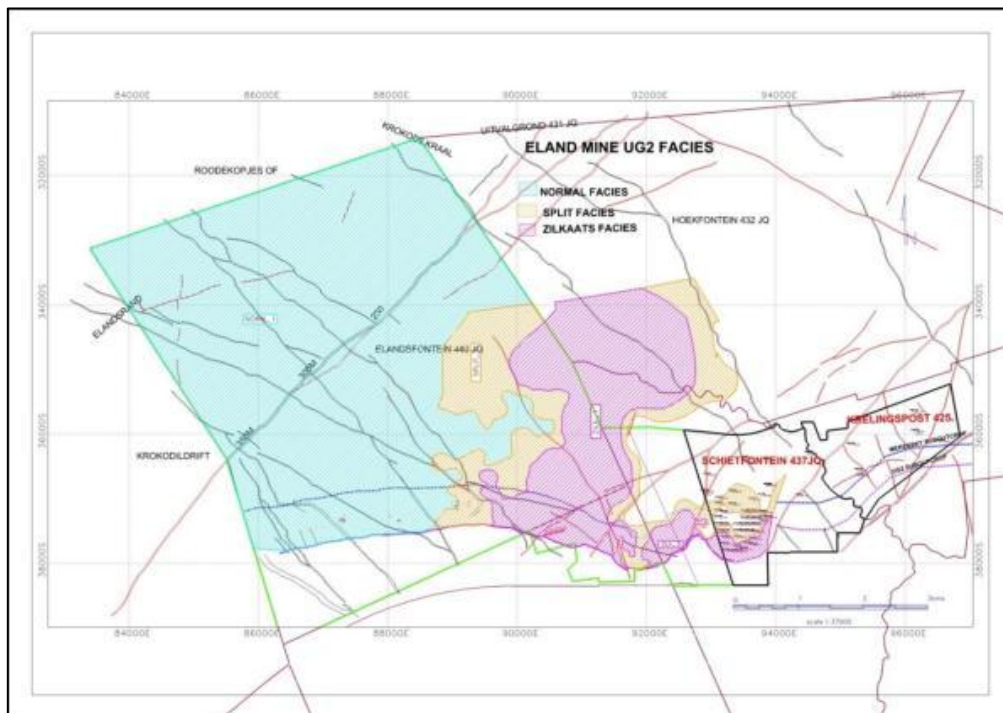


Figure 13: UG2 Facies distribution at the EM

7.1.1.6 Soils

Soils are a significant component of most ecosystems. As an ecological driver, it is the medium in which most vegetation grows and a range of vertebrates and invertebrates exist.

The Proposed Schietfontein and Krelingspost Prospecting Area is dominated by a red soil, with a high base status that is freely drained and structureless. The north-western corner of the Proposed Schietfontein and Krelingspost Prospecting Area consists of dark coloured swelling clay soils, which are strongly structured.

a) Implications for the Proposed Project

Chemical spills are a possibility during the Proposed Project; working machinery and storage facilities bear a risk for chemical spillage and the impact thereof may result in soil pollution. The location of the drill sites will be rehabilitated once the Proposed Project has been completed.

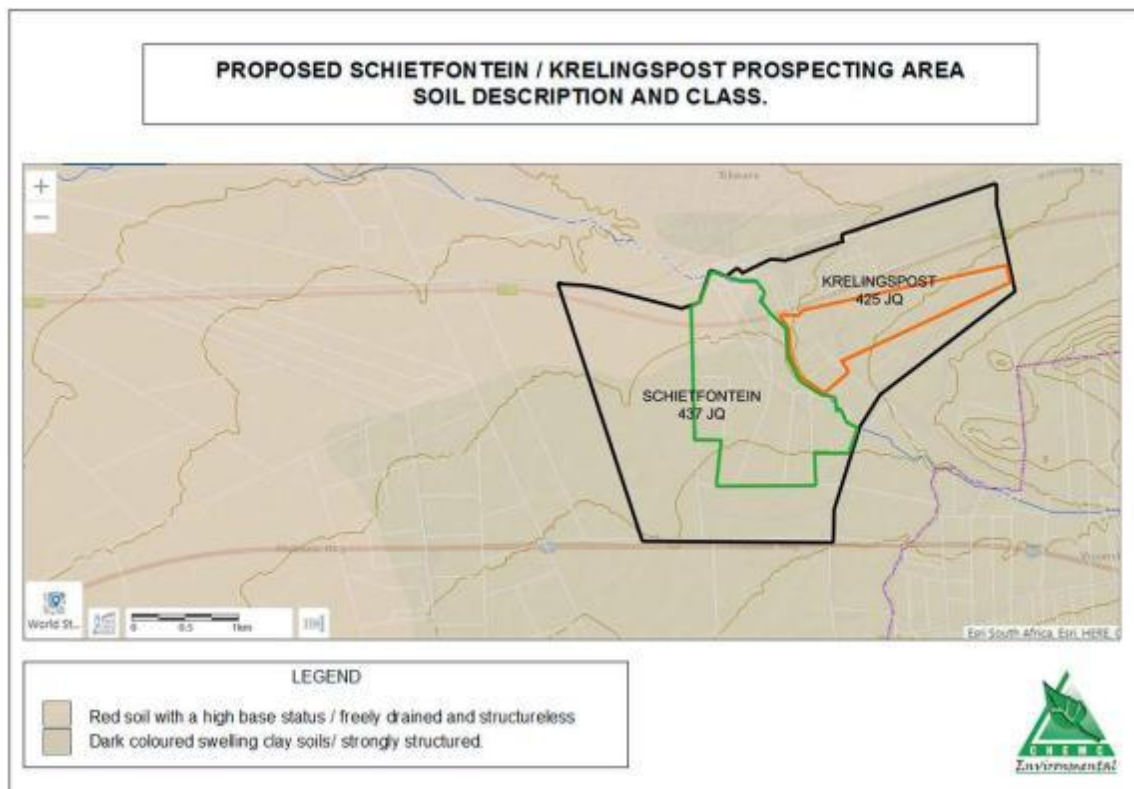


Figure 14: Soil description and class of the Proposed Schietfontein and Krelingspost Prospecting Area

7.1.1.7 Land Use and Land Capability

The Proposed Schietfontein and Krelingspost Prospecting Area comprises mainly of open natural areas, Bushveld and current and previously cultivated fields. The western side of the Proposed Schietfontein and Krelingspost Prospecting Area is mainly private land consisting of open natural areas and cultivated grass areas (Landscaping sod production) whereas the eastern side is more degraded cultivated land and open areas owned by corporations. The area is used for agricultural purposes and has a high grazing capacity. It is mainly free roaming animals that graze on the open areas and grasslands. The R566 and Rosslyn – Brits railway traverses certain of the properties. The land uses of the properties in the Proposed Schietfontein and Krelingspost Prospecting Area are discussed in detail in Table 22 below.

Land-cover of the Proposed Schietfontein and Krelingspost Prospecting Area is classified mainly as grasslands, open bush and cultivated fields according to the National Landcover dataset from DEA 2014 (<https://egis.environment.gov.za>).

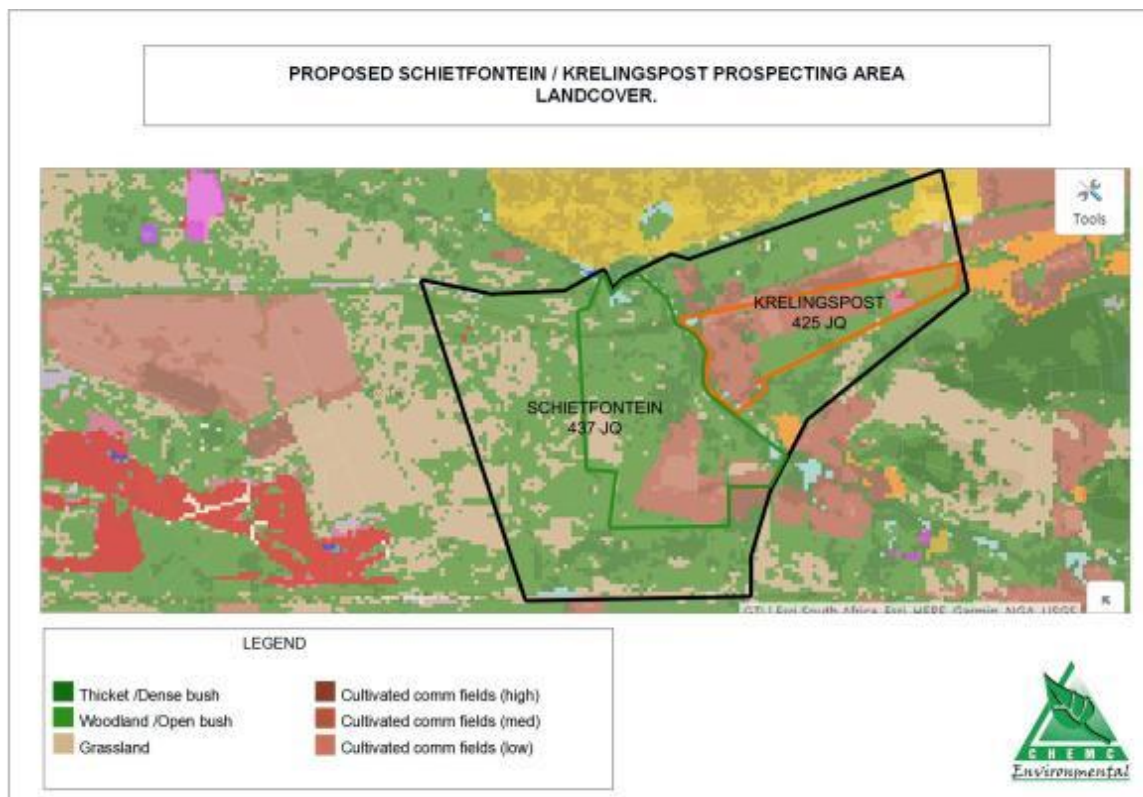


Figure 15: Landcover of the Proposed Schietfontein and Krelingspost Prospecting Area.

a) Implications for the Proposed Project

Potential conflicting land- uses and capability has been identified and listed as part of the DBAR PPP (Refer to Appendix 6).

- The De Wildt Solar Farm is being constructed on Portions 15, 27 and 28 of Schietfontein. According to Zolograph, construction will be complete and fully operational in August 2020. As part of the Proposed Project, prospecting activities have been earmarked for Portion 27 and 28 of Schietfontein, which will have a significant impact on the De Wildt Solar Farm. Further negotiations and consultations will have to be undertaken with the Developer. It is for this reason *inter alia* that a request for extension of the PPP has been submitted with the FBAR.
- Samancor also holds a prospecting right to chrome in the MG and LG seams on Portions 27 and 28 of Schietfontein.
- The two Q4 Fillings Stations have been approved for development on Portions 22 and 41 of Schietfontein. The Proposed Schietfontein and Krelingspost Prospecting Area is located directly north of Portion 22 of Schietfontein.
- Kroon operates an abattoir and chicken broiler house to the east of the Proposed Schietfontein and Krelingspost Prospecting Area. Comments submitted on behalf of Kroon suggest that an area to the south of the Proposed Schietfontein and Krelingspost Prospecting Area, is in the process of being developed into a hatchery chicken farm.

7.1.1.8 Surface Water

The Proposed Schietfontein and Krelingspost Prospecting Area fall within quaternary catchment A21J of the Crocodile River West Catchment, and forms part of the Crocodile West Marico Water Management Area.

There is a non-perennial stream, a tributary of the Kareespruit, which flows from north-east to south-west, between Schietfontein and Krelingspost. The majority of the drainage on Schietfontein and Krelingspost is primarily by sheet flow. The Schietfontein area drains from west towards the tributary and the Krelingspost area drains from the east to the tributary.

Surface water quality in the region generally exhibits high levels of nitrate, which are elevated above the recommended Department of Water and Forestry ("DWAF") domestic use guidelines (DWAF Water Quality Guidelines, 1996). Water in the Crocodile River (the nearest perennial water source to the area) does not meet applicable irrigation standards for total dissolved solids and manganese concentrations.

According to the National Freshwater Ecosystem Priority Areas (FEPAs) database for river ecosystems the tributary has been classified with a Present Ecological State (PES) of Class C: Moderately Modified (DWS, 1999).

b) Implications for the Proposed Project

There is a non-perennial stream, a tributary of the Kareespruit, which flows from north-east to south-west, and form the border between Schietfontein and Krelingspost. The Proposed Project will unlikely disturb the surface flow. If it does, the impact would be temporary; and the natural gradient will be restored after the prospecting activities. Due to activities undertaken as part of the Proposed Project potentially (but unlikely) being located within the 32 meters of a watercourse, the relevant listed activities were included as part of the Proposed Project Environmental Application. It is further recommended that a Wetland verification Study and a Water Use Risk Assessment be undertaken after authorisation but prior to the commencement of the Proposed Project.

7.1.1.9 Geohydrology

Groundwater is a valuable resource and is defined as water which is located beneath the ground surface in soil / rock pore spaces and the fractures of lithological formations. Groundwater in and surrounding the Proposed Schietfontein and Krelingspost Prospecting Area is used mainly for mining, domestic supply and agricultural irrigation.

a) Implications for the Proposed Project

The Proposed Project will make use of non-intrusive drilling NQ (75 mm diameter) core drilling, and will highly unlikely have a groundwater impact. The potential impact

of prospecting related surface water and fluids reaching the groundwater has been addressed in the EMP. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts.

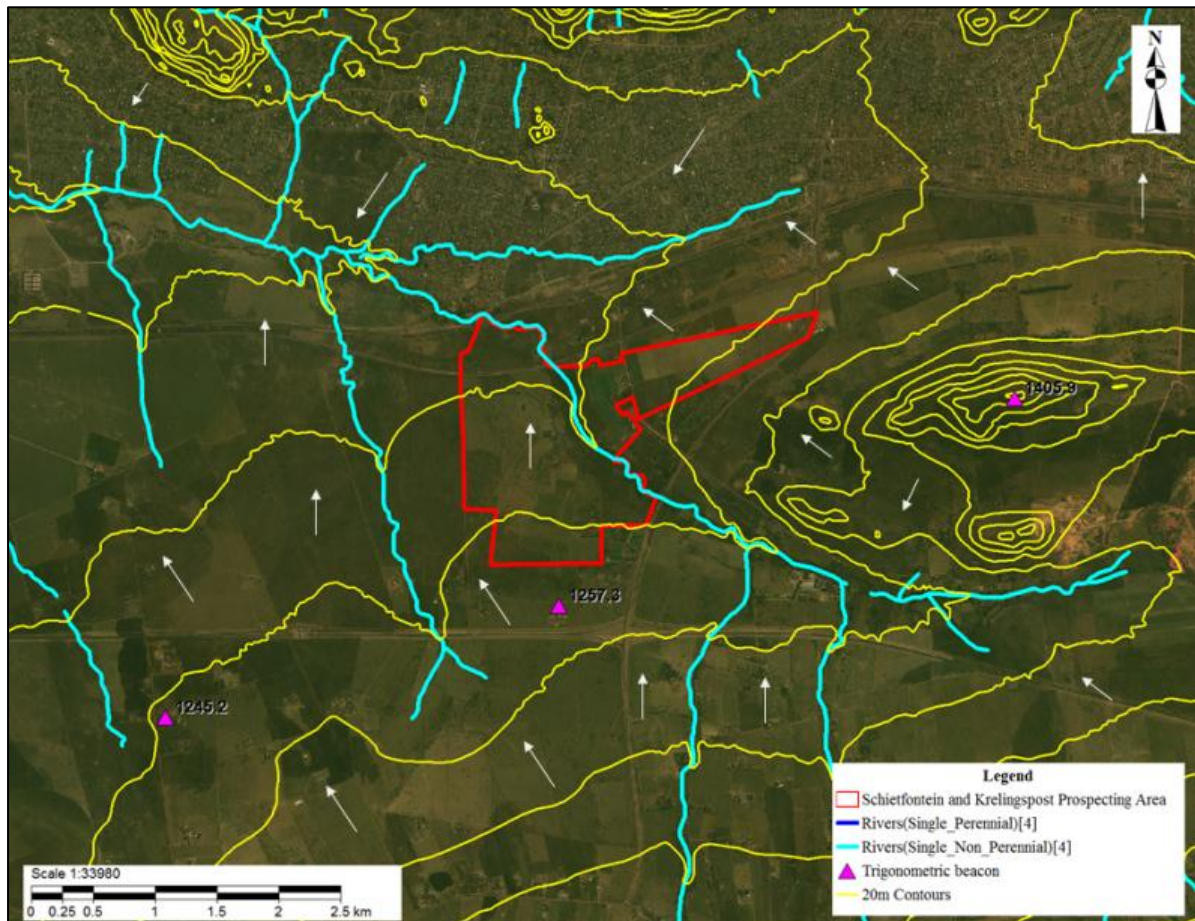


Figure 16: Surface Hydrology Map

7.1.1.10 Biodiversity

According to the NWP Biodiversity Conservation Assessment, about 40% of the NWP's ecosystems are under severe pressure. The Proposed Schietfontein and Krelingspost Prospecting Area is located within the Savanna Biome and is depicted in **Figure 17** below (Rutherford & Westfall, 1994 and Mucina & Rutherford, 2006). The Savanna Biome is regarded as the spatially largest biome in South Africa, comprising some 32.5% of the country (Rutherford & Westfall, 1994).

Mucina & Rutherford (2006) have further defined bioregions as being spatial terrestrial units which have similar biotic, physical features and processes at regional scale. The Central Bushveld Bioregion forms part of the Savanna Biome. The Central Bushveld Bioregion has the highest number of vegetation types and covers most of the high-lying plateau west of the main escarpment from the Magaliesberg in the south to the Soutpansberg in the north.

The MLM recognises four formal land-based protected areas, including two Nature Reserves, one World Heritage Site and one Protected Natural Environment. No RAMSAR sites are located within MLM and, therefore, there are no internationally recognised areas of significance.

a) Conservation Characteristics of the Proposed Schietfontein and Krelingspost Prospecting Area

The following table contains data accessed as part of the desktop assessment. It is important to note that, although all data sources used provide useful and often verifiable high-quality data, the various databases do not always provide an entirely accurate indication of the Proposed Schietfontein and Krelingspost Prospecting Area's actual biodiversity characteristics.

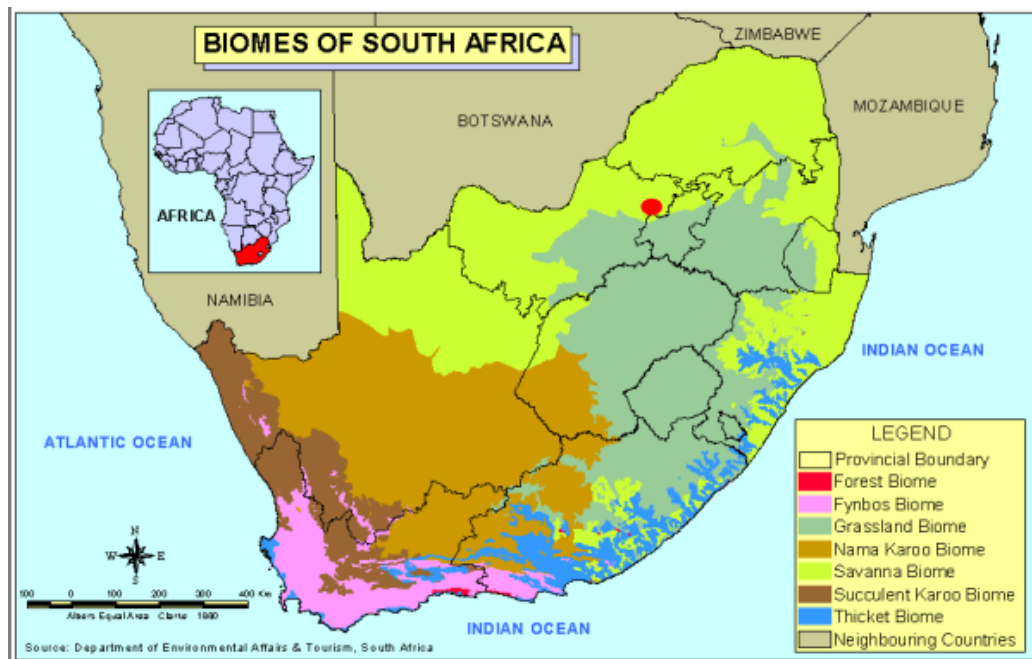


Figure 17: Biomes associated with the Proposed Schietfontein and Krelingspost Prospecting Area.

Table 10: Summary of the conservation characteristics for the EM Surface Area.

DETAILS OF THE SCHIETFontein AND KRELINGSPOST PROSPECTING AREA IN TERMS OF MUCINA & RUTHERFORD (2012)		DESCRIPTION OF THE VEGETATION TYPE(S) RELEVANT TO THE PROSPECTING AREA (MUCINA & RUTHERFORD 2012)	
Biome	The Proposed Schietfontein and Krelingspost Prospecting Area is situated within the Savanna Biome .	Vegetation Type	Marikana Thornveld
Bioregion	The Proposed Schietfontein and Krelingspost Prospecting Area is located within the Central Bushveld Bioregion	Climate	Summer rainfall with very dry winters
Vegetation Type	The Proposed Schietfontein and Krelingspost Prospecting Area is situated within the Marikana Thornveld	Altitude (m)	1050 - 1450
CONSERVATION DETAILS PERTAINING TO SCHIETFontein AND KRELINGSPOST PROSPECTING AREA (VARIOUS DATABASES)		MAP* (mm)	682
NBA (2011)	The Proposed Schietfontein and Krelingspost Prospecting Area falls within an area that is currently not protected.	MAT* (°C)	19.4
National Threatened Ecosystems (2011)	The entire Proposed Schietfontein and Krelingspost Prospecting Area falls within the remaining extent of the vulnerable Marikana Thornveld Ecosystem.	MFD* (Days)	21
		MAPE* (mm)	2284
SACAD (2017), SAPAD (2017) & NPAES (2009)	According to SACAD (2019, Q1), the Proposed Prospecting Area falls within the Magaliesberg Biosphere Reserve. The SAPAD (2018, Q1) and NPAES (2009) database indicates that the MPNE is situated ± 3.1 km south of the Proposed Schietfontein and Krelingspost Prospecting Area. SAPAD (2018, Q1) additionally shows the Hartbeespoort Dam Nature Reserve to be located ± 4.1 km south west of the Area and the M'Nandi Private Nature Reserve ± 0.2 km east of the Proposed Prospecting Area. No other protected areas are located within 10 km of the Proposed Prospecting Area.	MASMS* (%)	76
		Distribution	NWP and Gauteng Provinces
IBA (2015)	The Proposed Schietfontein and Krelingspost Prospecting Area is located the Magaliesberg Important Bird Area ("IBA") (Refer to Figure19). The most important trigger species in the IBA is the globally threatened Cape Vulture.	Geology & Soils	The BIC comprises of volcanic rocks (Rooiberg Group); a mafic layered suite (RLS); and sheeted granite (Lebowa Granite Suite) emplaced onto and within sediments of the Transvaal Supergroup. The Proposed Schietfontein and Krelingspost Prospecting Area is dominated by a red soil, with a high base status that is freely drained and structureless. The north-western corner of the Proposed Schietfontein and Krelingspost Prospecting Area consists of dark coloured swelling clay soils.
MINING AND BIODIVERSITY GUIDELINES (2013) (Refer to Figure 18).		Conservation	Endangered. Approximately 3% conserved. Conservation target is 24%.
Highest Biodiversity Importance	Most of the portions of the Proposed Schietfontein and Krelingspost Prospecting Area are situated within an area considered of highest biodiversity importance. These areas include critically endangered and endangered ecosystems, CBAs (or equivalent areas) from provincial spatial biodiversity plans, river and wetland FEPAs, and a 1km buffer around these FEPAs, as well as RAMSAR Sites. These areas are important for conserving biodiversity for: (i) supporting / buffering other biodiversity priority areas; and (ii) maintaining important ecosystem services for particular	Vegetation & landscape features	Open <i>Vachellia karroo</i> woodland, occurring in valleys and slightly undulating plains, and some lowland hills. Shrubs are denser along drainage lines, on termitaria and rocky outcrops or in other habitat protected from fire.

	communities or the country as a whole. Mining options may be limited in these areas, and red flags for mining projects are possible. Authorisations may set limits and specify biodiversity offsets that would be written into licence agreements and/or authorisations.	NORTH WEST BIODIVERSITY SECTOR PLAN (NW BSP, 2015) - (Refer to Figure 21).
High Biodiversity Importance	A small portion of the Proposed Schietfontein and Krelingspost Prospecting Area falls within an area considered of high biodiversity importance. High biodiversity importance areas include protected area buffers (around national parks, world heritage sites and nature reserves), Transfrontier conservation areas (remaining areas outside of formally proclaimed protected areas), other identified priorities from provincial spatial biodiversity plans and high-water yield areas, amongst others. These areas are important for conserving biodiversity, for supporting / buffering other biodiversity priority areas, for maintaining important ecosystem services for particular communities or the country as a whole.	CBAs are terrestrial or aquatic areas of the landscape that need to be maintained in a natural or near natural state, to ensure the continued existence and functioning of species and ecosystems and the delivery of ecosystem services. The CBA 2 is considered a critical corridor linkage; forms part of the 5km Protected Areas buffer; and is an important bird area in a natural state. If these areas are not in a natural state, they are then categorised as ESA2. ESAs are terrestrial and aquatic areas that are not essential for meeting biodiversity representation targets (thresholds) but which nevertheless play an important role in supporting the ecological functioning of CBAs and / or in delivering ecosystem services that support socio-economic development, such as water provision, flood mitigation or carbon sequestration.
Moderate Biodiversity Importance	Only two small sections on Krelingspost are situated within an area considered of moderate biodiversity importance. Moderate biodiversity important areas include Ecological Support Areas ("ESAs"), vulnerable ecosystems and focus areas for protected area expansion. These areas are of moderate biodiversity value and therefore pose a moderate risk to mining. EIAs and associated specialist studies should focus on confirming the presence and significance of these biodiversity features, identifying features (e.g. threatened species) not included in the existing datasets, and providing site-specific information to guide the application of the mitigation hierarchy.	A large section of the western area of Schietfontein has been demarcated as CBA 2 and the south section as ESA 2 in terms of the NW BSP, 2015. A large section of the Krelingspost area has been demarcated as ESA 2 with the eastern section as CBA2 and ESA1. The non-perennial stream situated between the Proposed Schietfontein and Krelingspost Prospecting Area has an ESA1 and ESA2 demarcation in terms of the NWP Aquatic Biodiversity Plan (Refer to Map). It is evident that the NW BSP, 2015 is a planning tool that doesn't correlate to the actual status quo on the ground.

NBA = National Biodiversity Assessment; SAPAD = South African Protected Areas Database; SACAD = South African Conservation Areas Database; NPAES = National Protected Areas Expansion Strategy; IBA = Important Bird Area; MAP = Mean annual precipitation; MAT = Mean annual temperature; MAPE = Mean annual potential evaporation; MFD = Mean Frost Days; MASMS = Mean annual soil moisture stress (% of days when evaporative demand was more than double the soil moisture supply).

MINING AND BIODIVERSITY GUIDELINES (2013)
BIODIVERSITY IMPORTANCE

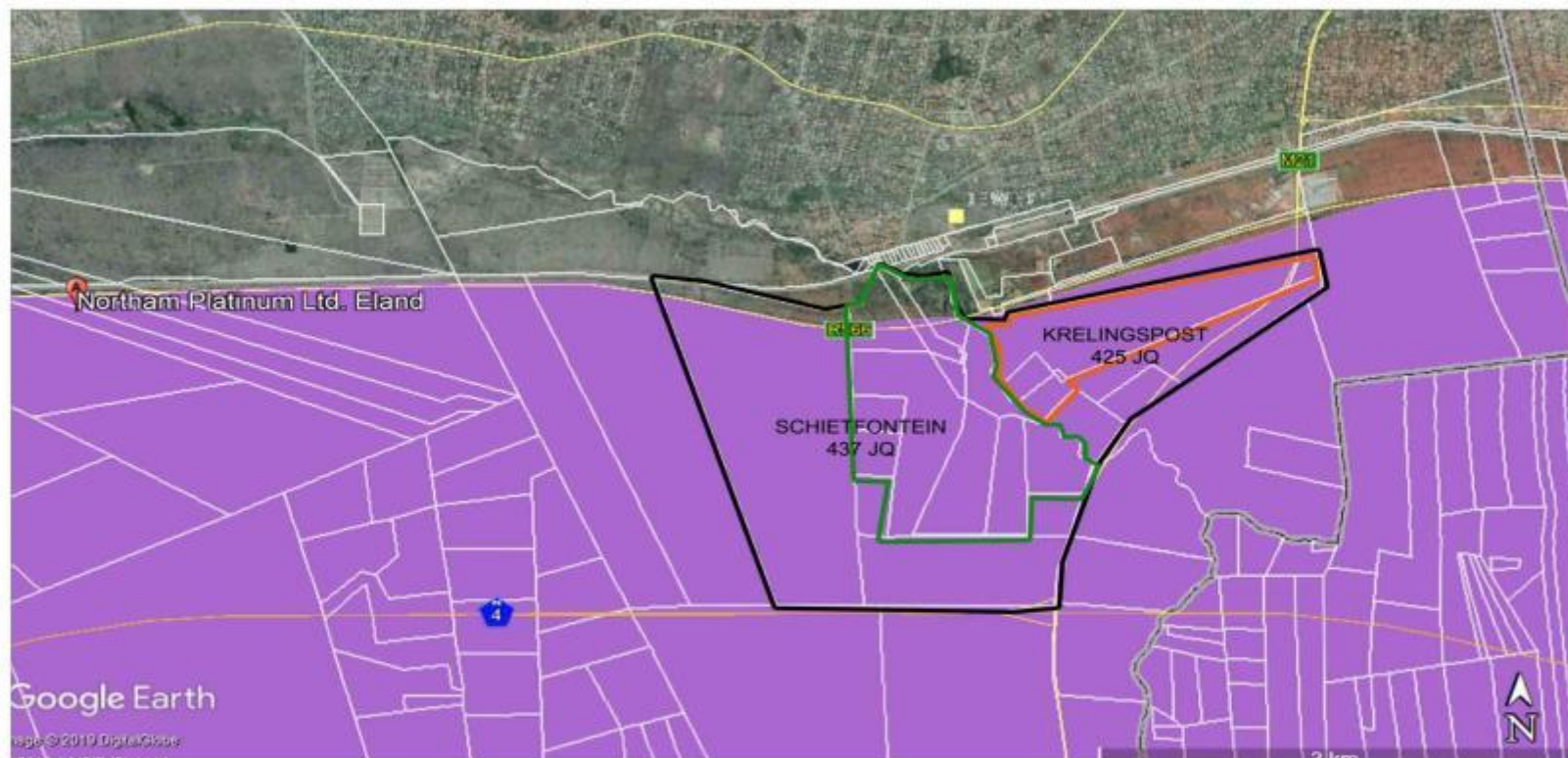


- LEGEND
- Highest biodiversity importance - highest risk for mining
 - High biodiversity importance - high risk to mining
 - Moderate biodiversity importance - moderate risk for mining



Figure 18: Mining and Biodiversity Guidelines (2013)

MAGALIESBERG IMPORTANT BIRD AND BIODIVERSITY AREA (IBA, 2015).



LEGEND



MAGALIESBERG IBA



Figure 19: Proposed Schietfontein and Krelingspost Prospecting Area within the Magaliesberg Important Bird and Biodiversity Area.

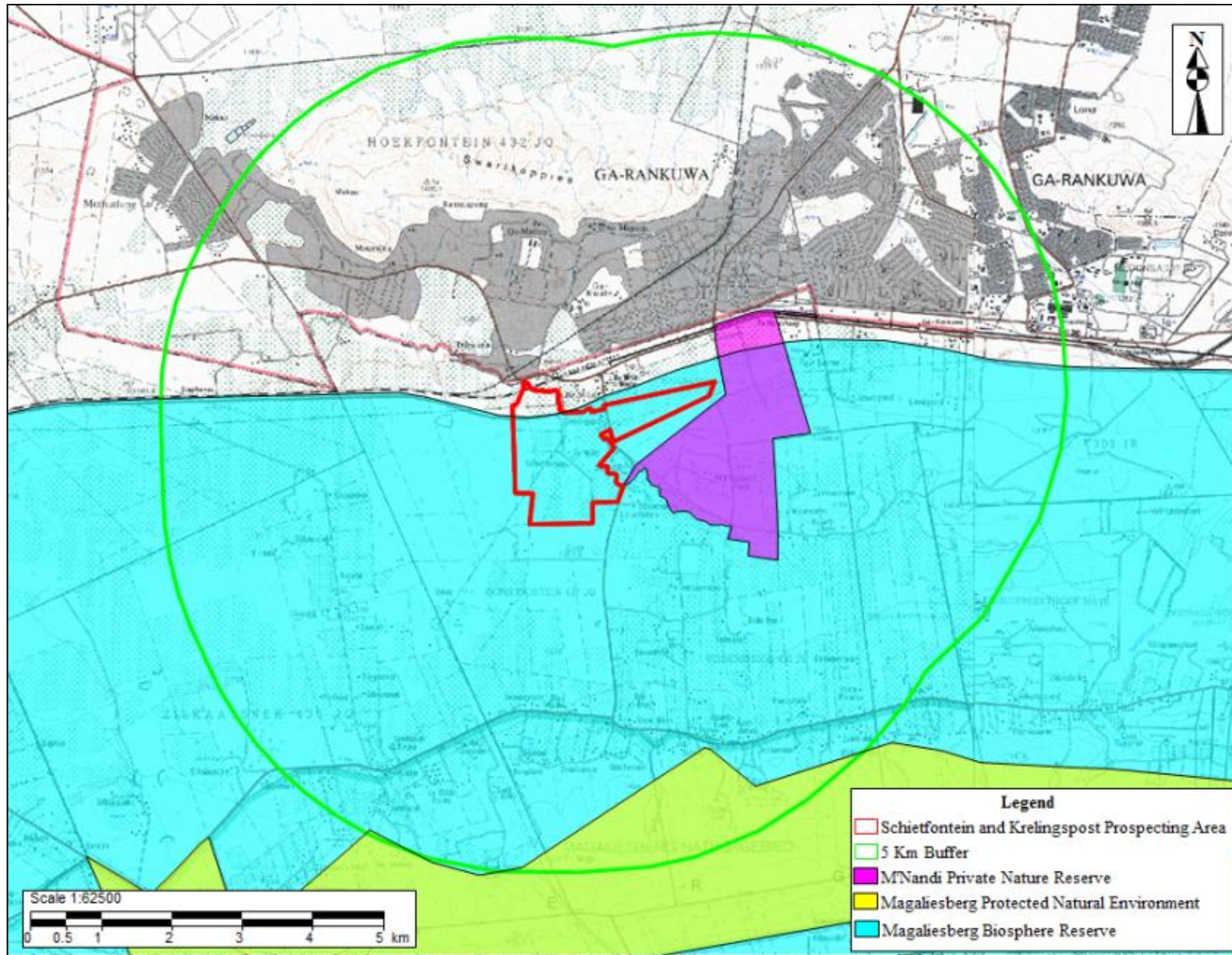


Figure 20: Protected Areas, Nature and other Reserves in relation to the Proposed Schietfontein and Krelingspost Prospecting Area

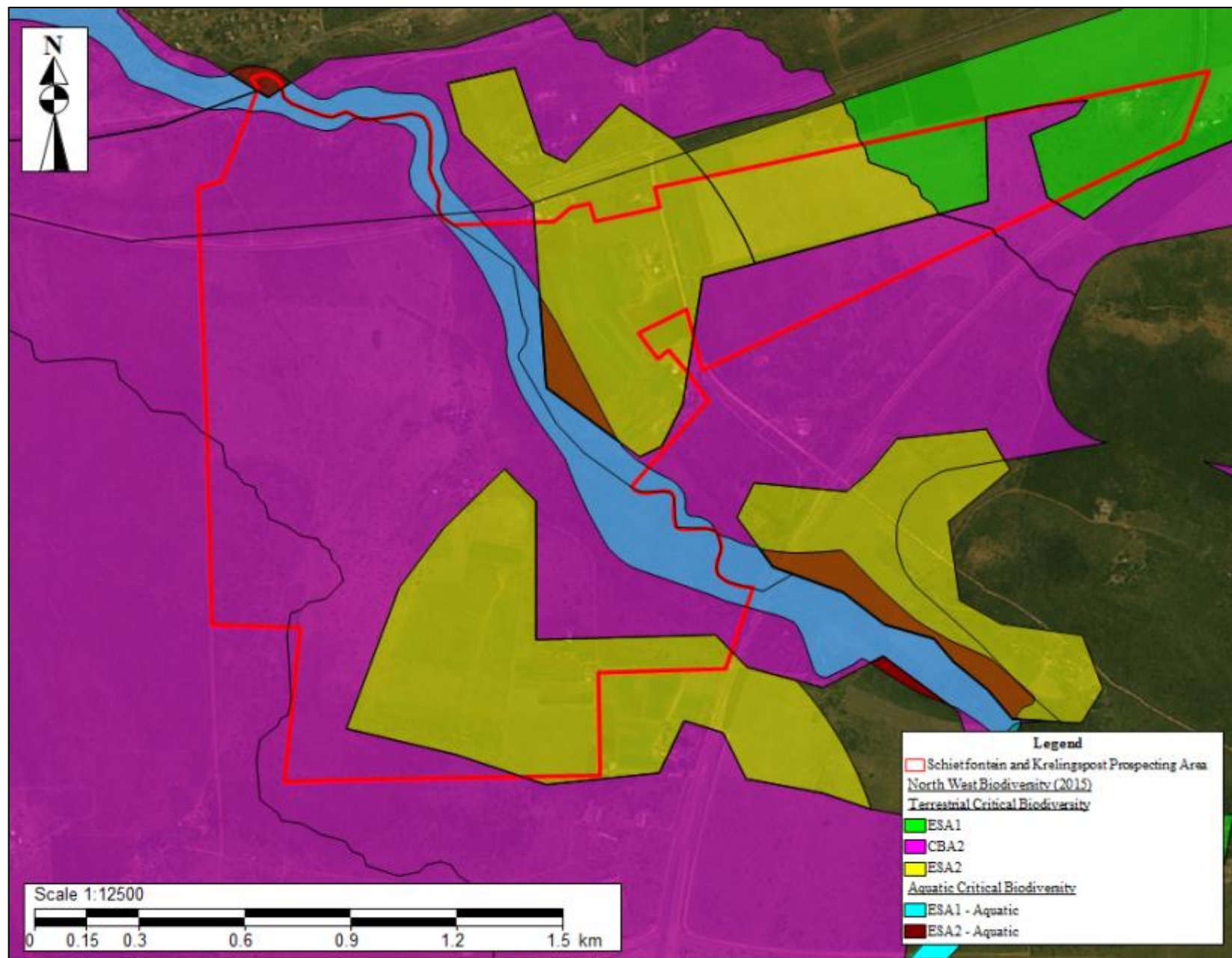


Figure 21: NWP Biodiversity Plan in relation to the Proposed Schietfontein and Krelingspost Prospecting Area

b) Desktop analysis of the Proposed Schietfontein and Krelingspost Prospecting Area

The following reports were reviewed as part of the desktop analysis in establishing the biodiversity and ecological resources within the Proposed Schietfontein and Krelingspost Prospecting Area:

- Biodiversity Study for the EIA Application for the Development of a Diesel Depot in Krelingspost, North West Province, dated March 2019 and conducted by Mveledzo Environmental and Safety Solutions Pty Ltd.
- Ecological Assessment for the proposed development of a 50MW Solar Farm on Portions 26, 27 and 28 of the Farm Schietfontein 437-JQ, Madibeng Local Municipality, North West Province, dated November 2015 and conducted by Vincent van der Merwe and Clayton Cook.
- Biodiversity Habitat Assessment of Portions 22 and 41 of the Farm Schietfontein 437-JQ (Q4 City), dated May 2014 and compiled by Galago Environmental.
- Herpetofauna Habitat Assessment of Portions 22 and 41 of the Farm Schietfontein 437-JQ (Q4 City), dated May 2014 and compiled by Galago Environmental.
- Avifaunal Habitat Assessment of Portions 22 and 41 of the Farm Schietfontein 437-JQ (Q4 City), dated May 2014 and compiled by Galago Environmental.
- Mammal Species Richness and Habitat Assessment of Portions 22 and 41 of the Farm Schietfontein 437-JQ (Q4 City), dated May 2014 and compiled by Galago Environmental.
- Flora Assessment of Portions 22 and 41 of the Farm Schietfontein 437-JQ (Q4 City), dated May 2014 and Compiled by Galago Environmental.
- Avifaunal Habitat Assessment of Proposed 50MW PV Solar Farm on Portions 26 - 28, 106, 107 and the Remainder of Portion 15 of the Farm Schietfontein 437 JQ, dated May 2016 and compiled by Galago Environmental.
- Terrestrial Ecological Assessment as part of the Environmental Assessment and Environmental Authorisation Process for the Upgrading Activities at Northam Eland Platinum Mine, near Brits, North West Province, dated June 2018 and compiled by SAS Environmental.

- Freshwater Resource Ecological Assessment as part of the Environmental Assessment and Environmental Authorisation Process for the Upgrading Activities at Northam Eland Platinum Mine, near Brits, North West Province, dated June 2018 and compiled by SAS Environmental.
- Ecological Assessment for the Proposed Eland Platinum Mine Extension, dated March 2010 and compiled by SAS Environmental.
- Grass Owl Assessment for Xstrata's Eland Platinum Mine, near Brits, North West Province, dated May 2010 and compiled by NSS.
- Ecological Impact Assessment for Eland Mine, dated May 2006 and Compiled by Delta Environmental Consultants.
- Biodiversity: Faunal Life Specialist Study Report and Action Plan prepared for Eland Platinum, dated January 2009 and compiled by SAS Environmental.
- Biodiversity: Floral Life Specialist Study Report and Action Plan prepared for Eland Platinum, dated January 2009 and compiled by SAS Environmental.
- Follow-Up African Grass-Owl Survey Prepared for Glencore Eland Platinum Mine, Brits, dated December 2013 and compiled by SAS Environmental.
- Terrestrial Monitoring Programme for Glencore Xstrata Eland Platinum Mine, dated November 2013 and compiled by SAS Environmental.
- Flora

The following tables represent the floral specials of conservation concern in the North West Province.

Table 11: Threatened Plant Species of Conservation Concern for the North West Province (NWBSP, 2015)

Family	Scientific Name	NWBSP 2015 Status	National Status	Habitat
ACANTHACEAE	<i>Barleria media</i>	VU	VU	Uncertain, possibly rocky slopes or koppies. Kalahari region near Kuruman
ANACAMPSEROTACEAE	<i>Anacampseros decapitata</i>	VU	VU	Shallow soils derived from coarse quartzite and sandstone sediments. Magaliesberg Mountain Range, near Rustenburg.

APOCYNACEAE	<i>Brachystelma canum</i>	CR	CR PE	Sandy Terminalia veld. Between Setlagole and Mafeking
APOCYNACEAE	<i>Brachystelma gracillimum</i>	CR	CR	Sandy loams in Thornveld. Marico district, east of Ramotswa
APOCYNACEAE	<i>Ceropegia insignis</i>	EN	EN	Stony slopes and sandy soils in grassland and open Savanna. Northern NWP and adjacent areas in Limpopo Province between Ramotswa and Dwaalboom. It possibly also occurs in adjacent areas in Botswana.
APOCYNACEAE	<i>Brachystelma dimorphum</i>	VU	VU	Alluvial soils and large, shallow pans in grassland. Kimberley to Vryburg and Bloemfontein.
APOCYNACEAE	<i>Brachystelma incanum</i>	VU	VU	Sandy loam soils in thornveld and Themeda grassland. Lichtenburg to Wolmaransstad and Sasolburg.
APOCYNACEAE	<i>Ceropegia stentiae</i>	VU	EN	Rocky outcrops and hill slopes in short, open sparse woodland. Polokwane to Mookgophong.
APOCYNACEAE	<i>Miraglossum laeve</i>	VU	CR PE	Hills in Gold Reef Mountain Bushveld and possibly Gauteng Shale Mountain Bushveld. Hills south of Pretoria and the Vredefort Dome north-east of Parys.
ASPHODELACEAE	<i>Aloe peglerae</i>	VU	CR	Grassland, in shallow, gravely quartzitic soils on rocky, north-facing slopes or summits of ridges
ASTERACEAE	<i>Senecio holubii</i>	DD CR	CR PE	Zeerust District
EUPHORBIACEAE	<i>Euphorbia knobelii</i>	EN	EN	Woodland and thornveld, wedged among large rocks on the slopes of quartzitic ridges, 1000 - 1200 m.
EUPHORBIACEAE	<i>Euphorbia perangusta</i>	EN	DD	Woodland and thornveld, wedged among large rocks on the slopes of quartzitic ridges, 1000 - 1200 m. Marico district
FABACEAE	<i>Indigofera commixta</i>	VU	LC	Rocky hills in grassland and thornveld. Wolmaransstad to Christiana.

LOBELIACEAE	<i>Lobelia cuneifolia</i> var. <i>ananda</i>	VU	Critically rare	Shaded seeps on vertical rock-faces in narrow gullies. Magaliesberg near Rustenburg.
ROSACEAE	<i>Prunus africana</i>	VU	VU	Evergreen forests near the coast, inland mistbelt forests and afro-montane forests up to 2100 m.

CR PE = Critically Endangered (Possibly Extinct); CR = Critically Endangered; EN = Endangered; VU = Vulnerable; DD = Data Deficient; NT = Near Threatened; LC = Least Concern

Table 12: PRECIS plant list for the QDS 2527DB (Raimondo et al., 2009; SANBI, www.sanbi.org).

Family	Species	2009 Threat Status (PRECIS)	SANBI Red List Status (2016)	Habitat description
CRASSULACEAE	<i>Adromischus umbraticola</i> subsp. <i>umbraticola</i>	NT	NT	South-facing rock crevices on ridges, restricted to Gold Reef Mountain Bushveld in the northern parts of its range, and Andesite Mountain Bushveld in the south
AMARYLLIDACEAE	<i>Boophone disticha</i>	Declining	LC	Dry grassland and rocky areas.
AMARYLLIDACEAE	<i>Crinum macowanii</i>	Declining	LC	Mountain grassland and stony slopes in hard dry shale, gravelly soil or sandy flats
AQUIFOLIACEAE	<i>Ilex mitis</i> var. <i>mitis</i>	Declining	LC	Along rivers and streams in forest and thickets, sometimes in the open. Found from sea level to inland mountain slopes
APOCYNACEAE	<i>Stenostelma umbelluliferum</i>	NT	NT	Deep black turf in open woodland mainly in the vicinity of drainage lines.

NT = Near Threatened;

Table 13: Additional Protected plants listed for the NWP by the TOPS Regulations

Family	Scientific Name	Threat Status	Habitat
HYACINTHACEAE	<i>Drimia sanguinea</i>	NT	Open veld and scrubby woodland in a variety of soil types
PEDALIACEAE	<i>Harpagophytum procumbens</i>	LC	Well drained sandy habitats in open savanna and woodlands.
GERANIACEAE	<i>Pelargonium sidoides</i>	LC	Usually in short grassland, sometimes with occasional

			shrubs or trees, often in stony soils varying from clay-loam, shale or basalt.
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CR = Critically Endangered; EN = Endangered; VU = Vulnerable; DD = Data Deficient; NT = Near Threatened; LC = Least Concern

- Fauna

The following tables represent the faunal species of conservation concern in the NWP.

Table 14: Mammal species of conservation concern in the NWP (NWBSP, 2015).

Scientific Name	Common Name	Friedmann & Daly (2004)	IUCN Status
<i>Acinonyx jubatus</i>	Cheetah	VU	VU
<i>Atelerix frontalis</i>	African Hedgehog	NT	LC
<i>Ceratotherium simum</i>	White Rhino	LC	NT
<i>Chrysospalax villosus</i> *	Rough-haired golden mole*	CR	VU
<i>Cloeotis percivali</i>	Short-eared trident bat	CR	LC
<i>Crocuta</i>	Spotted Hyena	NT	LC
<i>Damaliscus lunatus</i>	Tsessebe	EN	LC
<i>Dasymus incomtus</i>	African Marsh Rat	NT	LC
<i>Diceros bicornis minor</i>	Black Rhinoceros	CR	CR
<i>Eidolon helvum</i>	Straw-Coloured Fruit Bat	NT	NT
<i>Felis nigripes</i>	Black-Footed Cat	LC	VU
<i>Felis silvestris</i>	African Wild Cat	LC	LC
<i>Hippopotamus amphibius</i>	Hippo	LC	VU
<i>Hippotragus equinus</i>	Roan Antelope	VU	LC
<i>Hippotragus niger</i>	Sable Antelope	VU	LC
<i>Hyaena brunnea</i>	Brown Hyena	NT	NT
<i>Leptailurus seval</i>	Serval	NT	LC
<i>Loxodonta africana</i>	African Savanna Elephant	LC	VU
<i>Lutra (Hydrictis) maculicollis</i>	Spotted-necked otter	NT	NT
<i>Lycaon pictus</i>	African Wild dog	EN	EN
<i>Mellivora capensis</i>	Honey Badger	NT	LC
<i>Miniopterus schreibersii</i>	Shreibers' Long-Fingered Bat	NT	NT
<i>Myotis tricolor</i>	Temminck's Hairy Bat	NT	LC
<i>Mystromys albicaudatus</i>	White-tailed mouse	EN	EN
<i>Ourebia ourebi</i>	Oribi	EN	LC
<i>Panthera leo</i>	Lion	LC	VU

<i>Panthera pardus</i>	Leopard	LC	VU
<i>Pelea capreolus</i>	Grey Rhebok	LC	LC
<i>Pipistrellus rusticus</i>	Rusty Pipistrelle	NT	LC
<i>Poecilogale albinucha</i>	African Striped Weasel	DD	LC
<i>Redunca arundinum</i>	Southern reedbuck	LC	LC
<i>Rhinolophus clivosus</i>	Geoffroy's Horseshoe Bat	NT	LC
<i>Rhinolophus darlingi</i>	Darling's Horseshoe Bat	NT	LC
<i>Rhinolophus denti</i>	Dent's Horseshoe Bat	NT	LC
<i>Smutsia temminckii</i>	Ground Pangolin	VU	VU
<i>Thallomys nigricauda</i>	Black-Tailed Tree Rat	LC	LC

CR = Critically Endangered, EN = Endangered, VU = Vulnerable, NT = Near Threatened, DD = Data Deficient; LC = Least Concern

* This species was previously listed in the NWP Environmental Outlook Report of 2008 (NW DACE, 2008). The NWBSP states that an on the ground effort is required to determine whether any golden moles are present within the province.

Table 15: Avifaunal species of conservation concern in the NWP (NWBSP, 2015).

Scientific name	Common name	Provincial (2012)	National (Taylor et al., 2015)	IUCN Status
<i>Alcedo semitorquata</i>	Half-collared Kingfisher	NT	NT	LC
<i>Anastomus lamelligerus</i>	African Openbill Stork	NT	LC	LC
<i>Anthropoides paradiseus</i>	Blue Crane	VU	NT	VU
<i>Aquila rapax</i>	Tawny Eagle	VU	EN	LC
<i>Ardeotis kori</i>	Kori Bustard	VU	NT	NT
<i>Buphagus erythrorhynchus</i>	Red-billed Oxpecker	NT	LC	LC
<i>Certhilauda chuana</i>	Short-clawed Lark	NT	NT	LC
<i>Charadrius pallidus</i>	Chestnut-banded Plover	NT	NT	NT
<i>Ciconia nigra</i>	Black Stork	NT	VU	LC
<i>Circus macrourus</i>	Pallid Harrier	NT	NT	NT
<i>Circus maurus</i>	Black Harrier	NT	EN	VU
<i>Circus ranivorus</i>	African Marsh Harrier	VU	EN	LC
<i>Ephippiorhynchus senegalensis</i>	Saddle-billed Stork	EN	EN	LC
<i>Eupodotis cafra</i> (<i>senegalensis</i>)	White-bellied Korhaan	VU	VU	LC
<i>Falco biarmicus</i>	Lanner Falcon	NT	VU	LC
<i>Falco naumanni</i>	Lesser kestrel	VU	LC	LC
<i>Falco peregrinus</i>	Peregrine Falcon	NT	LC	LC
<i>Glareola nordmanni</i>	Black-winged Pratincole	NT	NT	NT

<i>Gorsachius leuconotus</i>	White-backed Night Heron	VU	VU	LC
<i>Gyps africanus</i>	African White-backed Vulture	VU	CR	CR
<i>Gyps coprotheres</i>	Cape Vulture	VU	EN	EN
<i>Hieraaetus ayresii</i>	Ayres's Eagle	NT	LC	LC
<i>Leptoptilos crumeniferus</i>	Marabou Stork	NT	NT	LC
<i>Mirafraga cheniana</i>	Melodious Lark	NT	LC	NT
<i>Mycteria ibis</i>	Yellow-billed Stork	NT	EN	LC
<i>Neotis denhami</i>	Denham's Bustard	VU	VU	NT
<i>Pelecanus onocrotalus</i>	Great White Pelican	NT	VU	LC
<i>Pelicanus rufescens</i>	Pink-backed Pelican	VU	VU	LC
<i>Phoenicopeterus minor</i>	Lesser Flamingo	NT	NT	NT
<i>Phoenicopeterus ruber</i>	Greater Flamingo	NT	NT	LC
<i>Podica senegalensis</i>	African Finfoot	VU	VU	LC
<i>Polemaetus bellicosus</i>	Martial Eagle	VU	EN	VU
<i>Pterocles gutturalis</i>	Yellow-throated Sandgrouse	NT	NT	LC
<i>Rostratula benghalensis</i>	Greater Painted Snipe	NT	NT	LC
<i>Rynchops flavirostris</i>	African Skimmer	Regionally EX		NT
<i>Sagittarius serpentarius</i>	Secretarybird	NT	VU	VU
<i>Sterna caspia</i>	Caspian Tern	NT	VU	LC
<i>Terathopius ecaudatus</i>	Bataleur	VU	EN	NT
<i>Torgos tracheliotus</i>	Lappet-faced Vulture	VU	EN	EN
<i>Tyto capensis</i>	African Grass Owl	VU	VU	LC

CR = Critically endangered; EN = Endangered; VU = Vulnerable, NT = Near Threatened, EX = Extinct, LC = Least concern,

Table 16: Reptile species of conservation concern in the NWP (NWBSP, 2015).

Scientific name	Common name	Power & Verbugt (2014)	IUCN Status
<i>Chamaesaura aenea</i>	Coppery Grass Lizard	NT	NYBA
<i>Crocodylus niloticus</i>	Nile Crocodile	VU	LC
<i>Homoroselaps dorsalis</i>	Striped Harlequin snake	NT	NT
<i>Python natalensis</i>	Southern African Python	LC	NYBA

NT = Near Threatened, VU = Vulnerable; NYBA= Not Yet Been Assessed, LC = Least Concern

Table 17: Amphibian species of conservation concern in the NWP (NWBSP, 2015).

Scientific Name	Common Name	Power & Verbugt (2014)	IUCN Status
<i>Pyxicephalus adspersus</i>	African Giant Bullfrog	NT	LC

NT = Near Threatened, LC = Least Concern

Table 18: Arachnid species of conservation concern in the NWP (NW BSP, 2015).

Scientific name	Common Name	IUCN Status
<i>Aelurillus cristatopalpus</i>	Jumping Spiders	NYBA
<i>Afromarengo bimaculata</i>	Jumping Spiders	NYBA
<i>Ariadna similis</i>	Jack-in-a-box Spiders	NYBA
<i>Austrachelas merwei</i>	Corrinid Sac Spider	NYBA
<i>Cyatholipus isolatus</i>	Spotted Tree Sheet-web Spiders	NYBA
<i>Diores femoralis</i>	Zodariid Ground Spiders	NYBA
<i>Diphyia simoni</i>	Long-jawed Orb Weavers	NYBA
<i>Eusparassus borakalalo</i>	Huntsman Spiders	NYBA
<i>Evarcha flagellaris</i>	Jumping Spiders	NYBA
<i>Galeosoma coronatum</i>	Armoured Trapdoor Spiders	NYBA
<i>Galeosoma crinitum</i>	Armoured Trapdoor Spiders	NYBA
<i>Galeosoma scutatum</i>	Armoured Trapdoor Spiders	NYBA
<i>Idiops pallus</i>	Armoured Trapdoor Spiders	NYBA
<i>Langona manicata</i>	Jumping Spiders	NYBA
<i>Pseudicius gracilis</i>	Jumping Spiders	NYBA
<i>Rhene konradi</i>	Jumping Spiders	NYBA
<i>Setaphis sexmaculata</i>	Ground Spiders	NYBA

Table 19: Threatened invertebrate species of NWP (NW DACE, 2008).

Scientific name	Common Name	NW Status 2008	IUCN Status
<i>Metisella meninx</i>	Marsh Sylph	VU	NYBA
<i>Lepidochrysops praeterita</i>	Highveld Blue	EN	NYBA
<i>Platylesches dolomitica</i>	Hilltop Hopper	VU	NYBA
<i>Lepidochrysops hypopolia</i>	Morant's blue	EX	EX

EN = Endangered, VU = Vulnerable, EX=Extinct, NYBA= Not Yet Been Assessed

Table 20: Avifaunal Species for the pentads 2535_2750 and 2535_2755 within the QDS 2527DB

Pentads	Link to pentad summary on the South African Bird Atlas Project 2 web page
2535_2750	http://sabap2.adu.org.za/pentad_info.php?pentad=2535_2750#menu_top
2535_2755	http://sabap2.adu.org.za/pentad_info.php?pentad=2535_2755#menu_top

c) Implications for the Proposed Project

It is estimated that the total area disturbed for the Proposed Project will be approximately +/- 4000 m². The Proposed Project will be temporary. It will not compromise habitat connectivity and the Proposed Schietfontein and Krelingspost Prospecting Area will be rehabilitated after the Proposed Project has been completed. Existing roads and tracks will be used as far as possible to access prospecting drilling sites and existing disturbed areas will be utilised as far as possible. It is recommended that the final site selection be determined by a third party Biodiversity Specialist.

7.1.1.11 Air Quality

The Brits-Rustenburg Region is the industrial hub of the NWP, with all the platinum, chromium and vanadium mines located in this Region.

The Proposed Schietfontein and Krelingspost Prospecting Area falls within the Waterberg-Bojanala NPA, as contemplated in section 18(1) of NEM:AQA. The Waterberg-Bojanala NPA was established due to the exceedance of the ambient air quality standards; or alternatively that a situation exists within the area which is causing or may cause a significant negative impact on air quality in the area and the area requires specific air quality management action to rectify the situation.

The main sources of pollution include:

- Industrial sources

Hernic Ferrochrome is located west of the Proposed Schietfontein and Krelingspost Prospecting Area. Emissions derived from its smelter operations include particulates (PM10 size fraction, including heavy metals); sulphur dioxide (SO₂); oxides of nitrogen (NO_x); carbon dioxide (CO₂); and, to a lesser extent, hydrogen sulphide (H₂S), ammonia (NH₃), hydrochloric acid, hydrogen fluoride, etc. Heavy metals include magnesium, trivalent chromium, iron, aluminium, zinc, calcium, potassium, sodium, manganese, titanium, tin, lead, hexavalent chrome, barium, and vanadium.

- Fugitive dust sources

These sources are termed fugitive because they are not discharged to the atmosphere in a confined flow stream. The Proposed Schietfontein and Krelingspost Prospecting Area is located directly east of EM. Sources of fugitive dust identified to potentially occur in the EM Surface Area include paved and unpaved roads; agricultural tilling operations; blasting and mining activities; and wind erosion of sparsely vegetated surfaces.

Agricultural activities that potentially generate dust are taking place on the Proposed Schietfontein and Krelingspost Prospecting Area.

There are also unpaved roads in this area contributing to dust pollution. Emissions from unpaved roads constitute a major emission to the atmosphere in South Africa. Dust emissions from unpaved roads vary in relation to the vehicle traffic and silt loading on the roads. Emissions from paved roads are significantly less than those originating from unpaved roads, however they do contribute to the particulate load of the atmosphere. The fugitive dust emissions are due to the re-suspension of loose material on the road surface.

Emissions generated by wind erosion are dependent on the frequency of disturbance of the erodible surface. Every time that a surface is disturbed, its erosion potential is restored. Further erodible surfaces may be due to agriculture and / or grazing activities.

- Mining emission sources

The main air pollutant generated by mining activities is dust. Sources of dust include haul roads, plant operations (crushing and milling) and TSFs. The amount of dust emitted by these activities depends on the physical characteristics of the material and the way in which the material is handled.

- Domestic fuel combustion

Domestic households are known to have the potential to be one the most important sources contributing to poor air quality within residential areas. Individual households are low volume emitters but their cumulative impact is significant. It is likely that

households within the local communities / settlements utilise coal or wood for cooking and / or space heating (mainly during winter) purposes.

- *Biomass burning*

Biomass burning includes the burning of evergreen and deciduous forests, woodlands, grasslands, and agricultural lands. Within the vicinity of the Proposed Schietfontein and Krelingspost Prospecting Area, crop-residue burning and wildfires (locally known as veld fires) may represent significant sources of combustion-related emissions. In addition to the impact of biomass burning within the vicinity of the Proposed Schietfontein and Krelingspost Prospecting Area, long-range transported emissions from this source can be expected to impact on the air quality between August to October. It is impossible to control this source of atmospheric pollution loading however, it should be noted as part of the background or baseline condition before considering the impacts of other local sources.

- *Vehicle tailpipe emissions*

Emissions resulting from motor vehicles can be grouped into primary and secondary pollutants. While primary pollutants are emitted directly into the atmosphere, secondary pollutants form in the atmosphere due to chemical reactions. Significant primary pollutants emitted combustion engines include carbon dioxide (CO₂), carbon (C), and sulphur dioxide (SO₂), oxides of nitrogen (mainly NO), particulates and lead.

Secondary pollutants include NO₂, photochemical oxidants (such as ozone, sulphur acid, sulphates and nitric acid) and nitrate aerosols (particulate matter). The Proposed Schietfontein and Krelingspost Prospecting Area is bordered by three main regional roads, namely the N4, M21 and the R566 between Rosslyn and Brits.

- *Informal refuse burning*

Additional sources of emissions emanate from the waste sector and typically include informal refuse and tyre burning. The informal burning of refuse tips within community areas and burning of waste at local municipal landfill sites represents a source of concern in all provinces.

a) Dust Mitigation

There are currently no dust monitoring stations situated in the Proposed Schietfontein and Krelingspost Prospecting Area. It is proposed that dust mitigation measures be implemented during all phases of the Proposed Project, as the proposed prospecting activities will be undertaken on or near farms, smallholdings, the De Wildt Solar Farm (expected to be operational by August 2020), Kroon's Poultry Operations and other business operations.

b) Implications for the Proposed Project

The Proposed Project will generate localised and short-term dust impacts. The following activities are prone to generate dust:

- Travelling and moving of vehicles and equipment;
- Site clearance; and
- Drilling activities during the operational phase.

7.1.1.12 Noise

The general noise climate in the area and surrounds can be described as industrial / semi-rural. The area is characterised by farms and smallholdings; industrial and mining operations; and local communities' residences.

Existing sources of noise include:

- Traffic (heavy and light vehicles) on the new N4, R511 and R566 (Rosslyn road);
- Various mining operations Maroelabult, Hernic, Lonmin and including EM;
- The railway line; and
- The Brits industrial area to the west of EM.

The previous noise sampling survey, undertaken at a residence near to the R566, shows that the average daytime level corresponds to the typical level found in suburban districts with little road traffic. This was deemed by the specialist to be reasonable, considering the location of the smallholding and level of road infrastructure and industrial development in the area. The night-time ambient noise in

this area was elevated to a higher level by mining noise and specific sources of mining noise, which at times were clearly perceptible above the general ambient noise.

a) Implications for the Proposed Project

During the Proposed Project localised noise will be generated by the machinery. The potential noise impacts associated with the Proposed Project will be less intrusive than the existing and surrounding mining operations and will have a low impact to the surrounding land users. However prospecting activities must preferably be conducted during non-intrusive hours during the day and not on Saturdays, Sundays and Public Holidays.

7.1.1.13 Visual quality

Data on the visual resource was collected from topographical maps and available satellite imagery for the Proposed Schietfontein and Krelingspost Prospecting Area Surface Area.

There are many open natural areas within the Proposed Schietfontein and Krelingspost Prospecting Area that should be taken into consideration. The area around the Kareespruit is densely vegetated and special care should be taken to limit the impact on the visual quality within this area. The landscape character, aesthetic value and sense of place have been slightly altered by agricultural activities in the area. The recycling site situated in the north-eastern part of the prospecting area is the only area where the visual quality is poor.

b) Implications for the proposed prospecting activities

The Proposed Project will highly likely have a visual impact on the surrounding land-uses during the operational phase. The highest impact will be to the landowners and tenants.

The R561 and M21 forms the northern and eastern boundary of the Proposed Schietfontein and Krelingspost Prospecting Area and will likely be the routes

providing the viewshed for commuters and traffic travelling between Pretoria and Brits and Zilkaatsnek / De Wildt and Mothutlung.

7.1.1.14 Socio-Economic Environment

a) Madibeng Local Municipality

Brits was founded on 25 May 1924 and it gained municipal status in 1944. During 2000 the Municipalities of Brits and Hartbeespoort were incorporated and named the MLM.

MLM is classified as a Category B Municipality, functioning through the Executive Mayoral System. It was recently demarcated into 41 wards and the Municipal Council comprises of 82 Councillors.

The two main economic contributing areas within the MLM are Brits and Hartbeespoort Areas. Agriculture, tourism and mining are the main primary economies. The Agricultural Sector, which produces food, is the biggest primary economy. It is categorized into four classifications, namely, extensive farming (44%), intensive agriculture (18%), game farming (10%) and subsistence farming.

Tourism also plays a major economic role, as it is based on the natural systems (11%). Scenic routes, heritage sites, resorts and nature reserves are some of the main attractions in the tourism sector.

The mining sector is dominated by platinum and chromium mining and quarrying activity. Platinum mining activity is located on the south-eastern side of Brits, while quarrying is spread around the MLM.

b) Demographics

The socio-economic environment in the MLM can be summarised as follows:

- **Population:**

MLM has a population of approximately 536 110 residents (MDB, 2018), with a gender characterisation of 53.6% male and 46.4% female. The age distribution in the MLM has been recorded as: 1) 0 - 14 years (29.4%); 2) 15 - 34 Years (34.8%); 3) 35 - 64 years (28.0%); and 4) 65+ years (7.8%).

- Economic Activity:

Provincially it was estimated that the most dominant sector contributing to the NWP's economy was the mining industry. This was demonstrated by 25% of the economically active population being employed in this industry. The sectors with the smallest contributions to the NWP's Gross Geographic Product were electricity and water; and the transportation industry.

In the MLM the monthly household income average has been recorded as follow: 1) >R 6 500 = 6.3%; 2) R 800 – R 6 500 = 43.3%; 3) <R 800 = 27.3%; and 4) No Income = 23%.

- Employment Status:

It was estimated that the unemployment rate of the NWP in 2009 was 26% (presenting a similar profile to South Africa as a whole – with an unemployment rate of 25% in the same year). In the MLM the unemployment status averages 30.4% versus 69.6% being employed (MDB, 2018).

- Education:

Ten percent (10%) of the working age population has had no formal education. Furthermore, only 18% of the total population in the NWP obtained a grade 12 / matric education.

- Basic services:

The majority of the population's households have access to piped water (61.3%), with 16.6% receiving water from neighbour / communities; 11.6% from boreholes (groundwater); 5.9% from water carrier and tankers; and less than 5% from flowing water and other sources. Approximately 51.4% of households have a pit toiler without a ventilation pipe; 27.3% a flush toilet; 9.3% a pit toiler with a ventilation pipe; and 10% a flush toilet connected to a septic tank and; 2.4% don't have access to sewage and sanitation.

In terms of households' dominant energy source, 86% use electricity as the primary means for lighting. Refuse removal services are provided to most households, with

a small percentage of the population (an estimated nine percent (9%)) not having any refuse disposal facilities.

- Housing:

Within the NWP it is estimated that 22% of the population reside in informal dwellings (with 15% of the population living in informal settlements and seven percent (7%) in backyards).

The population growth and urbanization information indicate that in future greater pressure on environmental resources, such as open space and water, can be expected in the MLM. Timeous planning is required to provide adequate infrastructure, especially in informal settlements where lack of infrastructure leads to water, soil and air pollution. A demographic statistical overview, as per census 2011, follows in **Table 23** below. The Proposed Project will have limited to zero negative socio-economic impacts.

c) Implications for the Proposed Project

- Disruption of existing land-use

The Proposed Project will likely have an intrusive impact on the current land-uses taking place on the applicable properties. The following land-uses have been identified on the proposed prospecting areas:

Table 21: Properties that forms part of the Proposed Schietfontein and Krelingspost Prospecting Area and the current and future land-use.

Farm Name	Portion and size	Land-use
Farm Schietfontein 437 JQ	Remaining Extent of Portion 5, measuring 2.1756 hectares in extent.	Non-perennial stream, agricultural land used for grazing.
	Portion 24 (a portion of Portion 2), measuring 17.8382 hectares in extent.	Non-perennial stream, agricultural land used for grazing, with remnants of old cultivated crop fields.
	Portion 27 (a portion of Portion 2), measuring 8.8184 hectares in extent.	Agricultural land used for grazing. De Wildt Solar Farm and related activities (transmission line and substation). Will be operational

		<p>in August 2020</p> <p>Samancor is the holder of a prospecting right over Portions 27 and 28 of Schietfontein for chrome in the MG and LG seams.</p>
	<p>Portion 28 (a portion of Portion 2), measuring 8.7843 hectares in extent.</p>	<p>Agricultural land used for grazing.</p> <p>De Wildt Solar Farm and related activities (transmission line and substation). Will be operational in August 2020</p> <p>Samancor is the holder of a prospecting right over Portions 27 and 28 of Schietfontein for chrome in the MG and LG seams.</p>
	<p>Portion 33 (a portion of Portion 32), measuring 8.5653 hectares in extent.</p>	<p>Non-perennial stream, agricultural land used for grazing and section of the R566 traverses from east / west and the Rosslyn – Brits railway forms the northern most boundary.</p>
	<p>Portion 34 (a portion of Portion 32), measuring 17.7839 hectares in extent.</p>	<p>Agricultural land used for grazing and section of the R566 traverses from east/west and the Rosslyn – Brits railway forms the northern most boundary.</p>
	<p>Remaining Extent of Portion 32, measuring 15.0021 hectares in extent.</p>	<p>Non-perennial stream, agricultural land used for grazing and section of the R566 traverses from east / west.</p>
	<p>Portion 35 (a portion of Portion 2), measuring 49.659 hectares in extent.</p>	<p>Agricultural land used for grazing with remnants of old cultivated crop fields.</p>
	<p>Remaining Extent of Portion 99, measuring 11.339 hectares in extent.</p>	<p>Non-perennial stream, Farm Homestead, with agricultural land used for grazing and remnants of old cultivated crop fields.</p>
	<p>Portion 100 (a portion of Portion 99), measuring 30.1315 hectares in extent.</p>	<p>Farm homestead and associated infrastructure situated on property, with remnants of cultivate crop fields.</p>

	Portion 101 (a portion of Portion 99), measuring 18.7922 hectares in extent.	Farm homestead, greenhouses (tunnels) and associated infrastructure situated on property, with remnants of cultivate crop fields.
Farm Krelingspost 425 JQ	Portion 2, measuring 6.5382 hectares in extent.	Non-perennial stream and cultivated crop lands.
	Portion 3, measuring 6.5382 hectares in extent.	Non-perennial stream and Farm Homestead, with cultivated crop lands.
	Portion 70 (a portion of Portion 67), measuring 4.9804 hectares in extent.	Agricultural land used for grazing, with remnants of old cultivated crop fields.
	Portion 71 (a portion of Portion 67), measuring 5.1757 hectares in extent.	Agricultural land used for grazing, with remnants of old cultivated crop fields.
	Portion 72 (a portion of Portion 67), measuring 5.5491 hectares in extent.	Agricultural land used for grazing, with remnants of old cultivated crop fields.
	Portion 74, (a portion of Portion 67) measuring 5.529 hectares in extent.	Agricultural land used for grazing, with remnants of old cultivated crop fields.
	Portion 75 (a portion of Portion 67), measuring 5.5411 hectares in extent.	Agricultural land used for grazing with remnants of old cultivated crop fields.
	Portion 76 (a portion of Portion 67), measuring 5.5850 hectares in extent.	Agricultural land used for grazing with remnants of old cultivated crop fields.
	Portion 79 (a portion of Portion 67), measuring 1.500 hectares in extent.	Cultivated crop lands.
	Portion 73 (a portion of Portion 67), measuring 10.4125 hectares in extent.	Recycling Company known as "Envirocycle", with section disturbed by anthropogenic activities. M21 traverses the property from north/south.
	Portion 80 (a portion of Portion 67), measuring 27.4933 hectares in extent.	Non-perennial stream and Farm Homestead, with cultivated crop lands.

Additional consultation will need to be undertaken with *inter alia* Zolograph as the Proposed Project will have a direct impact on the De Wildt Solar Farm.

- Economic Impact

The Proposed Project has local socio-economic benefits from job creation and capital expenditure on contractors, materials and equipment, which will have a knock-on effect in terms of employment opportunities and economic benefits for South Africa due to increased chrome and PGM production.

The Proposed Project may have a potential economic impact on landowners, businesses, agricultural activities and developers (the De Wildt Solar Farm, Kroon Poultry Operations, Envirocycle and the Q4 Filling Stations). The Proposed Project's impact will however be temporary and will be mitigated based on further consultation with the landowners and other affected parties.

- Job Creation

The Proposed Project would have a beneficial impact on the local economy through the creation of new employment opportunities during its operational phase. Both skilled and unskilled temporary employment opportunities would be created through the Proposed Project. In a developing country, such as South Africa, following a “no-project” option would have potential adverse impacts on a local and regional employment scale.

Table 22: A demographic statistical overview, as per census 2011 (MLM – IDP, 2017-2018)

Population Size		Population group	
Census 1996	319 974	Black African	426 192
Census 2001	347 578	Coloured	4 292
Census 2011	477 381	Indian or Asian	2 445
		White	42 691
Average annual Growth Rate	3.17%	Population (Area km²)	3839
Population density	124 per km²	Sex Ratio (Males/100 Females)	114
Number of Households	160 724	Dependency ratio	0.44
Average Household Size	3.00	Female headed hh	30.3%
Gender Distribution:		Age Distribution/ Structure:	
Male	53%	Young (0-14 Years)	25.70%
Female	47%	Working age (5-65 Years)	69.20%
		Eldery (Older than 65 Years)	5.10%
Employment Status - Persons 15 to 65 Years of Age:		Monthly Income levels:	
Employment	69.60%	No Income	23.3%
Unemployment	30.40%	Income up to R800	27.3%
Youth Unemployment(15-34)	38.20%	Income between R800-R 6500	43.3
		Income above R6500	6.3%
Education levels - Persons Older Than 20 Years:		Formal dwellings	59.2%
No Schooling	7.80%	Agricultural hh	23,621
Some Primary to	57.30%	Housing owned/paid off	54.1%
Secondary Schooling	7.30%	Flush toilet connected to sewerage	27.2%
Grade 12	27.60%	Electricity for lighting	81%
Higher		Weekly refuse removal	25.7%
HIV 45.5% compared against North West Province prevalence rate of 26.7%			

7.1.1.15 Heritage Environment

The Proposed Schietfontein and Krelingspost Prospecting Area is located to the north of the Magaliesberg, which is known for its rich and diverse range of heritage resources (De Beer 1975). Stone Age sites are scattered along the Magaliesberg and are also found in its caves and rock shelters. Rock engraving sites are located further towards Maanhaarrand and Rustenburg in the west. Blockhouses along the Magaliesberg and colonial farm homesteads are still common in Marikana and on the outskirts of Brits (Madibeng). The most abundant heritage, however, are those that date from the Late Iron Age and which are associated with the numerous Tswana chiefdoms who occupied this region during the last four centuries.

The following reports were reviewed as part of the desktop analysis in establishing the heritage resources within the Proposed Schietfontein and Krelingspost Prospecting Area:

- Phase 1: Heritage Impact Assessment for the Proposed Diesel Depot in Krelingspost, Portion of the Remainder of Portion 11 of the Farm Krelingspost N0.425 JQ, North West Province, dated March 2019 and conducted by Vhufahashu Heritage Consultants CC.
- Phase 1 Heritage Impact Assessment for the Proposed Q4 Filling Station South on Portion 41 of the Farm Schietfontein Situated on the N4, close to Brits in the North West Province, dated May 2014 and conducted by Leonie Marais-Botes and Dr A.C. van Vollenhoven.
- Amended Phase 1 Heritage Impact Assessment for the Proposed Dinaledi-Substation to Anderson-Substation 400KV Transmission Powerline, dated November 2012 and conducted by Leonie Marais-Botes.
- De Wildt 50 MW Solar Power Station. Scoping Report Palaeontology, dated October 2011 and compiled by Dr JF Durand.
- Amendment of an Archaeological Impact Assessment Study Report for the Proposed Construction of de Wildt 50 MW Solar Power Station and 88 KV Transmission Line on Portions 15, 27 and 28 of the Farm Schietfontein, within Madibeng Local Municipality of Bojanala Platinum District Municipality,

North West Province, dated May 2016 and compiled by Vhubvo Archaeo-Heritage Consultant CC

- Phase I Heritage Impact Assessment (HIA) Study for Portion 86 of the Farm Zilkaatsnek 439JQ and Portions 12 and 13 of the Farm Schietfontein 437JQ for Eland Platinum Mines (Pty) Ltd (Eland Mines) near Madibeng in the North-West Province, dated March 2010 and compiled by Dr Julius CC Pistorius.
- Phase I Heritage Impact Assessment (HIA) Study for the Proposed New Eland Platinum Mines (Pty) Ltd (Eland Mines) near Madibeng in the Central Bankeveld of the North-West Province of South Africa, dated February 2006 and compiled by Dr Julius CC Pistorius.

In order to place possible finds that could be unearthed during construction and operation activities in context, it is necessary to give a background regarding the different phases of human history.

- Stone Age

The Stone Age is the period in human history when lithic material was mainly used to produce tools. In South Africa the Stone Age can be divided in three periods. It is, however, important to note that dates are relative and only provide a broad framework for interpretation (Botes & van Vollenhoven, 2014). The division for the Stone Age according to is as follows:

- Early Stone Age (ESA) 2 million – 150 000 years ago;
- Middle Stone Age (MSA) 150 000 – 30 000 years ago; and
- Late Stone Age (LSA) 40 000 years ago – 1850 - A.D.

The closest known Stone Age site in the vicinity of Brits is a rock art site to the north-west. Rock engravings are found to the south and east of Rustenburg (the latter lying to the west of the surveyed area). These date back to the Late Stone Age (Botes & van Vollenhoven, 2014).

Proximity to a river makes the area suitable for human habitation. The area likely provided good grazing and therefore it is possible that Stone Age people may have utilized the site for hunting purposes. There is a possibility that Stone Age material could be found in this area.

- Iron Age

The Iron Age is the name given to the period of human history when metal was mainly used to produce metal artefacts (Botes & van Vollenhoven, 2014). In South Africa it can be divided in two separate phases namely:

- Early Iron Age (EIA) 200 – 1000 A.D; and
- Late Iron Age (LIA) 1000 – 1850 A.D.

Botes & van Vollenhoven, 2014 however, indicates that a Middle Iron Age should be included. The dates, which now seem to be widely accepted in archaeological circles, are:

- Early Iron Age (EIA) 250 – 900 A.D.;
- Middle Iron Age (MIA) 900 – 1300 A.D.; and
- Late Iron Age (LIA) 1300 – 1840 A.D.

Many Late Iron Age sites have been identified in the area around Brits and Rustenburg and in the Waterberg Mountains. This includes the surveyed area (Botes & van Vollenhoven, 2014). During earlier times the area was inhabited by Tswana groups, namely the Fokeng and Hurutshe. In the 19th century, and even today, the area is inhabited by other Tswana groups, namely the Kwena, Tlokwa, Phiring, Taung and the Fokeng (Botes & van Vollenhoven, 2014). During the Difaquane these people moved further to the north and south, but they returned later (Botes & van Vollenhoven, 2014). The subterranean presence of archaeological material is something that should however always be kept in mind. It also should be realized that the area may not have been surveyed before and therefore the possibility of finding new sites is always a reality.

The type of environment is suitable for human habitation. There is ample water sources and good grazing. One would therefore expect that Iron Age people may have utilized the area. This is the same reason why white settlers later moved into this environment.

- Historical Age

The historical age began with the first recorded oral histories in the area. It includes the moving into the area of people that were literate. This era is often referred to as

the Colonial Era or the recent past. Due to factors such as population growth and a decrease in mortality rates, more people inhabited the country during the recent historical past. Therefore, much more cultural heritage resources from this era have been left on the landscape. It is important to note that all cultural resources older than 60 years are potentially regarded as part of South Africa's heritage estate under the NHRA and detailed studies are required to determine whether these indeed have cultural significance (Botes & van Vollenhoven, 2014). Factors to be considered include aesthetic, scientific, cultural and religious value of such resources.

Early travellers have moved through this part of the NWP. This included Coenraad de Buys in 1821 and 1825, David Hume in 1825, Robert Scoon and William McLuckie in 1827 and 1829 and Dr. Robert Moffat and Reverend James Archbell in 1829 (Botes & van Vollenhoven, 2014). Hume again moved through this area in 1830, followed by the expedition of Dr. Andrew Smith in 1835 (Botes & van Vollenhoven, 2014). Hume again moved through the area with Scoon in 1835. In 1836 William Cornwallis Harris visited the area. The well-known explorer Dr. David Livingston passed through this area in 1847 (Botes & van Vollenhoven, 2014).

The greater Magaliesberg and Rustenburg area saw much action during the Anglo-Boer War (1899-1902). British troops reached Rustenburg on 14 June 1900. Three battles were fought here during the War, being at: Buffelspoort on 3 December 1900, Nooitgedacht on 13 December 1900; and Vlakfontein on 29 May 1901 (Bergh 1999: 51-52).

Historical structures, such as farmhouses and infrastructure may therefore be found in the larger geographical area. The Proposed Schietfontein and Krelingspost Prospecting Area however is very flat, meaning that it would not have had any military advantage and therefore it may not have been utilized for this purpose during wars. Historical structures, such as farmhouses and infrastructure relating to these times may be found in this Area. It is also possible that graves, associated with the above, may be present.

a) Implications for the Proposed Project

The Proposed Project will not be undertaken close to identified features of heritage significance. The area must be surveyed prior to the final prospecting drilling site selection.

7.1.2 Description of the current land uses.

The Proposed Schietfontein and Krelingspost Prospecting Area includes the following properties (Refer to **Figure 3-5**):

Portions 5, 24, 27, 28, 32, 33, 34, 35, 99, 100 and 101 of Schietfontein and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost.

The majority of these properties are privately owned with a few, mainly on Krelingspost corporately owned. The land is mainly used for private or commercial agricultural purposes. Large portions of Schietfontein are natural grazing areas. The De Wildt Solar Farm is located on Portions 15, 27 and 28 of Schietfontein. Refer to Section 7.1.1.7.

8. ACTIVITY, IMPACTS AND RISKS

8.1 Impacts and risks identified including the nature, significance, consequence, extent, duration and probability of the impacts

(Provide a list of the potential impacts identified of the activities described in the initial site layout that will be undertaken, as informed by both the typical known impacts of such activities, and as informed by the consultations with affected parties together with the significance, probability, and duration of the impacts. Please indicate the extent to which they can be reversed, the extent to which they may cause irreplaceable loss of resources, and can be avoided, managed or mitigated).

This part of the document focuses on the identification of the major potential impacts and risks the activities, processes and actions may have on the surrounding environment. It indicates the major impacts that these activities may have on the environmental components associated with Proposed Schietfontein and Krelingspost Prospecting Area, as required in terms of Regulation 19(3) of GN R982.

8.1.1 Project phases and activities to be undertaken

For the purposes of this impact identification, the Proposed Project timeframe will be subdivided into the following four phases:

- Pre-construction Phase.
- Construction Phase.
- Operational Phase.
- Decommissioning Phase.
- Post-closure Phase.

8.1.1.1 *Pre-Construction Phase*

Risk and impacts that have been identified as part of the consultation phase will need to be substantiated by further consultation and specialist verification as part of the pre-construction phase. The following activities will need to be undertaken prior to the commencement of the construction phase:

- Wetland Verification and Water Use Risk Assessment in terms of GN509 by a specialist (including the submission of a General Authorisation in terms of the NWA, 1998); and
- Final site selection based on inputs by the landowners / businesses / developers, Heritage Specialist, and Biodiversity Specialist.

8.1.1.2 *Construction Phase*

The following impacts and risks were identified by looking at the proposed activities during the Construction Phase, including the nature, significance, consequence, extent, duration and probability of the impacts:

- Site Establishment;
- Vegetation clearing;
- Dust mitigation measures; and
- Hydrocarbon management.

8.1.1.3 *Operational Phase*

Activities that will be conducted in the Operational Phase include the following:

- Drilling of diamond core prospecting holes;

- Dust Mitigation measures; and
- Removal of cores and storing at the core yard for analysis.

8.1.1.4 Decommissioning Phase

Activities that will be included in the Decommissioning Phase include the following:

- Site break down
- Plugging of core hole;
- Dust mitigation measures;
- Rehabilitating the area by:
 - Removal and rehabilitation of contaminated soil;
 - Re-vegetating;
 - Levelling the area; and
 - Controlling invasive plants.

8.1.1.5 Post-Closure Phase

. Monitoring and rehabilitation of the area will continue.

9. METHODOLOGY USED IN DETERMINING AND RANKING THE NATURE, SIGNIFICANCE, CONSEQUENCES, EXTENT, DURATION AND PROBABILITY OF POTENTIAL ENVIRONMENTAL IMPACTS AND RISKS

(Describe how the significance, probability, and duration of the aforesaid identified impacts that were identified through the consultation process were determined in order to decide the extent to which the initial site layout needs revision).

The potential impacts were determined by evaluating the different phases associated with the drilling of the boreholes. These phases were determined to be as follow:

- Pre-Construction Phase (PC)
- Construction Phase (C)
- Operational Phase (O)
- Decommissioning Phase (D)
- Post-Closure Phase (P)

A description of the parameters and methodology used in identifying and assessing impacts are given in **Table 25** under Section 9.5 below.

9.1 The positive and negative impacts that the proposed activity (in terms of the initial site layout) and alternatives will have on the environment and the community that may be affected.

(Provide a discussion in terms of advantages and disadvantages of the initial site layout compared to alternative layout options to accommodate concerns raised by affected parties)

N.B. No alternatives were considered as discussed above.

Table 23: Potential positive and negative impacts associated with the Construction -, Operational - and Decommissioning Phases of the proposed activity.

Impact	Feature Impacted	Phase	Type of Impact
Pre-Construction Phase			
1). Final prospecting site selection	Biodiversity Economic Heritage Surface water	Pre-Construction	Negative
Construction Phase			
2). Loss of indigenous natural vegetation during site preparation and establishment.	Biodiversity	Construction	Negative
3). Impact on plant species of conservation concern during site preparation and establishment.	Biodiversity	Construction	Negative
4). Establishment and spread of declared weeds and alien invader plants.	Biodiversity	Construction	Negative
5). Widening of existing access roads and establishing temporary access roads.	Biodiversity	Construction	Negative
6). Land clearing, causing physical disturbance to the soil.	Soil	Construction	Negative
7). Dust emissions	Health Economic	Construction	Negative
8). Construction vehicles and activities increase the ambient noise levels.	Social	Construction	Negative
9). Employment and skills development.	Economic	Construction	Positive
10). Economic multiplier effect from using local contractors.	Economic	Construction	Positive

11). Generation of general (non-hazardous) industrial waste materials during construction phase.	Waste	Construction	Negative
12) Prospecting activities impact on the current land-users.	Social (nuisance) Economic	Construction	Negative
13) Discovery of heritage resources	Heritage	Construction	Negative
14) Damage to local roads	Social	Construction	Negative
Operational Phase			
15). Land clearing causing physical disturbance to the soil.	Soil	Operational	Negative
16). Dust Emissions.	Health Economic	Operational	Negative
17). Construction vehicles and activities may increase the ambient noise levels.	Social	Operational	Negative
18). Employment and skills development	Economic	Operational	Positive
19). Economic multiplier effect from using local contractors.	Economic	Operational	Positive
20). Generation of general (non-hazardous) industrial waste materials during the operational phase.	Waste	Operational	Negative
21) Prospecting activities impact on the current land-users.	Social (nuisance) Economic	Operational	Negative
22) Damage to local roads	Social	Operational	Negative
Decommissioning Phase			
23). Habitat transformation (limited to the drilling footprint).	Biodiversity	Decommissioning	Negative
24). Dust emission	Health	Decommissioning	Negative
25). Construction vehicles and activities may increase the ambient noise levels.	Social	Decommissioning	Negative
26). Employment and skills development	Economic	Decommissioning	Negative

27). Economic multiplier effect from using local contractors.	Economic	Decommissioning	Negative
28). Generation of general (non-hazardous) industrial waste materials during decommissioning phase.	Waste	Decommissioning	Negative
29) Property damage and residual impact	Social and Economic	Decommissioning	Negative

9.2 The possible mitigation measures that could be applied and the level of risk.

(With regard to the issues and concerns raised by affected parties provide a list of the issues raised and an assessment/ discussion of the mitigations or site layout alternatives available to accommodate or address their concerns, together with an assessment of the impacts or risks associated with the mitigation or alternatives considered).

Mitigation measures need to be identified to ensure that impacts from the Proposed Project are reduced as far as possible. The following mitigation measures objectives were considered when developing mitigations, to:

- find more environmentally sound ways of undertaking specific activities;
- enhance any environmental and social benefits of a proposed activity;
- avoid, minimise or remedy negative environmental impacts; and
- ensure that any residual negative environmental impacts are environmentally acceptable.

Identifying appropriate mitigation measures were conducted in a hierarchal manner:

1. Preventative measures will be identified to avoid, where possible, negative impacts that may arise due to the proposed activity;
2. Measures will be identified to minimise and / or reduce the negative impacts to “as low as practicable” levels; and
3. Measures will be identified to compensate or remedy residual negative impacts that are unavoidable and cannot be minimised or reduced any further (Department of Environmental Affairs, 2006).

Refer to Section 10, below for the mitigation measures proposed for the Proposed Project.

9.3 Motivation where no alternative sites were considered.

No alternatives have been considered. Please refer to Sections (7), (8) and (9) above.

9.4 Statement motivating the preferred site.

(Provide a statement motivating the final site layout that is proposed)

No alternatives have been considered. Please refer to Sections (7), (8) and (9) above.

9.5 Full description of the process undertaken to identify, assess and rank the impacts and risks the activity will impose on the preferred site (In respect of the final site layout plan) through the life of the activity.

(Including (i) a description of all environmental issues and risks that were identified during the environmental impact assessment process and (ii) an assessment of the significance of each issue and risk and an indication of the extent to which the issue and risk could be avoided or addressed by the adoption of mitigation measures.)

Different impacts are associated with the different phases of the Proposed Project. The significance will be determined by both the extent and duration of the impact. The environmental risk of any aspect is determined by a combination of parameters associated with the impact. Each parameter connects the physical characteristics of an impact to a quantifiable value to rate the environmental risk. A description of the parameters used in this impact assessment is given in the table below.

Table 24: Impact Assessment Methodology.

Parameter	Description
Extent:	Area extent affected by the potential impact: <ul style="list-style-type: none">• Onsite – Within specific site boundary (weight value – 1)• Local – Within municipal boundary (weight value – 2)• Regional – Outside municipal boundary (weight value – 3)
Duration:	Time that the potential impact will be in effect <ul style="list-style-type: none">• Short term – 1 Year or less (weight value – 1)• Medium term – 1- 5 Years (weight value –2)• Long term – Longer than 5 Years (weight value – 3)
Intensity:	The severity of an impact on the receiving environment: <ul style="list-style-type: none">• Low – Natural and/or cultural processes continue in a modified way and is reversible (weight value – 1)• Medium – Natural and/or cultural processes stop and is partially reversible (weight value – 2)• High – Natural and/or cultural processes disturbed to an irreversible state (weight value – 3)
Significance of Impact / Consequence	Adding the extent, duration and intensity together provides the significance of the impact (High, Medium or Low). Extent + Duration + Intensity = High/Medium/Low Impact
Probability:	The likelihood of an impact occurring:

	<ul style="list-style-type: none"> • Unlikely – 0% - 45% chance of the potential impact occurring (weight value – 1) • Possible – 46% - 75% chance of the potential impact occurring (weight value – 2) • Likely - >75% chance of the potential impact occurring (weight value – 3)
Environmental Risk Refer to the table below	<p>Multiplication of the significance of the impact by the probability of the impact occurring produces a conclusion of the overall risk that an impact poses to the surrounding environment.</p> <p>High / Medium/Low Impact X Probability = High / Medium/Low Environmental Risk</p>

Table 25: Environmental risk and impact significance matrix.

Significance of Impact				
		Low Impact (3 → 5)	Medium Impact (6 → 8)	High Impact (9)
Probability	Definite / Very Likely 3	9 -15 L - M	18 -24 M-H	27 H
	Possible 2	6 - 10 L - M	12 - 16 M	18 M – H
	Unlikely 1	3 - 5 L	6 - 8 L	9 L
Environmental Risk		Guidelines for Control Strategies		
(H) - High		Proactively reduce risk level, short term response.		
(M - H) - Medium to High		Proactively reduce risk level, short term response.		
(M) - Medium		Management strategies to reduce risk level, short to medium term response.		
(L - M) - Low to Medium		Management strategies to reduce risk level, short to medium term response, operational control and housekeeping.		
(L) - Low		Operational control and housekeeping.		

10. ASSESSMENT OF EACH IDENTIFIED POTENTIALLY SIGNIFICANT IMPACT AND RISK

(This section of the report must consider all the known typical impacts of each of the activities (including those that could or should have been identified by knowledgeable persons and not only those that were raised by registered interested and affected parties).

Impact	Phase	Extent	Duration	Intensity	Significance	Probability	Environmental Risk	Mitigation Measures	Extent	Duration	Intensity	Significance	Probability	Environmental Risk	
	Before Mitigation								After Mitigation						
10.1 Biodiversity															
<u>Site preparation, establishment and decommissioning, including movement of equipment will potentially have the following impacts on the biodiversity:</u> <ul style="list-style-type: none">Loss of indigenous natural vegetation during site preparation and establishment.Establishment and spread of declared weeds and alien invader plants.Habitat transformation (limited to the prospecting sites and parking footprint).	PC, C, O, D	1	2	2	5	3	15	<ul style="list-style-type: none">Prior to the commencement of the Proposed Project a Biodiversity specialist must be appointed to undertake final drilling site locations, and the most suited location of temporary access roads.A Wetland verification must be undertaken prior to the commencement of the Proposed Project.Avoid unnecessary impacts on natural vegetation. Impacts should be contained, as much as possible, within the footprint of the drilling areas.No access roads may cross or encroach any wetlands, drainage lines or streams.Keep disturbance of vegetation surrounding drilling areas to a minimum.Rehabilitate disturbed areas as quickly as possible following completion of prospecting activities in an area.Make use of existing access roads where possible.Do not translocate soil stockpiles from areas with alien plants.Control any alien plants immediately, to avoid establishment of a soil seed bank that would take decades to remove.Establish an on-going monitoring programme to detect and quantify any aliens that may become established.Rehabilitate and re-vegetate the disturbed areas as per the EM rehabilitation plan.	1	2	1	4	2	8	
10.2 Soil															
<u>Site preparation, establishment and decommissioning, including movement of equipment will potentially have the following impacts on soil:</u> <ul style="list-style-type: none">Land clearing, causing physical disturbance to the soil.Loss of topsoilSoil compaction	C, O, D	1	2	2	5	3	15	<ul style="list-style-type: none">Impacts must be contained, as much as possible, within the footprint of the drilling area.Rehabilitate disturbed areas as quickly as possible following completion of prospecting activities in an area.Do not translocate soil stockpiles from areas with alien plants.Rehabilitate and re-vegetate the disturbed areas as per the EM rehabilitation plan.	1	2	1	4	2	8	

Impact	Phase	Extent	Duration	Intensity	Significance	Probability	Environmental Risk	Mitigation Measures	Extent	Duration	Intensity	Significance	Probability	Environmental Risk
	Before Mitigation								After Mitigation					
• Soil erosion														
10.3 Air														
Dust emissions within the site due to movement of vehicles and operation of equipment	C, O, D	2	2	1	5	2	10	<ul style="list-style-type: none">Dust suppression mitigation measures, such as wetting of roads and stopping drilling operations during high wind conditions, must be implemented to limit and / or minimise/control airborne dust.Ensure that a complaints register is kept at EM's entrance to capture any complaints from surrounding land users.The construction activities must be kept to a small footprint.Monthly dust monitoring must be implemented on the Proposed Schietfontein and Krelingspost Prospecting Area.Adequate Personal Protective Equipment ("PPE") must be used.	1	2	1	4	1	4
10.4 Noise														
Increased ambient noise levels due to the following activities: <ul style="list-style-type: none">Movement of vehicles, drilling equipment and site clearing equipment to the Proposed Prospecting Area.Drilling activitiesRehabilitation activities once drilling has been completed.	C, O, D	2	2	1	5	2	10	<ul style="list-style-type: none">Establish, implement and maintain an effective vehicle maintenance system.Prospecting activities must be undertaken during week days between 6:00am and 18:00pm.Adequate PPE must be used.Complaints register must be kept at the security office.	1	2	1	4	1	4
10.5 Economic (Positive)														
Employment and skills development due to the Proposed Project.	C, O, D	2	2	2	6	2	12	<ul style="list-style-type: none">It is recommended that local contractors are used to maximise the opportunities made available to the local labour force.Training and skills development programmes should be initiated prior to the commencement of the operation phase.Develop a database of local BEE service providers and ensure that they are informed of economic opportunities.	2	2	2	6	2	12
10.6 Waste														
Generation of general (non-hazardous) industrial waste materials during the different phases of the Proposed Project.	C, O, D	1	2	1	4	3	12	<ul style="list-style-type: none">Provide suitable containers and temporary storage areas as close to the point of generation as practical possible.Implement the waste management hierarchy principles, where practical possible.Separate waste at source and recycle wherever possible.Ensure unusable waste is disposed of in an environmentally	1	2	1	4	2	8

Impact	Phase	Extent	Duration	Intensity	Significance	Probability	Environmental Risk	Mitigation Measures	Extent	Duration	Intensity	Significance	Probability	Environmental Risk
	Before Mitigation								After Mitigation					
								responsible manner at licensed disposal facilities only ("cradle to grave" responsibility).						
10.7 Surface water														
Impact on the surface water quality Impact on run-off as a result of potential chemical and solvent spillages from drilling and earth moving equipment Impact on watercourse.	PC, C, O, D	1	2	3	6	3	18	<ul style="list-style-type: none">A Wetland verification must be undertaken prior to the commencement of the Proposed Project.No access roads may cross or encroach any wetlands, drainage lines or streams.A water use risk assessment in terms of GN 509 must be undertaken prior to the commencement of the Proposed Project.The location of all activities and infrastructure should be outside of the specified zones and/or flood lines of watercourses. If this is unavoidable, the necessary exemptions / approvals will be obtained.Potential pollution must be managed by implementing the following processes:<ul style="list-style-type: none">➤ maintenance of equipment;➤ education and training of workers (permanent and temporary);➤ appropriate management of hazardous materials and waste;➤ the required steps to enable containment and remediation of pollution incidents; and➤ specifications for post rehabilitation audit criteria to ascertain whether the remediation has been successful and, if not, to recommend and implement further measures.	1	1	2	4	2	8
10.8 Groundwater														
Impact on the groundwater quality due to potential chemical and solvent spillages from drilling and earth moving equipment	C, O, D	1	2	3	6	3	18	<ul style="list-style-type: none">EP must identify boreholes on the Proposed Schietfontein and Krelingspost Prospecting Area and monitor the groundwater quality prior to commencement of the activities to establish the baseline.It is recommended that quarterly monitoring samples be taken of boreholes within the Proposed Prospecting Area.Equipment and vehicles must be maintained.Potential pollution must be managed by implementing the following processes:<ul style="list-style-type: none">➤ maintenance of equipment;➤ education and training of workers (permanent and temporary);➤ appropriate management of hazardous materials and waste;➤ the required steps to enable containment and remediation of pollution incidents; and➤ specifications for post rehabilitation audit criteria to ascertain whether the remediation has been successful and, if not, to	1	1	2	4	2	8

Impact	Phase	Extent	Duration	Intensity	Significance	Probability	Environmental Risk	Mitigation Measures	Extent	Duration	Intensity	Significance	Probability	Environmental Risk
	Before Mitigation								After Mitigation					
								recommend and implement further measures.						
10.9 Social Economic														
Impact on the surrounding land owners and users. Impact includes: <ul style="list-style-type: none">Property damageTrespassing on private propertyNuisanceDisturbance of day to day activitiesDamage to private roads	PC, C, O, D	2	2	2	6	3	18	<ul style="list-style-type: none">Further consultation must be undertaken with the owner / developer of the De Wildt Solar Farm, proposed filling station and Kroon chicken farms.Prospecting activities must only be undertaken during weekdays from 6:00 to 18:00.Damage caused as a result of prospecting activities must be repaired to the reasonable satisfaction of the landowner.	2	1	2	5	2	10
10.10 Heritage														
Discovery of Heritage resources.	PC, C, O, D	1	2	2	5	3	15	<ul style="list-style-type: none">A heritage specialist must be appointed to provide inputs on the final prospecting locations.On discovery of heritage resources the operations must be stopped. Do not further disturb the area before the below is undertaken.Notify the ECO. The ECO must arrange an assessment of the resource. If confirmed significant, the ECO must liaise with National, Cultural and History Museum. P.O. Box 28088 SUNNYSIDE 0132Work must only recommence when cleared by ECO.	1	1	1	3	1	3

11. SUMMARY OF SPECIALIST REPORTS.

(This summary must be completed if any specialist reports informed the impact assessment and final site layout process and must be in the following tabular form):

Refer to Section 7.1.

12. ENVIRONMENTAL IMPACT STATEMENT

12.1 Summary of the key findings of the environmental impact assessment;

Table 26: Summary of the Environmental Risk before and After Mitigation for every phase of the development.

Phase	Environmental Risk									
	Before Mitigation					After Mitigation				
	High	Medium to High	Medium	Low to Medium	Low	High	Medium to High	Medium	Low to Medium	Low
- Construction - Operational - Decommission and Closure	0	3	1	6	0	0	0	1	6	3
Total	0	3	1	6	0	0	0	1	6	3

Nine (9) negative impacts were anticipated with the construction, operational and decommission phases of the Proposed Project, and one (1) positive impact was identified. None of the impacts had a high significance rating, after mitigation, however, the medium impact is a positive impact relating to the Proposed Project's economic benefits.

No "fatal flaw" adverse impacts or adverse impacts that cannot be adequately mitigated are anticipated with the Proposed Project. The potential impacts identified are of low to medium risk and no new high-risk impacts were identified due to the Proposed Project.

Environmental impacts will occur due to the Proposed Project's pre-construction, construction, operational and decommission phases but will be kept to a minimum by following the recommended processes and mitigation measures outlined in the existing EMPr.

The EMPr lists the various impacts that may occur during a construction, operation and decommissioning phase. It also states the: proposed management and

mitigation measures; responsible person or party for ensuring that the mitigation measures are complied with; and frequency of compliance monitoring to be undertaken.

12.2 Final Site Map

Provide a map at an appropriate scale which superimposes the proposed overall activity and its associated structures and infrastructure on the environmental sensitivities of the preferred site indicating any areas that should be avoided, including buffers. Attach as **Appendix 4**

The final site map is attached under **Appendix 4**.

12.3 Summary of the positive and negative impacts and risks of the proposed activity and identified alternatives.

No alternatives have been considered. Please refer to **Sections (7), (8) and (9)** above. Positive and negative impacts associated with the proposed activity are presented in **Section 9.1 (Table 24)**.

12.4 Proposed impact management objectives and the impact management outcomes for inclusion in the EMPr

Based on the assessment and where applicable the recommendations from specialist reports, the recording of proposed impact management objectives, and the impact management outcomes for the development for inclusion in the EMPr as well as for inclusion as conditions of authorisation.

Refer to Appendix 8: Environmental Management Programme (EMPr)

The EMPr will seek to achieve an essential end state and describe how activities that could have an adverse environmental impact will be mitigated and monitored. It will address the environmental impacts during the pre-construction, construction, operational, decommissioning and post-closure phases of the Proposed Project. Specific environmental recommendations will therefore be made to be achieved by a certain date. The environmental and social objectives will be set to allow prospecting in an environmental and socially responsible manner, while ensuring that sustainable closure can be achieved.

12.4.1 Environmental Objectives and Goals

- Protect the biophysical environment from any impacts that cannot be mitigated.
- Prevent negatively impact on biodiversity on a regional scale; and
- Ensure that activities are carried out to support rehabilitation.

12.4.2 Socio-economic Objectives and Goals

- Adhere to an open and transparent communication procedure with stakeholders.
- Ensure that information is communicated accurately and regularly to IAPs in a manner which is understandable and accessible.
- Mitigate negative impacts.
- Prevent damage to private property and existing / future land uses (solar farm, filling stations etc.).
- Enhance project benefits and minimise negative impacts through continuous consultation with stakeholders.
- Assemble adequate, accurate, appropriate, and relevant socio-economic information relating to the Proposed Project's context.
- Prioritise the sourcing of local labour and share in gender equality.
- Ensure an atmosphere of equality and non-discrimination among the workforce.
- Develop skills that will equip employees to obtain employment in other sectors of the economy.

12.5 Aspects for inclusion as conditions of Authorisation.

Any aspects which must be made conditions of the Environmental Authorisation

To minimise potential impacts associated with the establishment and management of the Proposed Prospecting Area, the following measures must be implemented and therefore included as conditions of the authorisation:

Consultation

- Further consultation must be undertaken with the owner / developer of the De Wildt Wildt Solar Plant, Q4 Filling Stations, Envirocycle and Kroon Poultry Operations.

Site Selection

- Prior to the commencement of the prospecting activities the following specialist inputs must be obtained for final site selection:
 - o Wetland verification;
 - o Biodiversity Survey; and
 - o Heritage survey.
- A water use risk assessment in terms of GN 509 must be undertaken prior to the commencement of the prospecting activities and a General Authorisation in terms of NWA, 1998 be obtained from DWS for prospecting sites within 500m of a water course.

Responsibility

- The affected environment shall be maintained in a stable condition that will not:
 - (i) be detrimental to the safety and health of humans and animals; and (ii) pollute the environment or lead to the degradation thereof.
- It must be EP's responsibility to ensure that the site manager and the employees are capable of complying with all the requirements which must be met in order to prospect (being the implementation of the EMPr).

Demarcation

- The Proposed Prospecting Area must be clearly demarcated (e.g. barrier tape and signboards).
- Prospecting activities shall only take place within the demarcated area. EP must ensure this.

Site Establishment

- Any site offices which may be required shall be established on an already disturbed area. Offices should be of modular design, so that these can be easily dismantled and relocated.

- The area chosen for these purposes shall be the minimum reasonably required and which will involve the least disturbance to vegetation.
- No site office shall be located closer than 32 m from a stream, river, spring, dam or pan.
- No fires are allowed inside the Proposed Schietfontein and Krelingspost Prospecting Area.
- Noise disturbance or any other form of disturbance shall be kept to a minimum.

Ablution facilities

- As a minimum requirement, EP must provide chemical toilet facilities or other DMR and DWS approved toilet facilities for employees.
- Proper hygiene measures must be established for toilet and / or change house facilities (if required), such that they do not cause water or other pollution.

Rehabilitation of the prospecting site

- Areas containing ablution facilities must be restored and covered with a layer of topsoil.
- The site must be seeded with a vegetation seed mix adapted to reflect the local indigenous flora.

Topsoil Management

- Topsoil must be removed from areas where physical disturbance of the surface will take place.
- All available topsoil must be removed prior to the commencement of any operations.
- Topsoil shall be kept separate from overburden and not be used for building or maintenance of access roads.
- The topsoil stored in the bund wall area shall be adequately protected from being blown away or being eroded.

Access to the Proposed Schietfontein and Krelingspost Prospecting Area

- Utilise existing access roads as far as possible.
- Consult and agree on routes with landowners and private landowners.
- Any new access roads that will be established must not exceed four (4) meters in width.

- Access roads may not cross or encroach any wetlands, drainage lines or streams.
- If a portion of the access road needs to be newly constructed, it must be done in a manner that causes minimal vegetation disturbance. Drainage and erosion protection in the form of cut-off berms or trenches should be provided where necessary.
- Only designated routes will be used by vehicles or personnel to gain access to the Proposed Schietfontein and Krelingspost Prospecting Area.

Maintenance of Access Roads

- Access roads shall be adequately maintained to minimise dust and erosion.
- Damage on private roads as a result of the Proposed Project will be repaired.

Waste Management

- Suitable covered receptacles shall be placed within the Proposed Schietfontein and Krelingspost Prospecting Area for waste disposal.
- Oil and fuel spills must be cleaned up immediately to the satisfaction of the ECO by removing the spillage, together with the polluted soil and disposing of them at a licenced waste management facility.

Monitoring and Reporting

- Regular monitoring of all the environmental management measures and components must be carried out by EP.
- Various points of compliance must be identified relating to the Proposed Project's various environmental impacts.

Compliance Reporting/ Submission of information

- Reports confirming compliance with various points identified in the EMPr must be submitted to the DMR Regional Manager on a regular basis.
- Emergencies or unforeseen impacts must be reported as soon as possible.

Closure

- An environmental risk report must accompany the application for closure.
- A closure plan must be compiled and accompany the application for closure.

12.6 Description of any assumptions, uncertainties and gaps in knowledge.

(Which relate to the assessment and mitigation measures proposed)

The following assumptions and limitations are applicable to the studies undertaken within this basic assessment process:

- Further consultation and agreement on a way forward with Zolograph in relation to the De Wildt Solar Farm on Portions 27 and 28 of Schietfontein.
- The information provided by EP and I&APs to the environmental team was correct and valid at the time it was provided.
- It is assumed that the borehole drill sites area identified by EP represent technically suitable sites for the prospecting.
- This report and its investigations are project-specific and consequently the environmental team did not evaluate any other alternatives.
- A desktop study was undertaken of existing specialist studies and it is assumed these studies are correct.
- Final site selection will be verified by specialist inputs (i.e. heritage, biodiversity and wetland).
- The EAP does not accept any responsibility for liability incurred by the EP, or any of its agents, parent companies, affiliates, employees or contractors, because of reliance on the findings and opinions or any omissions from the report content, findings or opinions.

12.7 Reasoned opinion as to whether the proposed activity should or should not be authorised

12.7.1 Reasons why the activity should be authorized or not.

Refer to Section 12.1 above.

12.7.2 Condition that must be included in the authorisation.

Refer to Section 12.5 above.

12.8 Period for which the Environmental Authorisation is required.

EAs are usually granted for a period of five years for construction activities to be undertaken from the date of issue. Should a longer period be required, the applicant

/ EAP is requested to provide a detailed motivation on what the period of validity should be.

The Proposed Project will take place over a period of 5 years. Detailed motivation by the EAP will be provided, if necessary, to apply for a longer period.

13. FINANCIAL PROVISION

State the amount that is required to both manage and rehabilitate the environment in respect of rehabilitation.

The financial provision has been provided for in the ***Prospecting Works Programme, Refer to the Appendix 7.*** R8 463 000 has been provided for the Proposed Project, which includes rehabilitation and managing the environmental impact.

13.1 Explain how the aforesaid amount was derived.

The amounts required for the rehabilitation was derived from the GNR 1147 NEMA Regulation for Financial Provision for Prospecting, Exploration, Mining or Production Operations. The provision was determined by acquiring market related rates for the rehabilitation and closure of the prospecting sites.

13.2 Confirm that this amount can be provided for from operating expenditure.

(Confirm that the amount, is anticipated to be an operating cost and is provided for as such in the Mining work programme, Financial and Technical Competence Report or Prospecting Work Programme as the case may be).

The applicant has confirmed that the finances are available, refer to the ***Appendix 7.***

14. SPECIFIC INFORMATION REQUIRED BY THE COMPETENT AUTHORITY

Compliance with the provisions of sections 24(4)(a) and (b) read with section 24 (3) (a) and (7) of the National Environmental Management Act (Act 107 of 1998). The BAR must include the:

14.1 Impact on the socio-economic conditions of any directly affected person.

(Provide the results of Investigation, assessment, and evaluation of the impact of the mining, bulk sampling or alluvial diamond prospecting on any directly affected person including the landowner, lawful occupier, or, where applicable, potential beneficiaries of any land restitution claim, attach the investigation report as an Appendix .

The Proposed Project will have the following socio-economic benefits:

14.1.1 Construction Phase

- Potential temporary employment opportunities.
- Damage of private property.
- Trespassing of private property.
- Damage of private roads.
- Nuisance to landowners or tenants.
- Economic impact to land owners and businesses.
- Noise and visual impact.

14.1.2 Operational Phase

- Potential temporary employment opportunities.
- Damage of private property.
- Trespassing of private property.
- Damage of private roads.
- Nuisance to landowners or tenants.
- Economic impact to land owners and businesses.
- Noise and visual impact.

14.1.3 Decommissioning and Post-closure Phase

- Potential temporary employment opportunities.
- Damage of private property.
- Damage of private roads.

14.2 Impact on any national estate referred to in section 3(2) of the National Heritage Resources Act.

(Provide the results of Investigation, assessment, and evaluation of the impact of the mining, bulk sampling or alluvial diamond prospecting on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) with the exception of the national estate contemplated in section 3(2)(i)(vi) and (vii) of that Act, attach the investigation report as Appendix 11.19.2 and confirm that the applicable mitigation is reflected in 2.5.3; 2.11.6.and 2.12.herein).

Several heritage impact studies conducted in the area were reviewed. Based on the review no heritage resources of significance were identified within the Proposed Schietfontein and Krelingspost Prospecting Area.

It is however advised that the proposed drilling sites and access roads be surveyed for heritage resources prior to the undertaking of the said activities.

15. OTHER MATTERS REQUIRED IN TERMS OF SECTIONS 24(4)(A) AND (B) OF THE ACT.

(the EAP managing the application must provide the competent authority with detailed, written proof of an investigation as required by section 24(4)(b)(i) of the Act and motivation if no reasonable or feasible alternatives, as contemplated in sub-regulation 22(2)(h), exist.

This BAR compiled in accordance with the NEMA, GN R982 and MPRDA. The EAP managing the application confirms that this BAR is being submitted for an EA in terms of the NEMA in respect of listed activities that have been triggered by an application in terms of the MPRDA. Should the DMR require any additional information, this will be provided upon request.

No reasonable or feasible alternatives exist for the Prospecting Right Application and, as such, motivation for no alternatives has been provided.

16. CONCLUSION AND RECOMMENDATIONS

This basic assessment process has been carried out in accordance with the NEMA, 1998, and the relevant Regulations thereunder. The likely negative impacts and risks associated with the Proposed Project will be short term and in a reasonably small footprint.

It is recommended that further consultation be undertaken with the developers / owners of the De Wildt Solar Farm, the Kroon Poultry Operations, Envirocycle and Q4 Filling Stations.

The prospecting activities on proposed on Portion 27 and 28 of the Farm Schietfontein is in direct conflict with the approved land use (Solar Farm) and an amicable solution between EP and Zolograph needs to be reached.

As such and due to further requests received for a public consultation, a request for extension of the PPP has been submitted to the DMR North-West Region with this FBAR. The FBAR will be made available from 5 August 2019 for review and comment.

Based on the outcomes of the risk assessments conducted, coupled with the recommendations made by the EAP, the Proposed Project can proceed. This is however conditional to:

- a solution being reached on Portions 27 and 28 of Schietfontein between EP and Zolograph;
- mitigation measures contained in the EMPr are implemented; and
- prior to the commencement of the Proposed Project the following specialist inputs must be obtained for final site selection:
 - Wetland verification;
 - Biodiversity Survey; and
 - Heritage survey; and
- a water use risk assessment in terms of GN 509 must be undertaken prior to the commencement of the Proposed Project.

17. REFERENCES

- Department of Environmental Affairs, 2009. National Environmental Management: Waste Act (59/2008): List of waste management activities that have, or are likely to have a detrimental effect on the environment. Government Gazette 37083, Government Notice 921 of 29 November 2013, Government Printer, Pretoria.
- Department of Environmental Affairs, 2013. National Environmental Management Act: Waste Act, Act No. 107 of 1998. Waste Classification and

Management Regulations. Government Gazette 36784, Government Notice R 634 of 23 August, 2013, Government Printer, Pretoria.

- Department of Environmental Affairs, 2014. National Environmental Management Act, 1998 (Act 107 of 1998). Environmental Impact Assessment Regulations. Government Gazette 38282, Government Notice R 982 of 4 December 2014, Government Printer, Pretoria.
- Department of Environmental Affairs, 2014. National Environmental Management Act, 1998 (Act 107 of 1998). Listing Notice 1: List of activities and competent authorities identified in terms of Section No. 24(2) and 24D. Government Gazette 38282, Government Notice R 983 of 4 December 2014, Government Printer, Pretoria.
- Department of Environmental Affairs, 2014. National Environmental Management Act, 1998 (Act 107 of 1998). Listing Notice 2: List of activities and competent authorities identified in terms of Section No. 24(2) and 24D. Government Gazette 38282, Government Notice R 984 of 4 December 2014, Government Printer, Pretoria.
- Department of Environmental Affairs, 2015. National Environmental Management: Waste Act, Act No 59 of 2008: regulations regarding the planning and management of residue stockpiles and residue deposits. Government Gazette 39020, Government Notice R 632 of 24 July, 2015, Government Printer, Pretoria.
- Department of Environmental Affairs, 2015. National Environmental Management: Waste Act, Act No 59 of 2008: Amendments to the list of waste management activities that have, or are likely to have, a detrimental effect on the environment. Government Gazette 39020, Government Notice R 633 of 24 July, 2015, Government Printer, Pretoria.
- DWAF, 2006. Best Practice Guideline G1 Storm Water Management, s.l.: Department of Water Affairs and Forestry.
- Eland Mine, Mining right from the Department of Mineral Resources (DMR) covering the farm Elandsfontein 440JQ in terms of the MPRDA. Reference No. (NW) 30/5/1/2/3/2/1/280EM. Dated 21 December 2006.
- Eland Mine, Environmental authorization from the Department of Economic Development, Environment, Conservation and Tourism (DEDECT) in terms of

the old Environment Conservation Act, 73 of 1989 (ECA), for listed activities associated with the initial mine development. Reference No. EIA 518/2005NW. Dated 13 March 2007.

- Eland Mine, Section 102 amendment and update of the EMP to include Portions 84 and 97 of the Farm Zilkaatsnek 439 JQ. Reference No. (NW) 30/5/1/2/3/2/1/280EM. Dated 19 November 2010.
- Eland Mine, Environmental authorization submitted for listed activities associated with the concentrator expansion project. Reference No. NWP/EIA/441/2007. Dated August 2012. Decision still pending.
- Eland Mine Environmental authorisation Zilkaatsnek Prospecting Right Application. Reference No. NW30/5/1/1/3/2/1/12469EM. Dated 24 January 2019.
- Eland Mine, water use license from the Department of Water Affairs (DWA) under Section 21 of the NWA for water uses associated with the Elandsfontein site including the planned concentrator expansion project. License No: 03/A21J/ABCGIJ/1547. Dated 23 October 2012.
- Eland Mine, Section 102 amendment and update of the EMP to include Portions 13 and 14 of the Farm Schietfontein 439 JQ into the existing mining right in respect of the remainder of Portion 58, 80, 81, 82, 84, 87 and 97 of the Farm Zilkaatsnek 439 JQ. Reference No. (NW) 30/5/1/2/3/2/1/341EM. Dated 19 March 2013.
- Eland Mine. Prospecting Work Programme. Prospecting Right Application Without Bulk Sampling
- Mvelo Minerals, 2017, Basic assessment report and Environmental management programme report (EMPr)
- IUCN, 2013. IUCN Red List. [Online] Available at: <http://www.iucnredlist.org/>
- Mucina, L. & Rutherford, M., 2006. The Vegetation of South Africa, Lesotho and Swaziland. Pretoria: South Africa National Biodiversity Institute.
- South Africa, Republic, 1998. National Environmental Management Act, Act No. 107 of 1998. Government Gazette 19519, Government Printer, Pretoria.
- South Africa, Republic, 1998. National Environmental Management Act: Waste Act, Act No. 107 of 1998. Government Gazette 32000, Government Printer, Pretoria.

- South Africa, Republic, 1998. National Water Act, Act No. 36 of 1998. Government Gazette 19182, Government Printer, Pretoria.
- South Africa, Republic, 2008. Mineral and Petroleum Resources Development Amendment Act, Act No 49 of 2008. Government Gazette 32151, Government Printer, Pretoria.
- Municipal Demarcation Board, 2018. Municipal Capacity Assessment 2018. Madibeng NW372.

18. UNDERTAKING

Confirm that the undertaking required to meet the requirements of this section is provided at the end of the EMPr and is applicable to both the Basic assessment report and the Environmental Management Programme report.

I **GS Barkhuizen** herewith confirm

- a) the correctness of the information provided in the reports ☐
- b) the inclusion of comments and inputs from stakeholders and I&APs ; ☐
- c) the inclusion of inputs and recommendations from the specialist reports where relevant; and ☐
- d) that the information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested and affected parties are correctly reflected herein. ☐

Signature of the environmental assessment practitioner:

CHEMC Environmental CC

Name of company:

Date:

Appendix 1



South African Council for Natural Scientific Professions

herewith certifies that
Gerhardus Stephanus Barkhuizen

Registration number: 115982

is registered as a

Certificated Natural Scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)

in the following field(s) of practice (Schedule 1 of the Act)

Environmental Science

Effective **20 July 2016**

Expires **31 March 2020**



A handwritten signature in black ink, appearing to read 'Botha', is positioned above a horizontal line.

President

A handwritten signature in black ink, appearing to read 'M. Prinsloo', is positioned above a horizontal line.

Executive Director



UNISA
UNIVERSITY OF SOUTH AFRICA

We certify that

GERHARDUS STEPHANUS BARKHUIZEN

*having complied with the requirements of the Higher Education Act
and the Institutional Statute, was admitted to the degree of*

HONOURS BACHELOR OF SCIENCE

in Environmental Monitoring and Modelling

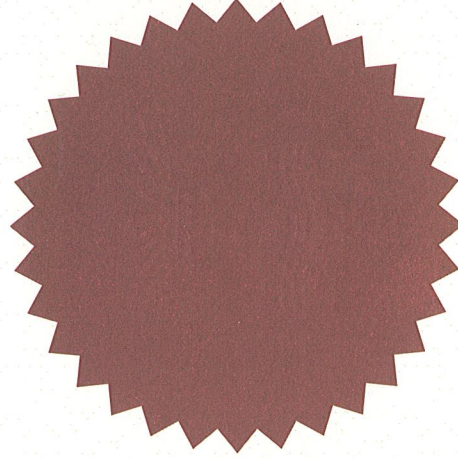
*at a congregation of the University
on 10 June 2013*

M. Makhanya

Vice-Chancellor

[Signature]

University Registrar



M. Ligt

Executive Dean

Appendix 2

Curriculum Vitae of Stephan Barkhuizen

082 639 9944 (Cell phone)

stephan@chemc.com

1. Personal Information

Full Names:	Gerhardus Stephanus (Stephan)
Surname:	Barkhuizen
Title:	Mr.
Identity Number:	870930 5039 081
Gender:	Male
Marital Status:	Married
Nationality:	South African
Home Language:	Afrikaans
Other Languages:	English, Spanish (limited)
Drivers License:	Code B
Own Transport:	Yes

2. Education

2.1 Secondary education

Institution: Wonderboom High School (Matriculated in 2005)

Subjects:

- English HG
- Afrikaans HG
- Biology HG
- Geography HG
- Physical Science HG
- Mathematics SG

2.2 Tertiary education

Institution: University of South Africa (UNISA)

Period: 2011 - 2013

Course: Environmental Monitoring and Modelling

Level of completion: Hons. B.Sc

Subjects:

- Environmental Monitoring
- Ecotoxicology
- Research Methodology
- Environmental Evaluation and Management
- Environmental Remote Sensing and Modelling

Institution: Tshwane University of Technology

Period: 2006 - 2009

Course: Landscape Technology

Level of completion: BTech

Subjects:

- Environmental Studies
- Landscape Technology
- Landscape Technology Management
- Plant Protection
- Supervisory Management
- Site Planning
- Research Methodology
- Plant Material Studies
- Turf Grass Culture
- Growth Media Technology
- Horticultural Mechanisation

Variable subjects:

Practical Year at City of Tshwane Booyens Municipality Nursery (second year)

In progress:

Institution: North West University

Period: Enrolled in 2017

Course: Environmental Management: Integrated Waste Management

Level of completion: Masters in Environmental Management

3.Employment

3.1 Company: **CHEMC Environmental**

Period: November 2011 – Present

Position: Environmental Consultant and GIS Specialist

Responsibilities:

- Project Management;
- Consult with clients/subcontractors;
- Quotations and Tenders;
- Applications for Environmental Authorisations;
- Water Use Licence Applications;
- Waste Management License Applications;
- Rehabilitation Plans;
- Public Participation;

- Biodiversity Studies;
- ISO 14001 Audits / Implementation;
- Risk Assessments;
- Prospecting Rights Consultation and EMP's;
- Environmental Control Officer;
- Compiling Basic Assessment Reports;
- Compiling Scoping and EIA Reports;
- Section 24 G Rectification Application;
- GIS Specialist;
- Geographical Mapping and Data Capturing

3.2 Company: **Bokamoso Landscape Architects and Environmental Consultants**
 Period: November 2008 – October 2011
 Position: Environmental Consultant, GIS Specialist and Landscape Technologist
 Responsibilities:

- Landscape Design and Drafting
- Client visiting/consulting
- Landscaping Site Manager
- Geographical Mapping
- Data Capturing
- Environmental Control Officer
- Compiling Basic Assessment Reports
- Compiling Scoping and EIA Reports
- Manage and Compile Applications
- Conduct and Compile Visual Impact Assessments

4. Professional Affiliation and Courses completed

4.1 South African Council for Natural Scientific Professionals (SACNASP) - Certificated Natural Scientist in the Environmental Science Field - Registration number: 115982

4.2 Completed a Residential/Commercial Design Irrigation Course under the Landscape Irrigation Association of S.A (LIA) – 2008

4.3 ISO 14 001 Auditors Course at CHEMC Environmental - 2012

6. Past Projects

- Alien and Invasive Plant Species Study Conducted for the Penge Asbestos Mine (2013);
- Amendment of the EMPR for the Glencore Horizon Chrome Mine, Boshhoek in the North West Province (2014);
- Assisting with Borehole Monitoring of the MMC Plant, Mpumalanga (2012 & 2013);
- Basic Assessment for the Annlin x 138 Residential Development (2010);
- Basic Assessment for the Arbor Acres Chicken Farm, Free State (2012);
- Basic Assessment for the Bronberg x 24 Residential Development, Pretoria East in the Gauteng province (2012);
- Basic Assessment for the ECO Park Dam, Gauteng (2010);
- Basic Assessment for the Elim Filling Station, Limpopo (2011);
- Basic Assessment and Atmospheric Emissions license Amendment Application for the First National Battery – Buffalo View plant, East London in the Eastern Cape Province (2015);
- Basic Assessment for the Matlosana Mall, North-West (2011);
- Basic Assessment for the Port Alfred Mix Land-Use Development, Eastern Cape (2011);
- Basic Assessment Report for the Glencore Rhovan Mine Dangerous Goods Storage Infrastructure Expansion project, Brits in the North West Province (2016);
- Basic Assessment for the Raslouw Holding 93 Residential Development, Gauteng (2009);
- Basic Assessment for the Widenham Stand Residential Development (2011);
- Closure Costing and Financial Provision Assessment for the Richtersand Mine, Gauteng (2013);
- Clydesdale Coal Prospecting Rights Consultation & EMP, Mpumalanga (2012);
- Due Diligence conducted for Gelita South Africa (Pty.) Ltd, Krugersdorp in Gauteng (2015);
- ECO Compliance Monitoring for the Grace Point Church, Gauteng (2009);
- ECO Compliance Monitoring for the Highveld x 61 Development, Gauteng (2009);
- ECO Compliance Monitoring for the Mall of the North, Limpopo (2009);
- ECO Compliance Monitoring for the Olievenhoutbosch Drive, Gauteng (2010);
- ECO Compliance Monitoring for the Orchards x 39 Development, Gauteng (2009);
- ECO Compliance Monitoring for the Irene x 18 Development, Gauteng (2009);
- ECO Compliance Monitoring for the Pierre Van Ryneveld Reservoir, Gauteng (2009);
- ECO Compliance Monitoring for the R81, Limpopo (2010);
- ECO Compliance Monitoring for the Riverwalk Development, Gauteng (2009);
- ECO Compliance Monitoring for the St George Development, Gauteng (2009);
- Environmental Legal review and Aspect identification for the Free State Oil Plant, Villiers in the Free State Province (2014);
- EMP, ECO and Dust Fallout Reporting for the Transchem Mangnetite Facility, Limpopo (2012–Present);
- EMPR Compliance Audit for the Xstrata Horizon Mine, North West (2011 & 2013);
- EMPR Compliance Audit for the Xstrata Kroondal Mine, North West (2011 & 2013);
- EMPR Compliance Audit for the Xstrata Rietvlei Silica Mine, North West (2011 & 2013);
- EMPR Compliance Audit for the Xstrata Waterval Mine, North West (2011 & 2013);

- EMPR Compliance Audit for the Glencore Alloys Rhovan Mine, North West (2015 & 2016);
- EMPR and WML Compliance Audit for the Glencore Alloys Thorncliffe Mine, Limpopo (2016);
- EMPR and WML Compliance Audit for the Glencore Alloys Helena Mine, Limpopo (2016);
- EMPR and WML Compliance Audit for the Glencore Alloys Magareng Mine, Limpopo (2016);
- GIS Maps and Data Plotting for over 75 Projects;
- Integrated Water Use License Application for the Defunct Alpha Anthracite Mine, KwaZulu-Natal (2013);
- ISO 14 001 EMS Implementation for the Hulleys Xinavane Sugar Mill, Mozambique (2013);
- ISO 14001 awareness training presenter for Reckitt Benckiser (2014);
- Legal and Environment Overview for the Lead Processing plant, Benoni in Gauteng (2015);
- Purging of the DELTA EMD Plant Boreholes, Mpumalanga (2013);
- Rehabilitation Plan for the Metalloys Bagfilter Dust Stockpile, Gauteng (2014);
- Scoping and EIA Report for the K105 South of Nellmapius Drive (2011);
- Scoping and EIA Report for the Construction of Dangerous Goods Storage Infrastructure exceeding 500 cubic metres project, Brits in the North West Province (2016);
- Teutfontein Coal Prospecting Rights Consultation & EMP, Mpumalanga (2012);
- Visual Impact Assessment for the Monavoni Shopping Centre, Gauteng (2009);
- Vlakfontein Coal Prospecting Rights Consultation & EMP, Mpumalanga (2012);
- Waste Management License Audit for the Rietvlei Silica Mine, North West (2013);
- Waste Management License for the Saving Green Tyre Pyrolysis Plant, Gauteng (2012);
- Waste Management License Application for Zinchems' Decommissioning and capping of the historic waste material stockpile, Benoni in the Gauteng Province;
- Water Use License Application for the Mooikloof Heights Estate, Gauteng (2014).

CONDENSED CV FOR J. G. CRONJÉ

Name:	Johannes George Cronje (Jannie) (47 years of age)
Qualifications:	<p>BSc Hons. (Geohydrology - U.O.F.S) Post Graduate Diploma in Terrain Evaluation (P.U. for C.H.O) Pr. Sci Nat. Contact details : Cell : 082 – 892 4282, Office : 012 – 802 1002</p>
Employment (Roles & Responsibilities)	Environmental Specialist Consultant
Current:	Environmental Manager for Samancor Manganese Division (± 2 years) Management and strategic planning of defunct operations.
Past:	<p>Providing guidance to operational units' i.t.o. general environmental matters as well as strategic planning. Responsible for the setting and development of strategic Corporate Standards. Identify potential CDM projects for carbon trading purposes Co-ordination of site based efforts collectively to ensure that synergies are identified and maximised. Benchmarking and giving guidance to the incorporation sustainable development issues into new and current initiatives Liaison with Governmental Authorities and Influencing long-term policy decision making. Representing Samancor Manganese in health research projects co-ordinated by the International Manganese Institute</p> <p>Acting as HSEC Manager for Samancor Manganese Division (± 6 months) Environmental Manager at Metalloys Meyerton (± 1 years) Responsible for setting up the necessary systems to improve the standard of environmental management and align the operation with Billiton requirements. Identification of required technical studies, initiate, manage and implement recommendations resulting from these studies. Establishment of an environmental macro / closure plan for the total site. Environmental Manager – Middelburg Mine Services (including Klipfontein Section) – total areas of ± 25 000 Hectares (± 6 years) Responsible for managing the Environmental Department and related issues. Also implementation and maintenance of ISO 14001 EMS. Line Health and Safety Responsibilities (4 Direct and 15 Indirect Reports). Managing of the Witbank Nature Reserve Environmental Superintendent – Matla Coal, Ermelo Mines & Delmas Colliery Responsible for initiating and coordinating scientific studies (± 4 years)</p>
Skills/Experience:	<p>Geohydrology by qualification and experienced in project management. Compilation and role out of Strategic Corporate Plans Technical field knowledge and implementation of <i>pollution control projects</i>. Organizing work and priorities. Project identification, initiation and co-ordination / management. Setting and control of budgets. Closure cost assessments and closure plans. <i>Investigation and design of remediation strategies.</i> Negotiation skills Company representative on forums Liaison with Interested and Affected Parties (including Government Authorities). Environmental Auditing (Physical and Systems) Implementation and Management of Management Systems. Implementation of control and corrective action systems</p>

PROFILE

I am a multi-faceted and reliable individual with over 10 years of experience in a wide range of industries and services. I am outgoing, detail-oriented and adaptable. I take pride in my work and enjoy sharing my passion for the environment with others.

PERSONAL DETAILS

Name

Marilize

Surname

Potgieter

Gender

Female

Nationality

South African

ID Number

8702170188083

Marital status

Married

Languages


Afrikaans (Home)


English

Drivers Licence:

Code 08 PDP

CONTACT DETAILS

 marilizem2@gmail.com

 082 291 8316

 93 Jakkalsbessie Lane
Buffelsdrift, Pretoria

MARILIZE POTGIETER

EDUCATION AND QUALIFICATIONS

- ❖ **Bachelor of Science Honours in Geography** - University of South Africa 2017 – Completed
Subjects: Geographic perspective of environmental change, Geography of people-resource interactions in the Global South, Geography of everyday living in human settlements, Geographer as a researcher.
- ❖ **Bachelor of Art in Environmental Management** - University of South Africa 2013 to 2016 – Completed
- ❖ **FGASA: Level II Certificate (2010)** – Full level II, trails guide theory and VPDA
- ❖ **Senior Certificate (2005)** – Die Hoërskool Menlopark (Subjects: Afrikaans, English, Mathematics, Biology, Travel and Tourism & Art)

CAREER HISTORY

❖ CHEMC Environmental

Junior Environmental Consultant

February 2018 – Present

- Conduct field work – water sampling
- Compilation of water sampling reports
- Audits
- Assist in the compilation of EIA reports
- Public Participation
- Assist in tender applications
- Data capturing

❖ Plankton Cashless (Division of Hilltop Live)

Administrative Assistant and Vendor Manager

May 2016- January 2018

- Assisting in all administrative duties –preparing and modifying documents including correspondence, reports, drafts, memos and emails.
- Monitor contractual agreements between the vendor and client.
- Manage external vendor relations to ensure continued service delivery and customer satisfaction.
- Troubleshoot vendor problems and present to management as required
- Coordinate vendor logistics pre-, during and post-event, including all communications relative to managing contracts, permits and special requests.
- Onsite Vendor Partner liaison, available and present during events.
- Training and management of seasonal staff and vendors on how to use the cashless devices offered.
- Overseeing and managing staff and vendors at the event ensuring that operations are running smoothly.

KEY SKILLS AND ABILITIES

- **Project Management.**
Initiating, planning, executing, controlling, and leading a team to achieve specific goals.
- **Problem Solving**
Working through details of a problem to reach for a solution through systematic operations.
- **Logistics Skills**
Management of financial resources, venue booking, team transport and accommodation. Monitoring and reporting.
- **Strong Communication, Negotiation, and Interpersonal Skills**
Good listener, confident, empathetic, respectful, motivational and being able to appropriately give and receive feedback, good interpersonal skills.
- **Self-motivation and initiative**
Ability to do what needs to be done without being prompted by others and the willingness to take a fresh approach.
- **Organisational Skills**
Attention to detail, good planning and scheduling skills and the ability to coordinate resources.
- **Excellent Teamwork Skills** Worked in numerous teams of different sizes and backgrounds. Good conflict resolution skills, reliable and respectful towards others.
- **Computer Skills**
Competent in Microsoft office. Intermediate Photoshop and basic Visio skills. Social Media

❖ **Hilltop Live Productions**

Project Manager & Assistant to Logistics Manager

September 2013 to February 2015

- Remaining customer service orientated while liaising with key clients and diverse stakeholders during the securing and defining of business contracts and objectives from key clients.
- Managing, and timely delivery of teams and all phases of project lifecycles.
- Checking projects progress towards achieving its goals, determine cause of deviation from plan and taking corrective action to solve it.
- Develop procedures to support the achievement of the project objectives like budgets, disaster management, production schedules and event reports.
- Creating and modification of site maps of events on Visio
- Filled the vendor manager role for numerous events. Coordinate vendor logistics pre-, during and post-event, including all communications relative to managing contracts, permits and special requests.
- Assisting in all administrative duties –preparing and modifying documents including correspondence, reports, drafts, memos and minutes.

❖ **Hilltop Live Promotions**

Personal and Social Media Assistant

March 2013 – September 2013

- Manages and monitors CMO's social media channels, including Facebook, LinkedIn, Twitter, and other relevant platforms.
- Engages in social media presence creation on new and emerging social media platforms.
- Proposes new ideas and concepts for social media content.
- Manages social media communications.
- Uses timelines and scheduled content to create a consistent stream of new content. Social media scheduling and posting
- Assisting in running the Event coordinator's business and personal errands.
-

❖ **Kapama Private Game Reserve**

Field Guide

April 2010 to October 2011

- Conducting personalized and professional guided game drives
- Hosting of guests during their stay at the lodge.
- Conscientious maintenance and care of vehicles and related equipment.
- Assisted in leopard and rhino identification projects.
- Bush clearing and rehabilitation of effected areas.

❖ **Tinga Private Game Lodge (KNP)**

Field Guide

November 2009 to April 2010

- Conducting personalized and professional guided game drives and walks.
- Hosting of guests during their stay at the lodge.

REFERENCES

- **Plankton Cashless & Hilltop Live Production**

Tony Groenewald
082 335 7330

- **Hilltop Live Promotions**

Retha Bornnmann
082 894 9464

- **Horseworx**

Dave Neath
082 457 5697

- **Kapama Private Game Reserve**

Liezel Holmes
015 793 8700

- **Sabi Sabi Private Game Reserve**

Malcolm Douglas
083 233 5264

- Conscientious maintenance and care of vehicles and related equipment.
- General maintenance bush clearing and rehabilitation of effected areas.

❖ **Simbambili Game Lodge (Sabi Sands)**

Assistant Lodge Manager / Front of House

February 2009 – August 2009

- General running of the lodge in the manager's absence.
- Front of house duties including answering phones, emails and welcoming guests on arrival.
- Running and organising of curio shop.
- Daily bar stock take and monthly curio shop stock take.
- Hosting and serving guest during their meals.

❖ **Sabi Sabi Private Game Reserve (Sabi Sands)**

Field Guide

March 2008 to January 2009

- Conducting personalized and professional guided game drives and walks.
- Hosting of guests during their stay at the lodge.
- Conscientious maintenance and care of vehicles and related equipment.
- General maintenance bush clearing and rehabilitation of effected areas.

Freelance Work

❖ **In On Africa**

Human Resource Manager

November 2015 to September 2016

- Recruitment
- Policies

❖ **Horseworx**

Development Facilitator (children)

February 2015 to August 2015

- Facilitating young, mentally and physically challenged children
- Equine Therapy - Conducting developmental lessons

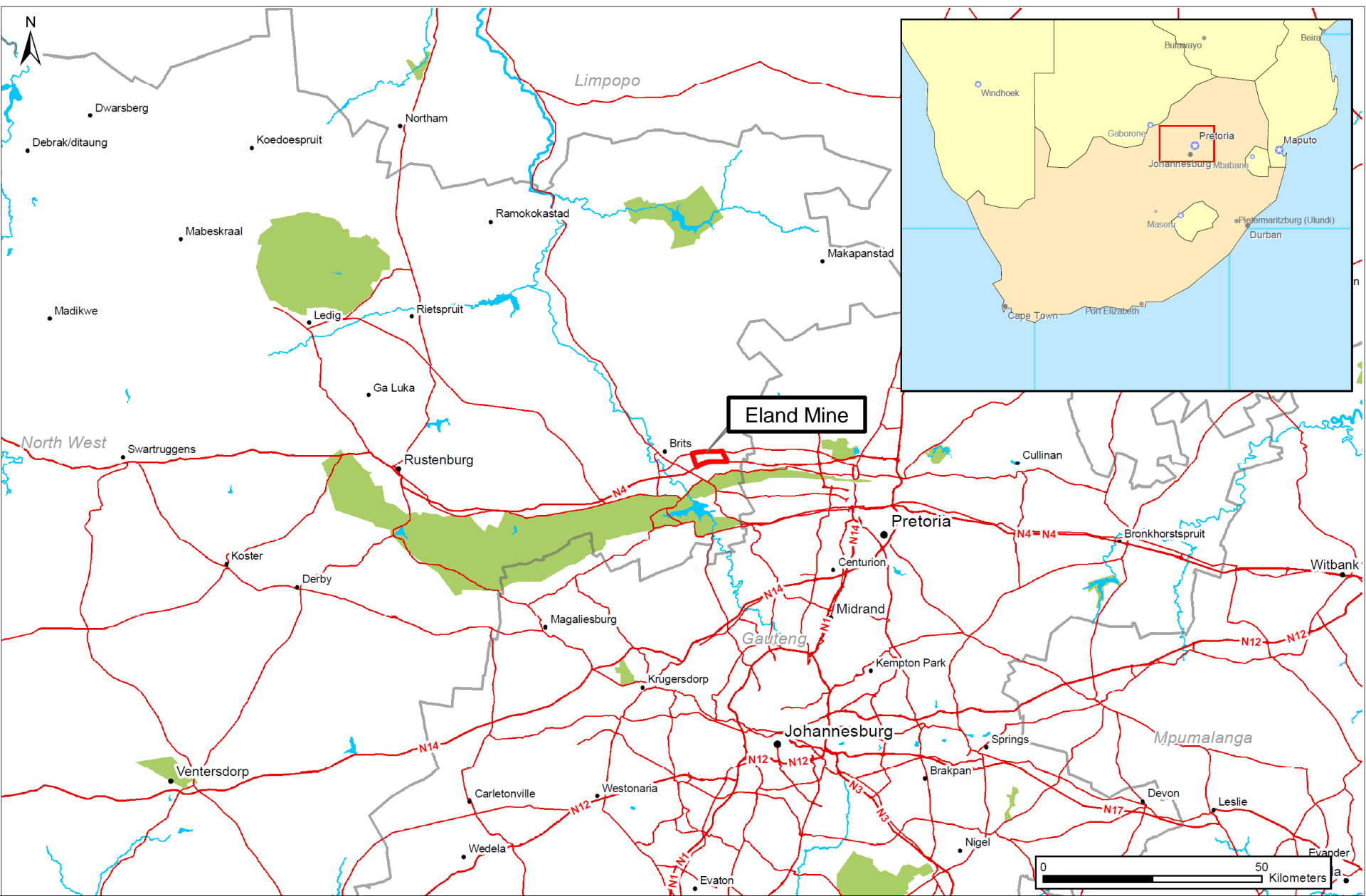
❖ **La li's Photography**

Photographer Assistant and Editor

Nov 2011 to May 2012 & Sept 2012 to January 2013

- Conducting photo shoots in the absence of the photographer.
- Editing of photos in Photoshop and creating photobooks.
- Responsible for studio administration. This includes answering the telephone, emails, digital filing of photographs, printing and packaging of photos.
- Preparing the studio before a shoot and assisting photographer during her shoots.

Appendix 3







ELAND PLATINUM MINE

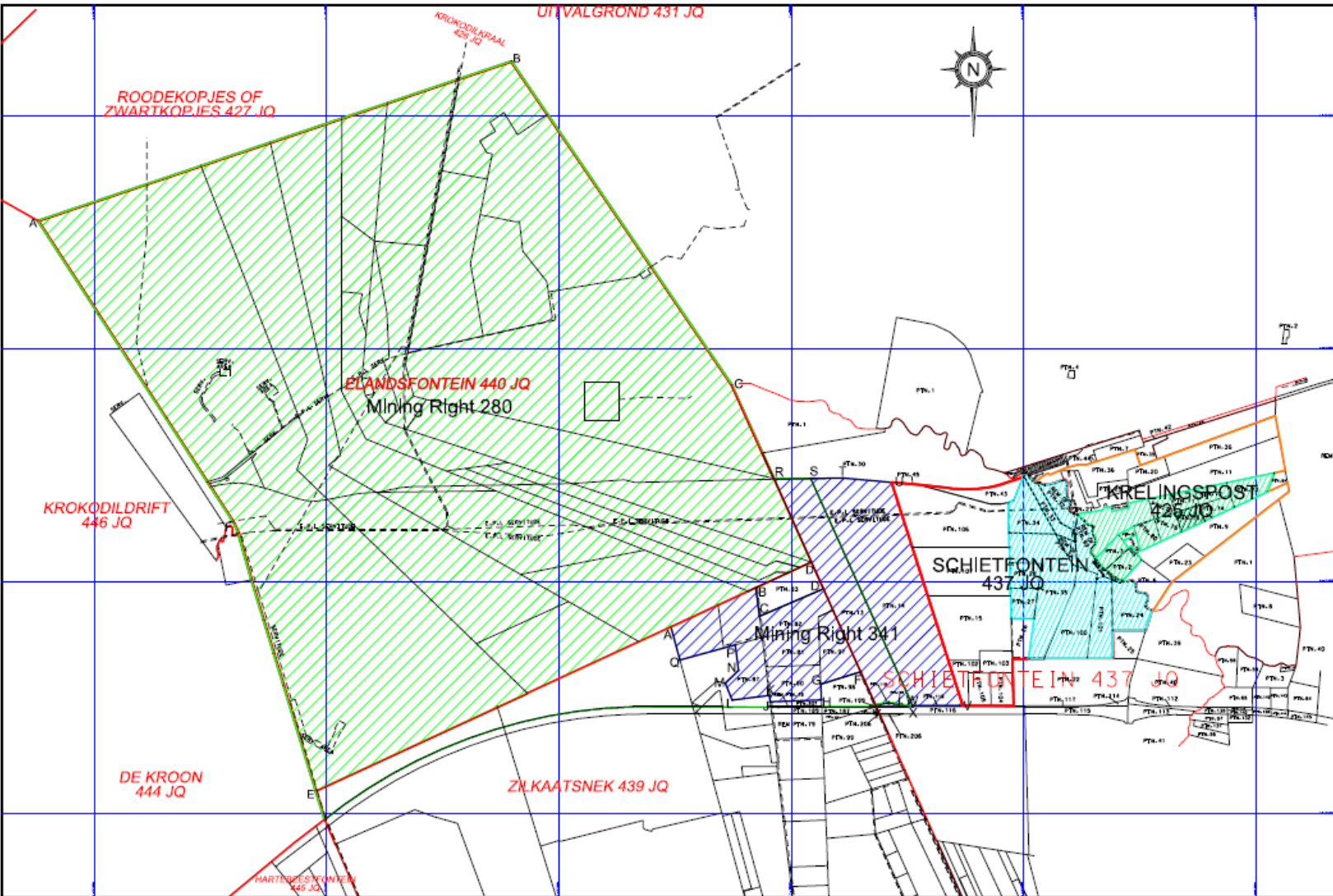
PROSPECTING RIGHT APPLICATION

FARM ELANDSFONTEIN 440 JQ
MAGISTERIAL DISTRICT BRITS

SCALE N.T.S.

BENCHMARK
DESCRIPTION
5m CONCRETE BEACON SITUATED 100m NORTH
OF MAIN ACCESS ROAD TO MINE OFFICES
SYSTEM WGS84 Q27
EL4 Y X AMSL
490 262,527 28 36676,591 1209,046

- MINING RIGHT 280
- MINING RIGHT 341
- FARM SCHIETFontein 437 JQ
- FARM KRELINGSPOST 425 JQ
- APPLICATION SCHIETFontein 437 JQ
- APPLICATION KRELINGSPOST 425 JQ





ELAND PLATINUM MINE

PROSPECTING RIGHT APPLICATION

FARM: SCHIETPONTEN 437JQ
MAGISTERIAL DISTRICT: BRITS

SCALE N.T.S.

BENCHMARK

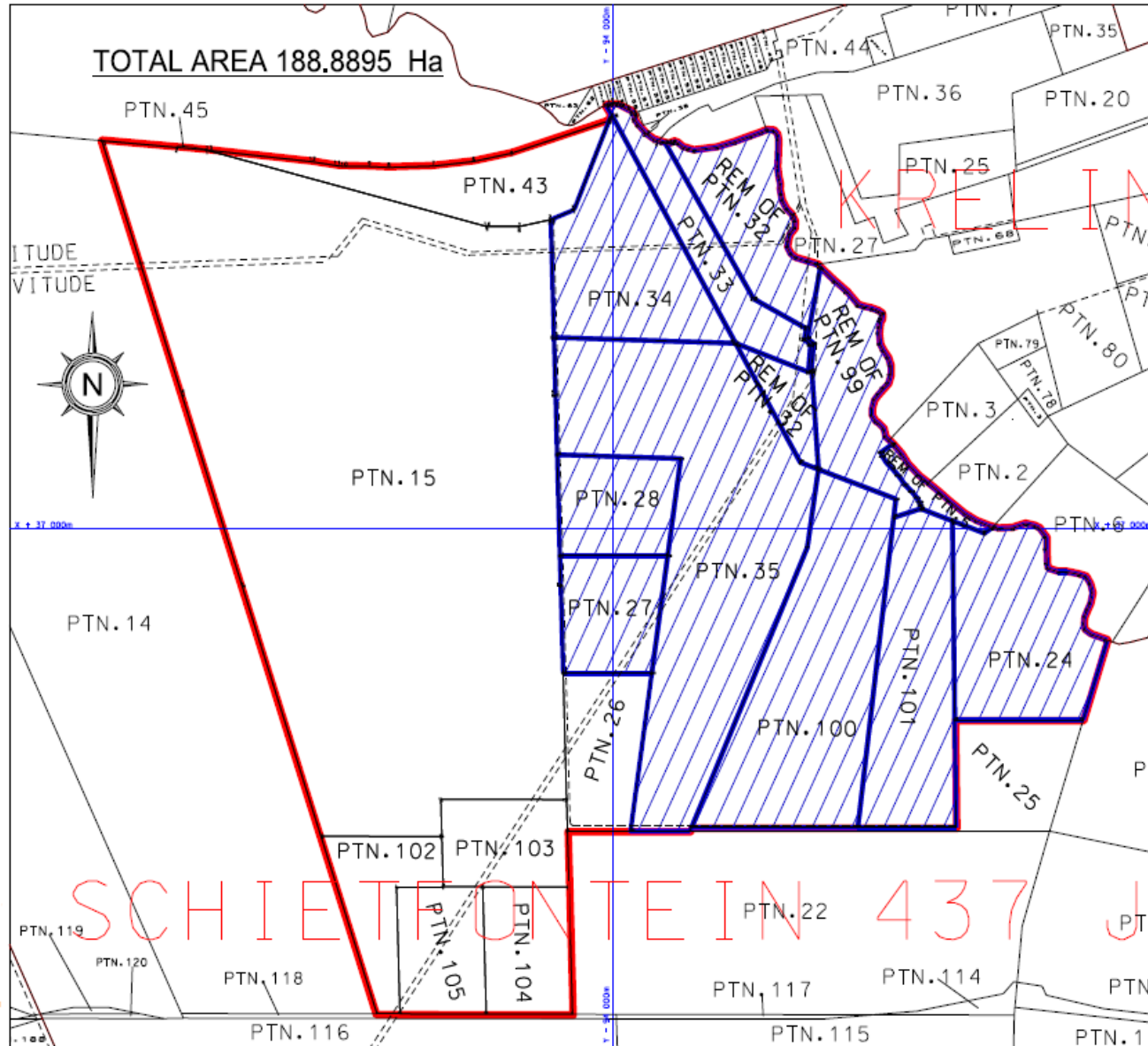
DESCRIPTION:
1m CONCRETE BEACON SITUATED 743.42m
NORTH WEST WEST OF FARM HOUSE.

SYSTEM: WGS84-LOZ7

EL4 Y X AMSL
90 262,527 28 36676,591 1209,046

LEGEND

REM. PORTION 5	2,1756 Ha
PORTION 24	17,8382 Ha
PORTION 27	8,8184 Ha
PORTION 28	8,7843 Ha
REM. PORTION 32	15,0021 Ha
PORTION 33	8,5653 Ha
PORTION 34	17,7839 Ha
PORTION 35	49,659 Ha
REM. PORTION 98	11,339 Ha
PORTION 100	30,1315 Ha
PORTION 101	18,7922 Ha



PORTION CO-ORDINATES

REAL PORTION 5	A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 24	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 27	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 28	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 32	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 33	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 34	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 35	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 98	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 100	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884
PORTION 101	CONSTANTS = 1081477 Y = 491884 A = 1081477 Y = 491884 B = 1081477 Y = 491884 C = 1081477 Y = 491884 D = 1081477 Y = 491884 E = 1081477 Y = 491884 F = 1081477 Y = 491884 G = 1081477 Y = 491884 H = 1081477 Y = 491884 I = 1081477 Y = 491884 J = 1081477 Y = 491884



Eland Platinum Mine

PROSPECTING RIGHT APPLICATION

FARM KRELLINGSPLOST 425 JO
MAGISTERIAL DISTRICT: BNTS

SCALE N.T.S.

BENCHMARK

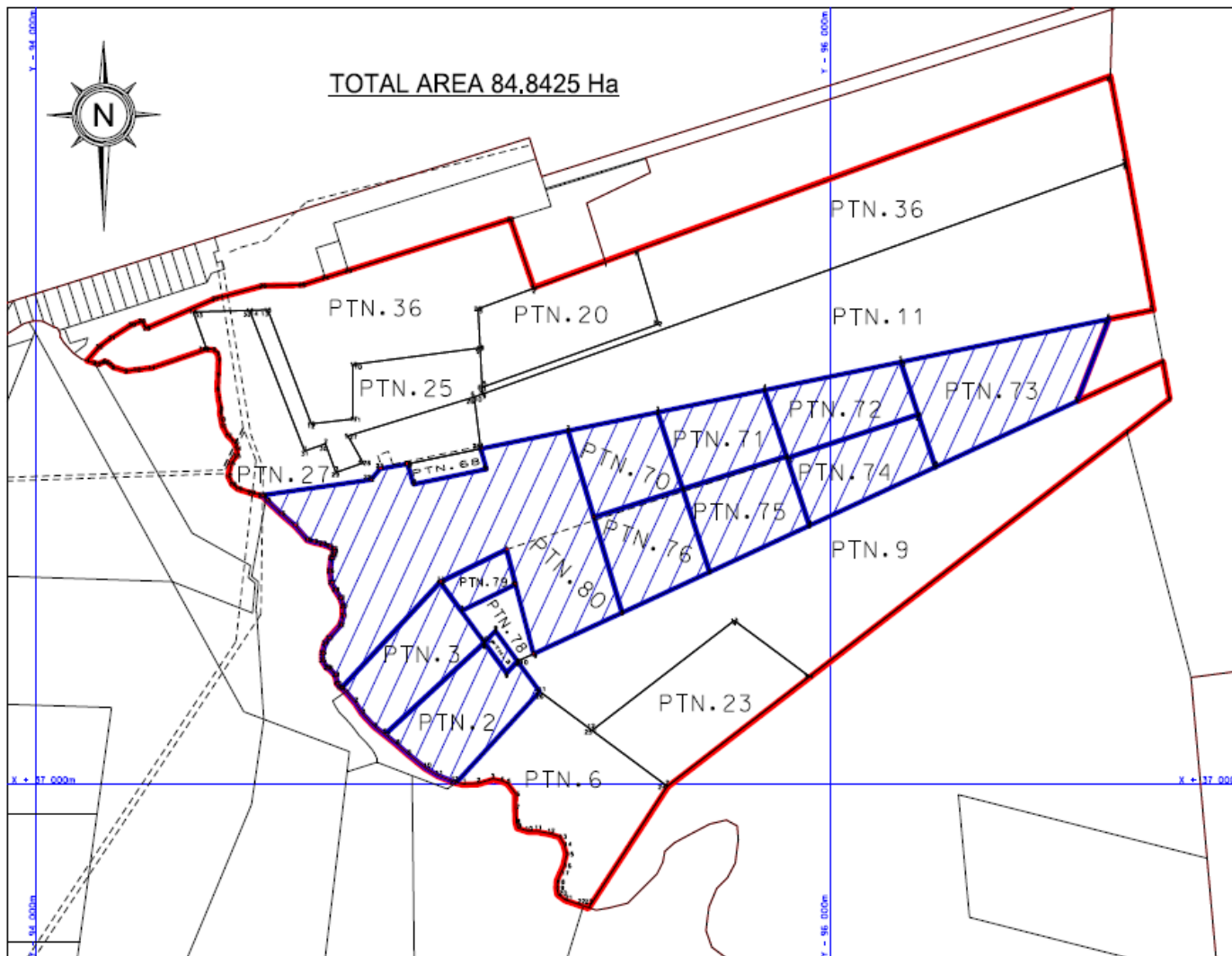
DESCRIPTION
1m CONCRETE BEACON SITUATED 743,428m
NORTH WEST WEST OF FARM HOUSE

SYSTEM: WGS84-LOZ7

EL4 Y X AMSL
-90 262,527 28 36676,591 1209,246

LEGEND

PORTION 2	6,5382 Ha
PORTION 3	6,5382 Ha
PORTION 70	4,9904 Ha
PORTION 71	5,1757 Ha
PORTION 72	5,5491 Ha
PORTION 73	10,4125 Ha
PORTION 74	5,529 Ha
PORTION 75	5,5411 Ha
PORTION 76	5,585 Ha
PORTION 79	1,5 Ha
PORTION 80	27,4833 Ha



PORTION CO-ORDINATES

PORTION 2

A = 205,00 4205,00
B = 205,00 4276,41
C = 42,15 -1147,17
D = 402,21 -2226,00
E = 143,15 -1416,55
F = 935,12 -788,20

PORTION 3

A = 110,17 131,28
B = 207,01 131,28
C = 207,01 224,39
D = 207,01 224,39
E = 222,00 131,28
F = 114,17 131,28
A = 110,17 131,28
B = 207,01 131,28

PORTION 70

303 X = 2 836 111,24 Y = 45 335,15
304 X = 2 836 055,25 Y = 45 545,41
305 X = 2 836 055,25 Y = 45 627,18
306 X = 2 836 055,25 Y = 45 627,18

PORTION 71

304 X = 2 836 055,25 Y = 45 545,41
305 X = 2 836 055,25 Y = 45 627,18
306 X = 2 836 055,25 Y = 45 627,18
307 X = 2 836 055,25 Y = 45 627,18

PORTION 72

305 X = 2 836 055,25 Y = 45 545,41
306 X = 2 836 055,25 Y = 45 627,18
307 X = 2 836 055,25 Y = 45 627,18
308 X = 2 836 055,25 Y = 45 627,18

PORTION 73

A = 2 836 055,25 Y = 45 170,50
B = 2 836 055,25 Y = 45 700,50
C = 2 836 055,25 Y = 45 627,18
D = 2 836 055,25 Y = 45 627,18

PORTION 74

A = 2 836 055,25 Y = 45 170,50
B = 2 836 055,25 Y = 45 700,50
C = 2 836 055,25 Y = 45 627,18
D = 2 836 055,25 Y = 45 627,18

PORTION 75

A = 2 836 055,25 Y = 45 170,50
B = 2 836 055,25 Y = 45 700,50
C = 2 836 055,25 Y = 45 627,18
D = 2 836 055,25 Y = 45 627,18

PORTION 76

A = 2 836 055,25 Y = 45 170,50
B = 2 836 055,25 Y = 45 700,50
C = 2 836 055,25 Y = 45 627,18
D = 2 836 055,25 Y = 45 627,18

PORTION 79

318 X = 2 836 402,71 Y = 45 016,83
319 X = 2 836 410,27 Y = 45 183,21
320 X = 2 836 402,71 Y = 45 205,54
321 X = 2 836 402,71 Y = 45 016,83

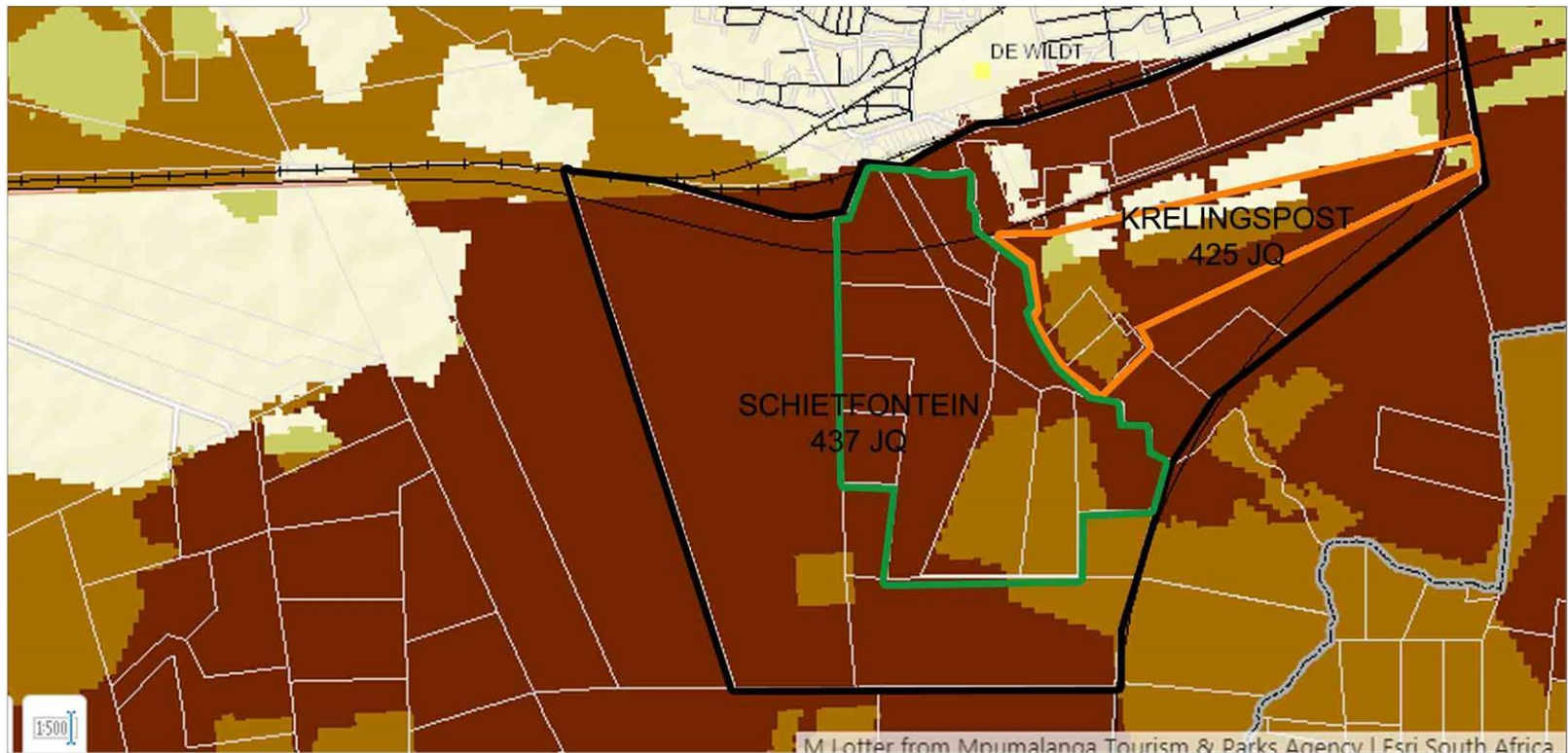
PORTION 80

A = 2 836 402,71 Y = 45 016,83
B = 2 836 410,27 Y = 45 183,21
C = 2 836 402,71 Y = 45 205,54
D = 2 836 402,71 Y = 45 016,83
E = 2 836 402,71 Y = 45 016,83
F = 2 836 402,71 Y = 45 016,83
G = 2 836 402,71 Y = 45 016,83
H = 2 836 402,71 Y = 45 016,83
I = 2 836 402,71 Y = 45 016,83
J = 2 836 402,71 Y = 45 016,83
K = 2 836 402,71 Y = 45 016,83
L = 2 836 402,71 Y = 45 016,83
M = 2 836 402,71 Y = 45 016,83
N = 2 836 402,71 Y = 45 016,83
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P = 2 836 402,71 Y = 45 016,83
Q = 2 836 402,71 Y = 45 016,83
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T = 2 836 402,71 Y = 45 016,83
U = 2 836 402,71 Y = 45 016,83
V = 2 836 402,71 Y = 45 016,83
W = 2 836 402,71 Y = 45 016,83
X = 2 836 402,71 Y = 45 016,83
Y = 2 836 402,71 Y = 45 016,83
Z = 2 836 402,71 Y = 45 016,83

PROPOSED SCHIETFontein / KRELINGSPOST PROSPECTING AREA ELEVATION.



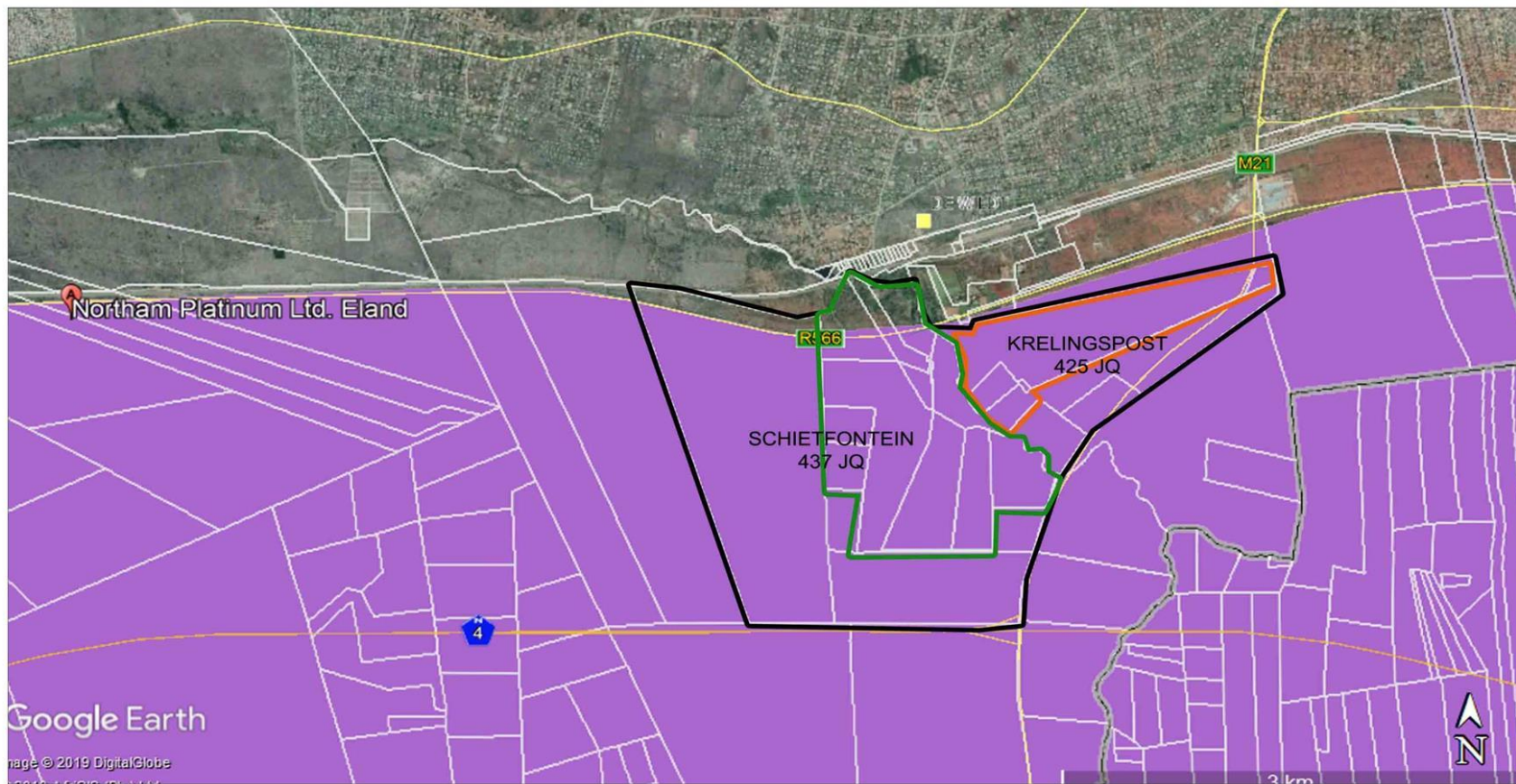
MINING AND BIODIVERSITY GUIDELINES (2013) BIODIVERSITY IMPORTANCE



LEGEND

- Highest biodiversity importance - highest risk for mining
- High biodiversity importance - high risk to mining
- Moderate biodiversity importance - moderate risk for mining

MAGALIESBERG IMPORTANT BIRD AND BIODIVERSITY AREA (IBA, 2015).

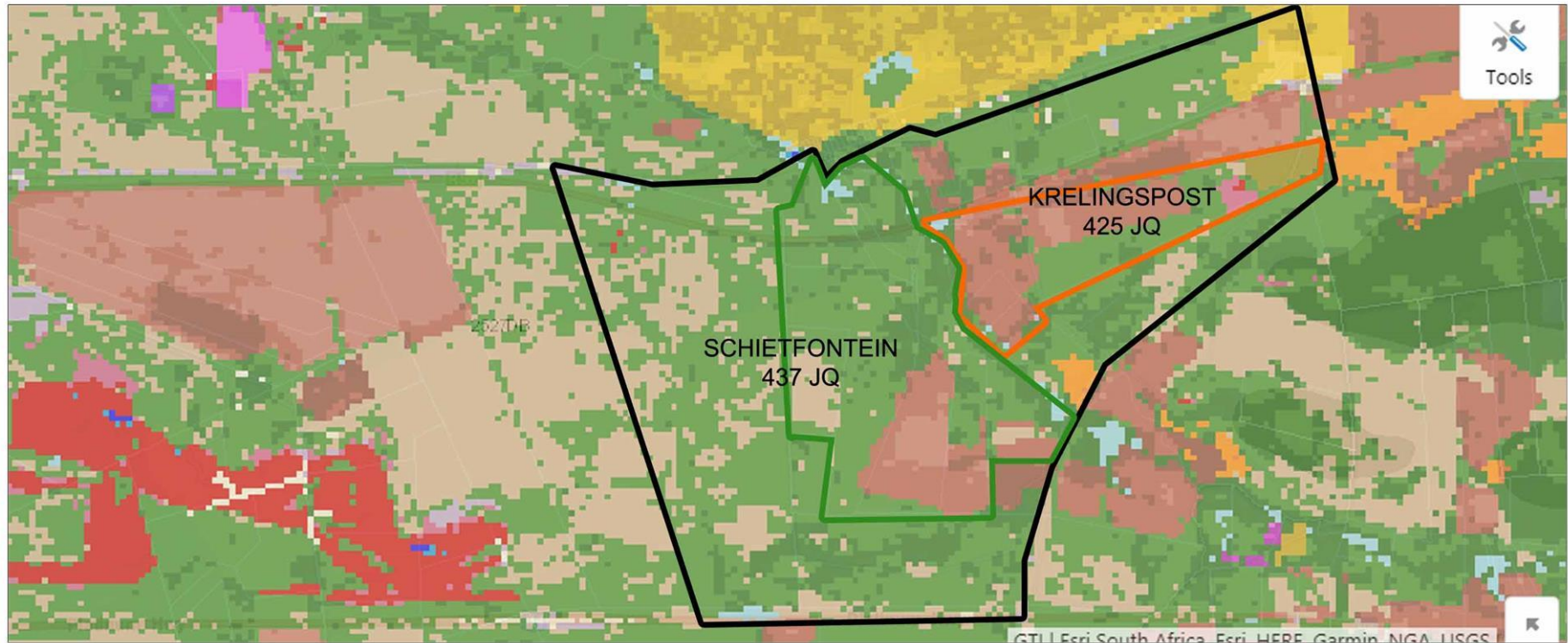


LEGEND



MAGALIESBERG IBA

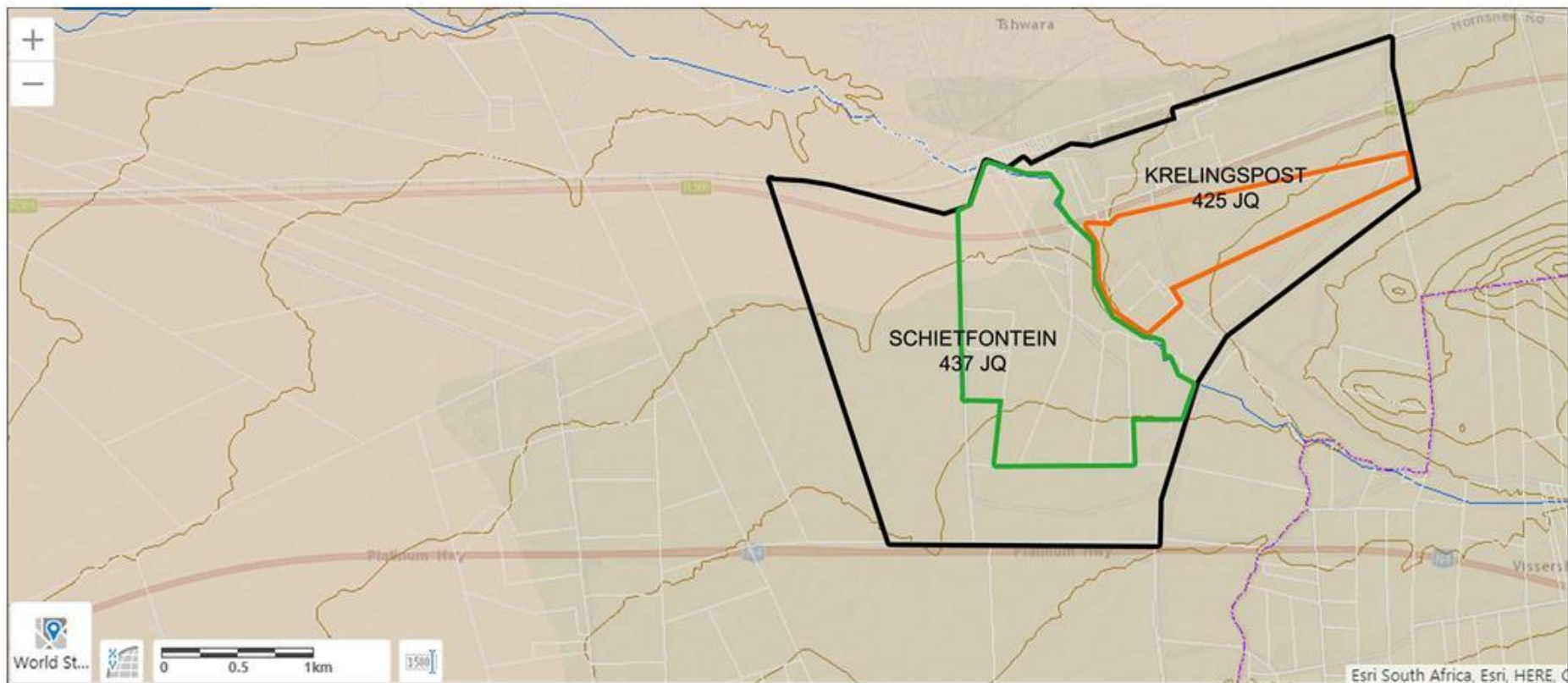
PROPOSED SCHIETFontein / KRELINGSPOST PROSPECTING AREA LANDCOVER.



LEGEND

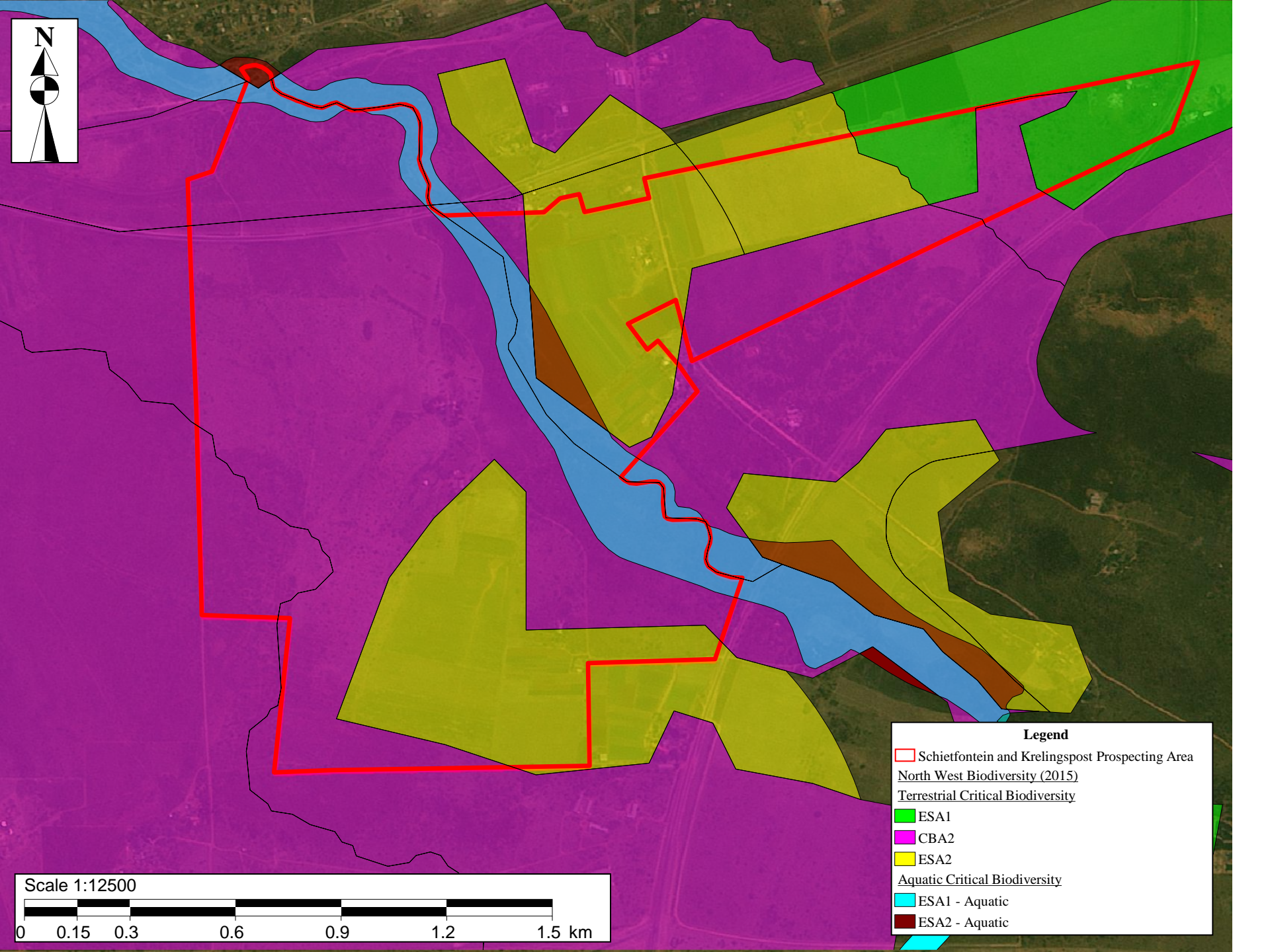
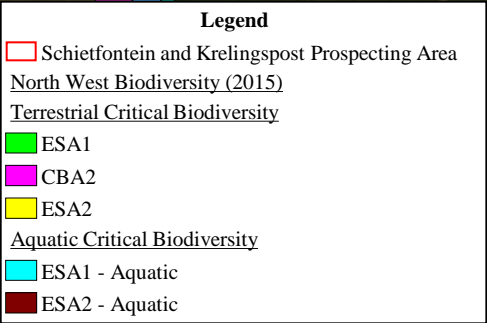
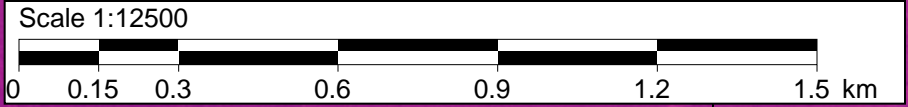
 Thicket /Dense bush	 Cultivated comm fields (high)
 Woodland /Open bush	 Cultivated comm fields (med)
 Grassland	 Cultivated comm fields (low)

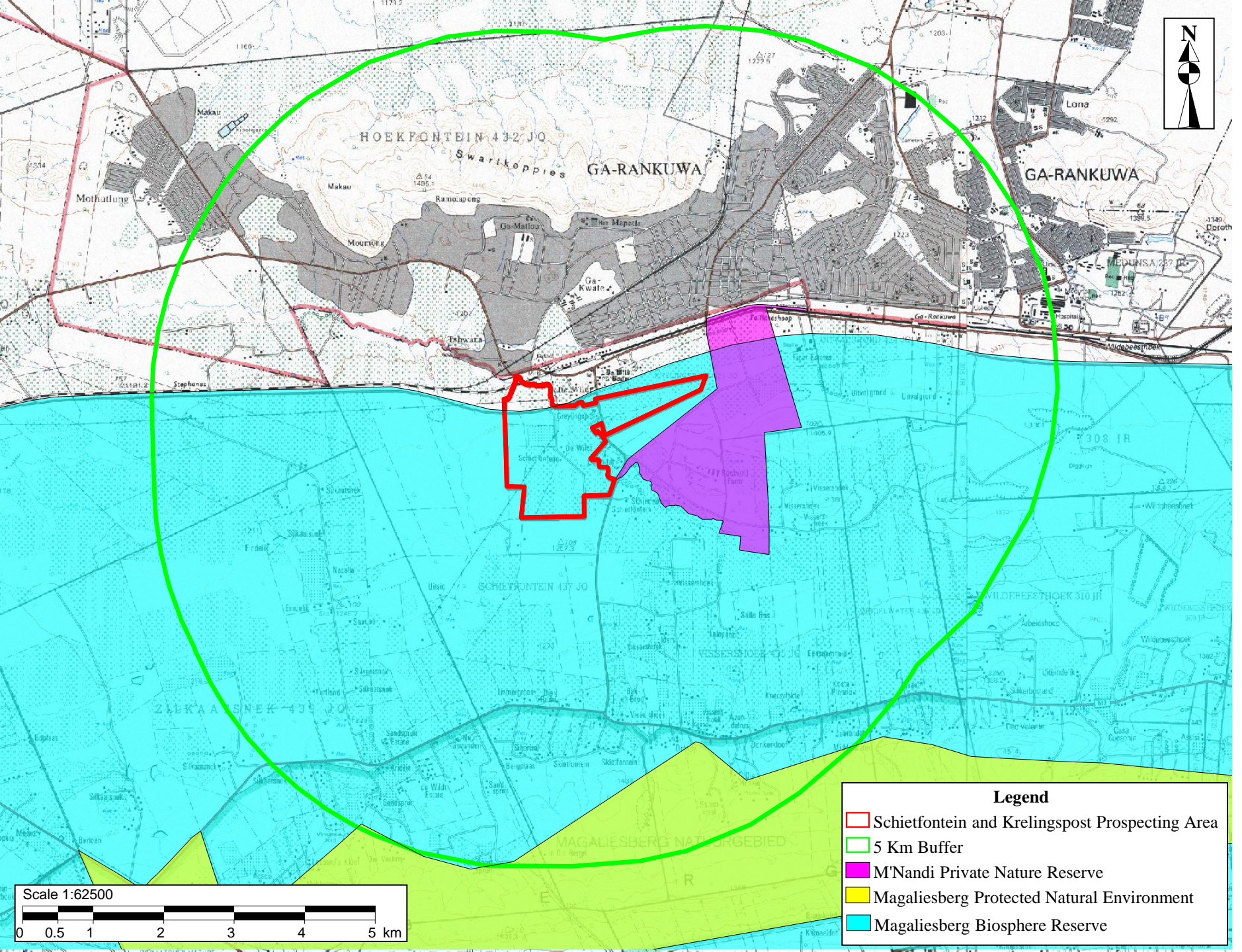
PROPOSED SCHIETFONTEIN / KRELINGSPOST PROSPECTING AREA SOIL DESCRIPTION AND CLASS.



LEGEND

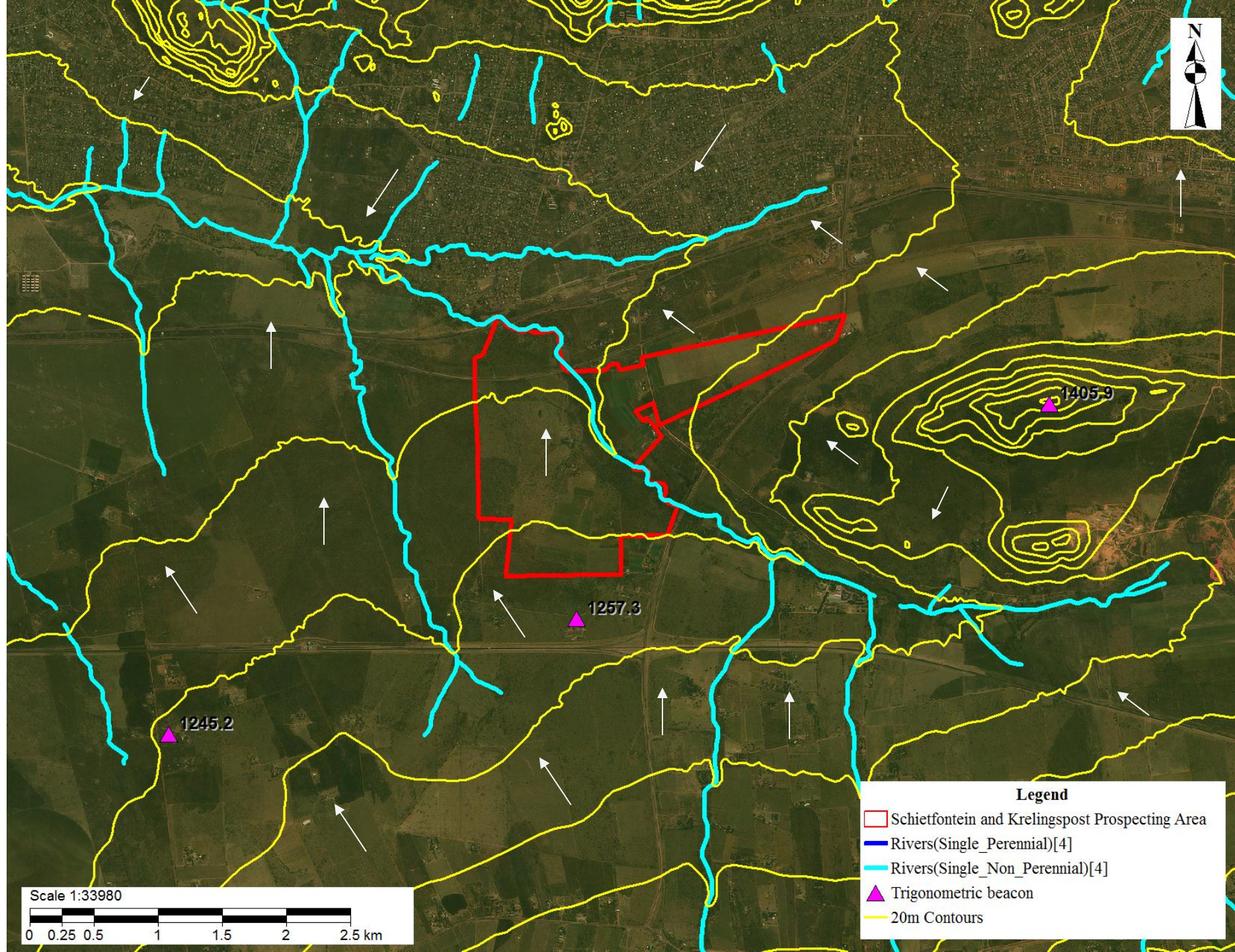
- Red soil with a high base status / freely drained and structureless
- Dark coloured swelling clay soils/ strongly structured.





Legend

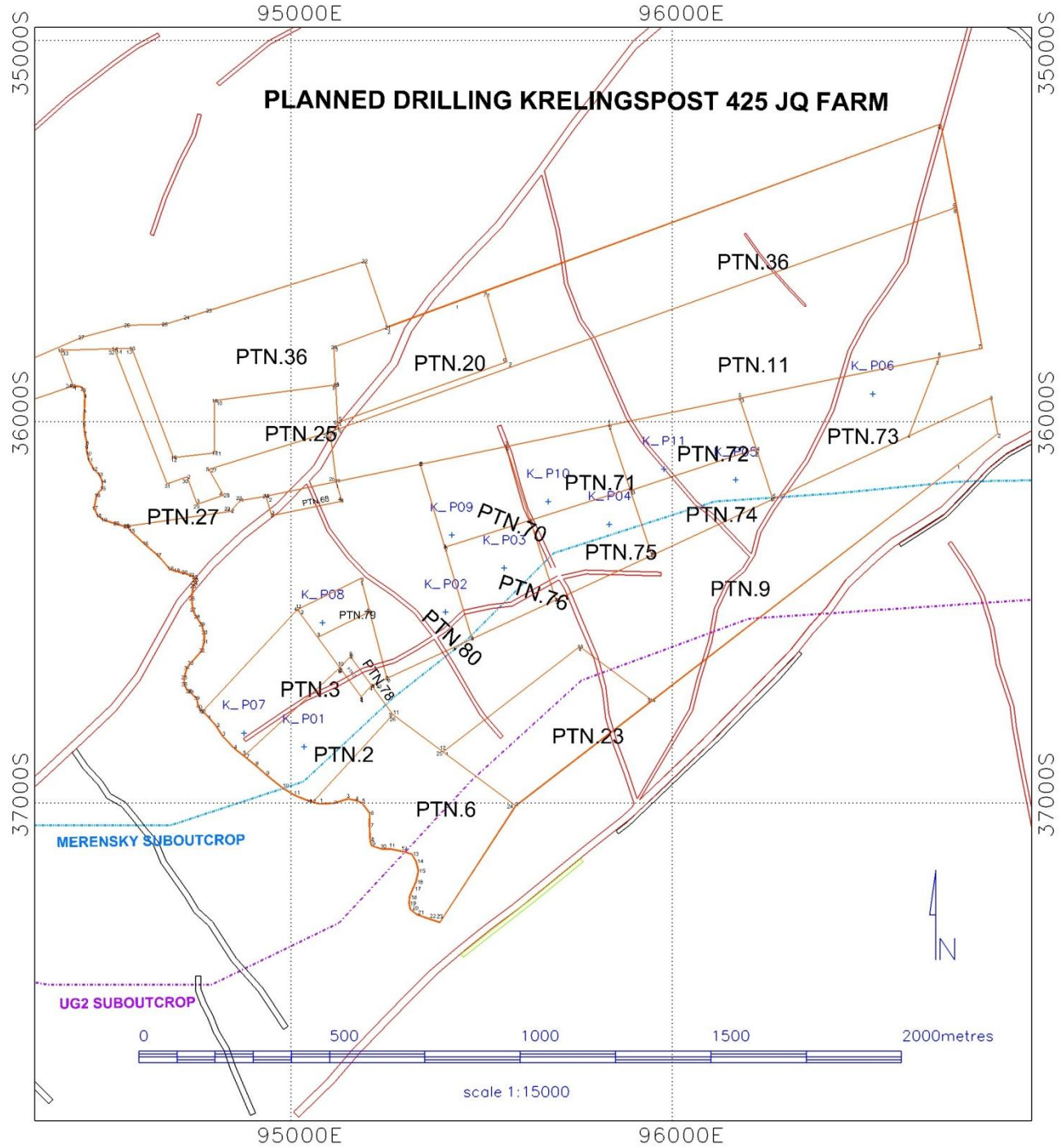
- Schietfontein and Krelingspost Prospecting Area
- 5 Km Buffer
- M'Nandi Private Nature Reserve
- Magaliesberg Protected Natural Environment
- Magaliesberg Biosphere Reserve



Appendix 4



scale 1:18000



Appendix 5

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2. APPROVAL AND SIGNATURES:

.....
General Manager

.....
Date

.....
Manager Engineering

.....
Date

.....
Manager Technical Services

.....
Date

.....
Manager Human Resources

.....
Date

.....
Manager: HSEC

.....
Date

.....
For and on behalf of the Mine H&S Committee

.....
Date

.....
Workers Representative

.....
Date



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3. STATUS OF MANDATORY CODE OF PRACTICE

- 3.1 The mandatory Code of Practice was drawn up in accordance with Guideline Reference Number Department of Minerals and Energy DMR 16/3/2/1-A5 issued by the Chief Inspector of Mines.
- 3.2 This is a Mandatory Code of Practice in terms of Section 9(2) and (3) of the MHSA.
- 3.3 The Code of Practice may be used in an accident investigation/inquiry to ascertain compliance and also, to establish whether the Code of Practice is effective and fit for purpose.
- 3.4 This Code of Practice supersedes all previous relevant Codes of Practice.
- 3.5 All managerial instructions, recommended procedures (voluntary Codes of Practice) and standards on relevant topics comply with the Code of Practice and are reviewed at least annually or after incidents/accidents occur to ensure compliance.

4. MEMBERS OF DRAFTING COMMITTEE

- 4.1 In terms of section 9(4) of the MHSA, I, Jacques Pretorius, confirm that I have consulted with the Health and Safety Committee on the composition of the drafting committee and the compilation of this mandatory code of practice for emergency preparedness and response.
- 4.2 After consultation with employees in terms of the Mine Health and Safety Act 29 of 1996, I, Jacques Pretorius, hereby appoint the committee members tabled below to the drafting and implementation of mandatory code of practice for emergency preparedness and response. We the drafting committee acknowledge this appointment by signing in the above signatory space.
- 4.3 This COP is not an overly technical document and is written in an understandable grammar and manner.

Name	Designation	Qualification	Affiliation	Years' Experience
Jacques Pretorius	General Manager	Mine Man Cert. Mine Overseers Cert & NHD	Mine Managers Association	28 Years
Tobey Sithole	Manager Engineering	GCC, B-Tech Electrical Engineering	AMRE	13 years
Coenie Roux	Manager Technical Services	BSc Engineering MRM	IMSSA SAIMM	24 Years
Gillcrist Moselesele	Manager Human Resources	B-Tech: Human Resources Management		
Martiens Prinsloo	Chief Safety Officer	NASDSAM SAMTRAC FMP UNISA	Bushveld Safety Forum	26 Years
Carel Kock	Eng.QA/QC	Quality Management		18 Years

William Lahloo	Employee Rep	Learner Elec		27 Years
Trudy Magopa	Learner Elec H&S Rep	Cert Electro Mach		8 Years

5. GENERAL INFORMATION

5.1 Location

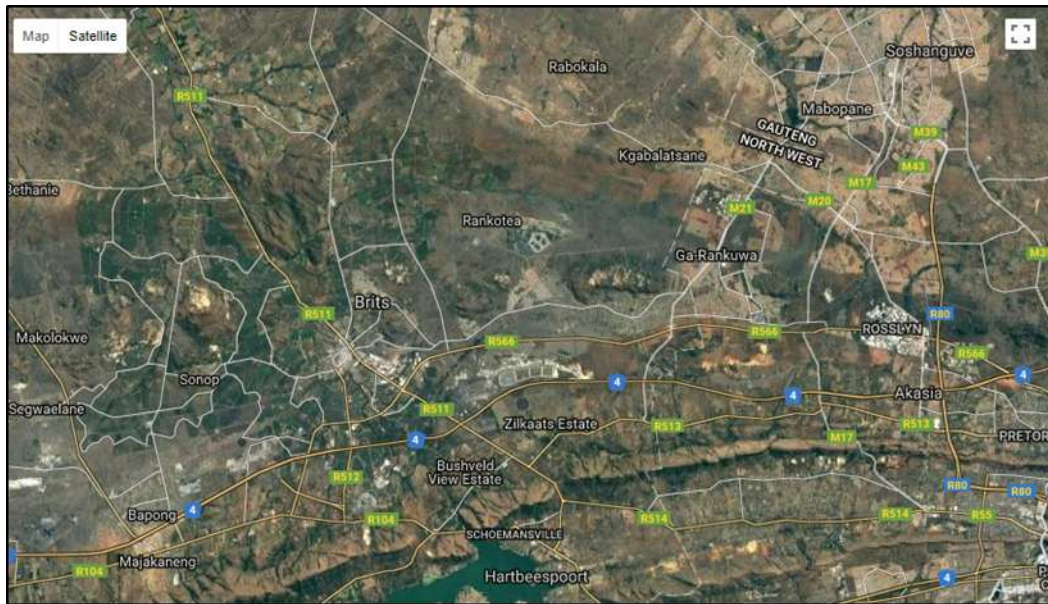


Figure 1 - Location of Eland Platinum Mine relative to surrounding towns.

Eland Platinum Mine is located in the North West Province of South Africa some 70km north of Johannesburg and approximately 12km east of Brits and immediately west of Garankuwa in the Madibeng Magisterial District.

The existing mining activity of Hemic Ferrochrome and Eastern Platinum's Crocodile River Mine (CRM) are located to the west whereas the communities of Damonsville and Mothotlung are located to the north of the mine lease area. The mine lease area is traversed by the R566 road linking Brits and Rosslyn as well as the Pretoria-Brits railway line running parallel to it. Immediately south of the property is the N4 National Road that links Pretoria with Rustenburg.

The topography is gently undulating with the exception of two fairly large outcrops of weather resistant gabbro-norite hills in the north. The elevation ranges from 1120m to 1320m above mean sea level.

The vegetation consists typically of scattered trees and shrubs with continuous grass ground cover. Typical summer rainfall of 680mm per annum is expected with average maximum temperatures ranging from 22° to 32°C. Winters are cool and dry and average minimum temperatures ranging between 2° to 18°C are expected, with occasional extreme temperature decreases causing frost. The area is bisected by a small river which flows westwards.

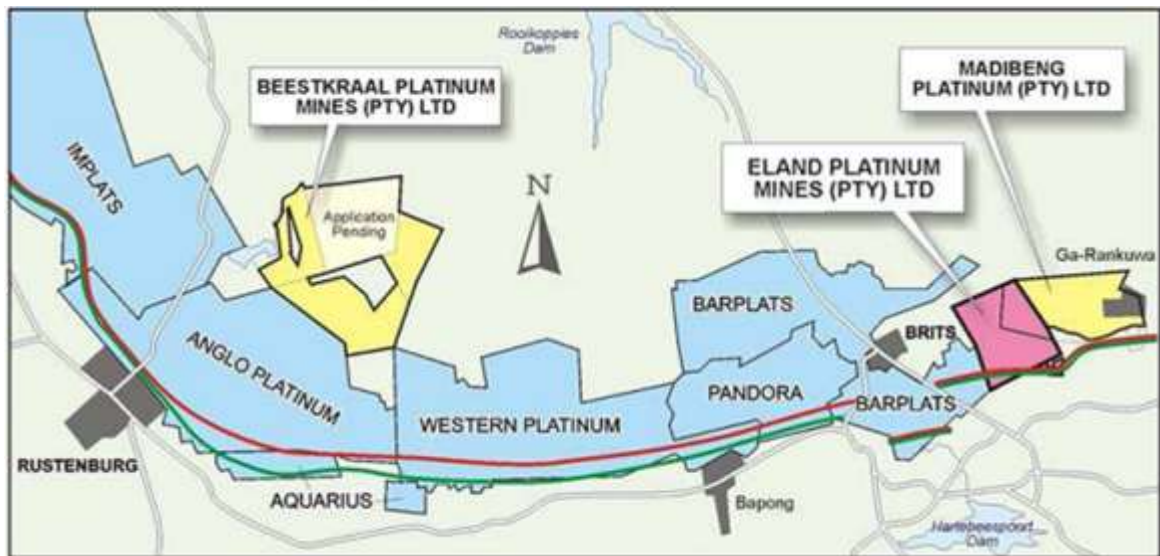


Figure 2 - Location of Eland Platinum Mine relative to neighbouring mines.

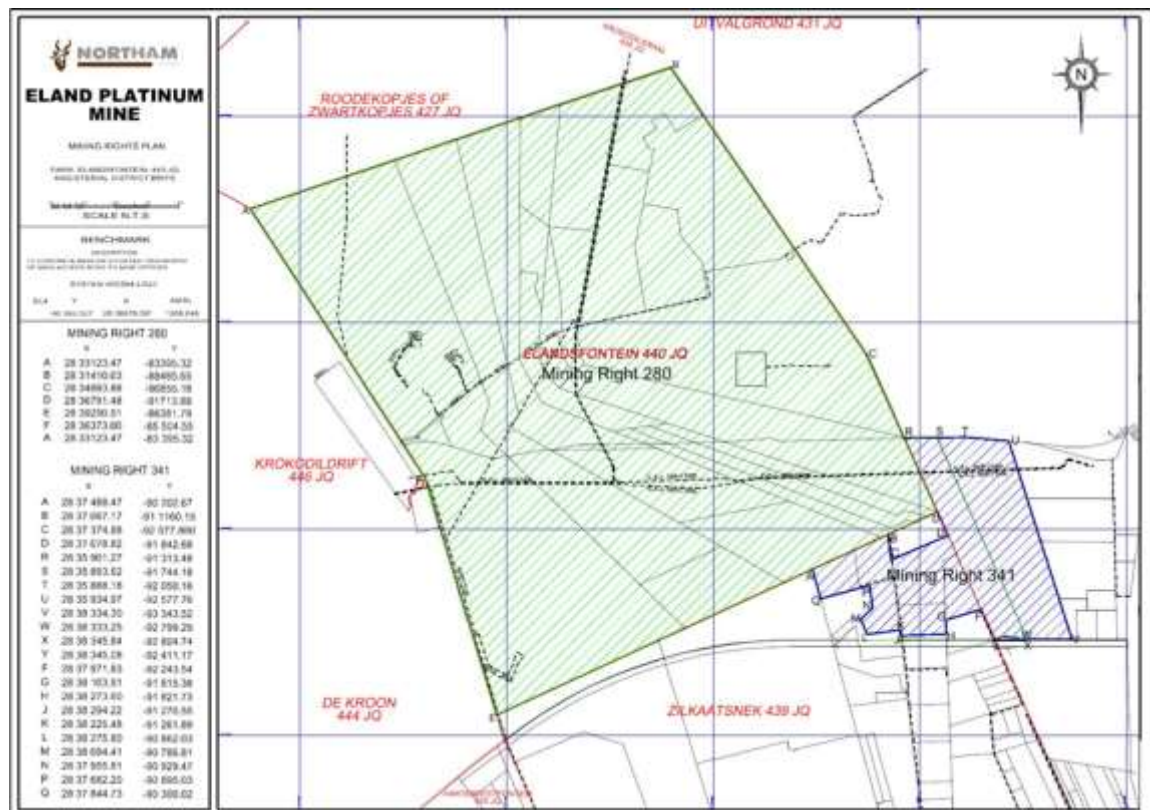


Figure 3 – A plan of the mine lease.

5.2 Commodities Produced

The minerals mined are Platinum Group Metals and Chromite. Platinum Group Metals (PGM's) are made up of Platinum, Palladium, Rhodium, Iridium, Ruthenium and Osmium.

6. TERMS AND DEFINITIONS

6.1 General Acronyms

CMR	Crisis Management and Response
COE	Centre of Excellence
COP	Codes of Practice
DMR	Department of Minerals Resources
E&DM	Emergency and Disaster Management
EMS	Environmental Management Systems
EXCO	Executive Committee
FHP	Fatal Hazard Protocol
GCD	Ground Control District
GDI	Gas Detection Instrumentation
HSEC	Health, Safety, Environment and Community
IT	Information Technology
LGO	Local Government Organizations
MHSA	Mine Health and Safety Act , Act 29 of 1996
MSDS	Material Safety Data Sheet
NGO	Non-Governmental Organizations
OB	Occurrence Book
OEM	Original Equipment Manufacturer
PDS	People Detection System
PPE	Personal Protective Equipment
PTO	Planned Task Observation
SAPS	South African Police Service
SBO	Safe Behaviour Operation
SMS	Short Message System
SOP	Site Operational Procedures
TARP	Trigger action response plan
TM3	Trackless Mobile Mining Machinery
VDS	Vehicle Detection System

6.2 Medical Acronyms

AED	Automated External Defibrillator
ALS	Advanced Life Support
ILS	Intermediate Life Support
BLS	Basic Life Support
ECG	Electro Cardio Gram
DOD	Declaration of Death
IOD	Injury on Duty
P1	Priority One (Immediate Urgent Transport)
P2	Priority Two (Transport may be delayed)
P3	Priority Three (Walking Wounded)
P4	Priority Four (Deceased)

6.3 Definitions

Accident	The accident classification identifies the circumstances which contributed most directly to the resulting accident. The accident may or may not be directly tied to any resulting injury.
Assembly Point	A designated place of safety defined in a plan / document to facilitate assembly of persons on surface or underground (refuge chamber).
Authorized Person	Any person who has been appointed to the MHSA by the site authority, and who is in possession of any relevant or required certification of competency.
Auxiliary Rescue Member	A trained and appointed Surface Rescue Member or Advanced Rescue Member employed at a business unit on rotational shift work operating with or within the Rescue Team.
Control Room	Is the “on site” operation Control Room from which day to day site operations are managed and which “on site” emergency incidents are reported to for further Emergency response activation
Emergency / Rescue Plans	Upgraded Plans required for emergency or rescue purpose
Emergency Incident	A situation, event or circumstances that could threaten the health, safety or wellbeing of life or adversely affect infrastructures and requires immediate remedial action
Emergency Medical Assistance	The immediate assistance rendered to minimize the worsening of a Medical Emergency.
Emergency Medical Services Practitioner/Paramedic	A trained, competent and appointed Emergency practitioner who is suitably qualified and registered and who can offer Basic, Intermediate or Advanced emergency life support.
Emergency Control Centre	The Control Centre established by the responsible Appointed Manager at Eland Miner or Contractor Site from where direct control of an emergency incident can be assumed.
Emergency Warden / Deputy	An appointed person within his / her department or area of responsibility with specific written instructions relevant to fire control, evacuation, associated maintenance and such duties
Explosive	Any chemical compound, mixture or device, the primary or common purpose of which is to function by explosion. These include explosives, blasting agents and detonators. The term includes but limited to, dynamite and other high explosives; slurries, emulsions and water gels, black powder and pellet powder, initiating explosives; detonators (blasting caps); safety fuse, squibs, detonating cord, igniter cord and igniters.

Fall Of Ground	Shall mean and include falls from hanging, sidewall, face, pillar and pressure burst or strain burst but shall not include any fall of ground which occurs on the surface. This definition includes a rock falling from the hanging; sidewall, face or pillar which falls onto the footwall and either rolls or slides down and strikes a person some distance away.
Hazard	A source of exposure to danger.
Incident	An undesired event that gave rise to an accident, property damage, environmental damage or other loss OR an undesired event which had the potential to lead to an incident.
Unless the context indicates a contrary intention	An expression which denotes: Any gender includes the other genders; A natural person includes a juristic person and vice versa; The singular includes the plural and vice versa.

7. RISK ASSESSMENT PROCESS FOLLOWED

7.1.1 Hazard and Risk Identification

Section 11 of the MHSA requires the employer to identify hazards, assess the health and safety risks to which employees may be exposed while they are at work, record significant hazards identified and risks assessed. This COP addresses how significant risks identified must be dealt with, having regard to the requirements of section 11 (2) and 11 (3), the procedures and standards forming part of and annexed to this document deals with the management of each foreseeable incident.

All attempts have been made to eliminate risks, thereafter to control the risk at source, thereafter to minimise the risk and thereafter, insofar as the risk remains, provide personal protective equipment and to institute programmes to monitor the risk.

7.1.2 Risk Assessment Process Followed

Risk management is done in accordance with the methodology and risk matrix in mySHEQ

- To ensure a consistent approach to performing risk assessments, related to Health, Safety, Environmental, Community, Quality (HSEC&Q), Technical and Projects hazards and / or aspects are used.
- To ensure that Eland Platinum Mine complies with the all applicable South African legislation and standards. This document sets the minimum guidelines required for the risk assessment and HSEC&Q risk management process to ensure that we comply with internal standards and procedures.
- The ultimate goal is to promote a culture of hazard identification and awareness of the effects that risks may have on the organization and the continuous evaluation and mitigation of risks

This procedure is maintained by the HSEC department and is available on request.



In addition to this a full baseline risk assessment has been done for Eland Platinum Mine. The Baseline Risk Assessment on mySHEQ and all documents are filed and controlled in the mySHEQ Document Control System

7.2 Related risks

7.2.1 Fall of Ground

Risk Management Strategies to prevent FOG are described in the COP to combat rock fall and rock burst accidents in tabular metalliferous mines as well as the Fatal Hazard Protocol no.1 – Ground Strata Failure. A complete TARP system for the management of ground conditions have been put in place to assist in the management of risk associated with unstable ground conditions Continuous risk assessments (PTO & SBO) are completed on support installation, barring and continuous monitoring of ground conditions by the TARP team in conjunction with the Safety and Mineral Resource Management Teams. Support strategies are reviewed regularly and adapted to suit specific conditions and requirements. Surface sub-distance to be measured.

7.2.2 Flooding (Surface Ingress and Shaft Bottom)

Flooding of the shaft could pose a threat to the viability of a shaft and mining operations. Water management systems have been developed in accordance of the Fatal Hazard Protocol No. 11 – Inrush and Outbursts of Water and are continuously adapted to cater for the specific water management requirements of each shaft. Baseline risk assessment and Issue based risk assessment are done on water ingress and management. Continuous risk assessments (PTO & SBO) and monitoring are done on water pump systems, catchment facilities and maintenance.

7.2.3 Trackless Mobile Mining Machinery

Man and machinery interaction is of great concern and management systems have been developed in accordance of the Fatal Hazard Protocol No. 2 – Mobile Equipment and required focussed management. Baseline risk assessments, as well as the Issue based risk assessment are in place. Continuous risk assessments (PTO & SBO) are done on Man and Machinery interaction. Ad-hoc audits assist with identification of poor maintenance and operation on TM3's.

7.2.4 Gases/Explosions/Fire

Fire poses a huge risk to mining activities. The major threats of fire underground on Eland Platinum are the TM3's and Conveyor Belt Systems and systems have been developed in accordance of Fatal hazard protocol No. 2 – Mobile Equipment, No. 7 – Confined Spaces and Flammable Gasses and Moving Machinery, Fatal Hazard Protocol No. 12 which includes conveyors. This forms part of the Baseline risk assessment and Issue based risk assessment done on conveyor belt fires and TMM's.

Explosives and their potential risk also contribute to the high risk associated with fire and explosions. Management systems have been developed in accordance of the Fatal Hazard Protocol No. 6. Baseline risk assessment and Issue based risk assessment

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have been completed on gases and related explosions, as well as a full range on explosives (Explosive COP).

Gases do not form a major risk at Eland Platinum Mine. Although CO and CO2 form a reasonable concern due to the nature of Eland Platinum's mechanised mining.

GDIs and calibration thereof is managed as laid out in the COP for Lamp Rooms. Ad-hoc audits also assist with identification of poor discipline, poor usage and poor maintenance.

7.2.5 Ventilation Failure

Ventilation failure poses a serious risk to the mining operations on Eland Platinum – for the company and employees. Management systems have been developed in accordance of the Fatal Hazard Protocol No. 7 – Confined Spaces and Flammable Gasses. A complete monitoring system is installed that will monitor gasses and air velocity, reporting to a central control room for each shaft – manned 24 hours a day. Continuous assessment and auditing will form part of the management of these systems by the Ventilation Department.

7.2.6 Electrical Failure

South Africa is currently in a crisis mode due to the unstable supply of electricity to the national grid by ESKOM. Management systems have been developed in accordance of the Fatal Hazard Protocol No. 4 - Electricity. This poses a major risk to operations within the mining sector. In line with the identification of this, contingency plans based on risk assessments need to be in place to mitigate the effect of a total or significant power failure on safety and operations at Eland Platinum Mine. The following scenarios need to be reviewed:

- Planned power outage – extended period of time
- Unplanned power outage – no timeframe for resolve
- Unplanned power outage – the effect on employees, machinery and production
- Unplanned national outages with no timeframe on resolve

7.2.7 Water Supply Failure

Eland Platinum water supply is supplied through the ground water that is pumped to surface via borehole systems and pumps. Contingency plans are in place, should ground water not be available, to revert to water supply from Hartbeespoort Besproeiingsraad canal system, fed directly from the Hartbeespoort dam. Quality and quantity is monitored throughout as water travels through the water purification plant situated at the Eland Platinum Concentrator.

7.2.8 Industrial Action

Industrial action is a major factor in mining in the South African economy. Regularly industrial action converts into violent activities that lead to malicious damage to property and could even lead to harm to employees. Eland Platinum has a continued monitoring system in place to monitor employee and environmental stability, creating preparedness plans for each scenario as they are identified.

7.2.9 Major HAZMAT Incidents



HAZMAT refers to a substance capable of creating harm to people, the environment and property. Major Hazard Management Plans are created for each risk identified. Baseline risk assessments and issue based risk assessments are completed for each of these.

7.2.10 Underground Injuries / Multiple Fatalities

The nature of mining creates a hazardous environment that will lead to injury or even death. Due to these risk assessments are done on all activities, machinery and equipment to eliminate or mitigate risk in the workplace. An emergency manual has been created to guide employees on what to do during a failure in safety, whereby a person might have been injured. This system endeavours to create a system whereby minimal time is lost due to lack of knowledge on what to do and how to handle a situation. This document provides a process flow on activation of emergency response and how to deal with the situation until the emergency services arrive.

7.2.11 Entrapment

Due to the nature of Eland Platinum Mine mining environment, the potential for trapping of workers in confined spaces, machinery or with Falls of Ground is a serious risk. It is therefore imperative that Eland Platinum has the capability and resources required to deal with such a situation by providing the correct tools and training for emergency response employees and service providers.

7.2.12 Medical Epidemics

Mining activities involve vast numbers of people, which in turn may lead to rapid spread of medical conditions if not monitored and dealt with as soon as possible. The Emergency manual must include guidelines to deal with the preparation, detection and management of potential major medical epidemics. Baseline and issue based risk assessment need to be completed by the Occupational Health Department.

7.2.13 Eland Platinum Mine Crisis Management and Response

A complete crisis management and response plan for Eland Platinum Mine has been developed to deal with any serious to critical incident.

In addition to the periodic review required by section 11(4) of the MHSA, the COP should be reviewed and updated after every serious incident relating to topics covered in this section of the Mandatory COP on Emergency Preparedness and Response, or if significant changes are introduced to procedures, mining and ventilation layouts, mining methodology, plant, equipment or material. Before changes are introduced, full risk assessments need to be completed.

8. ASPECTS TO BE ADDRESSED IN THE CODE OF PRACTICE

The following information has been put in place, to address the risks identified in the risk assessment process as mentioned above in section 7 of this document. It will also deal with

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other aspects that have not been mentioned in section 7 but have been identified as high risk aspects.

- Emergency Preparedness Measures
 - Detection and Early Warning Systems
 - Communication Systems
 - Emergency Medical Care
 - Mine Evacuation and Escape Procedures
 - Training and Awareness
- Emergency Response Measures
 - Rescue and Response Capabilities
 - Management of Emergencies
 - Reporting and Recording
 - Emergency Aspects Addressed in Other Mandatory COPs

8.1 Emergency Preparedness Measures

All high risk potential incidents as outlined in section 7 of this document should be detected as early as practicably possible and a warning system should be in place for timeous notification of such incident.

8.1.1 Detection and Early Warning Systems

a) Fixed/installed Early Warning Devices

Eland Platinum installed fixed ventilation monitors that will monitor and analyses gas and ventilation velocity. This system will be reporting through a SCADA system to the manned control rooms for each shaft.

Eland Platinum Mine makes use of lightning detection system – one situated on site at the Opencast Offices, the other is the South African Weather Service warning system notifying selected persons of any lighting activities within a specific radius from the mine.

A system monitoring strata movement is also utilized underground to monitor any abnormal movements within the strata that may lead to falls of ground and injuries

b) Robotic closure loggers

- Records all vertical movement taking place within the hanging wall.
- Installed in stoped out areas to determine closure and effectiveness of in situ pillars.
- Data is collected remotely on a weekly basis and analysed for movement.

c) Hanging wall Wire extensometers

- Indicate movement and proximity of movement within the hanging wall of excavation.
- Consists of.
- 3 steel cables with spring clips.
- 3 steel tapes connected to cables for measurements.
- Installed in primary and secondary development ends.
- Instruments are checked on a weekly basis.

d) Pillar Wire Extensometers

- Indicate movement and proximity of movement within the support pillars.
- Consists of.

- 1 steel cables with spring clips.
- 1 steel tapes connected to cables for measurements.
- Installed in support pillars.
- Instruments are checked on weekly basis.
- Ground vibration monitoring and crack monitoring done on monthly basis by ground works, due to undermining of the plant.

Maintenance of equipment is done in accordance with OEM specifications and legal requirements

e) Personal Warning Devices

- GDI's are placed as per the COP on Lamp Room
- All equipment that is required by law or supplier to be calibrated and serviced is sent in to registered service providers, ensuring legal compliance and effectiveness of early warning devices to minimize or remove any risk.
- All Personal Gas Detection Instruments, SCSR and lamps will be issued in the Lamproom and are as such subject to the Voluntary Lamproom Code of Practice, including maintaining detailed records of all equipment issued, managing defective Lamproom equipment and keeping record of such defective equipment.
- Frequencies of maintenance, calibration and testing procedures are reflected in documents referred to in below table.
- A PDS/VDS Detection system (Schaunburg) is in place for monitoring and management of interaction on all mine lamps and TM3's.
- Maintenance of equipment is done in accordance with OEM specifications and legal requirements
- Testing and calibration of personal equipment is done in accordance with the Lamp Room COP

Please refer to below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response.

#	DMR Guideline Heading	Sub Heading	Eland Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.1 Emergency Preparedness Measures							
8.1.1	Detection and Early Warning Systems	Detailed Procedures for Personal Issue of Detectors/Early Warning Systems.	Perform Lamproom Audit	x			
			Appointment as Lampsperson (Refer Lamproom COP)			x	
			Appointment as Relieving Lampsperson (Refer Lamproom COP)			x	
			Caplamp Burn-Down Maintenance Record Sheet (Refer Lamproom COP)			x	
			SCSR Record Sheet (Refer Lamproom COP)			x	
			Visitors Issue Register(Refer Lamproom COP)			x	
			Gas Monitoring Instrument Record Sheet Daily Register (Refer Lamproom COP)			x	
			Gas Monitoring Instrument Record Sheet Monthly Register (Refer Lamproom COP)			x	
			Procedure: Fire detection and suppression operation and maintenance	x			

		Fire Detection and Suppression Systems for Conveyor Belts		x		
		Portable fire equipment installation(Excluding Automatic / Manual fire detection and suppression system)		x		
		Caplamp Record Sheet (Refer Lamproom COP)			x	
		Lamproom Attendant's Shift Report (Refer Lamproom COP)			x	
		Lamproom Audit Report (Refer Lamproom COP)			x	

f) Procedures for Effective Alarm Levels, Maintenance & Testing and Further Preventative Control Measures and Procedures to Prevent Possible Emergencies

This section covers detailed procedures for alarm levels, frequencies of maintenance, calibration and testing as well as other preventative procedures to prevent possible emergencies.

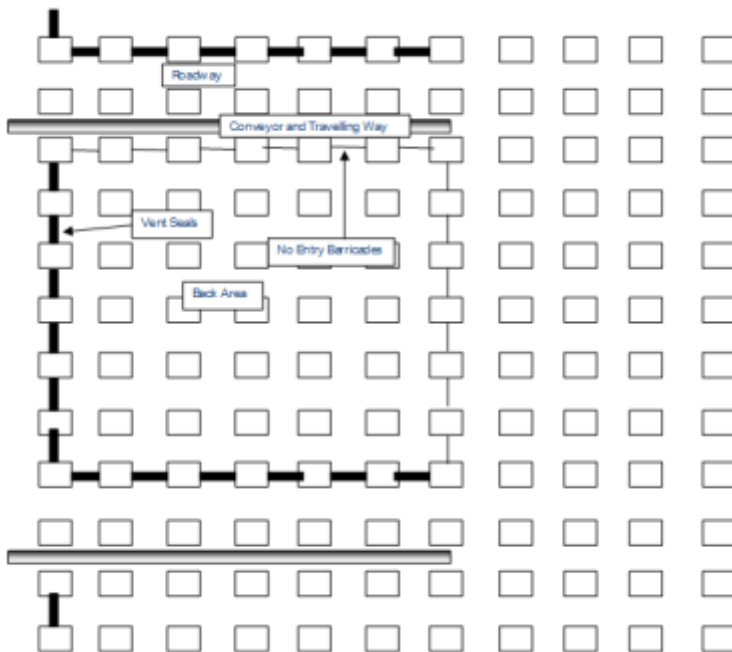
#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.1 Emergency Preparedness Measures							
8.1.1	Detection and Early Warning Systems	Procedures to Ensure That Actual Settings of Alarm Levels Remain Effective	Manage Control Room Early Detection System Procedure)	x			
		Frequencies of Maintenance, Calibration and Testing Procedures.	Manage Control Room Early Detection System Procedure	x			
		Further Preventative Control Measures and Procedures to Prevent Possible Emergencies	Early examination and safe declaration procedure	x			
			Precautionary Measures	x			
			Underground contraband and gas testing procedure	x			
			Construction of underground ventilation controls procedure	x			
			Clear Flammable Gas	x			
			Respond To Flammable Gas Detection	x			
			Hydrocarbon Management Procedure	x			
			Carbon Monoxide warning instrument daily spare control sheet	x			
			Fatal Hazard Protocol – Ground Strata Failure (Protocol No. 1)			x	
			Fatal Hazard Protocol – Mobile Equipment (Protocol No. 2)			x	
			Fatal Hazard Protocol – Electricity (Protocol No. 4)			x	
			Fatal Hazard Protocol – Emergency Response (Protocol No. 5)			x	
			Fatal Hazard Protocol – Confined Spaces and Flammable Gasses (Protocol No. 7)			x	

		Fatal Hazard Protocol – Fires and Explosions - (Protocol No. 8)			x	
		Fatal Hazard Protocol – Working at heights - (Protocol No. 10)			x	
		Fatal Hazard protocol – Inrush and Outburst of Water - Protocol No. 11)			x	
		Fatal Hazard Protocol for Moving Machinery (Conveyors) – Protocol No.12)			x	
		Major Hazard Management Plan For Ventilation Control			x	

Sealing of Abandoned Areas: (also see diagram below)

Back areas are sealed on strike along the roadways on the up dip side by means of sandbag walls and should be maintained at least 6 – 8 holings from the face (permanent) temporary seals may be extended on strike to within 2 x ventilation holings from the face, depending on the face velocities.

The down dip side of the conveyor ways must be barricaded as per Barricade Procedure. These barricades should be installed to the tail end of the strike conveyor then extended down dip to the next set of strike walls. The decline barrel is also equipped with wall seals.



Sealing of Surface Boreholes:

All surface boreholes are sealed.

A Mechanical locking device with a wooden plug is installed ± 5 m above the reef intersection. Then two bags of cement are mixed with water and the pumped down into the hole.

Sealing of Underground Boreholes:

Due to the cost implication and then also the presence of water influx from the underground holes, not all the holes drilled are sealed when the drilling is completed.

The sealing of underground holes only gets done if water is intersected during the drilling process of the underground borehole.

8.1.2 Communication Systems

- Lack of communication is probably the biggest problem that plagues emergency preparedness. An effective communication system is of vital importance and should be linked to the early warning systems in order to distribute the emergency information to the people that may be affected, before the incident reached them, preventing major destruction and loss, as well as enabling management and emergency management teams to co-ordinate emergency rescue and response.
- Communication underground has always been a challenge. A telephone system linking the underground workings to the Surface control rooms is the most popular system available at Eland. Telephones are located at all waiting areas and inside refuge chambers, providing a mode of reliable communication between surface and underground workings.
- On the Fixed Phones side – there is a fully redundancy PABX system that is part of the telecommunication infrastructure, provided by Bytes Technologies South Africa. There are 2 independent and redundant PABX Surface systems located at the Eland Concentrator and the Admin building at the management offices (or Farm House) This provides for the assurance of redundant communication systems.
- A Vodacom tower facility has been located onsite to facilitate effective cellular phone communication.
- The effectiveness of communication from the mine to internal and external parties via telephonic and web based communication will be evaluated regularly during simulation exercises.
- Frequent testing of the effectiveness of the communication systems is required – Scheduled testing will be conducted
- Backup plans for communication failure during an emergency are reflected in documents referred to in table below.

Please refer to below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine /Eland Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.1 Emergency Preparedness Measures							
8.1.2	Communication Systems	Type And Position Of A System For Communication	Emergency call management procedure	x			
			Emergency Response Plan Chart			x	
		Arrangements for Communications from the Mine to Outside Parties.	Respond To Emergency	x			
			Emergency Reporting Guideline			x	
			Emergency Telephone Numbers			x	

	The Testing of the Effectiveness of the Communication Systems on a Frequent Basis.	Perform Emergency Simulation	x			
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8.1.3 Emergency Medical Care

Eland Platinum Mine created Emergency response unit consisting of internal and external service providers. These providers will provide all response that might be required to deal with any emergency situation.

Please refer to below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.1 Emergency Preparedness Measures							
8.1.3	Emergency Medical Care	Arrangements For The Provision Of Emergency Medical Care	Manage Injuries	x			
			Preliminary Accident Report			x	
			Manage Emergency Medical Care Procedure	x			
		Availability, Locality, Quantity and Variety of Emergency Medical Equipment.	Emergency Medical Services Agreement on request/ need basis with Netcare 911/HEMS Hartbeespoort.			x	
			First Aid Bag Content			x	
			Basic Life Support Protocols			x	
			Intermediate Life Support Protocols			x	

8.1.4 Mine Evacuation and Escape Procedures

For the provision of safe way of escape and places of safety, a full emergency preparedness plan is being developed. Standards for places of safety and escape routes are implemented.

Life sustaining Refuge bays complete with required provisions such as fresh air, potable water and other life sustaining requirements are developed in line with the requirements and Best Practices from the DMR and Australia

Ventilation and Rescue plans are updated quarterly, in line with the requirements from the MHSA.

Please refer to below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type	Reference
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				Proc	Std	Supp	
8.1 Emergency Preparedness Measures							
8.1.4	Mine Evacuation and Escape Procedures	Procedures for the Escape and/or Rescue Of Persons	Escape Route Standard		x		
			Update Emergency Response Plan Procedure	x			
		Provision of Places of Safety	Code of Practice ventilation control	x			
			Underground Refuge Bay Procedure	x			

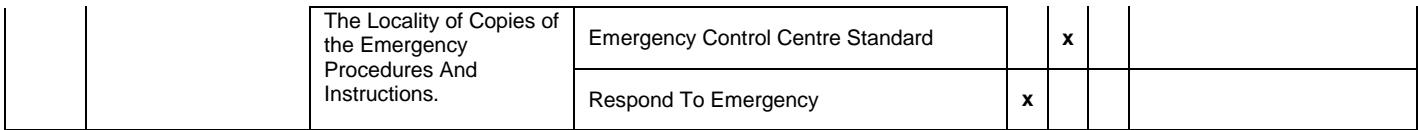
8.1.5 Training and Awareness

Upon entry to the mine, all employees, visitors, contractors and suppliers will be required to undergo an Induction Program; this is to ensure Safety Awareness for any person/s entering the premises. The program include the procedure to follow should an emergency arise.

Monthly emergency simulation drills will be conducted at the respective working places to ensure all employees are conversant with the Emergency Preparedness and Response Procedure.

Please refer to the table below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.1 Emergency Preparedness Measures							
8.1.5	Training and Awareness	The Content and Frequency of Emergency Training	Emergency Preparedness and Response Process Training Matrix			x	
			Perform Emergency Simulation	x			
			Emergency Simulation Report			x	
			Perform Rescue Drills	x			
			Lampsman Competency Qualifications (Refer Lamproom COP)			x	
		The Procedures and Appropriate Actions to be Taken in the Event of an Emergency, Including Simulated Exercises.	Perform Emergency Simulation	x			
			Emergency Simulation Report			x	
		The Correct Procedures And Applications On The Use Of Emergency Equipment.	Perform Rescue Drills	x			



8.2.1 Rescue and Response Capabilities

Please refer to below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response.

8.2.2 Management of Emergencies

- Please refer to below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.2. Emergency Response Measures							
Doc No. ELD-SHER-COP-001	Mandatory code of practice for emergency preparedness and response	Effective Date: 07-July-2018	Last Revision Date: 07-July-2018	Next Revision Date: 07-July-2019		Rev 0	Page 21 of 28
This document is maintained on an electronic database. The user must ensure that this printed version is the latest version as on the electronic database.							

8.2.2	Management of Emergencies	Procedures for the Updating of Emergency Manuals	Emergency Response Plan Chart			x	
		Establishment of Emergency Control Centre/s	Control Room Operator : Incident/Emergency Checklist			x	
			Proto Room Audit Report			x	
			Emergency Control Centre Standard		x		
			Emergency Log Book			x	
			Emergency Coordinator : Emergency Checklist			x	
			Shaft Guard: Emergency Checklist			x	
			Lampsman : Emergency Checklist			x	
			Scribe : Emergency Checklist			x	
			Runner: Emergency Checklist			x	
			Manager Engineering Emergency Checklist			x	
			Occupational Hygiene Superintendent: Emergency Checklist			x	
			Proto Manager : Emergency Checklist			x	
			Mine Overseer : Emergency Checklist			x	
			Mine Surveyor: Emergency Checklist			x	
			Manager Human Resource : Emergency Checklist			x	
			Stores Controller : Emergency Checklist			x	
			Occupational Medical Practitioner : Emergency Checklist			x	

The Duties and Responsibilities of Persons Required During an Emergency.

The table below indicates the names and corresponding document number of the relevant Standards, Procedures and Supporting Documents that define duties and responsibilities during and emergency.

As is prescribed, these documents are, inter alia, the appointment letters of competent persons appointed in terms of regulation 17(2)(a), as well as a schedule indicating the types of emergencies anticipated, and the time(s) required by these persons to reach the mine, which conforms to the mines' risk assessments.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.2. Emergency Response Measures							
8.2.2	Management of Emergencies	The Duties and Responsibilities of Persons Required During an	Emergency Manual			x	
			Respond To Emergency	x			

Doc No. ELD-SHER-COP-001	Mandatory code of practice for emergency preparedness and response	Effective Date: 07-July-2018	Last Revision Date: 07-July-2018	Next Revision Date: 07-July-2019	Rev 0	Page 22 of 28
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This document is maintained on an electronic database. The user must ensure that this printed version is the latest version as on the electronic database.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.2. Emergency Response Measures							
		Emergency.	Manage Fire Emergency	x			
			Emergency Response Plan Chart			x	
			Manage Conduct In Refuge Bay Procedure	x			
			Call Out Proto Team	x			
			Emergency Coordinator : Emergency Checklist			x	
			Control Room Operator : Incident/Emergency Checklist			x	
			Shaft Guard: Emergency Checklist			x	
			Lampsman : Emergency Checklist			x	
			Scribe : Emergency Checklist			x	
			Runner: Emergency Checklist			x	
			Manager Engineering Emergency Checklist			x	
			Occupational Hygiene Superintendent: Emergency Checklist			x	
			Proto Manager : Emergency Checklist			x	
			Mine Overseer : Emergency Checklist			x	
			Mine Surveyor: Emergency Checklist			x	
			Manager Human Resource : Emergency Checklist			x	
			Stores Controller : Emergency Checklist			x	
			Occupational Medical Practitioner : Emergency Checklist			x	
			17(2)(A) Appointment Emergency Travel Time			x	
			Respond To Flammable Gas Detection	x			
			Respond To Carbon Monoxide Detection	x			

Procedures to Deal with Adverse Environmental Conditions.

The table below indicates the names and corresponding document number of the Standards, Procedures and Supporting Documents that are relevant to dealing with adverse environmental conditions, which could be encountered during an emergency, e.g. flooding, gases, heat, etc.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type	Reference
---	-----------------------	-------------	------------------------------------	----------	-----------

				Proc	Std	Supp	
8.2. Emergency Response Measures							
8.2.2	Management of Emergencies	Procedures to Deal With Adverse Environmental Conditions, Which Could be Encountered During an Emergency, E.G. Flooding, Gases, Heat, Etc.	Clear Flammable Gas	x			
			Establish Fresh Air Base	x			
			Enter Abandoned Areas	x			
			Respond To Emergency	x			
			Retrieve Trapped Workers Due To Emergency	x			
			Manage FOG Emergency	x			
			Manage Environmental Emergency Procedure	x			
			Manage Machinery And Vehicle Emergencies	x			
			Manage Electrocution Emergency Procedure	x			
			Manage Structural Failure Emergency Procedure	x			
			Manage Working At Heights Emergency Procedure	x			
			Manage Communication Failure Emergency Procedure	x			
			Manage Employee Transport Emergency Procedure	x			
			Manage Labour Unrest Emergency Procedure	x			
			Manage Community Emergency Procedure	x			
			Fire Seal Standard		x		
			Manage Total Power Failure Emergency Procedure	x			
			Manage Explosion Emergency	x			
			Manage Fatalities	x			
			Manage Flooding Emergency	x			
			Manage Unplanned Total Surface Fan Failure On Shift	x			
			Manage Unplanned Total Surface Fan Failure During Off Shift	x			

8.2.3 Reporting and Recording

Equipment required for dealing with emergency situations stationed on site will be inspected and maintained in accordance with OEM specifications and legal requirements. These activities will be recorded in the appropriate documents pertaining to each piece of equipment.

Records of these activities will be available from the Emergency Coordinator.



Please refer to below for corresponding document numbers of relevant Standards, Procedures and Supporting Documents relevant to this portion of the COP on Emergency Preparedness and Response.

#	DMR Guideline Heading	Sub Heading	Eland Platinum Mine Document Title	Doc.Type			Reference
				Proc	Std	Supp	
8.3. Reporting and Recording							
8.3	Reporting and Recording	The Procedure for the Inspection, Testing and Maintenance of All Equipment and Facilities that May be Used In an Emergency at Appropriate Intervals, And By Persons Designated By The Employer For This Purpose	Lamproom Audit Report (Refer Lamproom COP)			x	
			Proto Room Audit Report			x	
			Audit Emergency Facilities	x			
			AUDIT for the Mandatory Code of Practice for Emergency Preparedness and Response			x	
			Mining Division - Stope and Refuge Bay Report (Ventilation Inspection Report - Stopping)			x	
			Mining Division Development Report (Ventilation Inspection Report - Development)			x	
			Investigate Emergency Incident	x			
			Incident Investigation Standard		x		
			(ICAM) Incident Cause Analysis Method - Investigation Report			x	
		The Reporting, Recording and Archiving System, at Appropriate Intervals of Those Measures and Procedures and The Person/s Responsible.	Annual DMR SCSR Report: Eland			x	
			Recording of a Fall of Ground Incident (Controlled and Identified Uncontrolled Incidents			x	
			Recording of a Fall of Ground Incident (Uncontrolled Incident)			x	

8.3 Emergency Aspects Addressed In Other Mandatory COPs

Category: Emergency Aspects Addressed In Other Mandatory COPs	
Document Name	Document Number
1 COP To Combat Rock Fall And Rock Burst Accidents In Tabular Metalliferous Mines	
2 Code of Practice for Lamprooms Covering Gas Detection Instrumentation, Portable Lamps and Self-contained Self-Rescuers	
3 Mandatory COP for Flammable Gas	

9. IMPLEMENTATION

A complete implementation strategy will be developed to ensure complete roll-out and training on the COP on Emergency Preparedness and Response.

9.1 Implementation Plan

The employer must prepare an implementation plan for its COP that makes provision for issues such as organisational structures, responsibilities of functionaries and programmes and schedules for this COP that will enable proper implementation of the COP. An implementation plan that includes the following elements will be developed:

- a) The documentation will be loaded into mySHEQ
- b) All persons responsible for any aspect of the management on Emergency Preparedness or Response will be identified and appointed to discharge their duties in accordance with this Code of Practice. Such identified individuals will receive communication and training on the content of the Code of Practice, as relates to their specific responsibilities.
- c) The content of the Code of Practice will be made available to the Training Centre where the current training material will be updated in accordance with the required provisions of the Code of Practice.
- d) Training Centre will, in consultation with mine management, determine the training requirements for management and employees, involved in the management of Emergencies and ensure that training for such staff is scheduled and attended accordingly.
- e) A system of "Planned Task Observations" is in place to ensure persons responsible perform their duties in accordance with laid down procedures contained in this COP.
- f) A system of "Audits" is in place and is conducted to ensure that procedures and standards specified in this COP are applied.
Information may be graphically represented to facilitate easy interpretation of the data and to highlight trends for the purpose of risk assessment.

10. COMPLIANCE WITH COP

The employer must institute measures for monitoring and ensuring compliance with the COP:

- a) All involved management and employees are required to comply with the provisions of the Code of Practice.
- b) An annual compliance audit will be undertaken to assess the compliance to the Code of Practice.

11. ACCESS TO THE COP AND RELATED DOCUMENTS

The employer must ensure that the complete COP and related documents are kept readily available at the mine for examination by any affected person.

- a) All documents indicated in the Code of Practice are electronically filed on mySHEQ, identified by the document title or document number.
- b) Hard copies of this COP and related documents will be available at the Emergency Control Centre



A registered trade union with members at the mine or where there is no such union, a health and safety representative on the mine, or if there is no health and safety representative, an employee representing the employees on the mine, must be provided with a copy of the written request to the manager. A register must be kept of such persons or institutions with copies to facilitate updating of such copies

The employer must ensure that all employees are fully conversant with those sections of the COP relevant to their respective areas of responsibility

12. IMPLICATIONS OF NON-CONFORMANCE

Non-compliance with this Code of Practice is considered serious misconduct and could result in disciplinary action in terms of the Eland Platinum Disciplinary Procedure.

13. ENFORCEMENT

Enforcing of the Code of Practice will take place through the Eland Platinum Disciplinary Procedure

14. REFERENCE

A complete training program will form part of the implementation strategy that will include all employees, management and external providers.

Document No.	Document Name
	Eland Platinum Mine Mandatory Code of Practice for Emergency Preparedness and Response
	Eland Platinum Mine Emergency Response Plan Manual
	Eland Platinum Mine Crisis Management and Recovery Manual
	Mine Health and Safety Act 29 of 1996
	ICMM Good Practice In Emergency Preparedness And Response
	SIMRAC: A MANUAL FOR BEST PRACTICE FOR EMERGENCY RESPONSE PART 4: A CHECKLIST OF BEST PRACTICE REQUIREMENTS FOR THE PREVENTION AND MANAGEMENT OF INRUSHES, FIRES, EXPLOSIONS AND OTHER EMERGENCIES
	Incident Management And Reporting
	Eland Platinum Mine - Patient Report Form

Annexure A. Table of revisions and track changes

Reason for Change – Index	
A. As a result of incidents	B. As a result of audit findings
C. New/changes in governance documents	D. Changes in legislation
E. Changes in technology	F. Changes in machinery/equipment
G. Results of risk assessments	H. Change in training requirements
I. New document format/ or numbering	J. Change due to spelling or grammatical error
K. To integrate a special instruction into the document control system	L. Periodical Revision due

Date of change	Revised Item(Paragraph number)	Changes Made	Reason Code	Name of reviewer



NORTHAM

ELAND



To grow the business into a long-life, major producer of PGMs, and doing this safely and efficiently while continuously moving down the cost curve.

OUR HSEC POLICY

Eland Mine is to mine PGMs and other metals efficiently and responsibly with due care for the health and safety of our employees, contractors, communities, the environment we operate in and all other stakeholders affected by our mining and beneficiation processes. We subscribe to world class safety, health and environmental practices, guided and directed by our Corporate Safety, Health and Environment Strategy and Objectives.

To achieve this we will:

Develop, implement and maintain an integrated safety, health and environment management system to comply with Northam Platinum Limited targets and commitments;

Drive continual improvement through setting objectives and targets based on sound risk management methodologies, conduct regular reviews of the system and measure our performance through management self-audits;

Comply with all applicable legislation, company policies and procedures and project objectives;

Apply relevant international best practices to our local conditions as part of our commitment to continual improvement;

Promote awareness of potential safety, health, environment and quality impacts of each person's activities, and our business processes on an ongoing basis;

Conserve natural resources such as water, energy and land by encouraging employees, contractors and stakeholders to minimise consumption of resources and prevent pollution through proactively implementing mitigating measures through responsible and accountable construction of the mine;

Take due care to prevent process loss, property damage, work related injuries and occupational diseases and ensure that activities are safe for employees, contractors, and stakeholders who enter our work environment;

Adopt a clear vision of future business decisions, harnessing best available technologies, processes, materials, products and management practices which improve safety, health and environment performances;

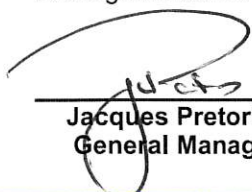
Train employees and contractors on issues of safety, health and environment management to ensure sustainable performance;

Strive to deliver all milestones on time through proactive planning, contingency planning and risk management;

Place people at the centre of our business through the implementation of People Based/Behavioural Safety Principles;

Establish and promote a culture of mutual interest and care between employees, to ensure that all our employees and contractors take due care and cognisance of the impact of our own acts, and those of others on the safety and health of fellow workers and the environment.

The personal involvement of each employee and contractor is essential to achieve the successful implementation of this policy. The effort of each employee is worthwhile as it will not only achieve a reduction in injuries, accidents, health and safety risks, environmental incidents and impacts, but also improve the quality of life for all employees and our communities, for all future generations.


Jacques Pretorius
General Manager


Trudy Magopa
H&S Representative


William Lehloo
Employee Representative



INTERESTED AND AFFECTED PARTIES AND STAKEHOLDERS CONSULTATION REPORT

FOR THE

**PROPOSED SCHIETFontein AND KRELINGSPOST
PROSPECTING RIGHT APPLICATION**

BY

**ELAND PLATINUM PROPRIETARY LIMITED, A
SUBSIDIARY OF NORTHAM PLATINUM LIMITED**

DMR REFERENCE: NW30/5/1/1/3/2/1/12604EM

August 2019

Compiled for: **Eland Platinum**
PO Box 3436,
Brits,
0250,
South Africa
Tel: +27 12 381 4099
Fax: +27 11 325 4795

Compiled by: **CHEMC Environmental CC**
PO Box 194
PERSEQUOR PARK
0020
Tel: +27 12 802 1002
Fax: +27 12 802 1004

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OR! BOOKMARK NOT DEFINED.	

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OR! BOOKMARK NOT DEFINED.

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ERR

OR! BOOKMARK NOT DEFINED.

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LIST OF ABBREVIATIONS

Abbreviation	Definition
BPDM	Bojanala Platinum District Municipality
DMR	Department of Mineral Resources
DBAR	Draft Basic Assessment Report
DWS	Department of Water and Sanitation
EM Surface Area	The section of the Eland Mine area where surface infrastructure is situated
FBAR	Final Basic Assessment Report
EA	Environmental Authorisation
EM	Eland Mine
EMPR	Environmental Management Programme
I&AP	Interested and Affected Party
MLM	Madibeng Local Municipality
NWDREAD	North West Department of Rural, Environment and Agricultural Development
PPP	Public Participation Process
SAHRA	South African Heritage Resources Agency
ROM	Run of Mine

1 INTRODUCTION

Eland Platinum Proprietary Limited ("**EP**"), a subsidiary of Northam Platinum Limited ("**Northam**"), has submitted an application for an environmental authorisation ("**EA Application**") under the National Environmental Management Act 107 of 1998 ("**NEMA**") to the Department of Mineral Resources ("**DMR**") for the prospecting right application ("**Prospecting Right Application**") on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ ("**Schietfontein**") and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("**Krelingspost**") ("**Proposed Schietfontein and Krelingspost Prospecting Area**"). The EA Application was submitted to the DMR North-West Region on the 3rd of May 2019, and CHEMC Environmental subsequently received an acknowledgement of receipt, dated 28 May 2019, from the Regional Manager of the DMR North-West Region with the application reference number **NW30/5/1/1/3/2/1/12604EM**.

The prospecting activities on the Proposed Schietfontein / Krelingspost Prospecting Area will include the drilling of eleven diamond drilled boreholes on Schietfontein and eleven diamond drilled boreholes on Krelingspost for sampling over 5 years (the "**Proposed Project**"). The Proposed Project includes several properties with different landowners, targeting exclusively the Merensky Pyroxenite, Upper Group ("**UG**")² and UG1 chromitite layers in, on or under the Proposed Schietfontein and Krelingspost Prospecting Area.

As part of the DMR Environmental Applications ("**Proposed Project Environmental Application**") process, EM is required to run a Public Participation Process ("**PPP**") and to open an Interested and Affected Parties ("**I&AP**") register to record all issues, comments and concerns raised regarding the Proposed Project. The purpose of this report is to indicate the PPP that had been followed; how the public had been notified; to record when issues, comments and concerns were raised by I&APs; and how EP will proactively address these comments.

Stakeholder engagement is an on-going process for EP and it is committed to continuing correspondence with I&APs regarding EM's activities and contributions to the local communities.

1.1 Project Description

The following activities are planned on the Proposed Schietfontein and Krelingspost Prospecting Area:

Schietfontein 437JQ

Eleven diamond drilled boreholes are planned on Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of Schietfontein over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to the

understanding of the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky UG2 and UG1 Reefs.

The mineral distribution of the ore-body is to be determined by diamond core drilling, core logging, sampling and assaying of the drill core. The relevant lithological, structural and assay information of each borehole will be collected according to EP's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise. Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr₂O₃ and Fe₂O₃ will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility, located at EM. All geological information collected from the borehole logs will be stored in digital format in a database.

Krelingspost 425JQ

Eleven diamond drilled boreholes are planned on Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of these Reefs.

The mineral distribution of the ore-body is to be determined by diamond core drilling, core logging, sampling and assaying of the drill core.

The relevant lithological, structural and assay information of each borehole will be collected according to EP's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise. Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr₂O₃ and Fe₂O₃ will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility located at EM. All geological information collected from the borehole logs will be stored in digital format in a database.

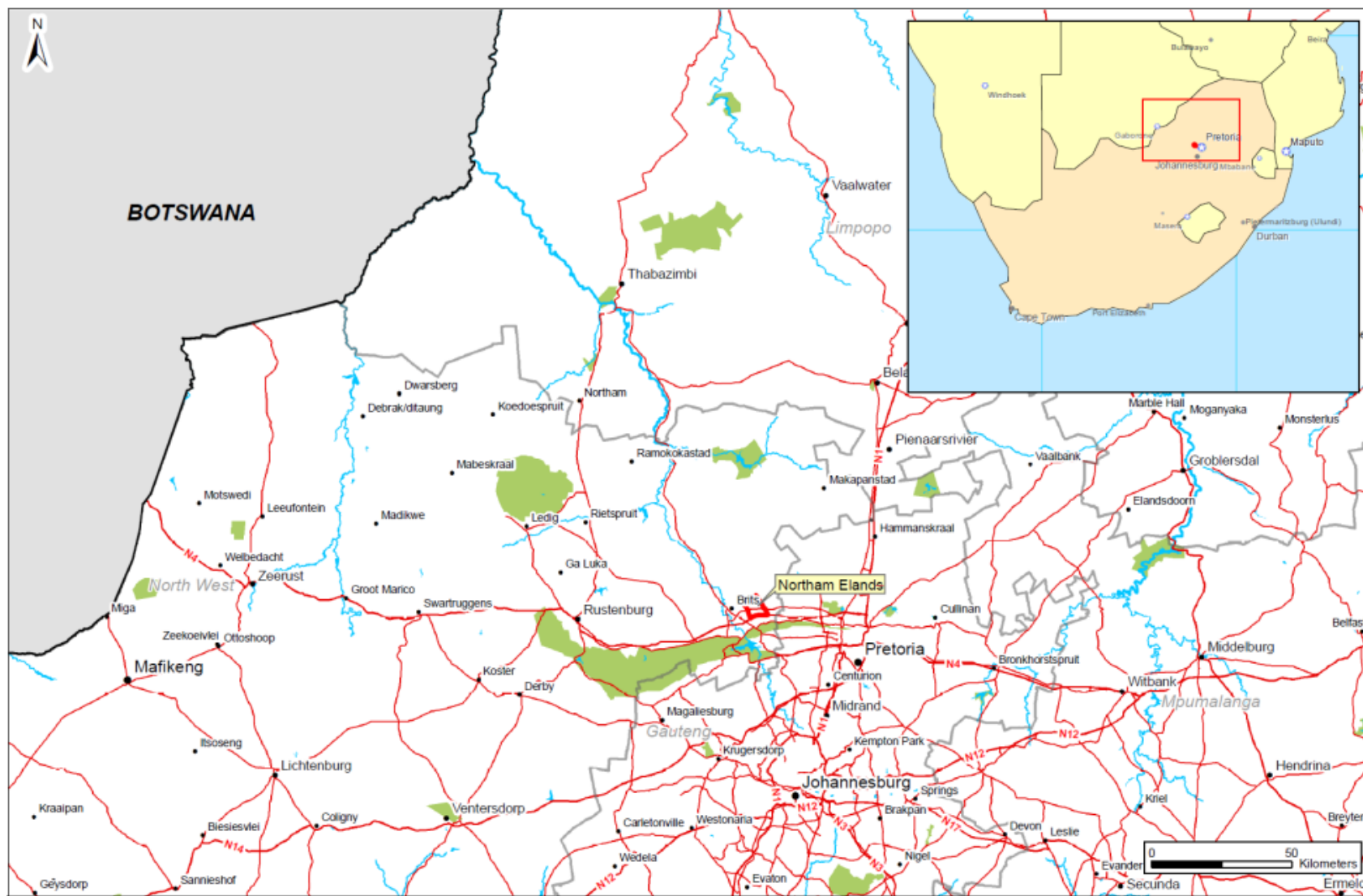


Figure 1: Regional Locality Map for EM

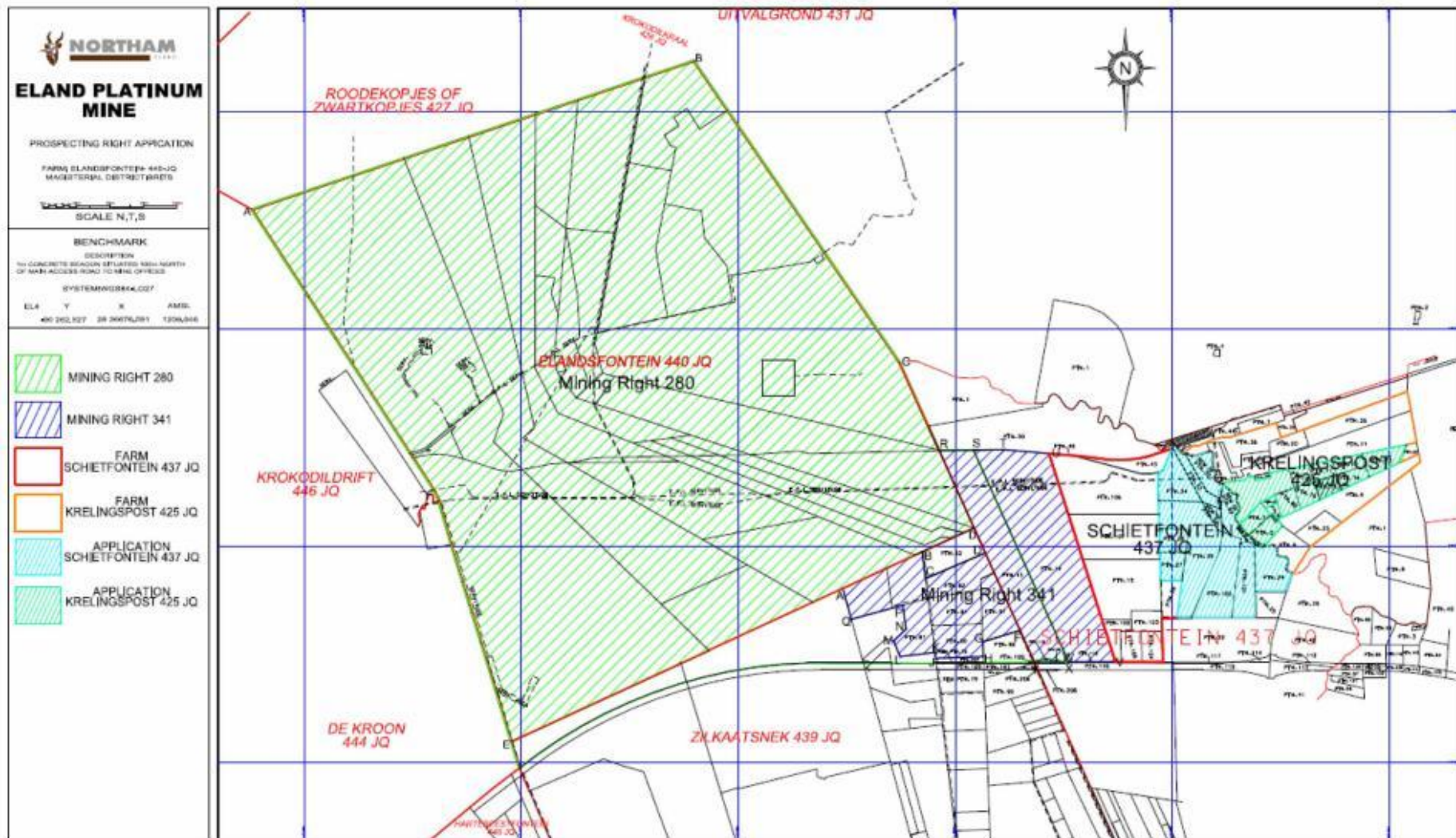


Figure 2: Location for Proposed Project

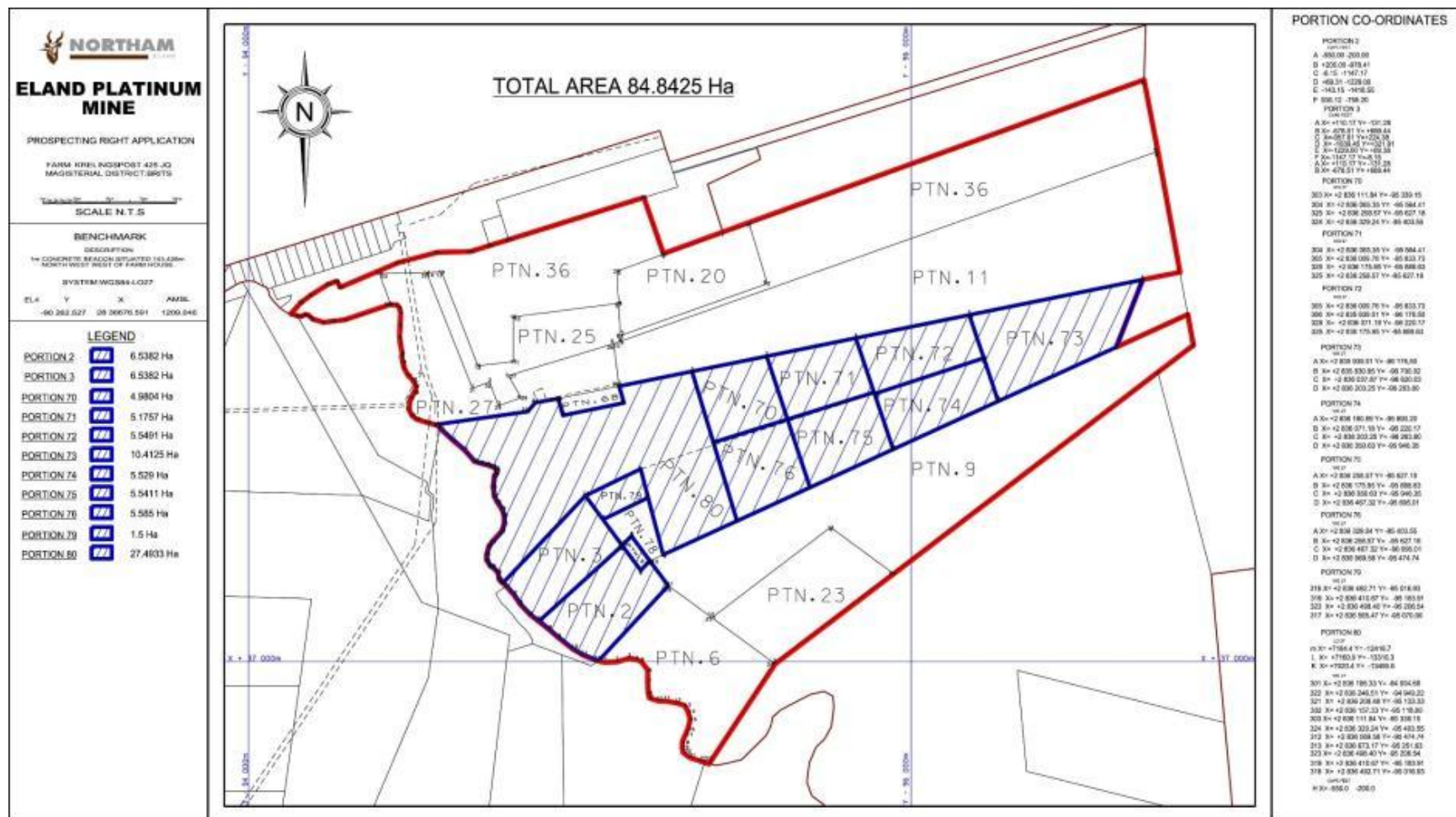


Figure 4: Krelingspost Properties in the Proposed Schietfontein and Krelingspost Prospecting Area

2 2. PUBLIC PARTICIPATION PROCESS

2.1 PPP Followed

The PPP for the Proposed Project Environmental Application processes had been followed in accordance to the 2014 Environmental Impact Assessment ("EIA") Regulations (as amended). The following PPP requirements were followed:

- Identification of stakeholders;
- Newspaper advertising;
- Site notices;
- Notification of stakeholders;
- Registration of I&APs;
- Direct correspondence / engagement with I&APs through email, telephonic conversations and meetings; and
- Public document review and comment periods.

3 IDENTIFICATION OF STAKEHOLDERS

Stakeholders were identified from existing lists of I&APs from previous PPPs performed for EP. Contact details were verified where possible and all stakeholders were included in the list of I&APs (contained in **Appendix 1**).

Telephonic Correspondence and one on one meetings were held with a number of landowners, the De Wild Farmers Association and De Wildt Helpmekaar Organisation.

4 NEWSPAPER ADVERTISEMENTS AND SITE NOTICES

Newspaper advertisements were placed in the Beeld on 2 July 2019 and the Brits Pos on 5 July 2019, notifying the public of the Proposed Project and EA Application process, and inviting them to register as I&APs. Copies of the advertisements are included in **Appendix 2**.

A2 site notices notifying the public of the Proposed Project and EA Application process and inviting them to register as I&APs were placed at the following points:

- Site Entrance of the EM;
- Madibeng Local Library;
- Mmakau Police Station;
- De Wildt Shopping complex on the corner of the R566 and the M21
- Moumong Store in Mmakau;
- Dirt access road accessed from the M21 leading to the prospecting area;
- and
- Dirt access road accessed from the R556 leading to the prospecting area.

Photographs of the site notice are included in **Appendix 3**.

5 NOTIFICATION OF STAKEHOLDERS

Stakeholders were notified by email, registered mail and telephonically regarding the community meeting, availability of the DBAR and I&AP registration period. Public notices were hand delivered, and sent via registered mail (**Refer to Appendix 4: Proof of Registered Mail sent**), facsimile (**Refer to Appendix 5: Proof of Facsimile sent**) and email (**Refer to Appendix 6: Proof of Emails sent**) to Stakeholders. An example of the Public Notice is found under **Appendix 7**

The following Stakeholders were contacted:

- Landowners
- Neighbouring landowners;
- Surrounding communities;
- Farmers Working Groups;
- Residents Associations (i.e. Polonia CPA);
- Land Claimants; and
- Non-Governmental Organisations (De Wild Helpmekaar Organisation);
- Eskom Holdings SOC Ltd;
- Ex-EM employees and contractors that was captured on the I&APs register; and
- Villages, Townships and Small Dorpies ("**VTSD**") Forum;

The following government authorities were contacted:

- North West Department of Rural, Environment and Agricultural Development ("**NWDREAD**");
- Department of Water and Sanitation ("**DWS**");
- Department of Environment, Forestry and Fisheries ("**DEFF**");
- Department of Mineral Resources ("**DMR**");
- Madibeng Local Municipality ("**MLM**");
- Bojanala Platinum District Municipality ("**BPDM**");
- Ward No. 21 Councillor in the MLM;
- Surrounding Ward Councillors (Wards 17, 18, 19, 20, 21 and 35 of the MLM);
- Bakgatla-Ba-Mmakau Tribal Council;
- South African Heritage Resources Agency ("**SAHRA**") and
- Commission on Restitution of Land Rights.

Telephonic correspondence and one-on-one meetings were held with various landowners, the De Wild Farmers Association and De Wildt Helpmekaar Organisation

6 REGISTRATION OF I&AP'S

The registration period for I&APs ran from 2 July to 4 August 2019 for 30 Days. Newspaper advertisements, site notices and BIDs invited all stakeholders and the public to register as I&APs and of the availability of the DBAR.

The parties that were contacted during the duration of the PPP were registered as an I&APs. A full list of the I&APs contacted is included in **Appendix 1**.

7 PUBLIC COMMENT PERIOD

The DBAR was available from 4 July to 4 August 2019 for I&APs to comment at the following locations:

- EM site entrance;
- Madibeng Local Library;
- Mmakau Police Station;
- De Wildt Helpmekaar Organisation Offices; and
- Moumong Store in Mmakau.

The DBAR was also be uploaded to the CHEMC Environmental website for I&AP's to download. All comments received during the commenting period have been recorded in Table 1.

8 I&AP REGISTER

Table 1: I&AP and Stakeholder Register and summary of comments and issues raised, and responses thereto

Interested and Affected Parties <small>List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted.</small>		Date Comments Received	Issues raised	EAP's Response to the issues raised
Affected Parties				
1. Landowners and Occupants				
<ul style="list-style-type: none"> FJ Strauss & L Strauss Die Gras Plaas <p>(owners of the Remaining Extent of Portion 5 and Portions 24, 27, 28, 33 and 34 of Schietfontein)</p>	X	3 July 2019	<p><u>Meeting held with Mr Strauss</u> Indicated the following points:</p> <ul style="list-style-type: none"> - Solar Farm will be constructed on Portions 15, 27 and 28 of Schietfontein. Owners of the Solar Farm have a long-term lease with him on Portions 27 and 28 of Schietfontein. - EP will need to negotiate regarding a fee to drill on his properties. - There was a land claim on the Farm Schietfontein - Nkwe platinum had prospected on his farm portion in the past. 	<p><u>CHEMC Environmental response:</u></p> <ul style="list-style-type: none"> - The company responsible for the Solar Farm was informed of the prospecting application and will be further consulted. - EP will liaise further with the landowners after a decision has been made on the Prospecting Right Application. - Noted and the Commission on Restitution of Land Rights were notified of the Prospecting Right Application for the Proposed Project. - Noted.
<ul style="list-style-type: none"> MN Ras <p>(owner of the Remaining Extent of Portion 32 and Portion 35 of Schietfontein)</p>	X			Has been notified.
<ul style="list-style-type: none"> RG Jacobs <p>(owner of the Remaining Extent of Portion 99 of Schietfontein)</p>	X			
<ul style="list-style-type: none"> JJR Van der Merwe and JJ Van der Merwe <p>(owners of Portion 100 of Schietfontein)</p>	X	4 July 2019	<p><u>Email received on 4 July 2019 from Mev Ruddeck</u></p> <p>Goeie dag.</p> <p>Hierdie is nie die kontak details vir die eienaar van gedeelte 100 SCHIETFONTEIN nie. Die eienaar is mnr JJ van der merwe. Hy is n pensionaris en is nie in staat om dokumente te besigtig by al die genoemde plekke nie. Ek stel dus voor dat u of u afgevaardigde n afspraak</p>	<p><u>CHEMC Environmental response on 4 July 2019:</u></p> <p>Goeie dag mev Ruddeck,</p> <p>Baie dankie vir u epos. Ons het u kontak besonderhede by die De Wild Helpmekaar Maatskappy gekry. Ons neem kennis van u versoek en sal sodoende 'n afspraak met Mr Van Der Merwe maak.</p> <p>Lekker dag.</p>

			<p><i>maak met hom en u dokumente saamneem sodat hy kan insig kry daarin.</i></p> <p><i>Sy kontak nommer is 0760261591. Geliewe ontvangs te erken op hierdie epos.</i></p> <p><i>Met dank.</i></p> <p><i>Mev Ruddeck</i></p>	<p><i>Mr J van der Merwe was contacted telephonically and confirmed that he had received the PPP documents and doesn't see the need for a meeting.</i></p>
<ul style="list-style-type: none"> Madala's Padmark CC (owner of Portion 101 of Schietfontein) 	X			<p><i>Mrs R Bester was contacted telephonically and indicated that she had received the PPP documents via email and is not available for a meeting.</i></p>
<ul style="list-style-type: none"> Super Soya CC (owner of Portion 2 of Krelingspost) 	X	3 July 2019	<p><u>Meeting held with one of the directors of Super Soya (Mr Frik Kruger)</u></p> <p><i>Raised the following queries and concerns:</i></p> <ul style="list-style-type: none"> <i>- What will the mine do with the drilled holes afterwards?</i> <i>- When will mining commence?</i> <i>- Concerned those third party contractors will result in potential increase in crime.</i> 	<p><u>CHEMC Environmental response:</u></p> <ul style="list-style-type: none"> <i>- EP is obligated to rehabilitate the drilling site and seal the holes</i> <i>- This application is only for prospecting work. Mining of the area will only commence once another full Scoping and EIA process has been completed and an application for a mining right is approved. This will potentially only occur after a number of years.</i> <i>- EP will liaise further with the landowners after a decision has been made on the Prospecting Right Application.</i> <i>- Concerns over potential influx in crime noted.</i>
<ul style="list-style-type: none"> Macal Farms CC (owner of Portion 3 of Krelingspost) 	X			<p><i>The farm foreman (Hannes Kemp) was telephonically contacted. Requested that the PPP information be emailed to him, which was done accordingly.</i></p>
<ul style="list-style-type: none"> Kreylingspost Nr 10 De Wildt Pty Ltd (owner of Portions 70, 71, 72, 74, 75, 76 and 79 of Krelingspost) 	X			<p><i>Has been notified.</i></p>

<ul style="list-style-type: none"> Home Shopper CC / Envirocycle (Pty) Ltd (owner of Portion 73 of Krelingspost) 	X	30 July 2019	<p><u>Letter received from Nel and Claassen Attorneys (JD Nel) on behalf of Home Shopper CC / Envirocycle (Pty) Ltd</u></p> <p>We refer to the above matter and confirm that we are acting on behalf of HOME SHOPPER CC & ENVIROCYCLE(PTY)LTD. We have received the Landowners/Tenants Notification dated 3 July 2019 on behalf of our clients.</p> <p>Kindly provide us with an electronic copy of the Background Information Document and Draft Basic Assessment Report to: law@ncproks.co.za</p> <p>Kindly take note that HOME SHOPPER CC is the registered owner of the immovable property known as PORTION 73 (A PORTION OF PORTION 67) OF THE FARM KRELINGSPOST 425, JQ, NORTH WEST. Take note further that ENVIROCYCLE (PTY) LTD is trading from this immovable property since 2001 as a recycling and disposal enterprise and has since grown into one of the largest dealers in South Africa specialising in Ferrous metal, Non-Ferrous metal, glass and recyclables.</p>	<p><u>CHEMC Environmental Response</u></p> <p>Good day Mr. Nel,</p> <p>Thank you for email. Please note we hereby acknowledge the receipt of the letter and the attached list of employees. Your comments and queries are noted and will be addressed in the Final Basic Assessment Report.</p> <p>We hereby inform you that your firm, Home Shopper CC, the listed employees and Envirocycle (Pty)Ltd have been registered as Interested and Affected Parties (I&AP's). Future correspondence and project updates will be shared with you when available.</p> <p>As requested please see attached the following documents:</p> <ul style="list-style-type: none"> Draft Basic Assessment and Attachments Background Information Document (BID). <p>Don't hesitate to contact us should you have any other questions or queries.</p>
<ul style="list-style-type: none"> Corporate Flat CC (owner of Portion 80 of Krelingspost) 	X			Macal Farms CC has the same postal address as Corporate Flat CC.
2. Lawful Occupants				
<u>Samancor</u> (holder of a prospecting right over Portions 27 and 28 of Schietfontein for chrome in the MG and LG seams, with reference PR11613)	X			Has been notified.
<u>Easy Lawn</u>	X			Has been notified.

<u>EL EM Skadugras</u>	X	10 July 2019	<p><u>Email received from Adele Du Toit</u></p> <p>Dear Stephan</p> <p>Thank you for the notice, kindly note that we would like register as interested and affected party in your application process. Our main concern is around the use of ground water and the negative impact it will have on our farming activities.</p> <p>Vriendelike groete / kind greetings</p> <p>Adéle du Toit Bestuurder / Manager eLeM Skadugras</p>	<p><u>CHEMC Environmental response in an email sent on 10 July 2019:</u></p> <p>Good day Me Du Toit,</p> <p>Thank you for your message and we hereby acknowledge the receipt thereof.</p> <p>Please note you have been registered as an interested and affected party (I&AP) and future correspondence will be directed to you.</p> <p>Your comments are noted and will be addressed in the Final Report.</p> <p>Don't hesitate to contact us should you have any questions or queries.</p> <p><u>Impact on Groundwater:</u></p> <p>The proposed diamond core drilling will comprise of a NQ "wire line" tube size of 75 mm.</p> <p>The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages.</p> <p>The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Prospecting Area after the drilling and disposed at an approved dumping site.</p> <p>The drill holes will be plugged and closed after drilling has been completed.</p> <p>As such, it has been concluded that the Proposed Project, involving non-intrusive drilling, will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts.</p> <p>Water for the drilling activities will be sourced from the EM. Refer to the EMPr for further details on the mitigation measures proposed.</p>
Zolograph Investments (RF) (Pty) Ltd ("Zolograph"), developer that will be constructing	X	4 July 2019	<p><u>Email received from Stephnie Kot</u></p> <p>I write to you on behalf of Zolograph Investments (RF)(Pty) Ltd ("Zolograph"), the owner of the De</p>	<p><u>CHEMC Environmental Response</u></p> <p>Good day Stephnie,</p>

<p>a 50MW Solar Farm on Portions 15, 27 and 28 of Schietfontein</p>		<p><i>Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schietfontein 437 JQ. The De Wildt Solar PV Park was procured by the then Department of Energy ("DOE") in round 4 of the South African Government's Renewable Energy Independent Power Producer Procurement Programme, and is one of the strategic projects selected by the DOE to fulfil the Government's targets for the procurement of renewable energy. Zolograph has entered into a 20 year power purchase agreement with Eskom, in terms of which the energy generated by the De Wildt Solar PV Park will be purchased by Eskom and will form part of the country's national electricity supply. The De Wildt Solar Park is currently under construction and is due to be fully operational in Q3 2020.</i></p> <p><i>Zolograph holds a valid Environmental Authorisation for the De Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schietfontein 437 JQ. Zolograph is further in possession of an approval from the Department of Mineral Resources, issued in terms of Section 53 of the Mineral and Petroleum Resources Act, for the development of the De Wildt Solar PV Park on Portions 15, 27 and 28 of the Farm Schietfontein 437-JQ.</i></p> <p><i>Based on the information provided below, it would appear that the proposed prospecting right area overlaps with the De Wildt Solar PV Park site. Prospecting activities on Portions 15, 27 and/or 28 of the Farm Schietfontein 437-JQ would be incompatible with the De Wildt Solar PV Park, and in addition prospecting (and future mining activities) in proximity to the De Wildt Solar PV Park will result in dust, vibration and other impacts that may have a significant negative impact on the De Wildt Solar Park.</i></p> <p><i>Please register me as an Interested and Affected Party for the above-referenced application, and provide me with electronic copies of the draft Basic Assessment Report and all appendices thereto. Zolograph will comment more fully once the BAR documentation has been received and reviewed in</i></p>	<p><i>Please see attached the Draft Basic Assessment Report and Annexures as per your request.</i></p>
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		<p>detail.</p> <p><i>I look forward to your response.</i></p>	
	2 August 2019	<p><u>Letter received from Zolograph Pty Ltd (Stephnie Kot) refer to Appendix 6 for a copy of the letter. Below represents a summary of the concerns raised:</u></p> <p>Zolograph Investments (RF)(Pty) Ltd ("Zolograph") is the owner of the 50MW De Wildt Solar Photovoltaic Renewable Energy Facility ("De Wildt Solar PV Park"), located on Portions 15, 27 and 28 of the Farm Schietfontein 437-JQ ("the Solar Park Properties"), in the Madibeng Local Municipality, North West Province. The Proposed Prospecting Area overlaps with the Solar Park Properties</p> <p><u>D. Zolograph Objection</u></p> <p>1. It is brought to your attention that Zolograph previously engaged with Eland Platinum Mine as part of the application process for the above-referenced DMR Consent, and that Eland Platinum Mine confirmed in writing that they have no objection to the development of the De Wildt Solar PV Park (refer to letter from Eland Platinum Mine dated 28 April 2016, attached hereto as Annexure B).</p> <p>2. At least two of the proposed drilling locations are located within the Solar Park Properties.</p> <p>3. Zolograph objects to the proposed prospecting on the grounds of the following:</p> <p>a) The De Wildt Solar PV Park is currently under construction and the Solar Park Properties will shortly be occupied by the infrastructure. It will be physically impossible for prospecting activities to take place on Portion 27 and Portion 28 of the Farm Schietfontein 437-JQ (which fall within the Proposed Prospecting Area) as the entire extent of the properties will shortly be occupied by arrays of PV panels located in close proximity to each other, together with associated infrastructure (underground cables, inverters etc.). Prospecting activities could not be physically accommodated on site, and in</p>	<p><u>CHEMC Environmental response:</u></p> <p>Thank you for your comments and concerns.</p> <p>1 – The comment is noted. The letter in question was however drafted by the previous owner of Eland Mine, namely Glencore Operations South Africa (GOSA). Eland Mine was purchased by Northam Platinum Limited (Northam) in February 2017 from GOSA. Prior to receipt of your objection, EP and Northam had no knowledge of the letter.</p> <p>2 – The comment is noted, and on the initial submission of the EA Application the title deeds in possession of the EM did not indicate long term lease agreements with other parties on Portions 27 and 28 of Schietfontein. EP and CHEMC Environmental agree that further discussions regarding the impact of Proposed Project on the said portions need to be undertaken. It is therefore that we propose that a focus group meeting be held to discuss the feasibility of undertaking prospecting activities on Portions 27 and 28.</p> <p>3 a, b, c, d, e and f – The potential impact of dust on the Solar Farm is noted, however it is important to note that the Solar Farm is located in close proximity of existing mining, agricultural, other businesses activities, major road networks and communities that will likely also contribute to the ambient dust fallout and Total Suspended Particulates (TSP) levels. These activities contribute sporadically to the ambient air quality due to the seasonal frequency of activities being implemented. A good example of this is the current construction activities undertaken by the N4 Bakwena and farmers ploughing lands for crop production.</p> <p>In light of the above the Proposed Project will be undertaken over a five year period. The activities will not be undertaken simultaneously on all properties comprising the Proposed Schietfontein and Krelingspost Prospecting Area. Thus the possible dust impact will be sporadic and temporary. The mitigation measures provided in the EMPr will likely minimise the possible impact on the Solar Farm. Possible additional mitigation measures can however be</p>

		<p>addition access to the Solar Park Properties is strictly controlled due to security, and health and safety reasons.</p> <p>b) Incompatible with existing Environmental Authorisation and other pre-existing, entrenched rights. Zolograph holds a number of existing, entrenched rights for the development and operation of the De Wildt Solar PV Park on the Solar Park Properties, which rights pre-date the current EA application by Eland Platinum. The proposed prospecting activities on the Solar Park Properties are incompatible with Zolograph's existing land use rights and will be in direct conflict with the existing Environmental Authorisations held by Zolograph.</p> <p>c) Loss of energy production and negative impact to economic viability of the De Wildt Solar PV Park due to increased dustfall. Dustfall settling on a PV panel reduces the amount of sunlight that can be absorbed, resulting in a decrease in the amount of energy produced. Any increase in ambient dustfall at the Solar Park Properties will result in a reduction in the amount of energy produced by the PV Panels. This result in a reduction in the income of the De Wildt Solar PV Park which will negatively impact the financial viability of the PV Park.</p> <p>d) Negative impact and lost opportunity for local beneficiaries, as a result of reduction in the income of the PV park due to dustfall.</p> <p>e) Moreover, increased cleaning cycles will result in a dramatic increase in the consumption of water on the Solar Park Properties, and this would arguably be an inefficient use of this scarce resource.</p> <p>f) The full extent of the dust related impacts to the De Wildt Solar PV Park must be considered and assessed in full before the final BAR is submitted to the competent authority for decision-making.</p> <p>g). Possible structural damage to De Wildt Solar PV</p>	<p>discussed with Zolograph.</p> <p>3 g). The comment is noted and as mentioned above under Condition 2b, further engagement and consultation between Zolograph and EP needs to be undertaken.</p> <p>3 h) The condition is noted and has accordingly been addressed in the FBAR.</p> <p>3 i). We concur with Zolograph's view that should EP consider applying for a mining right in the future, detailed specialist studies need to be undertaken. However, this will be addressed as part of the Scoping/EIA process should EP consider applying for a mining right in future.</p> <p>4. Comment is noted.</p> <p>5. EP and CHEMC Environmental are willing to meet with the Solar Farm developers to discuss the impact of prospecting activities on the Solar Farm.</p> <p>The request for a meeting will be provided in due course.</p>
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			<p>Park infrastructure with associated loss of energy production and negative economic impact, due to vibrations arising from prospecting activities:</p> <p>h). Failure to consider Zolograph as a lawful occupant and neighbouring land owner with existing land-use rights.</p> <p>i) Impact of future mining activities. The purpose of any prospecting exercise is to identify sites that may be suitable for future mining. Mining activities within the Proposed Prospecting Area would present significant negative impacts to the De Wildt Solar PV Park, including but not limited to:</p> <ul style="list-style-type: none"> • Dust generation • Blasting and intensive earth-moving associated with mining activities • The use of chemicals could result in increased acidic conditions. <p>4. Mining activities in the vicinity of the De Wildt Solar PV Park would result in extreme and significant negative impacts that will likely jeopardize the future of this Government-procured, Strategic Integrated Project.</p> <p>5. Zolograph is open to engaging with CHEMC Environmental and Eland Platinum in order to identify workable solutions and to reach an acceptable mitigation and/or compensation agreement. We would welcome such interactions.</p>	
3. Adjacent properties				
• Jo-Fana Roses CC	X			Registered mail sent.
• Republic of South Africa Government	X			Registered mail sent.
• Salene Mining (Pty) Ltd	X			Registered mail sent.
• Hernic Ferrochrome (Pty) Ltd	X	5 July 2019	<p><u>Email Received from Lesogo Raborifi</u></p> <p>Good day</p> <p>Please send me a copy of the draft Basic Assessment Report for my review.</p> <p>Regards</p> <p>Lesogo Raborifi</p>	<p><u>Email sent on 5 July 2019</u></p> <p>Good day Lesego,</p> <p>Thank you for your email.</p> <p>Please see attached the Draft Basic Assessment Report and EMP. Please let me know what annexures you also require.</p>

				Regards Stephan Barkhuizen
• Polonia Schietfontein CPA	X	2 August 2019	<p><u>Letter sent by the Polonia Schietfontein CPA</u></p> <p>Dear Sir</p> <p>We are a communal property association registered with the department of rural development and land reform, we represent more than 2000 beneficiaries, we currently own a portion of Krelingspost 425 JQ which is portion 6 measuring 14 hectares, it is a portion of a land which was claimed in 1998.</p> <p>We are commenting on the notice for prospecting rights which was issued on the 04/07/2019 for farm Schietfontein 437JQ and Krelingspost 425JQ. We are currently working with the department of rural development and land reform for north west to appeal a judgement that forced the department to withdraw other farms that were claimed, most of this farms including Schietfontein 437 JQ they have our ancestors grave yards, most farmers grow their vegetables to destroy evidence that there was occupation of black people, which violates our constitutional rights to human dignity.</p> <p>We believe that the proposed project is currently on the farm Schietfontein 437JQ and Krelingspost 425JQ which is less than 1 kilometres from our communal land, and there are graveyards within the areas intended to prospect and possibly mining in future, and our community is also entitled for job opportunities and business, however we are not consulted and we are asking for a meeting with you to seek information that will enable both business and job seekers to register and submit application necessary for them to gain access to employment and business which must be fair, inclusive, equitable and transparent.</p> <p>We are not against development, we are part of the community regardless of our land claim status. We humbly seek a meeting with you to get a better understanding of a project as whole hence we were not represented on other community meetings, and two of our executive members must represent our</p>	<p><u>Email sent by CHEMC Environmental</u></p> <p>Good day Mr. Moche,</p> <p>As per our telephonic correspondence earlier today.</p> <p>I hereby confirm our conversation regarding the proposed Schietfontein and Krelingspost Prospecting Right Application and the potential impact of the proposed activities on the property owned by the Polonia Community Property Association (CPA). I hereby confirm your request for a meeting to discuss the queries raised and additional information that you seek to provide on the meeting.</p> <p>As agreed we will have a meeting on Wednesday (8 August 2019) @ 10:00. We will meet at the De Wildt Filling Station on the corner of the R566 and M21.</p> <p>I will send a formal meeting request shortly. Kindly please acknowledge receipt of the email.</p> <p>You can contact me on:</p> <p>Stephan Barkhuizen Tel: 012 802 1002 Cell: 082 639 9944 Email: stephan@chemc.com</p> <p><u>CHEMC Environmental response</u></p> <p>Your comments are noted and will be discussed in detail on the focus group meeting that will be held on 7 August 2019.</p> <p>EP is aware of the graves situated on Portion 6 of Krelingspost, however the Proposed Project will not be undertaken on the said portion.</p> <p>EP has notified the Commission on Restitution of Land Right of the Proposed Project and associated Prospecting Right Application.</p>

			<p>community in such stakeholders meetings.</p> <p>We will propose to the department of rural development and land reform to consider its Framework for rural economic transformation model with regard to rural Enterprise development and share equity enterprise model to be proposed going forward.</p> <p>Sincerely</p> <p>Polonia Schietfontein CPA</p>	
<ul style="list-style-type: none"> J van Rensburg, owner of Portions 76, 90 and 91 of Schietfontein 	X	4 July 2019	<p><u>Email received from Mr J Van Rensburg</u></p> <p>Thank you for the invitation to be registered as a stakeholder/affected party to the intended process.</p> <p>I am the owner of Portion 76, 90 and 91 of the farm Schietfontein 437JQ. Any questions and or clarity, feel free to contact me.</p> <p>Regards.</p> <p>Hans van Rensburg</p> <p>082 551 5971</p>	<p><u>Email sent by CHEMC Environmental</u></p> <p>Good Morning Mr Van Rensburg,</p> <p>Thank you for your email.</p> <p>Please note you have been included on our Interested and Affected Party Register and will be notified of any future correspondence. Don't hesitate to contact me should you have any queries or questions.</p>
4. <u>Municipal councillor</u>				
<ul style="list-style-type: none"> Ward 19 – Proposed Prospecting Area situated in this Ward. Mr TS Bogale 	X			Has been notified.
<ul style="list-style-type: none"> Ward 17 – Proposed Prospecting Area situated in this Ward. Mr TS Bogale 	X			
<ul style="list-style-type: none"> Ward 21 – Surrounding Ward Mr MW Motlhasedi 	X			Has been notified.
<ul style="list-style-type: none"> Ward 18 – Surrounding Ward Mr Barney A Maubane 	X			Has been notified.
<ul style="list-style-type: none"> Ward 20 – Surrounding Ward Mr Chris Seabi 	X			Has been notified.
<ul style="list-style-type: none"> Ward 35 – Surrounding Ward 	X			

Ms Nomsa Maqakamba				
5. Municipality				
• BDPM;	X	3 July 2019		DBAR and public notice mailed to BPDM for comment.
• MLM;	X			DBAR and public notice hand delivered to MLM for comment.
6. Organs of state (Responsible for infrastructure that may be affected Roads Department, Eskom, Telkom, DWS etc.				
• NWREAD	X	29 July 2019	<p><u>Letter received from NWREAD</u></p> <p>The Department have received the request to comment the Prospecting Right over portion 135 Elandsdraal 469 JQ process on 19 July 2019.</p> <p>Please note that the request has been assigned to Ms Queen Imasiku reachable at: 80 Kerk Street Private Bag x 2298 Rustenburg 0300 Tel: 014 597 3597 Email: QImasiku@nwpg.gov.za Cell: 083 961 6155</p> <p>The file reference is NWP/DMR/45/2019. Kindly quote this reference number and the name of the officer in any future correspondence in respect of the application.</p>	DBAR and public notice mailed to NWREAD.
• DWS	X	3 July 2019	<p><u>Letter received from DWS North West (Ms C Theunissen)</u></p> <p>This office acknowledges the receipt of your documents regards to the above-mentioned on 3 July 2019 Task T317/2019). The officer responsible for this area is: Ms Lethabo Ramashala and can be contacted at (012) 253-1026.</p> <p>Comments would be forwarded in due time.</p> <p>Thank you</p>	DBAR delivered for comment to Ms C Theunissen.

			Ms C THEUNISSEN CHIEF ADMIN CLERK	
		4 July 2019	<p><u>Email received from Lobakeng Chadwick</u></p> <p>Hi Stephan</p> <p>I have copied Ms Wendy Ralekoa in this email for her immediate attention to your correspondence.</p> <p>Wendy for your action please?</p>	<p><u>CHEMC Environmental Response</u></p> <p>Noted thank you.</p>
			<p><u>Email received from Wendy Ralekoa</u></p> <p>Noted.</p>	
• DMR	X			DBAR and public notice couriered to DMR.
• SAHRA	X			Documents uploaded to SAHRIS for comment.
• Eskom	X			Has been notified.
7. Communities				
• Mothotlung Community	X			Public notices placed in the community areas.
• Mmakau Community	X			Public notices placed in the community areas.
• De Wildt Community	X			Public notices placed in the community areas.
• <u>Traditional Leaders / Land Claimants</u>				
• Bakgatla-Ba-Mmakau Tribal Council	X			Has been notified
• DEA				
• Director: Environmental Authorisations	X			DBAR and public notice mailed to DEA for comments.
• Other Authorities				
• Department of Public Works Road and Transport	X			Has been notified
• Department of Rural Development	X			
• Department of Local Government and Traditional Affairs	X			
• Land Claims Commission	X	8 July 2019	<p><u>Email and letter received from the Commission on Restitution of Land Rights - Keabetwe Mothupi</u></p> <p>Dear Stephan,</p> <p>I acknowledge receipt of your letter dated the 3rd of July 2019 regarding the above-mentioned matter.</p>	<p><u>Email sent on 9 July 2019</u></p> <p>Good day Keabetwe,</p> <p>Thank you for your email. We acknowledge receipt thereof.</p> <p>Stephan Barkhuizen</p>

			<p>Kindly note that a formal response could be expected from our office within the next seven (7) working days.</p> <p>Should you however require any additional information you can contact Ms. K.W. Mothupi at the above contact details.</p> <p>Yours faithfully. Mr. L. J. Bogatsu Chief Director Regional Land Claims Commissioner North West Province.</p>	
• Agri North West	X			Has been notified.
• De Wildt Helpmekaar Organisation	X	3 July 2019	<p><u>Meeting held with Me Suzette</u> Indicated the following points:</p> <ul style="list-style-type: none"> - Important that the landowners be notified. - Provided the contact information for a number of the land owners. - Any development to the South of the N4 usually raises concern as this is a sensitive area. - Farmers are concerned about impact on groundwater. 	<p><u>CHEMC Environmental response:</u></p> <ul style="list-style-type: none"> - Appreciate the assistance in providing the contact information of the farmers. - Landowners and businesses will be either notified by registered mail and emails. - The proposed diamond core drilling will comprise of a NQ "wire line" tube size of 75 mm. - The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages. - The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Prospecting Area after the drilling and disposed at an approved dumping site. - The drill holes will be plugged and closed after drilling has been completed. - As such, it has been concluded that the Proposed Project, involving non-intrusive drilling, will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts. - Water for the drilling activities will be sourced from the EM.
• Ugwa Consulting Services CC , whose application for a prospecting right was apparently accepted on 15 August 2011 to prospect for gold, silver, nickel, uranium in respect of inter alia Portions 2 and 3 of Krelingspost	X			Has been notified

<ul style="list-style-type: none"> • Mr W.G. Nthathe 	X	17 July 2019	<p><u>Email and letter received from Mr W.G. Nthathe</u></p> <p>Morning Stephan</p> <p>I've made several contact attempts to Madibeng Local Municipality and I still haven't received the requested documents as yet.</p> <p>Please assist accordingly should you in possession of the document.</p> <p>Kind regards W.G. Nthathe (Mr)</p>	<p><u>CHEMC Environmental Email sent on 17 July 2019</u></p> <p>Good day Mr Nthathe,</p> <p>Thank you for your email. I think there might have been a slight misunderstanding. Please note that a hard copy of the Draft Basic Assessment report is available at the library for review.</p> <p>In the event that you wish for an electronic copy of the report, you should have contacted me directly. Please see attached a copy of the Draft Basic Assessment report, Background Information Document and public notice as per your request.</p> <p>Don't hesitate to contact me directly should you have any other queries.</p>
<ul style="list-style-type: none"> • Kroon's Gourmet Chickens (Pty) Ltd via Bokamoso Landscape Architects & Environmental Consultants CC ("Bokamoso") 	X	5 July 2019	<p><u>Email received from Bokamoso (Mary-Lee van Zyl)</u></p> <p>Good day Stephan,</p> <p>Kindly register Bokamoso Landscape Architects and Environmental Consultants CC as interested and affected party on the application for prospecting right on various portions of the farm Krelingspost and Schietfontein.</p> <p>Our contact details are as follows: Lizelle Gregory/Mary-Lee van Zyl/Juanita de Beer E-mail: lizelle@bokamoso.net/marylee@bokamoso.net/juanita@bokamoso.net Landline: 012 346 3810 Cell phone: 083 255 8384 Fax: 086 570 5659</p> <p>Please could you supply us with all relevant information regarding this project that is available at this stage.</p> <p>It is furthermore requested that you keep our office informed of all new information, reports, meetings etc. throughout the remainder of this project.</p>	<p><u>CHEMC Environmental Email sent on 5 July 2019</u></p> <p>Good day Me. Van Zyl,</p> <p>Thank you for your email. Please note Bokamoso has been registered as an I&AP and will be informed of any future correspondence.</p> <p>See attached the Draft Basic Assessment Report and Draft EMP. Please let me know what Annexures you will also require as they are large files and may prevent the email from reaching you.</p> <p>Don't hesitate to contact me should you have any questions or queries.</p>

		<p>Kindly confirm receipt of this email and that we are registered as interested and affected party.</p> <p>Kind regards,</p> <p>Mary-Lee van Zyl</p>	
	5 July 2019	<p><u>Email received from Bokamoso (Mary-Lee van Zyl)</u></p> <p>Good day Stephan,</p> <p>Thank you for the confirmation.</p> <p>Please provide us with all the annexures – even if it will be separate emails or a Dropbox link.</p> <p>Kind regards,</p> <p>Mary-Lee van Zyl</p>	<p><u>CHEMC Environmental Email sent on 5 July 2019</u></p> <p>Good day,</p> <p>Find attached the documents as requested.</p>
	29 July 2019	<p><u>Email received from Bokamoso (Juanita de Beer)</u></p> <p>Good day Stephan,</p> <p>Kindly register Bokamoso Landscape Architects and Environmental Consultants CC on behalf of Kroon Chickens as an Interested and Affected Party (I&AP) on the application for prospecting right on various portions of the farm Krelingspost and Schietfontein.</p> <p>Our contact details are as follows: Lizelle Gregory/Mary-Lee van Zyl/Juanita de Beer E-mail: lizelle@bokamoso.net/marylee@bokamoso.net/juanita@bokamoso.net Landline: 012 346 3810 Cell phone: 083 255 8384 Fax: 086 570 5659</p> <p>Please could you supply us with all relevant information regarding this project that is available at this stage.</p> <p>It is furthermore requested that you keep our office informed of all new information, reports, meetings etc. throughout the remainder of this project.</p>	<p><u>CHEMC Environmental Email sent on 30 July 2019</u></p> <p>Good day Juanita,</p> <p>Thank you for your email, please note that I have forward the requested information to you and your colleague on the 5th of July 2019.</p> <p>See the attached emails.</p>

		<p>Kindly confirm receipt of this email and that we are registered as interested and affected party.</p> <p>Kind regards, Juanita de Beer</p>	
	2 August 2019	<p><u>Letter received from Bokamoso (Lizelle Gregory) refer to Appendix 6 for a copy of the letter. Below represents a summary of the concerns raised:</u></p> <p><u>COMMENTS REGARDING THE BASIC ASSESSMENT REPORT (BAR)</u></p> <p><u>3.1 Surrounding Land Uses to be Affected</u></p> <p>a) Objects against the proposed prospecting activities as it will have an impact on the current and future chicken farm and associated infrastructure.</p> <p>b) An area to the south of the Prospecting Area, is in the process of being developed into a hatchery chicken farm.</p> <p>c) Impact of dust and associated air pollution on the chicken farm.</p> <p><u>3.2 Specialist Reports and Application Form</u></p> <p>a) There are no specialist reports attached to the BAR, which assessed the impact on the biodiversity or wetlands on the proposed prospecting area.</p> <p>b) No specialist studies investigating the ground water situation on the proposed site has been attached to the BAR.</p> <p>c) Furthermore, the BAR does not include a copy of the Application Form that was submitted to the DMR.</p> <p><u>3.3 EIA Process Timeframes</u></p> <p>a) The submission date for the final BAR is 5 August 2019, feel that their will not be sufficient time to address the comments from I&APs prior to submitting the Final BAR.</p> <p>b) When will the Final BAR then be available for</p>	<p><u>CHEMC Environmental response</u></p> <p>Thank you for your comments and concerns. There is no mention in your letter on what farm portions your client currently operates a chicken farm and associated activities. It is therefore difficult to adequately respond to the objection without considering the locality of the Proposed Project in relation to existing and future chicken farms.</p> <p>It is however evident from satellite imagery that a chicken farm and associated infrastructure is located approximately 1km to the east of the Proposed Schietfontein and Krelingspost Prospecting Area. EP nevertheless remains committed to properly managing and mitigating all impacts that may result from the Proposed Project and is open to engaging with Kroon in this regard.</p> <p>3.1(a) – It is important to note that the Proposed Project pertains to the drilling of one core borehole on each of the portions comprising the Proposed Schietfontein and Krelingspost Prospecting Area. The Proposed Project will be undertaken over a five year window.</p> <p>As mentioned, the existing chicken farm is located directly south of existing open cast mining activities. The Proposed Project will have a significantly lower impact on the existing chicken farm than the existing open cast mine.</p> <p>3.1(b) – The comment is noted, and we kindly request the property description of the proposed hatchery. It must be noted that there is no legal impediment or restriction prohibiting EP from expanding its existing operations, provided that the relevant application processes are followed and authorisations obtained. The impression under which Kroon acquired its properties does not impact on this legal entitlement of EP.</p> <p>The draft BAR furthermore considered all land uses of the properties that fall within the Proposed Schietfontein and</p>

		<p>review?</p> <p><u>3.4 Activities Applied For</u></p> <p>a) Why is Listing Notice 3 (GNR 985 – which has been amended in 2017), Activity 14 (h) applied for but not Listing Notice 1 (GNR 983 – also been amended in 2017), Activity 12 and 19?</p> <p>b) How can only some wetland activities be applied for and others not if a wetland delineation was not even done to confirm the extent of wetland and rivers on the prospecting area?</p> <p><u>3.5 Potential Mining Application</u></p> <p>a) Prospecting application will ultimately lead to a mining application. Taking into consideration the sensitivity of the site in terms of the Mining and Biodiversity Guidelines as well as the Provincial Conservation Plan, mining is not at all suitable for the site so why even apply for prospecting?</p> <p>b) Moreover, the aim of prospecting is to mine, so how can you apply for prospecting without conducting the necessary specialist studies to determine the sensitivity of the site?</p> <p><u>3.6 National Water Act, 1998 (Act No. 36 of 1998, as amended)</u></p> <p>a) What is the status of the General Authorisation Registration?</p> <p>b) Furthermore, prospecting might seem very innocent but as discussed above, the aim is to do mining in the end, but has the impact of further water abstraction during mining been assessed?</p> <p>c) Has the impact of future mining been assessed on Small holdings and farms?</p> <p><u>Conclusion</u></p> <p>The following information is required in order for the DMR to make an informed decision:</p> <ul style="list-style-type: none"> • Fauna and Flora Assessment (including avi-fauna); 	<p>Krelingspost Prospecting Area.</p> <p>Kroon's current operations are not located within or in close proximity to the Proposed Schietfontein and Krelingspost Prospecting Area, and no detail is provided on its future expansion projects.</p> <p>3.1(c) - The impact is noted and was considered in the EMPr.</p> <p>3.2(a) – Considering the significant number of specialist studies that have been undertaken on a number of the properties that form part of the Proposed Schietfontein and Krelingspost Prospecting Area and/or directly adjacent to the Area, the EAP is of the opinion that a desktop analysis and review of the available reports is sufficient. Regulation 12(2) of the 2014 EIA Regulations furthermore provides that "a specialist may be appointed, at the cost of the proponent or applicant, if the level of the assessment is of a nature requiring the appointment of a specialist".</p> <p>The draft BAR takes cognisance of and specifically provides that the Proposed Schietfontein and Krelingspost Prospecting Area is within / near the Marikana Thornveld; and that the M'Nandi Private Nature Reserve is located approximately 0.2 kilometres to the east thereof.</p> <p>For this reason, application was made for the relevant listed activities under Listing Notice 3 of the 2014 EIA Regulations and the extensive array of Specialist Reports reviewed.</p> <p>Chapter 7 of the draft BAR delineates the environmental attributes associated with the Proposed Schietfontein and Krelingspost Prospecting Area, including the surface water resources and biodiversity. The National Freshwater Ecosystem Priority Areas (FEPAs) database for river ecosystems was also considered.</p> <p>The draft BAR furthermore prohibits the access roads from crossing or encroaching any wetlands, drainage lines or streams. The final EMPr has been updated to include this restriction.</p> <p>It is however recommended that EP undertake a biodiversity survey and wetland verification as part of the pre-commencement activities, and this must form part of the</p>
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		<ul style="list-style-type: none"> • <i>Wetland Delineation;</i> • <i>Aquatic Assessment;</i> • <i>Geo-hydrological Investigation;</i> • <i>Heritage Impact Assessment;</i> • <i>Social Impact (addressing the impact on agricultural businesses/operations in the area);</i> • <i>Application Form submitted to the DMR; and</i> • <i>Extension of time granted by DMR to submit Final BAR.</i> 	<p><i>conditions of the EA.</i></p> <p><i>We concur with the view that should EP consider applying for a mining right in the future detailed specialist studies need to be undertaken. However, this will be addressed as part of the Scoping/EIA process for the potential mining right application.</i></p> <p><i>3.2(b) – The Proposed Project, involving non-intrusive drilling (NQ -75mm borehole), will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts.</i> <i>The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages.</i></p> <p><i>The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Proposed Schietfontein and Krelingspost Prospecting Area after the drilling and disposed at an approved dumping site.</i></p> <p><i>The drill holes will be plugged and closed after drilling has been completed.</i></p> <p><i>3.2(c) – Appendix 1 to the 2014 EIA Regulations sets out the legally prescribed content of a BAR and does not require the inclusion of the EA application form as an annexure to the BAR. A copy of the application form is attached under Appendix 10.</i></p> <p><i>3.3(a) – All comments received have been responded to in this report and the FBAR amended, where necessary.</i></p> <p><i>The FBAR will still be submitted on the deadline of 5 August 2019. However, considering the comments received from I&APs to date, CHEMC Environmental has requested the PPP be extended so that further consultation be undertaken. The FBAR will be made available from 5 August 2019 for review and comment.</i></p> <p><i>3.4(a) - It is not foreseen that any prospecting activities will be undertaken within 32m of a watercourse. However, provision is made to include the listed activity should this be required.</i></p>
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				<p><i>Application has not been made for the Activity 12 of Listing Notice 1, as the similar listed activity under Listing Notice 3 has been applied for, Activity 14(h).</i></p> <p><i>Activity 19 of Listing Notice 1 is not relevant to the Proposed Project, as no infilling or depositing into a watercourse will be undertaken.</i></p> <p><i>3.4(b) – As mentioned above, the exact location of the prospecting boreholes will only be determined on final consultation with landowners and the pre-commencement biodiversity survey and wetland verification study.</i></p> <p><i>3.5(a) – Noted. The Proposed Project aims to better understanding the lithology and mineral distribution of the ore-body by means of diamond core drilling, core logging, sampling and assaying of the drill core.</i></p> <p><i>The lithological, structural and assay information of each borehole will be collected and assessed for the PGE resource estimation. Once the process has completed then only can EP determine whether it is viable to determine the feasibility of applying for a mining right.</i></p> <p><i>This process is subjected to a full Scoping and EIA process that requires detailed specialist studies and a consultation process. At this point in time, EP can't commit and respond to this matter as the feasibility of future mining still needs to be determined. This will only be after the prospecting activities have been completed</i></p> <p><i>3.5(b) – Noted, refer to 3.2 (a) above.</i></p> <p><i>3.6(a) – The process is still in progress and will only be finalised once the wetland verification GN 509 Risk Assessment has been completed.</i></p> <p><i>3.6(b) – Noted, however the Proposed Project, involves non-intrusive drilling (NQ -75mm borehole), and will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts.</i></p> <p><i>Refer to the EMPr.</i></p>
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				<p>3.6(c) – Refer to point 3.5(a) above.</p> <p><u>Conclusion</u> Considering the significant number of specialist studies that have been undertaken on a number of the properties that form part of the Proposed Schietfontein and Krelingspost Prospecting Area and/or directly adjacent to the Area, the EAP is of the opinion that a desktop analysis and review of the available reports is sufficient.</p> <p>It is however recommended that EP undertake a biodiversity survey and wetland verification as part of the pre-commencement activities, and this must form part of the conditions of the EA.</p>
<ul style="list-style-type: none"> Q4 Commercial Properties (Pty) Ltd and Q4 Chemicals (Pty) Ltd via Bokamoso 	X	2 August 2019	<p><u>Letter received from Bokamoso (Lizelle Gregory) refer to Appendix 6 for a copy of the letter. Below represents a summary of the concerns raised:</u></p> <p><u>COMMENTS REGARDING THE BASIC ASSESSMENT REPORT (BAR)</u></p> <p>This objection/ comments are submitted to inform the Applicant that Portions 22 and 41 of the farm Schietfontein 437 JQ have received an Environmental Authorisation and a Water Use Licence for the development of filling stations to be accessed from the N4 Bakwena National Highway (both directions). The one filling station will be situated immediately adjacent to the area earmarked for the prospecting activities.</p> <p>a) There are no specialist reports attached to the BAR, which assessed the impact on the biodiversity or wetlands on the proposed prospecting area.</p> <p>b) No specialist studies investigating the ground water situation on the proposed site has been attached to the BAR. The approved filling stations will make use of ground water during its construction and operational phases and therefore the impact of a mine on the aquifers in the area is very important.</p>	<p><u>CHEMC Environmental response.</u></p> <p>Thank you for your comments and concerns.</p> <p>a) – Considering the significant number of specialist studies that have been undertaken on a number of the properties that form part of the Proposed Schietfontein and Krelingspost Prospecting Area and/or directly adjacent to the Area, the EAP is of the opinion that a desktop analysis and review of the available reports is sufficient. Regulation 12(2) of the 2014 EIA Regulations furthermore provides that "a specialist may be appointed, at the cost of the proponent or applicant, if the level of the assessment is of a nature requiring the appointment of a specialist".</p> <p>It is however recommended that EP undertake a biodiversity survey and wetland verification as part of the pre-commencement activities, and this must form part of the conditions of the EA.</p> <p>b) – The Proposed Project, involving non-intrusive drilling (NQ -75mm borehole), will highly unlikely have a groundwater impact. Cognisance will be taken of the boreholes of surrounding land users and owners to prevent possible damage or impacts. The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages.</p> <p>The drilling fluids will be pumped through a settling sump,</p>

		<p>c) <i>The submission date for the final BAR is 5 August 2019, feel that their will not be sufficient time to address the comments from I&APs prior to submitting the Final BAR.</i></p> <p>d) <i>It will also be necessary to supply Q4 with a detailed layout plan for the prospecting activities and supply more detail regarding the access to the site, the amount of water required, detail regarding planned blasting activities, methodology statement for the various areas earmarked for prospecting etc.</i></p>	<p><i>which will be lined. The contents of the sump will be removed from the Proposed Schietfontein and Krelingspost Prospecting Area after the drilling and disposed at an approved dumping site.</i></p> <p><i>The drill holes will be plugged and closed after drilling has been completed. Refer to the EMPr.</i></p> <p><i>Water for the drilling activities will be sourced from the EM.</i></p> <p><i>c) – All comments received have been responded to in this report and the FBAR amended, where necessary.</i></p> <p><i>The FBAR will still be submitted on the deadline of 5 August 2019. However, considering the comments received from I&APs to date, CHEMC Environmental has requested the PPP be extended so that further consultation be undertaken. The FBAR will be made available from 5 August 2019 for review and comment.</i></p> <p><i>d) – As mentioned above, the exact location of the prospecting boreholes will only be determined on final consultation with landowners. EP will make use of existing dirt roads and tracks to access the potential drilling sites. Refer to Appendix 7 for copy of the Prospecting Works Programme.</i></p>
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9 FUTURE I&APS CONSULTATION

Due to the Proposed Project conflicting with existing / future land uses and further requests received for a public meeting, a request for extension of the PPP has been submitted to the DMR North-West Region with the FBAR.

The FBAR will also be made available from 5 August 2019 for review and comment.

10 CONCLUSIONS

EP is committed to addressing all comments that were received during this PPP, as well as future liaison with stakeholders and I&AP's to ensure good relations.

Stakeholder Engagement is an on-going process and all comments, issues and concerns raised will be considered and addressed where possible.

11 REFERENCES

- Department of Environmental Affairs, 2014, Environmental Impact Assessment Regulations, 2014. Pretoria.

Appendix 1

Surname	First Name	Title	Organisation	Address	Telephone	Mobile	Fax	Category	Email
de Bruyn	Chris	mr	Environment Watchdog	Private Bag X82245 Rustenburg 0300	(014) 537 3400	(082) 823 3815	(014) 537 3401	Concerned Groups	nwecoforum@mweb.co.za / iti31424@mweb.co.za
Nel	Pieter	Mr	North West Parks Board	NW	014-5555351	0836548415	014-5555525	Provincial Authorities	hpnel@mweb.co.za
Mokgoko	MA	Mr	Ward 17 Councillor			072 805 9157		Adjacent communities/Wards Madibeng Local Municipality	
Maubane	Barney	Mr	Ward 18			072 375 5994		Adjacent communities/Wards Madibeng Local Municipality	
Bogale	TS	Mr	Ward 19			071 781 0104		Adjacent communities/Wards Madibeng Local Municipality	
Maqakamba	Nomsa	Ms	Ward 35			0728131317		Adjacent communities/Wards Madibeng Local Municipality	Nomsa80maqakamba@gmail.com
Seabi	Chris	Mr	Ward 20			078 880 0012		Adjacent communities/Wards Madibeng Local Municipality	chrisseabi@gmail.com
Auret	W.P.		Agri North West		018 632 2987			Community Organisations	nwlu@isdnet.co.za
Makamu	Desmond	Mr	DMR	Private Bag A1, Klerksdorp, 2570	018 487 9830		018 462 9036	Competant Authority	Desmond.Makamu@dmr.gov.za
Nethwadzi	Phumudzo	Mr	North West Department of Mineral Resources	Private Bag A1, Klerksdorp, 2570	018 487 9830	082 467 0886	018 462 9036	Competant Authority	phumudzo.nethwadzi@dmr.gov.za
Tshlidzi	Phalala	Mr	North West Department of Mineral Resources	Private Bag A1, Klerksdorp, 2570	018 487 9830		018 462 9036	Competant Authority	tshlidzi.phalala@dmr.gov.za
Amanda	Bubu	Ms	Bojanala Platinum District Municipality	P.O. Box 1993, Rustenburg, 0300	014 590 4500		014 592 6085	District municipality	amandab@bojanala.gov.za
Boitumelo	Mabale	Ms	Bojanala Platinum District Municipality	P.O. Box 1993, Rustenburg, 0300	014 590 4603		014 592 6085	District municipality	boitumelom@bojanala.gov.za
Kutama	Herbert	Mr	DWS Hartebeespoort	Private Bag X 357, Hartebeespoort Dam, 1026	012 207 9911	083 3080 293		DWS	KutamaH@dws.gov.za
Mogomotsi	George	Mr	Bakgatla-Ba-Rampakong Trust			0733060586		Family & Committee	georgemogomotsi@gmail.com
Matlou	George	Mr	Bakgatla-Ba-Rampakong Trust			0794523161		Family & Committee	
Lebeloane	Metse	Mr	Bakgatla-Ba-Rampakong Trust			0792417938		Family & Committee	metseleb74@gmail.com
Mogomotsi	Titus	Mr	Bakgatla-Ba-Rampakong Trust			0747607065		Family & Committee	
Lebeloane	Abiot	Mr	Bakgatla-Ba-Rampakong Trust			0793741025		Family & Committee Members	lebelwaneabiot@gmail.com ananiast@tshwane.gov.za
Lebeloane	Aobakwe	Mr	Bakgatla-Ba-Rampakong Trust			0738880896		Family & Committee	aobakwe@gmail.com
Sereme	Angy	Ms	Bakgatla-Ba-Rampakong Trust			0762983481		Family & Committee	seremeangy@gmail.com
Bogale	Tseko	Mr	Bakgatla-Ba-Rampakong Trust			0717810104		Family & Committee	
Lekgetho	Isaac		Madibeng Local Municipality	Van Velden Street, Brits, 0250, South Africa	012 318 9100			Local Municipality	isaacklekgetho@madibeng.gov.za munman@madibeng.gov.za
Mahlangu	Lucas	Mr	DEA	Erf 1563 Arcadia Ext. 6 Cnr Soutpansberg and Steve Biko Road, Arcadia, Pretoria	012 399 9791	084 694 6115		National Authority	Lmahlangu@environment.gov.za
Sambo	Tsakani		Department of Environmental Affairs	No address	0123999790			National Authority	tsambo@environment.gov.za
Barnes	Gareth	Mr	WESSA					NGO	gbarnes@wessanorth.co.za
Director: Environmental Authorisations			Department of Environmental Affairs	Private Bag x 447, Pretoria, 0001	012 399 9372			Provincial Authority	EIAAdmin@environment.gov.za
Lobakeng	C	Mr	Department of Water and Sanitation (DWS)	Private Bag x 5, Mmabatho, 2735	018 387 9547	083 629 8991		Provincial Authority	LobakengC@dwa.gov.za
Mahlangu	Eva	Mrs	NWREAD					Provincial Authority	emahlangu@nwpg.gov.za
Mphaki	Petunia	Ms	North West Department of Rural, Environment and Agriculture Development (NWREAD)	Private Bag x 2039, Mmabatho, 2735	014 597 3597		018 389 0104	Provincial Authority	rsello@nwpg.gov.za
Ouma	Skosana	Ms	North West Department of Rural, Environment and Agriculture Development (NWREAD)	Private Bag x 15, Mmabatho, 2735	018 389 5156		018 389 5006	Provincial Department	oskosana@nwpg.gov.za
Tjale	Philip	Mr	DWS	Private Bag x 3955, Brits, 0250	012 207 9911	082 892 2869		Provincial Department	tjaek@dwa.gov.za / tlalek@dwa.gov.za
Bopape	Thabakgolo	Mr	DWS	Private Bag x 357, Hartebeespoort, 0261	012 253 1026	072 727 9126		Stakeholder	bopapet@dwa.gov.za
			ESKOM					Stakeholder	paia@eskom.co.za / central@eskom.co.za
Hine	Phillip	Mr	SAHRA	P.O. Box 4637, Capetown, 8000	021 462 4502			Stakeholder	phine@sahra.org.za
Imasiku	Queen	Mrs	NWREAD	P.O. Box 3011, Mmabatho, 2735	018 381 3663		018 381 2041	Stakeholder	itumelengd@nwdc.co.za
Itumeleng		Mr	Northwest Development Corporation	P.O. Box 3011, Mmabatho, 2735	018 381 3663		018 381 2041	Stakeholder	itumelengd@nwdc.co.za
Lobakeng	Keitumetse	Ms	Department of public Works Road and Transport	Private Bag x 2080, Mmabatho, 2735	018 388 1377		086 621 9185	Stakeholder	lobakengk@nwpg.gov.za
Mokaila	Ponsho	Dr	Department of Rural Development	Private Bag x 0239, Mmabatho, 2735	018 389 5146		018 392 4377	Stakeholder	pmokaila@nwpg.gov.za

Monageng		Mr	Department of Local Government and Traditional Affairs	Private Bag x2099, Mmabatho, 2735	018 388 3614	084 417 0420	018 388 1721	Stakeholder	mmmonageng@nwpg.gov.za
Nemutandani	Charles	Mr	DWS	Private Bag x 357, Hartbeespoort, 0261	012 253 1026	082 896 8222		Stakeholder	nemutandani@dwa.gov.za
Smuts	Kathryn	Ms	SAHRA	P.O. Box 4637, Capetown, 8000	021 462 4502			Stakeholder	KSMUTS@sahra.org.za
			(SAHRA)	P.O. Box 4637, Capetown, 8000	021 462 4502			Stakeholder	cmotsisi@sahra.org.za
Wentzel	JH	Mr	Culverwell group of companies	No address				Stakeholder	legal@cccsa.co.za
Matukane	Kenneth	Mr	Land Claims Commisions	No address				Stakeholder	kenneth.matukane@drdlr.gov.za
Raborifi	Lesego	Me	Hernic Ferrochrome		0 12 381 1183	071 371 9999	012 381 1133	Stakeholder	Lesego.Raborifi@hernic.co.za
Motsepe	Norman	Mr	Traditional Council of Bakgatla Ba Mmakau			0829663000		Stakeholder	motsepenorman@gmail.com
Grundlingh	Magda	Me	Culverwell group of companies	No address		082 526 0300	086 654 7478	Stakeholder (Zilkaats Wildlife Estate)	magda@cccsa.co.za
Mothupi	Keabetswe	Me	Land Claims Commisions			018 388 7000		Stakeholder	keabetswe.mothupi@drdlr.gov.za
Bogatsu	Lengene		Land Claims Commisions	No address				Stakeholder	lengene.bogatsu@drdlr.gov.za
Lesenjani	Moremi	Ms	North West Parks and Tourism			082 856 5642		Stakeholder	mlesejane@nwptb.co.za
			Transnet Ltd	PO Box 72501, Parkview, Johannesburg, 2122				Surrounding landowner	
			Madibeng Local Municipality	PO Box 106, Brits, 0250				Surrounding landowner	
			Jo-Fana Roses CC	PO Box 176, Brits, 0250				Surrounding landowner	
			Salene Mining (Pty) Ltd	PO Box 50917, Randburg, 2125				Surrounding landowner	
			Republic of South Africa Government	Land Reform Private Bag X833, Pretoria, 0001				Surrounding landowner	
Raphela	Robert	Ms	Hernic					Surrounding Mines	Robert.Raphela@hernic.co.za
Mithileni		Mr	Vametco	PO Box 595, Brits, 0250		012 318 3200		Surrounding Mines	info@bushveldvametco.co.za
Hlapolosa	Convince	Mr	East plats (Crocodile)			0834604460		Surrounding Mines	chlapolosa@eastplats.co.za
Legoale	Mmereki	Mr	Lonmin			0605875499		Surrounding Mines	Mmereki.Legoale@lonmin.com
Motsepe	Norman	Mr	Bakgatla-Ba-Mmakau	P.O. Box 83, DE WILDT, 0251	(012) 709 2166	082 966 3000		Tribal Council Representative	motsepenorman@gmail.com
Senna	Motshabi	Ms	VTSD members			0763666320		VTSD members	
Moche	Fikile	Mr	VTSD members			0646228080		VTSD members	Fmathodi2@gmail.com
Sekwele	Moscow	Mr	VTSD members			0792122456		VTSD members	moscowsekwele@gmail.com
Brown	Veronica	Ms	VTSD members			0768519091		VTSD members	thusowinkies@yahoo.com
Damon	B K	Mr	VTSD members			0632105686		VTSD members	44599978@mylife.unisa.ac.za
Mosidi	Anna	Ms	VTSD members			0820915191		VTSD members	Annahmosidi41@gmail.com
Bojosi	Fikile	Mr	VTSD members			0623435498		VTSD members	
Mothasedi	MW	Mr	Ward 21			076 598 7647		Ward Councillor for Eland Mining Area	
Theunissen	Cornia	Mrs	DWS - North West Region	P/Bag X 357, Hartbeespoort, 0216	(012) 253-1026	082-889-7930	(012) 253-2761	Water Affairs	TheunissenC@dws.gov.za
Theunissen	Cornia	Me	North West Provincial Operations, Water Resource Management		012 253 1026	0828897930	012 253 2761	Water Affairs	TheunissenC@dws.gov.za
Mahlaku	Delta	Ms	Department of Economic Development, Environment and Conservation		014 597 3597				dtmahlaku@nwpg.gov.za
Maluleke	Justice	Mr	DWS	Private Bag x 995, Pretoria, 0001	012 392 1409	082 804 9817			maluleke@dwa.gov.za
Matlala	Ramabele	Mr	Department of Public Works, Roads and Transport	Private Bag x 120, Mmabatho, 2735	018 384 9331	082 339 2583			ramabele.matlala@nwpg.gov.za
Nkosi	Jacqueline	Ms	Department of Rural Development and Land Reform	76 Van Velden Street, Brits, 0250	012 252 3505				JKNkosi@ruraldevelopment.gov.za
Ramashala	Lethabo	Ms	DWS - North West Region		(012) 253-1026				Ramashala@dws.gov.za
Mafoane	Sam	Mr	Hernic						Sam.Mafoane@hernic.co.za
Botha	Herman	Mr	Land Owner	Portion 160 De Kroon		0824585181	0866161774	Surrounding landowner	dpplant@vodamail.co.za
Kleinsmit	Liesel	Ms	Land Owner	Portion 115 De Kroon		0829678810	0865782264		liezeklein@gmail.com
Lombard	Christoph	Mr		Plot 83 Zilkaatsnek				Surrounding landowner	expatdoc@gmail.com
Crafford	Charlotte	Ms	Land Owner	Plot 76 Zilkaatsnek		0828880554		Surrounding landowner	CharlotteC@Nedbank.co.za
Nel	Harry	Mr	Land Owner	Portion 15 Schietfontein, DeWildt.	012 504 1605			Surrounding landowner	ieppenel@yahoo.co.uk
Snyman	Koos	Mr	Land Owner	Portion 86 DeKroon		0824067753		Surrounding landowner	
Bezuidenhout	Vanessa	Ms	De Wildt	De Wildt Cheetah Centre		0836755668		Stakeholder	cheetah@dewildt.org.za
Grove	Jannie	Mr	Land Owner		0123183358		0866905233	Surrounding landowner	jannie.grove@vam.stratcor.com
Raath	PC	Mr	Land Owner			0822543560		Surrounding landowner	pcraaths@gmail.com
Janse van Rensburg	Johan	Mr	Land Owner	598, Harbeespoort, 0216		0834972793		Surrounding Landowner	johan@calcuplan.com
Snyman	Jan	Mr	Land Owner	Po Box 251, De Wildt, 0251				Surrounding Landowner	snyman.jan4@gmail.com

Tshabalala	Vosi	Mr	Previous employee at Eland Mine			0734305877/ 0825040015		Previous Employee	
Mlangeni	MT	Mr	Previous employee at Eland Mine			0789693217		Previous Employee	
Mngobolo	Eliot	Mr	Previous employee at Eland Mine			0818497266/ 0714528598		Previous Employee	
Moshidi	Koos	Mr	Previous employee at Eland Mine			0812482592		Previous Employee	
Baitsomedi	patrick	Mr	Previous employee at Eland Mine			0733094757/ 0828721982		Previous Employee	
Matjila	Zabilou	Mr	Previous employee at Eland Mine			0826431382		Previous Employee	
Motaung	Mpho	Mr	Previous employee at Eland Mine			0722288210		Previous Employee	
Miyambo	Zodwa	Mr	Previous employee at Eland Mine			0717986825		Previous Employee	miyambozodwa04@gmail.com
Kelebojile	Madumo	Ms	Previous employee at Eland Mine			0799024164		Previous Employee	madumokelebojile@gmail.com
Sibisi	Noluthando	Ms	Previous employee at Eland Mine			0796409876		Previous Employee	thandosibisi92@gmail.com
Van Deventer	CL	Mr	Previous employee at Eland Mine			0762084203		Previous Employee	clvdeventer@msn.com
Baloyi	Bonang	Mr	Previous employee at Eland Mine			0761843464		Previous Employee	
Seemise	Boitumelo	Mr	Previous employee at Eland Mine			0837289270		Previous Employee	
Molotsane	Noma	Mr	Previous employee at Eland Mine			0826859879/07 38726998/0732 156100		Previous Employee	
Nguluwe	James	Mr	Previous employee at Eland Mine			0789673210		Previous Employee	
Nguluwe	Alex	Mr	Previous employee at Eland Mine			0769043064		Previous Employee	alexthabang17@gmail.com
Zulu	Bonginkosi	Mr	Department of Rural Development and Land Reform	184 Jeff Maseloma Street, Pretoria, 0001	012 312 9840/ 012 312 8472			Stakeholder	Bonginkosi.Zului@drdlr.gov.za
Sebolai	Richard	Mr	Department of Rural Development and Land Reform (North West)	Private Bag X74, Mmabatho, 2735	018 392 3080			Stakeholder	Itsholeng.Sebolai@drdlr.gov.za
Lambrechts	Fatima	Ms	Eland Platinum Mines (Pty) Ltd	Suite 19, Private Bag X1, Melrose Arch, Johannesburg, 2076	011 772 0664		086 550 5467	Landowner	fatima.lambrechts@glencore.co.za
Kios	Christel	Me	Wynand Wildlife			0722623570		Surrounding landowner	info@moonlight-lodge.co.za
Louw	Elbie	Ms	eCentrix			0823770117		Surrounding landowner	elbie@eccentrix.co.za
	J.	Mr				0829290403		Surrounding landowner	iklog@mweb.co.za
van Staden	Jaco	Mr	van Staden Boerdery			0798920577		Surrounding landowner	
Louw	Jakes	Mr	Plot 100			0769220709		Surrounding landowner	jakeslouw@gmail.com
Scribante	JL	Mr	TLUSA, DWHM, De Wildt Boere vereniging			0834425414		Surrounding landowner	wanniehan@gmail.com
Scribante	JC	Mrs						Surrounding landowner	
van Staden	Melissa	Me	van Staden Boerdery			0827767666		Surrounding landowner	melissavs@live.co.za
Dellemyn	Pierre	Mr				0824463605		Surrounding landowner	pierre2011@gmail.com
Dellemyn	Susan	Mrs				0828257270		Surrounding landowner	susan@auditworks.co.za
Kemp	Sylvia	Mrs				0827714845		Surrounding landowner	jamesk2@absamail.co.za
Breytenbach	Wynand	Mr				0821323668		Surrounding landowner	info@wynandwildlife.co.za
Lebogo	Simon	Mr	Land Claimant			0721037439		Land claimant	simon.lebogo@gmail.com
Motlogeloe	Andrew	Mr	Bakgatla Ba Mmakae Sports organisation	3330 Mmakau, 0194		0648660932		Stakeholder	bbm502013@gmail.com
Thekave	Moswere	Mr	Moses Kotane			0739831689		Stakeholder	
Sedumedi	Jeffrey	Mr	Moses Kotane			0634033212		Stakeholder	jeffreybouqaua@gmail.com
Pheyaga	Beinyana	Mr	Moses Kotane			0797643559		Stakeholder	
Moses	Blom	Mr	Moses Kotane			0735509462		Stakeholder	
Modiga	Ndo		Bakgatla Moletswane	PO BOX 4047, Brits		0725396856		Stakeholder	ndomodiga00@gmail.com
Lethathliha	Tshupo	Mr	Bakgatla Moletswane	Mothotlung		0827470983		Stakeholder	
Motma	Given	Mr	MLM			0123189107		Stakeholder	givenmotma@madibeng.gov.za
Moagi	Sello	Mr	MLM			0726915690		Stakeholder	sellomoagi@madibeng.gov.za
Moepye	Morris	Mr	Lethabile Damonsville			0767955055		Stakeholder	move-moepye@gmail.com
Montoei	Tebogo		Damonsville			0767291219		Stakeholder	tebogomontoei63@gmail.com
Motshwane	Badanile		Damonsville			0722433206		Stakeholder	DGalengmotshwane4@gmail.com
Khumalo	James		Damonsville			0783522442		Stakeholder	
Makete	Suzan	Me	Moses Kotane			073548453		Stakeholder	
Banda	Solomon	Mr	Moses Kotane	PO BOX 100 Kraalhoek		0784273167		Stakeholder	bandasolomon393@gmail.com
Diale	Nicky		Rampakong Community			0799006210		Stakeholder	nickdiale@gmail.com
Rakomane	JJ		LED			0731280489		Stakeholder	
Lethath	Eskia		Bakgatla Ba Moletswane			0721599268		Stakeholder	
Sekgothe	Maggie		Bakgatla Ba Mmkau			0790176358		Stakeholder	

Pholo	Refilwe		Moses Kotane			0607691056		Stakeholder	
Shongwane	Lydia		Moses Kotane			0724708669		Stakeholder	
Mothabi	Simon		Moses Kotane			0784640266		Stakeholder	
Seuhule	S	Mr	Oukasie (Odi Primary)			0728932344		Stakeholder	sammvs.spax@gmail.com
Kgathatso	Rosina	Ms				0764967407		Stakeholder	
Mofavelane	Priscilla	Ms				0768918086		Stakeholder	
Mogotsi	Magdeline	Ms	Mothotlung Community			0728340399		Stakeholder	
Masemole	Kedibone	Mrs	Bojanala			014523500		Stakeholder	masemolakedibone@gmail.com
Motshabi	Kwadi	Mrs				0715650613		Stakeholder	
Motsepe		Mr				0733429817		Stakeholder	
Minau	Lefoka	Ms				0726828810		Stakeholder	minaulefoka@gmail.com
Moumakwe	Andrew	Mr	Diketelo Construct			0826985307		Stakeholder	dikotelo8@gmail.com
Rakamakwe	SH	Mr				0762413691		Stakeholder	rakamakwe28@gmail.com
De Wildt Boerevereniging			De Wildt Boerevereniging			0834425414		Stakeholder	wanniehan@gmail.com
Janse van Rensburg	Johan	Mr	Calcuplan			0834912793	0866472640	Stakeholder	johan@calcuplan.com
Wessen	John	Mr	WESSA					Magliesberg Biosphere	jwesson@wessanorth.co.za
Gordon	Richard	Mr	Zolograph Investments (RF) (Pty) Ltd - Owner of Portion 15 of the Farm Schietfontein 437 JQ and long term lease on Portion 27 and 28 of the Farm Schietfontein 437 JQ.	2nd Floor, Fernwood House., Cape Town, 7700, ZA	0216701423	0833183982	0216701400	Solar Park Farm that will be constructed on Portion 15, 27 and 28 of the Farm Schietfontein 437 JQ	richard.gordon@aiafrica.com
			Sivest Environmental	51 Wessel Road, Rivonia	+ 27 11 798 0600			Consultant	info@sivest.co.za
Pretorius	Annelien	Mrs	ESKOM		0124213046		0124214793	Stakeholder	preann@eskom.co.za
Sebole	Mpho	Mr	ESKOM		0145651133				sebolemd@eskom.co.za
Janse van Rensburg	Johannes	Mr	Surrounding Landowner - Portion 76, 90 and 91 of the Farm Schietfontein 437 JQ			082 551 5971		Surrounding Landowner	hansvr@labapro.co.za
Nel	Harry	Mr	Surrounding Landowner	P.O. BOX 533, De Wildt 0251		0823388285		Surrounding Landowner	leppene1@yahoo.co.uk
Straus	Lynette	Mrs	Remaining Extent of Portions 5, and Portions 24, 27, 28, 33, 34 of the Farm Schietfontein 437 JQ	P.O. Box 9111430, Rosslyn, 0200		0826978090		Landowner	strausslynette@gmail.com
Straus	Johan	Mr				0736550585		Landowner	
Ras	Marthinus	Mr	Remaining Extent of Portions 5 and 32 ; and Portions 35 of the Farm Schietfontein 437 JQ	P.O. Box 121, De Wildt, 0251				Landowner	
Jacobs	RG		Remaining Extent of Portions 99 of the Farm Schietfontein 437 JQ	P.O. Box 194, De Wildt, 0251				Landowner	
Bester	Rina	Mrs	Madala's Padmark CC - Portions 101 of the Farm Schietfontein 437 JQ			071 110 6907		Landowner	rinabester1@gmail.com
			Corporate Flat CC - Portions 80 of the Farm Krelingspost 425 JQ	67 FIRST AVENUE EAST PARKTOWN NORTH JOHANNESBURG GAUTENG 2193				Landowner	ioan@macalfarms.com
			Kreylingspost Nr 10 De Wildt Pty Ltd - Portions 70, 71, 72, 74, 75, 76, 79 of the Farm Krelingspost 425 JQ	270 VAN RIEBEECK STREET HERMANSTAD PRETORIA GAUTENG 0031				Landowner	
								Landowner	
			Macal Farms - Portions 2 of the Farm Krelingspost 425 JQ	68 FIRST AVENUE EAST PARKTOWN NORTH JOHANNESBURG GAUTENG 2193				Landowner	ioan@macalfarms.com
van der Merwe	JJ	Mr	Portions 100 of the Farm Schietfontein 437 JQ	P.O. BOX 462 De Wildt, 0251		076 026 1591		Landowner	
			Prime Co Meat	PO Box 319, De Wildt, 0251		071 680 9010		Surrounding Business	
	Armand	Mr	Office Complete			0829553117		Surrounding Business	tto@vodamail.co.za
Du Toit	Adelle	Me	EL EM Skadugras	The Farm Middel Water, 3 R513 Rd, De Wildt, Akasia, Gauteng		0832757659	0123760018	Surrounding Business	elem@compuhost.co.za

			KWM Workshop			0744190308		Surrounding Business	
Kruger	Frik		Super Soya - Portions 3 of the Farm Krelingspost 425 JQ			0824166230 / 0125049919		Landowner	supersoya@vodamail.co.za
			Die Grasplaas	P.O. Box 59219 ,Karenpark, 0118	082 414 2025	082 416 6230		Surrounding Business	zenoise@icon.co.za
			Easy Lawn	Portion 25 Schietfontein, Pretoria, 0251		082 697 8090		Surrounding Business	
			Storage		0839531800	0729332854		Surrounding Business	
			M2 PRECIOUS AND BASE METALS (PTY) LTD	209 LYNWOOD ROAD, BROOKLYN, PRETORIA, 0181	079 493 8644		086 664 2365	Surrounding Prospecting Right Holder	
			Envirocycle / Home Shopper CC - Portions 73 of the Farm Krelingspost 425 JQ	PO BOX 542, De Wildt, 0251	(012) 504-1172	0829071405		Surrounding Business and Landowner	
			samancor	PostNet Suite 803, Private Bag X9, Benmore, South Africa, 2010	+27 11 245-1000		+27 11 245-1200	Surrounding Prospecting Right Holder	webmaster@SamancorCr.com
	Suzette		De Wildt Helpmekaar			081 780 0426		NGO representing De Wildt and surrounding Farming Community	mk1@dewildt.co.za / dewildthelpmekaar@gmail.com
Ruddeck		Mrs	Surrounding Landowner					Surrounding Landowner	jenny.ruddeck@gmail.com
			Q4 -					Surrounding Landowner	tutuwedzo@q4.co.za
Kemp	Hannes	Mr	Macal Farms			082 468 4503		Foreman for Macal Farms	hannes@macalfarms.com
Davel	Gertjie	Mr	Surrounding Landowner					Surrounding Landowner	gjdavel@gmail.com
			Polonia Schietfontein Community Property Association		066 314 1092	071 542 6860		Surrounding Landowner	mochaagency@gmail.com / ladytmrmore.tn@gmail.com / monchusi@live.com / sello7.mokale@gmail.com
Terrance		Mr	SSG			062 554 2317		EM Employee	
Kot	Stephnie	Ms	On behalf of Zolograph Investment		021 670 1423	083 318 3982			stephnie.kot@aced.co.za / mariana.badenhorst@aced.co.za
Nel	JD	Mr	On behalf of Envirocycle	PKN Office Park, 62 Taaifontein Street, Montana Park, 0123	012 548 9120	083 307 2291	012 548 9375	Envirocycle	law@ncproks.co.za / ncprok@gmail.com
Gregory	Lizelle	Mrs	Bokamoso Environmental Consultants		012 346 3810	083 255 8384	086 5705659	On behalf of Kroon's Gourmet Chickens (Pty) Ltd	lizelle@bokamoso.net / marilee@bokamoso.net / juanita@bokamoso.net
Nthathe	WG	Mr	Interested Party		0	083 537 5489			e.gontsenthathe@yahoo.com

Employee Masterfile

10001	Mr Jonathan Talent Zvidzai	Profile : 2000	Status : Processed (Terminated)
Personal			
Details		Contacts	
Start Date	26/04/2018	Work Phone No.	0829071405
Date of Birth	11/06/1988	Home Phone No	
Identification Number		Cell Number	
Passport Number	29-313390E-12	Fax No	
Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	0743057192
Marital Status	Married	E-mail Address	
Dependants	1		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	30404
		Street/Name of Farm	Mmakau
		Suburb/District	Ga Rankuwa
		City/Town	
		Postal Code	0251
		Country Code	SA
Date Left	24/07/2019		
Reason	Retrenched		
Tax Cert. Issued	No		
10002	Mr Jefress Tavarera	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Start Date	26/04/2018	Work Phone No.	0829071405
Date of Birth	28/01/1991	Home Phone No	
Identification Number		Cell Number	0797738988
Passport Number	30MC12848	Fax No	
Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	
Marital Status	Married	E-mail Address	
Dependants	3		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	220
		Street/Name of Farm	Zone 7
		Suburb/District	Ga Rankuwa
		City/Town	
		Postal Code	0251
		Country Code	SA
10003	Mr Fredda Marondera	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Start Date	26/04/2018	Work Phone No.	0829071405
Date of Birth	30/03/1987	Home Phone No	
Identification Number		Cell Number	0729131459

Employee Masterfile

Passport Number	45700409	Fax No	
Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	
Marital Status	Single	E-mail Address	
Dependants	0		

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	461
Street/Name of Farm	Main str
Suburb/District	Ninapark
City/Town	Pretoria
Postal Code	0001
Country Code	SA

10004	Mr Edmore Chuma	Profile : 2000	Status : Processed
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Personal**Details**

Start Date	26/04/2018
Date of Birth	27/08/1992
Identification Number	
Passport Number	CN120334
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0712669413
Fax No	
Contact Name	
Contact No.	
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	1423
Street/Name of Farm	Ga Rankuwa
Suburb/District	Ga Rankuwa
City/Town	
Postal Code	0251
Country Code	SA

10005	Mr Chuma Cloudios Chuma	Profile : 2000	Status : Processed
--------------	--------------------------------	-----------------------	---------------------------

Personal**Details**

Start Date	26/04/2018
Date of Birth	10/10/1989
Identification Number	
Passport Number	6941998
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	1

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0840326164
Fax No	
Contact Name	
Contact No.	0663459974
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 1281
Street/Name of Farm Zone One
Suburb/District Ga Rankuwa
City/Town
Postal Code 0251
Country Code SA

10007 **Mr Blessing Munchimika** **Profile : 2000** **Status : Processed (Terminated)**

Personal

Details

Start Date 26/04/2018
Date of Birth 07/02/1986
Identification Number
Passport Number 044024229
Country of Issue ZWE
Gender Male
Marital Status Married
Dependants 2

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0661754727
Fax No
Contact Name
Contact No.
E-mail Address

Preferences

Mobility No
Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 247
Street/Name of Farm Soshanguve
Suburb/District Selosecha
City/Town
Postal Code 0001
Country Code SA

Date Left 24/07/2019
Reason Retrenched
Tax Cert. Issued No

10008 **Mr Sinclia Vhare** **Profile : 2000** **Status : Processed (Terminated)**

Personal

Details

Start Date 26/04/2018
Date of Birth 31/12/1987
Identification Number
Passport Number CN480475
Country of Issue ZWE
Gender Male
Marital Status Married
Dependants 4

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0737836241
Fax No
Contact Name
Contact No. 0630201814
E-mail Address

Preferences

Mobility No
Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 2801B
Street/Name of Farm Mmakau
Suburb/District Naledi
City/Town

Employee Masterfile

		Postal Code	0208
		Country Code	SA
Date Left	24/07/2019		
Reason	Retrenched		
Tax Cert. Issued	No		
10009	Mr Trust Chitsama	Profile : 2000	Status : Processed (Terminated)
Personal			
Details		Contacts	
Start Date	26/04/2018	Work Phone No.	0829071405
Date of Birth	01/01/1986	Home Phone No	
Identification Number		Cell Number	
Passport Number	006941113	Fax No	
Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	
Marital Status	Married	E-mail Address	
Dependants	2		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	320
		Street/Name of Farm	Molefe
		Suburb/District	Zone 1
		City/Town	Ga Rankuwa
		Postal Code	0251
		Country Code	SA
Date Left	24/07/2019		
Reason	Retrenched		
Tax Cert. Issued	No		
10010	Mr Batsirai Chinyebma Chinyebma	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Batsie		
Start Date	30/05/2019	Work Phone No.	0829071405
Date of Birth	27/10/1977	Home Phone No	
Identification Number		Cell Number	0731763833
Passport Number	PTAZWE006960414	Fax No	
Country of Issue	ZWE	Contact Name	0748818949
Gender	Male	Contact No.	
Marital Status	Married	E-mail Address	
Dependants	3		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	154
		Street/Name of Farm	Tanistreet
		Suburb/District	Zone 1
		City/Town	Garankuwa
		Postal Code	0221
		Country Code	ZA

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

10011	Mr Tinotenda Zvavahera	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Tino	Work Phone No.	0829071405
Start Date	30/05/2019	Home Phone No	
Date of Birth	18/08/1985	Cell Number	
Identification Number		Fax No	
Passport Number	CN594375	Contact Name	
Country of Issue	ZWE	Contact No.	
Gender	Male	E-mail Address	
Marital Status	Married		
Dependants	3		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	242
		Complex	Zone 1
		Street Number	
		Street/Name of Farm	Zone
		Suburb/District	Garankuwa
		City/Town	Garankuwa
		Postal Code	0221
		Country Code	ZA
10012	Mr Bright Mukwada	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Brighton	Work Phone No.	0829071405
Start Date	06/06/2019	Home Phone No	
Date of Birth	06/10/1995	Cell Number	0710392883
Identification Number		Fax No	
Passport Number	PTAZWE142553388	Contact Name	
Country of Issue	ZWE	Contact No.	0783076195
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	0		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	693
		Complex	Zone 1
		Street Number	
		Street/Name of Farm	Garankuwa
		Suburb/District	Garankuwa
		City/Town	Pretoria
		Postal Code	0001
		Country Code	ZA
10013	Mr Prince Chuma	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Prince	Work Phone No.	0829071405
Start Date	06/06/2019	Home Phone No	
Date of Birth	10/12/1997	Cell Number	0613495290
Identification Number		Fax No	
Passport Number	FN150151		

Employee Masterfile

Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	0787246416
Marital Status	Single	E-mail Address	
Dependants	0		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	1012
		Complex	
		Street Number	
		Street/Name of Farm	Mmakau
		Suburb/District	Garankuwa
		City/Town	
		Postal Code	0001
		Country Code	ZA

1005	Mr Julio Mapapila Cassa	Profile : 2000	Status : Processed
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Personal			
Details		Contacts	
Nickname	Julio	Work Phone No.	0145656765
Start Date	16/05/2013	Home Phone No	
Date of Birth	18/02/1962	Cell Number	0786215649
Identification Number		Fax No	
Passport Number	10AA99584	Contact Name	
Country of Issue	ZWE	Contact No.	0728419113
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	3		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	241
		Street/Name of Farm	Adam str
		Suburb/District	Tlhabane
		City/Town	Rustenburg
		Postal Code	0209
		Country Code	ZA

1009	Mr Elias Batlhalefi Motshwaedi	Profile : 2000	Status : Processed
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Personal			
Details		Contacts	
Nickname	Elias	Work Phone No.	0145656765
Start Date	16/05/2013	Home Phone No	
Date of Birth	12/03/1963	Cell Number	0733888071
Identification Number	6303126322082	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	0732936178
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	3		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			

Employee Masterfile

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 733
Street/Name of Farm Hizo-Hizo
Suburb/District Tlabane
City/Town Rustenburg
Postal Code 0209
Country Code ZA

1010 Mr Mompoti Christain Mogale Profile : 2000 Status : Processed

Personal

Details

Nickname Mompoti
Start Date 16/05/2013
Date of Birth 24/10/1988
Identification Number 8810246115087
Passport Number
Country of Issue
Gender Male
Marital Status Single
Dependants 1

Contacts

Work Phone No. 0145656765
Home Phone No
Cell Number 0738231113
Fax No
Contact Name
Contact No. 0837418080
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 636
Street/Name of Farm Mokwena
Suburb/District Tlhabane
City/Town Rustenburg
Postal Code 0209
Country Code ZA

1014 Mrs Constanca Mutswangi Profile : 2000 Status : Processed

Personal

Details

Nickname Constanca
Start Date 16/05/2013
Date of Birth 06/06/1978
Identification Number
Passport Number BN086697
Country of Issue ZWE
Gender Female
Marital Status Single
Dependants 2

Contacts

Work Phone No. 0145656765
Home Phone No
Cell Number 0736107326
Fax No
Contact Name
Contact No. 0846803024
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 9
Street/Name of Farm Pansy str
Suburb/District Zinnaville
City/Town Rustenburg
Postal Code 0299
Country Code ZA

Employee Masterfile

1016	Mr Chadreque Arone Chauque	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Chadreque	Work Phone No.	0145656765
Start Date	16/05/2013	Home Phone No	
Date of Birth	01/09/1961	Cell Number	0604672117
Identification Number	6109015162186	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	0781285876
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	4		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	353
		Street/Name of Farm	Hizo-Hizo
		Suburb/District	Tlhabane
		City/Town	Rustenburg
		Postal Code	0209
		Country Code	ZA
1022	Mr Ishmail Mosimaneotsile Mosiapoa	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Whitey	Work Phone No.	0829071405
Start Date	10/08/2017	Home Phone No	
Date of Birth	09/04/1973	Cell Number	0781727405
Identification Number	7304095313085	Fax No	
Passport Number		Contact Name	Agnes Mosiapoa
Country of Issue		Contact No.	0785306687
Gender	Male	E-mail Address	
Marital Status	Married		
Dependants	1		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	303
		Street/Name of Farm	Mothuka
		Suburb/District	Tlhabane
		City/Town	
		Postal Code	0209
		Country Code	ZA
1023	Mr Obakeng G Riet	Profile : 2000	Status : Terminated
Personal			
Details		Contacts	
Nickname	Obakeng	Work Phone No.	0829071405
Start Date	10/08/2017	Home Phone No	
Date of Birth	10/11/1989		

Employee Masterfile

Identification Number 8911105692081
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Single
 Dependants 1

Cell Number 0795703209
 Fax No
 Contact Name Melanie Riet
 Contact No. 0726079779
 E-mail Address

Preferences

Mobility No
 Income Verification No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 67
 Street/Name of Farm Middle str
 Suburb/District Rustenburg North
 City/Town
 Postal Code 0299
 Country Code ZA

Date Left 04/04/2019
 Reason Resigned
 Tax Cert. Issued No

1025 **Mr Ntshamane William Matlala** **Profile : 2000** **Status : Terminated**

Personal**Details**

Nickname William
 Start Date 10/08/2017
 Date of Birth 16/06/1977
 Identification Number 7706166601083
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Single
 Dependants 2

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number
 Fax No
 Contact Name
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 330
 Street/Name of Farm Mmutle st
 Suburb/District Tlhabane
 City/Town Rustenburg
 Postal Code 0209
 Country Code ZA

Date Left 04/04/2019
 Reason Resigned
 Tax Cert. Issued No

1030 **Mr Prince Doba** **Profile : 2000** **Status : Processed**

Personal**Details**

Nickname Prince
 Start Date 27/09/2018
 Date of Birth 13/03/1983
 Identification Number
 Passport Number CN052962
 Country of Issue ZWE
 Gender Male

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0731983730
 Fax No
 Contact Name
 Contact No. 0785580454

Employee Masterfile

Marital Status	Married	E-mail Address
Dependants	4	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	11
Complex	Impala House
Street Number	
Street/Name of Farm	Rustenburg
Suburb/District	
City/Town	Rustenburg
Postal Code	0300
Country Code	ZA

1031	Mr Josiah Muchero	Profile : 2000	Status : Processed
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Personal**Details**

Nickname	Josiah
Start Date	27/09/2018
Date of Birth	02/12/1991
Identification Number	
Passport Number	DN535692
Country of Issue	ZWE
Gender	Female
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0604095442
Fax No	
Contact Name	
Contact No.	0736800678
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	693
Street/Name of Farm	Sechele Str
Suburb/District	Tlhabane
City/Town	Rustenburg
Postal Code	0299
Country Code	ZA

1032	Mr Sigwinta Gamalakhe	Profile : 2000	Status : Processed
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Personal**Details**

Nickname	Gama
Start Date	27/09/2018
Date of Birth	02/02/1959
Identification Number	5902025436082
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0837625020
Fax No	
Contact Name	
Contact No.	0737972043
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address****Residential Address**

Employee Masterfile

Same as Residential

Unit Number
Complex
Street Number 624322
Street/Name of Farm Seraleng
Suburb/District
City/Town Rustenburg
Postal Code 0299
Country Code ZA

1033 Mr Nelson Joao Mafundza Profile : 2000 Status : Processed

Personal

Details

Nickname Nico
Start Date 27/09/2018
Date of Birth 21/03/1995
Identification Number
Passport Number 30MA67246
Country of Issue ZWE
Gender Male
Marital Status Single
Dependants 1

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0836157398
Fax No
Contact Name
Contact No. 0633338424
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 355
Street/Name of Farm Yizo-Yizo
Suburb/District
City/Town Rustenburg
Postal Code 0299
Country Code ZA

1034 Mr Joao Xadrique Moiane Profile : 2000 Status : Processed

Personal

Details

Nickname Vasco
Start Date 27/09/2018
Date of Birth 01/01/1976
Identification Number
Passport Number 20CE70860
Country of Issue MOZ
Gender Male
Marital Status Married
Dependants 2

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0760785271
Fax No
Contact Name
Contact No. 0715599022
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 196
Street/Name of Farm Marikana
Suburb/District Marikana
City/Town Rustenburg
Postal Code 0299
Country Code ZA

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

1035	Mr Dhlamini Nthokozo	Profile : 2000	Status : Terminated
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Personal

Details

Nickname TK
 Start Date 31/01/2019
 Date of Birth 01/01/1980
 Identification Number
 Passport Number BN933097
 Country of Issue ZWE
 Gender Male
 Marital Status Married
 Dependants 2

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0621472744
 Fax No
 Contact Name
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 2562
 Street/Name of Farm Seralang
 Suburb/District Rustenburg
 City/Town Rustenburg
 Postal Code 0300
 Country Code ZA

Date Left 14/06/2019
 Reason Resigned
 Tax Cert. Issued No

1036	Mr Jose Motlhanga	Profile : 2000	Status : Processed
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Personal

Details

Nickname Jose
 Start Date 25/04/2019
 Date of Birth 27/09/1968
 Identification Number 6809275890083
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Single
 Dependants 1

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0730328188
 Fax No
 Contact Name
 Contact No. 0787252859
 E-mail Address

Preferences

Mobility No
 Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 2314
 Street/Name of Farm Motsatsi str
 Suburb/District Tlhabane
 City/Town Rustenburg
 Postal Code 0309
 Country Code ZA

1037	Mr Phathutshedzo Arthur Munzhelele	Profile : 2000	Status : Processed
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Personal

Details

Nickname Arthur
 Start Date 30/05/2019

Contacts

Work Phone No. 0829071405

Employee Masterfile

Date of Birth	12/11/1989	Home Phone No	
Identification Number	8911126027085	Cell Number	0797881065
Passport Number		Fax No	
Country of Issue		Contact Name	
Gender	Male	Contact No.	0722034383
Marital Status	Single	E-mail Address	
Dependants	0		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	303
		Complex	House
		Street Number	
		Street/Name of Farm	Schele str
		Suburb/District	Thlabane
		City/Town	Rustenburg
		Postal Code	0300
		Country Code	ZA

106	Mrs Ruth Manota	Profile : 2000	Status : Processed
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Personal			
Details		Contacts	
Nickname	Ruth	Work Phone No.	0829041405
Start Date	01/02/2004	Home Phone No	
Date of Birth	06/01/1968	Cell Number	0828121237
Identification Number	6801060724080	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Female	E-mail Address	
Marital Status	Married		
Dependants	3		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	160	Unit Number	
Street/Post Office Name	Maccou	Complex	
Suburb/District	Zone 20	Street Number	
City/Town		Street/Name of Farm	160 Zone 20
Postal Code	0251	Suburb/District	Maccou
Country Code	ZA	City/Town	
		Postal Code	0251
		Country Code	ZA

108	MR Charles Zangiro	Profile : 2000	Status : Processed
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Personal			
Details		Contacts	
Nickname	Charles	Work Phone No.	0829071405
Start Date	01/11/2008	Home Phone No	
Date of Birth	04/08/1975	Cell Number	0780162548
Identification Number		Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	0		
Preferences			
Mobility	No		

Employee Masterfile

Income Verification Yes

Addresses**Postal Address**

Street/PO Box Number 377
 Street/Post Office Name Ramagodi
 Suburb/District
 City/Town
 Postal Code 0251
 Country Code ZA

Residential Address

Unit Number
 Complex
 Street Number
 Street/Name of Farm 377 Ramagodi
 Suburb/District Ramagodi
 City/Town
 Postal Code 0251
 Country Code ZA

110 **Mr Fredreck Takaindisa** **Profile : 2000** **Status : Processed**

Personal**Details**

Nickname Fredreck
 Start Date 22/07/2010
 Date of Birth 14/04/1974
 Identification Number
 Passport Number AN700653
 Country of Issue ZWE
 Gender Male
 Marital Status Married
 Dependants 2

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0748600759
 Fax No
 Contact Name
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 3492
 Street/Name of Farm Mmakau
 Suburb/District De Wildt
 City/Town
 Postal Code 0251
 Country Code ZA

116 **Mr Calvin Hlungwane** **Profile : 2000** **Status : Processed**

Personal**Details**

Nickname Calvin
 Start Date 20/06/2012
 Date of Birth 15/04/1990
 Identification Number 9004155664082
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Single
 Dependants 0

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0735353429
 Fax No
 Contact Name
 Contact No. 0828653876
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses**Postal Address**

Street/PO Box Number 854
 Street/Post Office Name Giyani
 Suburb/District Malamulele
 City/Town
 Postal Code 0928

Residential Address

Unit Number
 Complex
 Street Number E443
 Street/Name of Farm Mmakau
 Suburb/District Mmakau

Employee Masterfile

Country Code	ZA	City/Town	
		Postal Code	0928
		Country Code	ZA
122	Mr Maboko Patrick Mabena	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Patrick	Work Phone No.	0829071405
Start Date	07/07/2009	Home Phone No	
Date of Birth	15/03/1972	Cell Number	0712276949
Identification Number	7203156401088	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	0		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	
		Street/Name of Farm	000
		Suburb/District	
		City/Town	Polonia Section
		Postal Code	1632
		Country Code	ZA
125	Mr Tonderai Mumanyi	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Start Date	28/09/2010	Work Phone No.	0829071405
Date of Birth	21/09/1984	Home Phone No	
Identification Number		Cell Number	0731313227
Passport Number	BN846751	Fax No	
Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	
Marital Status	Single	E-mail Address	
Dependants	0		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	2679
		Street/Name of Farm	27 Crescent GV1
		Suburb/District	Harare
		City/Town	
		Postal Code	0251
		Country Code	ZA
303	Mr Fred Kaziko	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Freddy		

Employee Masterfile

Start Date 26/07/2008
 Date of Birth 25/05/1978
 Identification Number
 Passport Number AC168821
 Country of Issue ZNC
 Gender Male
 Marital Status Single
 Dependants 0

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0793838353
 Fax No
 Contact Name
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses**Postal Address**

Street/PO Box Number 0
 Street/Post Office Name Chipinge
 Suburb/District Hlinzana
 City/Town
 Postal Code 0251
 Country Code ZA

Residential Address

Unit Number
 Complex
 Street Number
 Street/Name of Farm Portion 8 of farm
 Suburb/District Krelingspost
 City/Town
 Postal Code 0251
 Country Code ZA

315 **Mr Sam Handsome Shumba** **Profile : 2000** **Status : Processed**

Personal**Details**

Nickname Clement
 Start Date 23/02/2012
 Date of Birth 05/01/1991
 Identification Number
 Passport Number ZWE028230710
 Country of Issue ZWE
 Gender Male
 Marital Status Single
 Dependants 0

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0840822860
 Fax No
 Contact Name 0848654185
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 38
 Street/Name of Farm Jerusalem str
 Suburb/District Marabastad
 City/Town
 Postal Code 0030
 Country Code ZA

410 **Mr Lyborne Mathye** **Profile : 2000** **Status : Processed**

Personal**Details**

Nickname Lyborne
 Start Date 01/01/2008
 Date of Birth 07/06/1975
 Identification Number 7506075846088
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Single
 Dependants 0

Contacts

Work Phone No. 0829041405
 Home Phone No
 Cell Number 0719764195
 Fax No
 Contact Name
 Contact No.
 E-mail Address

Preferences

Employee Masterfile

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Street/PO Box Number	581
Street/Post Office Name	Zone 25
Suburb/District	
City/Town	
Postal Code	0251
Country Code	ZA

Residential Address

Unit Number	
Complex	
Street Number	
Street/Name of Farm	Portion8 of farm
Suburb/District	Krelingspost
City/Town	
Postal Code	0251
Country Code	ZA

417	Mr Patrick Shara	Profile : 2000	Status : Processed
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Personal**Details**

Nickname	Patrick
Start Date	04/08/2011
Date of Birth	27/10/1961
Identification Number	
Passport Number	63371578232
Country of Issue	ZWE
Gender	Male
Marital Status	Single
Dependants	6

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0730140511
Fax No	
Contact Name	
Contact No.	
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	8370
Street/Name of Farm	Newtown
Suburb/District	Makau
City/Town	
Postal Code	0251
Country Code	ZA

602ES	Mr Jason Shoko	Profile : 2000	Status : Processed
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Personal**Details**

Nickname	Jason
Start Date	10/08/2017
Date of Birth	02/06/1986
Identification Number	
Passport Number	PTAZWE000020217
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	0

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0840646734
Fax No	
Contact Name	
Contact No.	0742422238
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	1435
Street/Name of Farm	Zone 1

Employee Masterfile

		Suburb/District	Ga-Rankuwa
		City/Town	
		Postal Code	0251
		Country Code	ZA

603ES	Mrs Dorah Mbokane	Profile : 2000	Status : Processed
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Personal**Details**

Nickname	Dorah
Start Date	10/08/2017
Date of Birth	06/07/1979
Identification Number	7907060799086
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Single
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0768417579
Fax No	
Contact Name	0721262225
Contact No.	
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	443
Street/Name of Farm	Mmakau Springs
Suburb/District	Section
City/Town	
Postal Code	0251
Country Code	ZA

604ES	Mr Clepard Munjere	Profile : 2000	Status : Processed
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Personal**Details**

Start Date	13/11/2017
Date of Birth	20/11/1989
Identification Number	
Passport Number	PTAZWE001581117
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0613158345
Fax No	
Contact Name	Evans Sithole(Brother)
Contact No.	0613977348
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	546
Street/Name of Farm	Mmakau
Suburb/District	Garankuwa
City/Town	
Postal Code	0194
Country Code	ZA

605ES	Mr Peter Mugwagwa	Profile : 2000	Status : Processed
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Personal**Details****Contacts**

Employee Masterfile

Nickname	Peter		
Start Date	03/02/2018	Work Phone No.	0829071405
Date of Birth	17/08/1992	Home Phone No	
Identification Number		Cell Number	0749769926
Passport Number	PTAZWE001680517	Fax No	
Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	0747233658
Marital Status	Single	E-mail Address	
Dependants	0		

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	711
Street/Name of Farm	Zone 4
Suburb/District	Ga-Rankuwa
City/Town	
Postal Code	0208
Country Code	ZA

701	Mrs Sarah Makhanane Baloyi	Profile : 2000	Status : Processed
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Personal

Details

Nickname	Sarah
Start Date	05/04/2012
Date of Birth	11/07/1968
Identification Number	6807110496082
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Single
Dependants	4

Contacts

Work Phone No.	0125620383
Home Phone No	
Cell Number	0790841995
Fax No	
Contact Name	0765211680
Contact No.	
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Street/PO Box Number	1590
Street/Post Office Name	Temba
Suburb/District	
City/Town	
Postal Code	0407
Country Code	ZA

Residential Address

Unit Number	
Complex	
Street Number	758
Street/Name of Farm	Section B
Suburb/District	Sekampaneng
City/Town	Temba
Postal Code	0407
Country Code	ZA

8000	Mr Ranyama Lucas Maboea	Profile : 2000	Status : Processed
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Personal

Details

Start Date	10/08/2017
Date of Birth	17/11/1973
Identification Number	7311175758089
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0780274688
Fax No	
Contact Name	Annetjie
Contact No.	0718022855
E-mail Address	

Preferences

Employee Masterfile

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	11336
Street/Name of Farm	Block F
Suburb/District	Phola Park
City/Town	
Postal Code	0600
Country Code	ZA

8001	Mr Winny Sakia Mophuting	Profile : 2000	Status : Processed
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Personal**Details**

Start Date	10/08/2017
Date of Birth	02/07/1971
Identification Number	7107025878089
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0604272842
Fax No	
Contact Name	Sarha
Contact No.	0797237089
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	865
Street/Name of Farm	Selosecha Mogwase
Suburb/District	Ramokoka Stad
City/Town	
Postal Code	0600
Country Code	ZA

8002	Mr Andries Amos Sibanda	Profile : 2000	Status : Processed
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Personal**Details**

Start Date	10/08/2017
Date of Birth	09/04/1975
Identification Number	7504095365080
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	3

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0822920433
Fax No	
Contact Name	Bethuel
Contact No.	0724970115
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	K25
Street/Name of Farm	Ext 14
Suburb/District	Mokopane
City/Town	

Employee Masterfile

		Postal Code	0600
		Country Code	ZA
8003	Mr Manuel Paiva	Profile : 2000	Status : Terminated
Personal			
Details		Contacts	
Nickname	Manuel	Work Phone No.	0829071405
Start Date	10/08/2017	Home Phone No	
Date of Birth	23/01/1960	Cell Number	
Identification Number	6001235187186	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	1		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	789
		Street/Name of Farm	Sekgakgapeng
		Suburb/District	Mokopane
		City/Town	
		Postal Code	0600
		Country Code	ZA
Date Left	03/07/2019		
Reason	Resigned		
Tax Cert. Issued	No		
8004	Mr Resemate Jan Maluleke	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Start Date	10/08/2017	Work Phone No.	0829071405
Date of Birth	29/10/1989	Home Phone No	
Identification Number	8910295192084	Cell Number	0725153407
Passport Number		Fax No	
Country of Issue		Contact Name	Asnath
Gender	Male	Contact No.	0763270307
Marital Status	Single	E-mail Address	
Dependants	1		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	138
		Street/Name of Farm	Tshamahanzi
		Suburb/District	Mokopane
		City/Town	
		Postal Code	0600
		Country Code	ZA
8006	Mr Thapelo Joseph Moseki	Profile : 2000	Status : Processed
Personal			
Details		Contacts	

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

Start Date	10/08/2017	Work Phone No.	0829071405
Date of Birth	03/05/1970	Home Phone No	
Identification Number	7005036429084	Cell Number	0737260024
Passport Number		Fax No	
Country of Issue		Contact Name	Anna
Gender	Male	Contact No.	0733585303
Marital Status	Single	E-mail Address	
Dependants	3		

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	A13
Street/Name of Farm	Ext10
Suburb/District	Sunrise Park
City/Town	Rustenburg
Postal Code	0300
Country Code	ZA

8008	Mr Frans Manganga Kekana	Profile : 2000	Status : Processed
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Personal

Details

Start Date	10/08/2017
Date of Birth	04/01/1972
Identification Number	7201046303084
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0786461869
Fax No	
Contact Name	Linha
Contact No.	0712197071
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	1168
Street/Name of Farm	Phola Park
Suburb/District	Mokopane
City/Town	
Postal Code	0600
Country Code	ZA

8009	Mr Bethuel Israel Sibanda	Profile : 2000	Status : Terminated
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Personal

Details

Nickname	Bethuel
Start Date	04/07/2018
Date of Birth	21/01/1975
Identification Number	7501215547084
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0724970115
Fax No	
Contact Name	
Contact No.	0822657999
E-mail Address	

Preferences

Employee Masterfile

Mobility No
Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 036
Street/Name of Farm Maharelereng
Suburb/District Mokopane
City/Town
Postal Code 0600
Country Code ZA

Date Left 03/07/2019
Reason Resigned
Tax Cert. Issued No

8010 Mr Johannes Lesiba Kutumela Profile : 2000 Status : Processed

Personal

Details

Nickname Johannes
Start Date 04/07/2018
Date of Birth 10/12/1983
Identification Number 8312106289086
Passport Number
Country of Issue
Gender Male
Marital Status Single
Dependants 2

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0762768065
Fax No
Contact Name
Contact No. 0825406400
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Street/PO Box Number 248
Street/Post Office Name Mokopane
Suburb/District
City/Town Mokopane
Postal Code 0600
Country Code ZA

Residential Address

Unit Number
Complex
Street Number 89
Street/Name of Farm Kgohadi str
Suburb/District Ga Kgobudi Village
City/Town Mokopane
Postal Code 0600
Country Code ZA

8011 Mr Maxwell Govani Profile : 2000 Status : Terminated

Personal

Details

Nickname Maxwell
Start Date 09/01/2019
Date of Birth 12/08/1973
Identification Number
Passport Number 54047151C54
Country of Issue
Gender Male
Marital Status Married
Dependants 4

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0734569450
Fax No
Contact Name
Contact No. 0637101635
E-mail Address

Preferences

Mobility No
Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number 3186

Employee Masterfile

		Complex	
		Street Number	
		Street/Name of Farm	
		Suburb/District	Waterval
		City/Town	Louis Trichardt
		Postal Code	0000
		Country Code	ZA
Date Left	02/05/2019		
Reason	Absconded		
Tax Cert. Issued	No		

8012	Mr Madumetja Simon Matlwa	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Simon		
Start Date	30/05/2019	Work Phone No.	0829071405
Date of Birth	04/09/1977	Home Phone No	
Identification Number	7709045496089	Cell Number	0646175005
Passport Number		Fax No	
Country of Issue		Contact Name	
Gender	Male	Contact No.	0823154703
Marital Status	Married	E-mail Address	
Dependants	5		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	2255
		Complex	Mosesetjane Kgobodi
		Street Number	
		Street/Name of Farm	Moshitanana
		Suburb/District	
		City/Town	Garankuwa
		Postal Code	0205
		Country Code	ZA

8013	Mr Barend Jacobus Matheus Van Staden	Profile : 2000	Status : Processed
Personal			
Details		Contacts	
Nickname	Barend		
Start Date	30/05/2019	Work Phone No.	0829071405
Date of Birth	14/08/2001	Home Phone No	
Identification Number	0108145095080	Cell Number	0790733314
Passport Number		Fax No	
Country of Issue		Contact Name	
Gender	Male	Contact No.	0829349007
Marital Status	Single	E-mail Address	
Dependants	0		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	4743	Unit Number	
Street/Post Office Name	Mokopane	Complex	Percy Fify
Suburb/District		Street Number	3
City/Town	Mokopane	Street/Name of Farm	Uitloop
Postal Code	0600	Suburb/District	Trufrispruit
Country Code	ZA	City/Town	Mokopane
		Postal Code	0600
		Country Code	ZA

Employee Masterfile

8014	Mr Alfred Maleka	Profile : 2000	Status : Terminated
Personal			
Details		Contacts	
Nickname	Alfred	Work Phone No.	0829071405
Start Date	30/05/2019	Home Phone No	
Date of Birth	13/07/1974	Cell Number	0764957667
Identification Number	7407135872083	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	0793223232
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	1		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	1782	Unit Number	House
Street/Post Office Name	Mokopane	Complex	2068
Suburb/District		Street Number	
City/Town	Mokopane	Street/Name of Farm	GaMadiba
Postal Code	0600	Suburb/District	
Country Code	ZA	City/Town	Mokopane
		Postal Code	0600
		Country Code	ZA
Date Left	03/07/2019		
Reason	Resigned		
Tax Cert. Issued	No		
8015	/mr Modicca Thabo Moganelwa	Profile : 2000	Status : Terminated
Personal			
Details		Contacts	
Nickname	Thabo	Work Phone No.	0829071405
Start Date	30/05/2019	Home Phone No	
Date of Birth	13/09/1982	Cell Number	0719487280
Identification Number	8209135626082	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	0733326020
Gender	Male	E-mail Address	
Marital Status	Married		
Dependants	4		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	1112	Unit Number	
Street/Post Office Name	Mokopane	Complex	
Suburb/District		Street Number	12
City/Town	Mokopane	Street/Name of Farm	Mateboge
Postal Code	0600	Suburb/District	
Country Code	ZA	City/Town	Mokopane
		Postal Code	0600
		Country Code	ZA
Date Left	03/07/2019		
Reason	Resigned		
Tax Cert. Issued	No		
8016	Mr Joseph Molapo	Profile : 2000	Status : Terminated

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

Personal

Details

Nickname Joseph
 Start Date 06/06/2019
 Date of Birth 09/03/1990
 Identification Number 9003095568080
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Single
 Dependants 0

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number
 Fax No
 Contact Name
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number 949
 Complex House
 Street Number
 Street/Name of Farm Hospital View
 Suburb/District Mahwelereng
 City/Town Mokopane
 Postal Code 0003
 Country Code ZA

Date Left 03/07/2019
 Reason Resigned
 Tax Cert. Issued No

9000 Mr Phillipos Masome Bopape Profile : 2000 Status : Processed

Personal

Details

Nickname Phillip
 Start Date 24/08/2017
 Date of Birth 01/08/1984
 Identification Number 8408015411082
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Married
 Dependants 4

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0788594283
 Fax No
 Contact Name
 Contact No. 0631952429
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
 Complex Ext
 Street Number 14
 Street/Name of Farm Soshanguve
 Suburb/District Soshanguve
 City/Town
 Postal Code 0152
 Country Code ZA

9001 Mr Munyaradzi Chifema Profile : 2000 Status : Processed

Personal

Details

Start Date 24/08/2017
 Date of Birth 12/04/1986
 Identification Number
 Passport Number PTAW104530412

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0842327597
 Fax No

Employee Masterfile

Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	
Marital Status	Married	E-mail Address	
Dependants	2		

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	Plot
Street Number	34
Street/Name of Farm	Bon Accord
Suburb/District	Bon Accord
City/Town	
Postal Code	0251
Country Code	ZA

9002	Mr Lazarus Chibaya	Profile : 2000	Status : Processed
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Personal**Details**

Start Date	24/08/2017
Date of Birth	05/05/1979
Identification Number	
Passport Number	CN078292
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0789670524
Fax No	
Contact Name	
Contact No.	0743140584
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	Plot
Street Number	68
Street/Name of Farm	Bon Accord
Suburb/District	Bon Accord
City/Town	
Postal Code	0251
Country Code	ZA

9003	Mr Tasiwa Muzembe	Profile : 2000	Status : Processed
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Personal**Details**

Start Date	24/08/2017
Date of Birth	23/06/1987
Identification Number	
Passport Number	CN464236
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	3

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0630872230
Fax No	
Contact Name	
Contact No.	0783190709
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address****Residential Address**

Employee Masterfile

Same as Residential

Unit Number	
Complex	
Street Number	1914
Street/Name of Farm	Zone 1
Suburb/District	Ga-Rankuwa
City/Town	
Postal Code	0251
Country Code	ZA

9004	Mr George Chafa	Profile : 2000	Status : Processed
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Personal**Details**

Start Date	24/08/2017
Date of Birth	12/12/1985
Identification Number	
Passport Number	EN624523
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	3

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0843491328
Fax No	
Contact Name	
Contact No.	0740786528
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	751
Street/Name of Farm	Lekoma
Suburb/District	Ga-Rankuwa
City/Town	
Postal Code	0251
Country Code	ZA

BA001	Mr MS Rasebotsa	Profile : 1000	Status : Processed
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Personal**Details**

Start Date	08/04/2010
Date of Birth	10/07/1966
Identification Number	6607105393082
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Single
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	
Fax No	
Contact Name	
Contact No.	
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	5280
Complex	Unit 27A
Street Number	
Street/Name of Farm	Temba
Suburb/District	Temba
City/Town	
Postal Code	0251
Country Code	ZA

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

BA003	Ms Bernidet Potgieter	Profile : 1000	Status : Processed
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Personal

Details

Nickname Bernidet
 Start Date 26/07/2016
 Date of Birth 12/10/1995
 Identification Number 9510120123087
 Passport Number
 Country of Issue
 Gender Female
 Marital Status Single
 Dependants 2

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0764114476
 Fax No
 Contact Name Koos
 Contact No. 0721539960
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses

Postal Address

Street/PO Box Number 16867
 Street/Post Office Name PTA Noord
 Suburb/District
 City/Town
 Postal Code 0009
 Country Code ZA

Residential Address

Unit Number
 Complex
 Street Number 42
 Street/Name of Farm Patryshoek
 Suburb/District Akasia
 City/Town
 Postal Code 0009
 Country Code ZA

DW003	Mrs Bernice Brits	Profile : 1000	Status : Processed
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Personal

Details

Nickname Bernice
 Start Date 25/02/2010
 Date of Birth 16/07/1982
 Identification Number 8207160013085
 Passport Number
 Country of Issue
 Gender Female
 Marital Status Married
 Dependants 0

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0723362372
 Fax No
 Contact Name Pieter Brits
 Contact No. 083 280 5672
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses

Postal Address

Street/PO Box Number 4025
 Street/Post Office Name Brits
 Suburb/District
 City/Town
 Postal Code 0250
 Country Code ZA

Residential Address

Unit Number
 Complex
 Street Number 80
 Street/Name of Farm Danie Str
 Suburb/District Brits
 City/Town
 Postal Code 0250
 Country Code ZA

DW006	Mrs Elmarie Allen	Profile : 1000	Status : Processed
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Personal

Details

Nickname Elmarie
 Start Date 20/10/2007
 Date of Birth 06/07/1982
 Identification Number 8207060046086
 Passport Number

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0823091670
 Fax No

Employee Masterfile

Country of Issue		Contact Name	
Gender	Female	Contact No.	
Marital Status	Married	E-mail Address	bonaccord.enviro@gmail.com
Dependants	2		

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Street/PO Box Number	69
Street/Post Office Name	De Wildt
Suburb/District	
City/Town	
Postal Code	0251
Country Code	ZA

Residential Address

Unit Number	
Complex	
Street Number	4x4
Street/Name of Farm	Ranch
Suburb/District	
City/Town	De Wildt
Postal Code	0251
Country Code	ZA

DW010	AM Amanda Maria Pretorius	Profile : 1000	Status : Processed
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Personal

Details

Nickname	Amanda
Start Date	01/01/2004
Date of Birth	12/10/1956
Identification Number	5610120005088
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Married
Dependants	0

Contacts

Work Phone No.	1829071405
Home Phone No	
Cell Number	0829259876
Fax No	
Contact Name	
Contact No.	
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Street/PO Box Number	542
Street/Post Office Name	De Wildt
Suburb/District	
City/Town	
Postal Code	0251
Country Code	ZA

Residential Address

Unit Number	
Complex	
Street Number	76
Street/Name of Farm	Waterfront Str
Suburb/District	Schoemansville
City/Town	Hartbeespoort
Postal Code	0260
Country Code	ZA

DW012	Mr Stefan Paul Pretorius	Profile : 1000	Status : Processed
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Personal

Details

Nickname	Stefan
Start Date	01/01/2004
Date of Birth	29/07/1976
Identification Number	7607295002088
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0823355351
Fax No	
Contact Name	Obie Pretorius
Contact No.	0823355351
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

Postal Address

Street/PO Box Number 542
Street/Post Office Name De Wildt
Suburb/District
City/Town
Postal Code 0251
Country Code ZA

Residential Address

Unit Number
Complex
Street Number 54
Street/Name of Farm Viviers Str
Suburb/District Schoemansville
City/Town Hartbeespoort
Postal Code 0260
Country Code ZA

DW013 JM Jacoba Maria Pretorius Profile : 1000 Status : Processed

Personal

Details

Nickname Obie
Start Date 01/05/2006
Date of Birth 06/02/1981
Identification Number 8102061057085
Passport Number
Country of Issue
Gender Female
Marital Status Married
Dependants 2

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0823355351
Fax No
Contact Name Stefan Pretorius
Contact No.
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Street/PO Box Number 542
Street/Post Office Name De Wildt
Suburb/District
City/Town
Postal Code 0251
Country Code ZA

Residential Address

Unit Number
Complex
Street Number 54
Street/Name of Farm Viviers Str
Suburb/District Schoemansville
City/Town Hartbeespoort
Postal Code 0260
Country Code ZA

DW017 Mrs Jocelyn Coetzee Profile : 1000 Status : Processed

Personal

Details

Nickname Jocelyn
Start Date 01/09/2010
Date of Birth 30/05/1957
Identification Number 5705300072088
Passport Number
Country of Issue
Gender Female
Marital Status Married
Dependants 0

Contacts

Work Phone No. 0829071405
Home Phone No 0123792504
Cell Number 0729749749
Fax No
Contact Name Maartin
Contact No. 0826574702
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 916
Street/Name of Farm Maliestraat
Suburb/District Claremont
City/Town
Postal Code 0082
Country Code ZA

Employee Masterfile

DW018	Mrs Anna Maria Cornelia Du Preez	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Annatjie	Work Phone No.	0829071405
Start Date	13/07/2011	Home Phone No	
Date of Birth	11/12/1953	Cell Number	0843674820
Identification Number	5312110077082	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Female	E-mail Address	
Marital Status	Married		
Dependants	0		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	4025	Unit Number	
Street/Post Office Name	Brits	Complex	
Suburb/District		Street Number	6
City/Town		Street/Name of Farm	Langplaas
Postal Code	0250	Suburb/District	Brits
Country Code	ZA	City/Town	
		Postal Code	0250
		Country Code	ZA
DW029	Mr Jan Johannes Gerhardus Van Wyk	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Poen	Work Phone No.	0829071405
Start Date	26/06/2011	Home Phone No	
Date of Birth	13/12/1962	Cell Number	0828216312
Identification Number	6212135003080	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Male	E-mail Address	poenjan@yahoo.com
Marital Status	Single		
Dependants	1		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	60343	Unit Number	
Street/Post Office Name	Karenpark	Complex	
Suburb/District		Street Number	20
City/Town		Street/Name of Farm	Plot
Postal Code	0118	Suburb/District	Strydfontein
Country Code	ZA	City/Town	
		Postal Code	0118
		Country Code	ZA
DW076	Mrs Tharianee Dhaver	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Sindy	Work Phone No.	0829071405
Start Date	31/01/2013	Home Phone No	
Date of Birth	10/02/1979		

Employee Masterfile

Identification Number	7902100186089	Cell Number	0744964218
Passport Number		Fax No	0844871270
Country of Issue		Contact Name	0794945931
Gender	Male	Contact No.	
Marital Status	Married	E-mail Address	
Dependants	3		

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	4
Street/Name of Farm	Reier street
Suburb/District	Brits
City/Town	
Postal Code	0250
Country Code	ZA

DW077	Mr Nishen Dorasamy Dhaver	Profile : 1000	Status : Processed
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Personal

Details

Nickname	Dhaver
Start Date	11/03/2013
Date of Birth	19/05/1978
Identification Number	7805195004085
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	3

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0794945931
Fax No	
Contact Name	0844871270
Contact No.	
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	4
Street/Name of Farm	Reier Street
Suburb/District	Brits
City/Town	
Postal Code	0250
Country Code	ZA

DW088	Mrs Karen Nicholson	Profile : 1000	Status : Processed
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Personal

Details

Nickname	Karen
Start Date	25/09/2014
Date of Birth	04/11/1987
Identification Number	8711040118089
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0125620383
Home Phone No	
Cell Number	0720677368
Fax No	
Contact Name	
Contact No.	
E-mail Address	karen.enviro@gmail.com

Preferences

Mobility	No
Income Verification	Yes

Employee Masterfile

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 916
 Street/Name of Farm Maliestraat
 Suburb/District Claremont
 City/Town Pretoria
 Postal Code 0082
 Country Code ZA

DW092 **Mr Phillip Khalo** **Profile : 1000** **Status : Processed**

Personal**Details**

Nickname Phillip
 Start Date 23/05/2016
 Date of Birth 28/05/1966
 Identification Number 6605285619086
 Passport Number
 Country of Issue
 Gender Male
 Marital Status Married
 Dependants 2

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0839909381
 Fax No
 Contact Name
 Contact No. 0828586369
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 2795
 Street/Name of Farm U Extension
 Suburb/District Mabopane
 City/Town
 Postal Code 0190
 Country Code ZA

DW093 **Ms Vanessa Barnard** **Profile : 1000** **Status : Processed**

Personal**Details**

Nickname Vanessa
 Start Date 25/06/2016
 Date of Birth 22/03/1996
 Identification Number 9603220078085
 Passport Number
 Country of Issue
 Gender Female
 Marital Status Single
 Dependants 0

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0794894094
 Fax No
 Contact Name
 Contact No. 0825743762
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses**Postal Address**

Street/PO Box Number 2127
 Street/Post Office Name Xanudu X-sing
 Suburb/District Ifafi
 City/Town
 Postal Code 0279
 Country Code ZA

Residential Address

Unit Number
 Complex
 Street Number 68
 Street/Name of Farm Melvic Church str
 Suburb/District Pelindaba
 City/Town

Employee Masterfile

		Postal Code	0279
		Country Code	ZA
DW096	Mr Charl Steenkamp	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Charl	Work Phone No.	0828213112
Start Date	25/03/2017	Home Phone No	
Date of Birth	06/06/1993	Cell Number	0719291288
Identification Number	9306065074082	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	0824924623
Gender	Male	E-mail Address	charl.enviro@gmail.com
Marital Status	Single		
Dependants	0		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	1552	Unit Number	
Street/Post Office Name	Springs	Complex	
Suburb/District		Street Number	
City/Town		Street/Name of Farm	Cnr Elsa & Weir Str
Postal Code	1559	Suburb/District	PTA Gardens
Country Code	ZA	City/Town	Pretoria
		Postal Code	0001
		Country Code	ZA
DW097	Mr Jaco Allen	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Jaco	Work Phone No.	0829071405
Start Date	25/03/2017	Home Phone No	
Date of Birth	05/09/1980	Cell Number	0781609647
Identification Number	8009055295086	Fax No	
Passport Number		Contact Name	Elmarie
Country of Issue		Contact No.	0766472265
Gender	Male	E-mail Address	
Marital Status	Married		
Dependants	4		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	34
		Street/Name of Farm	Appelblaar str
		Suburb/District	Melodie
		City/Town	Hartbeespoort
		Postal Code	0216
		Country Code	ZA
DW099	Mr Frederik Wilhelm Coenraad Buitendag	Profile : 1000	Status : Processed (Terminated)
Personal			
Details		Contacts	
Nickname	Frikkie		

Employee Masterfile

Start Date	25/05/2017	Work Phone No.	0829071405
Date of Birth	18/03/1963	Home Phone No	
Identification Number	6303185084086	Cell Number	0826806090
Passport Number		Fax No	
Country of Issue		Contact Name	
Gender	Male	Contact No.	0646576101
Marital Status	Married	E-mail Address	frikkie.enviro@gmail.com
Dependants	2		

Preferences

Mobility	No
Income Verification	No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	986
Street/Name of Farm	Wilhelm str
Suburb/District	Claremont
City/Town	Pretoria
Postal Code	0082
Country Code	ZA

Date Left	12/07/2019
Reason	Resigned
Tax Cert. Issued	No

DW100	Mrs Amari Strydom	Profile : 1000	Status : Processed
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Personal**Details**

Nickname	Amari
Start Date	25/06/2017
Date of Birth	20/12/1987
Identification Number	8712200086082
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Married
Dependants	1

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0828586476
Fax No	
Contact Name	
Contact No.	0829259876
E-mail Address	amari.enviro@gmail.com

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	16
Street/Name of Farm	Greasy Pine
Suburb/District	Hartbeespoort
City/Town	
Postal Code	0261
Country Code	ZA

DW102	Mr Charles Rhodes Oosthuizen	Profile : 1000	Status : Processed
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Personal**Details**

Nickname	Charles
Start Date	20/09/2017
Date of Birth	29/05/1986
Identification Number	8605295241085
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0829065810
Fax No	
Contact Name	
Contact No.	0768519132
E-mail Address	

Employee Masterfile

Dependants 1

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 166
Street/Name of Farm Basden Avn
Suburb/District Centurion
City/Town Pretoria
Postal Code 0001
Country Code ZA

DW103 Mr Henry Louwrens Profile : 1000 Status : Processed

Personal

Details

Start Date 01/09/2017
Date of Birth 26/04/1981
Identification Number 8104265161085
Passport Number
Country of Issue
Gender Male
Marital Status Married
Dependants 2

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0823162088
Fax No
Contact Name
Contact No. 0658781955
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 5
Street/Name of Farm Markie str
Suburb/District Brits
City/Town
Postal Code 0250
Country Code ZA

DW104 Mr Theodorus Louis Le Roux Profile : 1000 Status : Processed

Personal

Details

Nickname Doors
Start Date 10/09/2017
Date of Birth 29/03/1962
Identification Number 6203295119089
Passport Number
Country of Issue
Gender Male
Marital Status Single
Dependants 0

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0796266744
Fax No
Contact Name
Contact No.
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Street/PO Box Number 526

Residential Address

Unit Number

Employee Masterfile

Street/Post Office Name	De Wildt	Complex	
Suburb/District	De Wildt	Street Number	44
City/Town		Street/Name of Farm	Plot
Postal Code	0251	Suburb/District	Strydfontein
Country Code	ZA	City/Town	
		Postal Code	0251
		Country Code	ZA

DW105	Mrs Liesel Strauss	Profile : 1000	Status : Processed
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Personal

Details

Nickname	Liesel
Start Date	12/10/2017
Date of Birth	25/03/1977
Identification Number	7703250118082
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0846128138
Fax No	
Contact Name	Kobus
Contact No.	0767936396
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	43
Street/Name of Farm	Kleinste str
Suburb/District	Hartbeespoort
City/Town	
Postal Code	0261
Country Code	ZA

DW106	Mr Andre Meyer	Profile : 1000	Status : Processed (Terminated)
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Personal

Details

Nickname	Andre
Start Date	23/10/2017
Date of Birth	02/03/1992
Identification Number	9203025385080
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Single
Dependants	0

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0723315780
Fax No	
Contact Name	
Contact No.	0605252442
E-mail Address	

Preferences

Mobility	No
Income Verification	No

Addresses

Postal Address

Street/PO Box Number	1576
Street/Post Office Name	Ifafi
Suburb/District	Hartbeespoort
City/Town	
Postal Code	0260
Country Code	ZA

Residential Address

Unit Number	
Complex	
Street Number	374
Street/Name of Farm	Xanadu Boulevard
Suburb/District	Hartbeespoort
City/Town	
Postal Code	0260
Country Code	ZA

Date Left	11/07/2019
Reason	Retrenched
Tax Cert. Issued	No

Employee Masterfile

DW107	Mr Johannes Benjamin Strydom	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Brian	Work Phone No.	0829071405
Start Date	25/10/2017	Home Phone No	
Date of Birth	26/04/1979	Cell Number	0721804905
Identification Number	7904265075081	Fax No	
Passport Number		Contact Name	Amari
Country of Issue		Contact No.	0828586476
Gender	Male	E-mail Address	
Marital Status	Married		
Dependants	3		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Street/PO Box Number	508	Unit Number	
Street/Post Office Name	Hartbeespoort	Complex	
Suburb/District	Hartbeespoort	Street Number	16
City/Town	Hartbeespoort	Street/Name of Farm	Creaky Pine
Postal Code	0216	Suburb/District	Melodie
Country Code	ZA	City/Town	Hartbeespoort
		Postal Code	0216
		Country Code	ZA
DW111	Mr Johannes Hendrikus Buitendag	Profile : 1000	Status : Processed (Terminated)
Personal			
Details		Contacts	
Start Date	12/04/2018	Work Phone No.	0829071405
Date of Birth	12/03/1987	Home Phone No	
Identification Number	8703125124082	Cell Number	0743118334
Passport Number		Fax No	
Country of Issue		Contact Name	
Gender	Male	Contact No.	0798362629
Marital Status	Single	E-mail Address	
Dependants	2		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	988
		Complex	Wilhelm
		Street Number	
		Street/Name of Farm	Booyens
		Suburb/District	Pretoria
		City/Town	Pretoria
		Postal Code	0082
		Country Code	ZA
Date Left	12/07/2019		
Reason	Resigned		
Tax Cert. Issued	No		
DW113	Mr William Martin Alley	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Alley		

Employee Masterfile

Start Date	26/09/2018	Work Phone No.	0829071405
Date of Birth	12/03/1985	Home Phone No	
Identification Number	8503125119086	Cell Number	0798150598
Passport Number		Fax No	
Country of Issue		Contact Name	
Gender	Male	Contact No.	0645160249
Marital Status	Married	E-mail Address	alley.enviro@gmail.com
Dependants	3		

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	45
Street/Name of Farm	Nightingale Street
Suburb/District	Rua Vista Centurion
City/Town	
Postal Code	0157
Country Code	ZA

DW114	Mrs Sunette Erasmus	Profile : 1000	Status : Processed
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Personal**Details**

Nickname	Sunette
Start Date	07/01/2019
Date of Birth	06/10/1981
Identification Number	8110060129086
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0825588163
Fax No	
Contact Name	
Contact No.	0825019117
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	7C
Complex	Cable View
Street Number	
Street/Name of Farm	Hartbeespoort
Suburb/District	Hartbeespoort
City/Town	
Postal Code	0216
Country Code	ZA

DW115	Mrs Mary Magdalena Den Engelsman	Profile : 1000	Status : Processed
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Personal**Details**

Nickname	Mary
Start Date	04/03/2019
Date of Birth	18/11/1967
Identification Number	6711180001089
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Divorced
Dependants	0

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0832569453
Fax No	
Contact Name	Liza Page
Contact No.	0824338606
E-mail Address	

Preferences

Employee Masterfile

Mobility No
Income Verification No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
Complex
Street Number 110
Street/Name of Farm Malherbestraat
Suburb/District Capital Park
City/Town Capital Park
Postal Code 0084
Country Code ZA

DW116 **Mr Tyrone Brian Steyn** **Profile : 1000** **Status : Processed**

Personal**Details**

Nickname Tyrone
Start Date 11/03/2019
Date of Birth 20/06/1979
Identification Number 7906205093082
Passport Number
Country of Issue
Gender Male
Marital Status Married
Dependants 2

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0823162088
Fax No
Contact Name
Contact No.
E-mail Address

Preferences

Mobility No
Income Verification No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
Complex
Street Number 16c
Street/Name of Farm Cable Way
Suburb/District Melodie
City/Town Hartbeespoort
Postal Code 0261
Country Code ZA

DW117 **Mrs Leigh Douglas** **Profile : 1000** **Status : Processed (Terminated)**

Personal**Details**

Nickname Leigh
Start Date 15/04/2019
Date of Birth 03/01/1998
Identification Number 9801030124087
Passport Number
Country of Issue
Gender Female
Marital Status Single
Dependants 0

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0715452613
Fax No
Contact Name
Contact No. 0636865279
E-mail Address

Preferences

Mobility No
Income Verification No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
Complex
Street Number 42

Employee Masterfile

		Street/Name of Farm	Plot
		Suburb/District	Syferfontein
		City/Town	Hartbeespoort
		Postal Code	0216
		Country Code	ZA
Date Left	02/07/2019		
Reason	Resigned		
Tax Cert. Issued	No		

DW118	Mrs Gillianne Marie O Donnell	Profile : 1000	Status : Processed
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Personal**Details**

Nickname Gillianne
 Start Date 02/04/2019
 Date of Birth 16/10/1984
 Identification Number 8410160250083
 Passport Number
 Country of Issue
 Gender Female
 Marital Status Married
 Dependants 2

Contacts

Work Phone No. 0829071405
 Home Phone No.
 Cell Number 0670759853
 Fax No.
 Contact Name
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 92
 Street/Name of Farm Bosbok
 Suburb/District Waterval
 City/Town
 Postal Code 0001
 Country Code ZA

DW119	Mr Mureza Mangezi	Profile : 1000	Status : Processed
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Personal**Details**

Nickname Mureza
 Start Date 25/04/2019
 Date of Birth 03/02/1980
 Identification Number
 Passport Number DN647517
 Country of Issue ZWE
 Gender Male
 Marital Status Married
 Dependants 3

Contacts

Work Phone No. 0829071405
 Home Phone No.
 Cell Number 0746964791
 Fax No.
 Contact Name
 Contact No. 0625749064
 E-mail Address

Preferences

Mobility No
 Income Verification No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number 3858
 Complex
 Street Number
 Street/Name of Farm New Town
 Suburb/District New Town
 City/Town Mmakau
 Postal Code 0194
 Country Code ZA

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

DW120	Mrs Vanessa De Castro	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Vanessa	Work Phone No.	0829071405
Start Date	01/07/2019	Home Phone No	
Date of Birth	17/01/1984	Cell Number	0798784579
Identification Number	8401170069084	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Female	E-mail Address	
Marital Status	Single		
Dependants	2		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	59 2
		Street/Name of Farm	Beethoven str
		Suburb/District	Melodie
		City/Town	Hartbeespoort
		Postal Code	0261
		Country Code	ZA
DW121	Ms Melandri Orton	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Melandri	Work Phone No.	0823355351
Start Date	09/07/2019	Home Phone No	
Date of Birth	06/08/1996	Cell Number	0646244034
Identification Number	9608060072080	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	0810993380
Gender	Female	E-mail Address	
Marital Status	Single		
Dependants	0		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	1050
		Street/Name of Farm	Rainbow Trout str
		Suburb/District	Garsfontein
		City/Town	Pretoria
		Postal Code	0081
		Country Code	ZA
DW421	Mr George Monga Motlhope	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	George	Work Phone No.	0829071405
Start Date	27/04/2017	Home Phone No	
Date of Birth	05/12/1991	Cell Number	0726388303
Identification Number	9112055317089	Fax No	
Passport Number			

Employee Masterfile

Country of Issue		Contact Name	
Gender	Male	Contact No.	
Marital Status	Single	E-mail Address	
Dependants	0		

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Street/PO Box Number	10
Street/Post Office Name	Tree str
Suburb/District	The Orchards
City/Town	
Postal Code	2001
Country Code	ZA

Residential Address

Unit Number	
Complex	
Street Number	4995
Street/Name of Farm	Spoor View
Suburb/District	Mmakau
City/Town	Garankuwa
Postal Code	0289
Country Code	ZA

EP001	Mr Beyers Van Eyk Van Staden	Profile : 1000	Status : Processed
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Personal

Details

Nickname	Van Eyk
Start Date	29/05/2013
Date of Birth	13/07/1966
Identification Number	6607135031082
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	1

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0716108284
Fax No	
Contact Name	
Contact No.	0786318061
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Postal Address

Street/PO Box Number	4743
Street/Post Office Name	Mokopane
Suburb/District	
City/Town	
Postal Code	0600
Country Code	ZA

Residential Address

Unit Number	
Complex	
Street Number	22
Street/Name of Farm	Protea Str
Suburb/District	Mokopane
City/Town	
Postal Code	0600
Country Code	ZA

EP002	Mrs Elsie Johanna Jacoba Van Staden	Profile : 1000	Status : Processed
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Personal

Details

Start Date	29/05/2013
Date of Birth	01/05/1969
Identification Number	6905010166084
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Married
Dependants	1

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0722633338
Fax No	
Contact Name	
Contact No.	0723845859
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

Postal Address

Street/PO Box Number 4743
 Street/Post Office Name Mokopane
 Suburb/District
 City/Town
 Postal Code 0600
 Country Code ZA

Residential Address

Unit Number
 Complex
 Street Number 22
 Street/Name of Farm Protea str
 Suburb/District Mokopane
 City/Town
 Postal Code 0600
 Country Code ZA

EP003 **Ms Luandi Marais** **Profile : 1000** **Status : Processed**

Personal

Details

Nickname Lulu
 Start Date 14/02/2018
 Date of Birth 28/01/1993
 Identification Number 9301280008080
 Passport Number
 Country of Issue
 Gender Female
 Marital Status Single
 Dependants 0

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0721005746
 Fax No
 Contact Name
 Contact No. 0820884277
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses

Postal Address

Street/PO Box Number 4743
 Street/Post Office Name Mokopane
 Suburb/District
 City/Town
 Postal Code 0600
 Country Code ZA

Residential Address

Unit Number
 Complex
 Street Number 3
 Street/Name of Farm Uitloop
 Suburb/District Percy Five
 City/Town Mokopane
 Postal Code 0600
 Country Code ZA

ET001 **Mr Robert Nyamwanza** **Profile : 1000** **Status : Processed**

Personal

Details

Nickname Robert
 Start Date 01/07/2017
 Date of Birth 07/02/1981
 Identification Number
 Passport Number EN559068
 Country of Issue ZWE
 Gender Male
 Marital Status Married
 Dependants 3

Contacts

Work Phone No. 0829071405
 Home Phone No
 Cell Number 0721905824
 Fax No
 Contact Name
 Contact No.
 E-mail Address

Preferences

Mobility No
 Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
 Complex
 Street Number 56
 Street/Name of Farm Ext Boitekong
 Suburb/District Rustenburg
 City/Town
 Postal Code 0300
 Country Code ZA

Envirocycle - Envirocycle De Wildt (PTY) Ltd

Employee Masterfile

ET003	Mr Auther Mazikana	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Auther	Work Phone No.	0829071405
Start Date	01/07/2017	Home Phone No	
Date of Birth	10/02/1979	Cell Number	0617786838
Identification Number		Fax No	
Passport Number	CN467771	Contact Name	
Country of Issue	ZWE	Contact No.	0793298087
Gender	Male	E-mail Address	
Marital Status	Married		
Dependants	4		
Preferences			
Mobility	No		
Income Verification	Yes		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	8
		Street/Name of Farm	Portion 8 of the Farm
		Suburb/District	Krelingspost
		City/Town	De Wildt
		Postal Code	0251
		Country Code	ZA
ET004	Mr Clemence Rangani	Profile : 1000	Status : Terminated
Personal			
Details		Contacts	
Nickname	Clemence	Work Phone No.	0829071405
Start Date	01/07/2017	Home Phone No	
Date of Birth	25/06/1987	Cell Number	0719554092
Identification Number		Fax No	
Passport Number	CN443945	Contact Name	
Country of Issue	ZWE	Contact No.	0842530532
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	1		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	
		Complex	
		Street Number	2
		Street/Name of Farm	67 Rooiwal
		Suburb/District	Pretoria North
		City/Town	
		Postal Code	0001
		Country Code	ZA
Date Left	06/05/2019		
Reason	Resigned		
Tax Cert. Issued	No		
ET007	Mr Lovemore Sibanda	Profile : 1000	Status : Processed (Terminated)
Personal			
Details		Contacts	

Employee Masterfile

Nickname	Lovemore		
Start Date	05/01/2018	Work Phone No.	0829071405
Date of Birth	16/11/1980	Home Phone No	
Identification Number		Cell Number	0844955036
Passport Number	24141334G24	Fax No	
Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	0621928733
Marital Status	Married	E-mail Address	
Dependants	3		

Preferences

Mobility	No
Income Verification	No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	E3940
Street/Name of Farm	Newtow
Suburb/District	Newtow
City/Town	Mmakau
Postal Code	0194
Country Code	ZA

Date Left	12/07/2019
Reason	Retrenched
Tax Cert. Issued	No

ET011	Mr Joseph Sihlangu	Profile : 1000	Status : Terminated
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Personal**Details**

Start Date	03/08/2018
Date of Birth	19/08/1966
Identification Number	6608195495084
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	3

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0607601097
Fax No	
Contact Name	
Contact No.	0609807466
E-mail Address	

Preferences

Mobility	No
Income Verification	No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	391
Complex	Ext 1
Street Number	
Street/Name of Farm	Boitekong
Suburb/District	Paardekraal
City/Town	Rustenburg
Postal Code	0208
Country Code	ZA

Date Left	26/02/2019
Reason	Transfer to another branch
Tax Cert. Issued	No

ET012	Mr Rodney Stoddart	Profile : 1000	Status : Processed (Terminated)
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Personal**Details**

Start Date	03/08/2018
Date of Birth	16/07/1982
Identification Number	
Passport Number	24227732

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0787340655
Fax No	

Employee Masterfile

Country of Issue	ZWE	Contact Name	
Gender	Male	Contact No.	0785322087
Marital Status	Married	E-mail Address	
Dependants	0		

Preferences

Mobility	No
Income Verification	No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	
Complex	
Street Number	146
Street/Name of Farm	Kooperasie
Suburb/District	Brits
City/Town	
Postal Code	0250
Country Code	ZA

Date Left	12/07/2019
Reason	Retrenched
Tax Cert. Issued	No

ET013	Mr Darlington Mangodza	Profile : 1000	Status : Processed (Terminated)
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Personal

Details

Start Date	16/08/2018
Date of Birth	25/07/1977
Identification Number	
Passport Number	BN991615
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	6

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0618941109
Fax No	
Contact Name	
Contact No.	0744699985
E-mail Address	

Preferences

Mobility	No
Income Verification	No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number	14 EC
Complex	Slosecha
Street Number	E8578A
Street/Name of Farm	Mmakau
Suburb/District	Mmakau
City/Town	
Postal Code	0251
Country Code	ZA

Date Left	12/07/2019
Reason	Retrenched
Tax Cert. Issued	No

ET014	Mr Lazarus Chagondah	Profile : 1000	Status : Processed (Terminated)
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Personal

Details

Start Date	07/08/2018
Date of Birth	23/10/1951
Identification Number	
Passport Number	24039859F07
Country of Issue	ZWE
Gender	Male
Marital Status	Married
Dependants	4

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0732817383
Fax No	
Contact Name	
Contact No.	0848710369
E-mail Address	

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Employee Masterfile

Preferences

Mobility No
Income Verification No

Addresses

Postal Address

Same as Residential

Date Left 12/07/2019
Reason Retrenched
Tax Cert. Issued No

Residential Address

Unit Number
Complex
Street Number 117
Street/Name of Farm Ramogodi
Suburb/District Ga Rankuwa
City/Town
Postal Code 0251
Country Code ZA

ET015 **Mr Washington Kasumba** **Profile : 1000** **Status : Processed (Terminated)**

Personal

Details

Nickname Washington
Start Date 04/06/2019
Date of Birth 10/04/1975
Identification Number
Passport Number CN51809963898607T4
Country of Issue ZWE
Gender Male
Marital Status Single
Dependants 0

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0843430050
Fax No
Contact Name
Contact No.
E-mail Address

Preferences

Mobility No
Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 1
Street/Name of Farm Driezel
Suburb/District Orange Farm
City/Town
Postal Code 0250
Country Code ZA

Date Left 12/07/2019
Reason Retrenched
Tax Cert. Issued No

ET016 **Mr Remember Tsundzukani Ngobeni** **Profile : 1000** **Status : Processed**

Personal

Details

Nickname Remember
Start Date 17/07/2019
Date of Birth 03/08/1990
Identification Number 9008035870082
Passport Number
Country of Issue
Gender Male
Marital Status Single
Dependants 1

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0731906767
Fax No
Contact Name
Contact No. 0731436173
E-mail Address

Preferences

Mobility No
Income Verification No

Employee Masterfile

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number 4238
Complex Ext 4
Street Number
Street/Name of Farm South
Suburb/District Soshanguve South
City/Town Soshanguve
Postal Code 0152
Country Code ZA

ET017 Mr Masele Johannes Mashala Profile : 1000 Status : Processed

Personal

Details

Nickname Johannes
Start Date 17/07/2019
Date of Birth 25/11/1985
Identification Number 8511255849083
Passport Number
Country of Issue
Gender Male
Marital Status Single
Dependants 2

Contacts

Work Phone No. 0829071405
Home Phone No
Cell Number 0633731447
Fax No
Contact Name
Contact No. 0826051823
E-mail Address

Preferences

Mobility No
Income Verification No

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number 517
Complex Zone 1
Street Number
Street/Name of Farm Garankuwa
Suburb/District Garankuwa
City/Town
Postal Code 0208
Country Code ZA

OP001 Mrs Grace Moipone Kgasu Profile : 1000 Status : Processed

Personal

Details

Nickname Grace
Start Date 26/12/2012
Date of Birth 14/09/1961
Identification Number 6109140311088
Passport Number
Country of Issue
Gender Female
Marital Status Single
Dependants 2

Contacts

Work Phone No. 0823355351
Home Phone No
Cell Number 0823355351
Fax No
Contact Name
Contact No.
E-mail Address

Preferences

Mobility No
Income Verification Yes

Addresses

Postal Address

Same as Residential

Residential Address

Unit Number
Complex
Street Number 1029
Street/Name of Farm Birdwood Estate
Suburb/District Ifafi
City/Town

Employee Masterfile

		Postal Code	0251
		Country Code	ZA
PL001	Mrs M S Madibela	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Salomina	Work Phone No.	0829071405
Start Date	25/05/2019	Home Phone No	
Date of Birth	21/06/1975	Cell Number	0607443068
Identification Number	7506210859087	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Female	E-mail Address	
Marital Status	Single		
Dependants	0		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	1032
		Complex	House
		Street Number	X2
		Street/Name of Farm	Maropane
		Suburb/District	Lephalale
		City/Town	
		Postal Code	470010
		Country Code	ZA

PL002	Mr M Ndlovu	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Andries	Work Phone No.	0829071405
Start Date	25/05/2019	Home Phone No	
Date of Birth	24/08/1986	Cell Number	7664350639
Identification Number	8608241345083	Fax No	
Passport Number		Contact Name	
Country of Issue		Contact No.	
Gender	Male	E-mail Address	
Marital Status	Single		
Dependants	0		
Preferences			
Mobility	No		
Income Verification	No		
Addresses			
Postal Address		Residential Address	
Same as Residential		Unit Number	1742
		Complex	Mangopeni
		Street Number	
		Street/Name of Farm	Ga Rankuwa
		Suburb/District	Ga Rankuwa
		City/Town	
		Postal Code	0250
		Country Code	ZA

PL003	Mr Moses Mathebathe	Profile : 1000	Status : Processed
Personal			
Details		Contacts	
Nickname	Isamael		

Employee Masterfile

Start Date	25/05/2019	Work Phone No.	0829071405
Date of Birth	13/08/1996	Home Phone No	
Identification Number	9608135750082	Cell Number	0760282360
Passport Number		Fax No	
Country of Issue		Contact Name	
Gender	Male	Contact No.	
Marital Status	Single	E-mail Address	
Dependants	0		

Preferences

Mobility	No
Income Verification	No

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	250655
Complex	
Street Number	
Street/Name of Farm	Ga Rankuwa
Suburb/District	Ga Rankuwa
City/Town	
Postal Code	0250
Country Code	ZA

R004	Mrs Mariska Louwrens	Profile : 1000	Status : Processed
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Personal**Details**

Nickname	Mariska
Start Date	28/05/2018
Date of Birth	18/11/1981
Identification Number	8111180108083
Passport Number	
Country of Issue	
Gender	Female
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0658781955
Fax No	
Contact Name	
Contact No.	0609937889
E-mail Address	

Preferences

Mobility	No
Income Verification	Yes

Addresses**Postal Address**

Same as Residential

Residential Address

Unit Number	7
Complex	Cornell Place
Street Number	
Street/Name of Farm	Geelhoutpark
Suburb/District	Geelhoutpark
City/Town	Rustenburg
Postal Code	0300
Country Code	ZA

R007	Mr Jacob Nicolaas Johannes Viljoen	Profile : 1000	Status : Processed
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Personal**Details**

Start Date	26/02/2019
Date of Birth	02/05/1975
Identification Number	7505025202087
Passport Number	
Country of Issue	
Gender	Male
Marital Status	Married
Dependants	2

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	
Fax No	
Contact Name	
Contact No.	
E-mail Address	

Preferences

Mobility	No
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Addresses

Residential Address

Unit Number	
Complex	
Street Number	95
Street/Name of Farm	Plot
Suburb/District	Rietvlei
City/Town	Rietvlei
Postal Code	0300
Country Code	ZA

Personal

Contacts

Work Phone No.	0829071405
Home Phone No	
Cell Number	0826803654
Fax No	
Contact Name	
Contact No.	0825502439
E-mail Address	

Mobility	No
Income Verification	No

Residential Address

Unit Number	
Complex	Plot
Street Number	239
Street/Name of Farm	Waterkloof
Suburb/District	Rustenburg
City/Town	Rustenburg
Postal Code	0299
Country Code	ZA

----- End of Report -----

Appendix 2

10

HUISE TE KOOP
HOUSES FOR SALE

FOR sale: 4 Bedroom house, 2½ bathroom, 2 x outside rooms with outside bathroom. Business premises + offices. Swimming-pool, lapa, parking for 8 vehicles, 2000 squares. Complete re-novate. R1.8 mil (private sale). Ner-est offer. 072 281 3281.

12

ERWE TE KOOP
STANDS FOR SALE

STAND for sale. Ext 2 Lethabile R98 000. Isaiah 083 368 5863.

13

PLOTTE/PLASE TE KOOP
PLOTS/FARMS FOR SALE

PIETER 1. Prag 1,5 ha bos langs Krokodilrivier, groot dubbelverdiepingwoning met 2-slaap-kamerwoning. Asemrowende uitsig. R1,4m 2. Lodge net buite Brits! Restaurant, swembad, huis, verskeie chalets, karavaan-park! R5,5m 3. Prag 14 ha Bos-veld, dubbelverdieping grasdak-woning, swembad R1,6m. 4. 10 Ha besproeiingsplase, spilpunt, dam en inlysting R1,4m. Plote en Plase geval! Pieter 083 458 3888.

SOEK grond om te huur of te koop ±20 ha met water. 072 183 5249.

14A

BESIGHEIDSPERSELE TE HUUR
BUSINESS PREMISES TO LET

WILLIE Stander. Netjiese ruim kantoorspasie te huur in Seil-ing Sentrum, Pienaarsstraat. Huur R5 500 p.m. Kontak: Willie Stander. 082 490 3297. Kantoor: 012 252 2778.

15

ALGEMEEN TE KOOP
MISCELLANEOUS FOR SALE

VERKOOP van geplante gras, ronde bale. Tel 083 311 5573 Nick.

SOJABOON bale te koop R20 per baal. Koos Botha 084 207 9281.

17A

VERVOER
TRANSPORT

SOEK vervoer vanaf Sonop na H/S Vagpos en terug. Kontak Hendrik 067 636 7740 (W/app ook beskikbaar).

ML TRAILER Hire. Verhuur alle tipe trailers. H/V Hendrik Verwoerd & Daniëlsstraat (TB2 Pad). Skakel 083 757 0815, 084 466 5056.

ENIGE vervoer teen goeie pryse en enige trekke en meubels. Kontak Henry by 076 889 4426.

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083 454 8427

20

DIERE
ANIMALS

ONS verwyder gratis karkasse van beeste of perde wat op u plaas gevrek het waarna die beesvelle binne 24-uur weer by die park deur u gehaal kan word. Skakel Hartbeespoort Slag-en Diere park. Dag 012 253 1162, n.u. 082 781 8499.

JAAG van koedoes, rooibokke in Koster. Tel 083 311 5573 Nick.

HOENDERS Gesonde vry lo-pende hennie en hane. Ook hennie met kuikens. 082 819 2150.

3 X 6 maande oue wit Duitse Herder reuns te koop. Prys R500 elk. Skakel Helen 082 372 9920.

15

ALGEMEEN TE KOOP
MISCELLANEOUS FOR SALE

20

DIERE
ANIMALS

WEIMERANER puppies avail-able 10 July, 7 male, 1 female. R2 500, R2 000. Whatsapp 076 817 1348.

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23

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PC Rehab. Friendly technician. Call-out, including fault finding R200,00; Spares not included. Kendelle Pieters 072 504 5687, 012 252 1431.

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5m³ Rooibousand R1250

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23

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ROCK of Springs Brits is open and accredited with MICT,QCTO,SETA and DHET. The Mafikeng branch has been closed awaiting accreditation, and will be moniterd by the Head office in Brits nw by the standards of the Department of Higher Education. The Head of-ice has been upgraded and now give professional service to the clients. We offer all N courses in Engineering and Business Management, IT and PC Engi-neering and computer courses with an ICDL Certificate. Mining courses is available, as well as Trade Test. A professional team is there to assist you. Contact us: 012 252 1028 / 062 762 4281.

HET jy enige alledaagse handyman. Werk in en om die huis, wat moet gedoen word asook laai en wegy van scrap, bourommel, tuinafval of selfs staalwerk of hout projekte, ek kom graag uit en ons gesels. My nr: 065 970 3038.

161830 5/7-12/7

23

SPESIALE DIENSTE
SPECIAL SERVICES

PLANMAKER Ondernemings spesialiseer in droë mure, aanbouings, plavei / verf / bou / loodgieterswerk/ geisers, aid-akke en deure hang. Ons doen alles. Kontak Ferdie 083 960 7575.

161814 5/7-19/7

24

VAKANSIE-OORDE
HOLIDAY RESORTS

MARGATE. Woonstel slaap 6, 100m vanaf hooftstrand. Vanaf R350 per nag. Tel 084 616 0067.

131097 11/4 AC/TC

25A

BOEDELKENNISGEWINGS
ESTATE NOTICES

ESTATES

Lvp

For assistance contact
Liza de Clercq
012 - 252 7534

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Kennisgewings / Legals

Kennisgewings / Legals

KENNISGEWING IN DIE LANDDROSHOF VIR DIE DISTRIK VAN MADIBENG GEHOU TE BRITS. SAAKNOMMER: 524/2019 In die saak tussen: MICHAEL DELPORT PROPERTIES (EDMS) BPK EISER en BERNADINE ALISON MOUTON VERWEERDER. KENNISGEWING VAN GEREGTELIKE VERKOPING. TEN UITVOERLEGGING van 'n Vonnis van die Landdros, BRITS, gedateer 25 April 2019 sal ondervermelde goedere om 11h00 op 23 Julie 2019 per publieke veiling op die perseel van die Balju te BALJU - VEILING-SLOKAAL, LUDORFSTRAAT 62, BRITS. Deur die BALJU vir die Landdros of van BRITS aan die hoogste bieder vir kontant verkoop word, naamlik: 1 x Hoekbank, 1 x Koffietafel, 2 x Banke, 2 x Stoele, 2 x Ronde tafels, 1 x Yskas, 1 x Kitaar, 1 x Plasma TV, 1 x Plasma stander, 1 x Mikrogolfoond, 1 x Vrieskas, 1 x Wasmasjien, 1 x As-blik, 1 x Mat. GEDATEER TE BRITS OP HEDE DIE 1ste DAG VAN JULIE 2019. GET. JC VAN RHYN. PROKUREURS VIR EISER. VAN RHYN PROKUREURS. VAN VELDENSTRAAT 41 BRITS 0250 TEL: 082 376 4248 (VERW:JVR/MDP000)

NOTICE IN THE MAGISTRATE'S COURT FOR THE DISTRICT OF MADIBENG HELD AT BRITS. CASE NUMBER: 1236/19 In the matter between: HARTBEESPOORT IRRIGATION BOARD EXECUTION CREDITOR AND EVENINGSIDE PROPERTY CC EXECUTION DEBTOR. NOTICE OF SALE IN EXECUTION. TAKE NOTICE THAT in pursuance of a judgment of the Magistrate's Court Brits, the undermentioned goods will be sold by public auction, for cash only, on 18 July 2019, at 11:00 AT PORTION 221 OF THE FARM HARTBEESPOORT, C419 JQ, NORTH WEST, to the highest bidder; 1. 1 x Massey Ferguson 275 Tractor; 2. 1 x John Deere 4-RY Planter; 3. 1 x Fiat Tractor 5546; 4. 1 x Cutting Machine; 5. 1 x Poison Syringe; 6. 1 x 2 x Deef Trailer; 7. 1 x Bale Machine; 8. 2 x disse; 9. 1 x Slasher; 10. 1 x Generator; 11. 1 x Rotavator; 12. 1 x Lucern Rake; 13. 1 x 3 Skaar Plough. Signed at Brits on this 21st day of June 2019. (SGD) LOURENS ATTORNEYS ATTORNEYS FOR THE JUDGMENT CREDITOR, 30 LUDORF STREET BRITS 0250 TEL: 012 252 0693 FAX: 012 252 1806 EMAIL: hof3@lourensprokureurs.co.za REF: CJA LOURENS/RW/HBP119

K2 5/7

Kennisgewings / Legals

Kennisgewings / Legals

NOTICE IN THE HIGH COURT OF SOUTH AFRICA GAUTENG DIVISION, PRETORIA. Case Number: 49262/2018 In the matter between: THE PECANWOOD ESTATE HOMEOWNERS ASSOCIATION NPC PLAINTIFF and LESEGO ELIZABETH MALATJIE DEFENDANT. NOTICE OF AN EXECUTION SALE OF MOVABLE PROPERTY. BE PLEASED TO TAKE NOTICE that in terms of a judgment of the High Court of South Africa, Gauteng Division, Pretoria the following property will be sold by public auction by the Sheriff of the High Court on 23 July 2019 11H00 at 62 LUDORF STREET, BRITS, SOUTH AFRICA to the highest bidder, namely: 1 X SAM-SUNG MICROWAVE OVEN, 2 X SLEEPER GARDEN BENCHES, 2 X WHITE WOODEN CABINETS, 2 X WHITE WOODEN STANDS, 6 X STEEL GARDEN CHAIRS, 3 X STEEL GARDEN CHAIRS, 8 X DINING-ROOM CHAIRS, 1 X SAMSUNG 2 IN 1 FRIDGE, 1 X STEEL GARDEN TABLE, 1 X STEEL GARDEN TABLE, 1 X PLASMA STAND, 1 X TRAINING BICYCLES, 1 X FOOTBENCH (ROOM), 2 X CANE LOUNGE SUITE, 1 X SAMSUNG PLASMA TV, 1 X DINING-ROOM TABLE, 1 X LG WASHING MACHINE, 2 X OF-FICE CHAIRS & DESK, 1 x 4 PCE PATIO LOUNGE SUITE. SIGNED AT PRETORIA ON THIS 26 DAY OF JUNE 2019. GILDENHUY'S MALATJI INC. GLMI HOUSE. HARLEQUINS OFFICE PARK, 164 TOTIUS STREET GROENKLOOF. PO BOX 619 (DX4) PRETORIA TEL: 012 428 8600 FAX: 012 428 8601 EMAIL: jsmaalberger@gminc.co.za REF: J SMALBERGER/ms/01805525

K3 5/7

energy
Department
Energy
REPUBLIC OF SOUTH AFRICA

NOTICE LETTER FOR A RETAIL LICENSE

Notice in respect of a license application in terms of
the Petroleum Products Act, 1977 (Act No 120 of 1977)

This notice serves to inform parties that may be interested
or affected that PHEHLA UMSEBENZI TRADING 133,
hereinafter referred to as "the applicant", has submitted
an application for a RETAIL licence, application number
I/2019/06/05/0001.

PORTION 1A
HENDRIK VERWOERD ROAD
BRITS 0250

The purpose of the application is for the applicant to
be granted a licence to undertake petroleum retailing
activities as detailed in the application. Arrangements
for viewing the application documentation can be made
by contacting the Controller of Petroleum Products by:

- Telephone: (012) 406 7788; or
- Fax: (012) 341 4228; or
- Email: petroleum.controller@energy.gov.za

Any objections to the issuing of a licence in respect of
this application, which must clearly quote the application
number above, must be lodged with the Controller of
Petroleum Products within a period of twenty (20)
working days from the date of publication of this notice.
Such objection must be lodged at the following physical
or postal address:

Physical address:
The Controller of Petroleum Products
Department of Energy
192 Visagie Street, Corner Paul Kruger & Visagie Street
Pretoria, 0001

Postal address:
The Controller of Petroleum Products
Department of Energy
Private Bag X96, Arcadia, 0001

KENNISGEWING

Rakende 'n lisensie aansoek ingevolge die wet op
Petroleumprodukte, 1977 (Wet Nr. 120 van 1977).

Kennis geskied hiermee aan alle belanghebbende of
geaffekteerde partye dat ZIKR ONE SERVICE STATION
(PTY) LTD, waarna hierna as "die aansoeker" verwys
word 'n aansoek om 'n KLEINHANDELSLISENSIE
ingedien het, aansoeknommer (DJ/2019/06/05/0001)

REMAINING EXTENT OF ERF 3201 BRITS
N/A PENDORING STREET
BRITS, PRETORIA

Die doel van die aansoek is om 'n lisensie aan
die aansoeker toe te staan om kleinhandelspetroleum-
verkope te bedryf soos in die aansoek uiteengesit is.
Reëlins ter insae van die aansoekdokumentasie kan
getref word deur die kontroleur van Petroleumprodukte
te kontak by:

Telefoon: (012) 406 7631; of

Faks: (012) 323 5840; of

E-pos: Teboho.Sethosa@energ.gov.za

Enige besware teen die uitreiking van 'n lisensie ingevolge hierdie aansoek, wat duidelik bogenoemde aansoeknommer moet toon, moet die kontroleur van Petroleumprodukte binne twintig (20) werksdae van die verskyning van hierdie kennisgewing bereik. Sodanige beswaar moet by die volgende straat of posadres ingedien word:

Straatadres:
The Controller of Petroleum Products
Department of Energy
192 Visagie Street, Pretoria

Posadres:
The Controller of Petroleum Products
Department of Energy
Private Bag X96, Pretoria, 0001

Kennisgewings / Legals

Kennisgewings / Legals

NOTICE IN THE HIGH COURT OF SOUTH AFRICA GAUTENG DIVISION, PRETORIA. Case Number : 27569/2014. In the matter between: MARTIN DE JAGER (Identity number : 790823 5026 08 2) Judgment Creditor and PROF. P.L. LEKGWARA Judgment Debtor. NOTICE OF SALE IN EXECUTION: MOVABLE PROPERTY. KINDLY TAKE NOTICE THAT in terms of a Judgment granted on the 19th day of JANUARY 2018 in the above Honourable Court and under a Warrant of Execution issued thereafter, the movable property listed hereunder will be sold in execution by the Sheriff Brits on TUESDAY, 23RD JULY 2019 at 11h00 at 62 Ludorf Street, Brits, to the highest bidder: Description : 2 x Brown Leather Lounge Suites; 3 x Beige Leather Lounge Suites; 1 x Glass Dining Room Table; 1 x Sound System & Speakers; 1 x Wheeler Motor Bike; 1 x Leather Foot Bench; 2 x Washing Machines; 1 x Piano & 2 Chairs; 7 x Leather Chairs; 1 x Coffee Table; 1 x Large Plasma TV; 3 x Carpets; 10 x Bar Chairs; 1 x DVD Player; 1 x Soccer Table; 4 x Wall Mirrors; 1 x LG 2in1 Fridge; 1 x Venter Trailer; 1 x LG Microwave Oven; DATED at PRETORIA on this the 1st day of JULY 2019. (SIGNED: LP RAUT-ENBACH); RAUTENBACH ATTORNEYS; Judgment Creditor; Wind-sor Law Chambers; Castle View South Office Park; 500 Tsitsa Street Cnr Tsitsa & Lois Streets Erasmuskloof; PRETORIA Tel: 087 094 3222; E-mail: rautenbach@winlawchambers.co.za; Ref: MR RAU-TENBACH/L1842/SD. THE REGISTRAR OF THE HIGH COURT PRETORIA.

K4 5/7

Kennisgewings / Legals

Kennisgewings / Legals

Kennisgewings / Legals

PUBLIC NOTICE

APPLICATION FOR AN ENVIROMENTAL
AUTHORISATION FOR THE
SCHIEFTONTEIN AND KRELINGSPOST
PROSPECTING RIGHT FOR ELAND
PLATINUM MINE

REF: NW30/5/1/1/3/2/1/12604EM

Notice is given of the application for an Envi-ronmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. **Proponent:**
Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Northam Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. **Property Description:**
The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:

• the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ; and

• Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost").

3. **Project Description:**
The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UGS2 and UG1 chromitite layers.

4. **Activities applied for:**
Application has been made for an EA authorising the following activities, as listed in terms of the NEMA and the 2014 EIA Regulations:

➢ Listing Notice 1 of 2014 (GN 983): Activity 20; and

➢ Listing Notice 3 of 2014 (GN 985): Activities 12,14 and 18.

5. **Availability of the Draft Report**
The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 2 July 2019. Hard copies of the DBAR will be available at the following locations:

• Eland Platinum Security Office

• Moumoro Store in Mmakau

• Mmakau Police Station

• Madibeng Local Municipality Library in Brits

• De Wildt Helpmekaar Offices

6. **Stakeholder Involvement:**
Stakeholders are invited to register as Interested and Affected Parties. Please submit your written comments by mail, fax or email within 30 days of 4 July 2019 to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or
012 802 1505

Postal address: P.O. Box 194,
Perseuor Park, 0020

Fax number: 012 802 1004

Email:stephan@chemc.com
or Marilize@chemc.com

Date of Notice: 4 July 2019

JOHAN FOURIE VERVOER

SAND, STENE, KLIP, NORIET

TEL. 012 252 0674

082 417 5941

Spoorwegstraat 20

ALLE SAND, SIERSTENE, SEMI-FACE
SEMENTSTENE, PLAVEISEL

Snuffelgids

T: 087 353 1316
F: 012 485 9067
E: oix@beeld.com

WERK

ALGEMEEN

WAARSKUWING

Lesers moet hulle vergewis van alle dienste wat aangebied word, en kwotasies en deposito's wat vereis word, nagaan voordat hulle enige daarvan aanvaar. Dit is die verbruiker se verantwoordelikheid om die adverteerder met wie hulle sake wil doen, se getuiskrifte na te gaan.

Bewar: Geklassifiseerde bied 'n diens aan adverteerders om hulle dienste en/of produkte te beklem.

Bewar: Geklassifiseerde aanvaar egter geen verantwoordelikheid of aanspreeklikheid vir enige skade of eise teen die adverteerder nie.

Bewar: Die geklassifiseerde advertensies verskyn daaglik as deel van die hoofkoerant en sluit daaglik om 12:00 (geen uitsonderings nie).

Advertensies is vooruitbetaalbaar en GEEN advertensie sal gepubliseer word sonder 'n bewys van betaling nie. Die bewys van betaling MOET per e-pos of faks gestuur word na: vakaturepta@beeld.com, algemeenpta@beeld.com, elendommpta@beeld.com of faks 086 832 6501/2/3/4.

Telefoonnommer 087 353 1316.

PROSEDURE OM 'N ADVERTENSIE TE PLAASIS SOOS VOLG:

Media24 benodig bestaande en nuwe kliënte/besighede se persoonlike inligting.

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BESIGHEDE/MAATSKAPPE/SKOLE MOET ASSEBLIEF 'N BRIEFHOOF SAAMSTUUR: Geregistreerde naam van die besighede en/of handelsdruif as: eenmansaak, vennootskap, mpy, BK, trust se registrasienommer, BTW-nommer, straatadres, posadres, e-pos, telefoonnommer, selfoonnommer, faksnommer, naam, van, ID-nommer van eienaar/direkteur.

Die verantwoordelikheid berus by die adverteerder om seker te maak dat sy/haar advertensies reg verskyn en om foute voor 09:00 op die eerste dag van publikasie onder Beeld se aandaag te bring.

Bewar: Aanvaar geen verantwoordelikheid vir meer as een foutiewe plasing nie. Krediet en gratis plasing sal nie gegee word vir tipografiese foute wat nie die beoording van die advertensie beïnvloed nie.

• Sodra 'n advertensie teruggelees word en deur die adverteerder as korrek bevestig is (inhoud/hofte/datum), kan daar nie op 'n gratis plasing aangedring word nie.

• Indien daar per faks of e-pos met Beeld gekommunikeer word, moet die adverteerder die ontvangs daarvan telefonies met Beeld bevestig.

• Geen advertensies sal geplaas word indien die adverteerder nie die korrekte bedrag inbetaal het nie.

Alle geklassifiseerde advertensies wat op rekening verskyn, is onderhewig aan kredietgoedgekeuring.

Voorwaardes geld.

PERSOONLIKE DIENSTE

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SKULD / KONTANT

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Epos: info@certuspro.co.za

CPS

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■ Pieter 082 374 4374

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2010



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PRIVAAT

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071 044 2818 *Anita's* Verskele

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079 168 5310. New blond Villieria

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VOERTUIG

MOTORS TE KOOP



KONTANT

012 341 6688/072 641 4148

AANDAG

ALLE LESERS

Ondersoek alle dienste, houkeuring, verkoop, wotasies en deposito's voor jy dit aanvaar.

Dit is die verbruiker se verantwoordelikheid om die adverteerder se geloofwaardigheid na te gaan.

Beeld kan nie aanspreeklik gehou word vir misleidende stellings of skade nie.

Ons bied nie slaggelding aan adverteerders.

2010

KENNISGEWING

Lisensie-aansoek ingevolge die Wet op Petroleumprodukte, 1977 (Wet n° 120 van 1977).

Kennis geskied hiermee aan alle belanghebbende of geïnteresseerde partye dat

AFRICAN ENERGY ENTERPRISES (EDMS) BPK, waarna hier na as "die aansoek" verwys word, 'n aansoek om 'n GRO-OT-HANDELSLISENSIE ingedien het, aansoeknommer D/2019/06/10/0001, STANDARD RYLAAN 77, BLAIGORVIERE-RAND-BURG, die doel van die aansoek is om 'n lisensie aan "die aansoek" te staan om groothandelspetroleum te verkoop, soos in die aansoek uiteengesit is. Reëlings ter insae van aansoekdokumente kan getref word deur die Kontroleur van Petroleumprodukte te kontak by: * Telefoon: 012 468 631; * Faks: 012 323 5840; of * E-pos: Teboho.Sethosa@energy.gov.za

Enige besware teen die uitreiking van 'n lisensie ingevolge hierdie aansoek wat duidelik bogenoemde aansoek moet toon, moet die Kontroleur van Petroleumprodukte binne twintig (20) werksdae van die verskyning van hierdie kennisgewing bereik. Sodanige besware moet by die volgende straat- of posadres ingedien word:

Straatadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Visagiesstraat 192, PRETORIA

Posadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Privaat Sak 206, PRETORIA

Privaat Sak 206, PRETORIA

AFRICAN ENERGY JUL 2019/06/10/0001

KENNISGEWING

Rakende 'n lisensie-aansoek ingevolge die Wet op Petroleumprodukte, 1977 (Wet n° 120 van 1977).

Kennis geskied hiermee aan alle belanghebbende of geïnteresseerde partye dat

BGWR HOLDINGS EDMS BPK, waarna hier na as "die aansoek" verwys word, 'n aansoek om 'n KLEIN-HANDELSLISENSIE ingedien het, aansoeknommer D/2019/05/24/0007, PLAAS 174 GEDDELTJE 125 WATERVAL, RUSTENBURGWEG, VER-TERSDORP, die doel van die aansoek is om 'n lisensie aan die aansoek te staan om kleinhandelspetroleum te verkoop, soos in die aansoek uiteengesit is. Reëlings ter insae van aansoekdokumente kan getref word deur die Kontroleur van Petroleumprodukte te kontak by: * Telefoon: 012 468 631; of * Faks: 012 323 5840; of * E-pos: Teboho.Sethosa@energy.gov.za

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Posadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Privaat Sak 206, PRETORIA

Privaat Sak 206, PRETORIA

AFRICAN ENERGY JUL 2019/05/24/0007

KENNISGEWING

Rakende 'n lisensie-aansoek ingevolge die Wet op Petroleumprodukte, 1977 (Wet n° 120 van 1977).

Kennis geskied hiermee aan alle belanghebbende of geïnteresseerde partye dat

BGWR HOLDINGS EDMS BPK, waarna hier na as "die aansoek" verwys word, 'n aansoek om 'n KLEIN-HANDELSLISENSIE ingedien het, aansoeknommer D/2019/05/24/0007, PLAAS 174 GEDDELTJE 125 WATERVAL, RUSTENBURGWEG, VER-TERSDORP, die doel van die aansoek is om 'n lisensie aan die aansoek te staan om kleinhandelspetroleum te verkoop, soos in die aansoek uiteengesit is. Reëlings ter insae van aansoekdokumente kan getref word deur die Kontroleur van Petroleumprodukte te kontak by: * Telefoon: 012 468 631; of * Faks: 012 323 5840; of * E-pos: Teboho.Sethosa@energy.gov.za

Enige besware teen die uitreiking van 'n lisensie ingevolge hierdie aansoek wat duidelik bogenoemde aansoek moet toon, moet die Kontroleur van Petroleumprodukte binne twintig (20) werksdae van die verskyning van hierdie kennisgewing bereik. Sodanige besware moet by die volgende straat- of posadres ingedien word:

Straatadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Visagiesstraat 192, PRETORIA

Posadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Privaat Sak 206, PRETORIA

Privaat Sak 206, PRETORIA

AFRICAN ENERGY JUL 2019/05/24/0007

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Privaat Sak 206, PRETORIA

AFRICAN ENERGY JUL 2019/05/24/0007

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Posadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Privaat Sak 206, PRETORIA

Privaat Sak 206, PRETORIA

AFRICAN ENERGY JUL 2019/05/24/0007

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BGWR HOLDINGS EDMS BPK, waarna hier na as "die aansoek" verwys word, 'n aansoek om 'n KLEIN-HANDELSLISENSIE ingedien het, aansoeknommer D/2019/05/24/0007, PLAAS 174 GEDDELTJE 125 WATERVAL, RUSTENBURGWEG, VER-TERSDORP, die doel van die aansoek is om 'n lisensie aan die aansoek te staan om kleinhandelspetroleum te verkoop, soos in die aansoek uiteengesit is. Reëlings ter insae van aansoekdokumente kan getref word deur die Kontroleur van Petroleumprodukte te kontak by: * Telefoon: 012 468 631; of * Faks: 012 323 5840; of * E-pos: Teboho.Sethosa@energy.gov.za

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Posadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Privaat Sak 206, PRETORIA

Privaat Sak 206, PRETORIA

AFRICAN ENERGY JUL 2019/05/24/0007

KENNISGEWING

Rakende 'n lisensie-aansoek ingevolge die Wet op Petroleumprodukte, 1977 (Wet n° 120 van 1977).

Kennis geskied hiermee aan alle belanghebbende of geïnteresseerde partye dat

BGWR HOLDINGS EDMS BPK, waarna hier na as "die aansoek" verwys word, 'n aansoek om 'n KLEIN-HANDELSLISENSIE ingedien het, aansoeknommer D/2019/05/24/0007, PLAAS 174 GEDDELTJE 125 WATERVAL, RUSTENBURGWEG, VER-TERSDORP, die doel van die aansoek is om 'n lisensie aan die aansoek te staan om kleinhandelspetroleum te verkoop, soos in die aansoek uiteengesit is. Reëlings ter insae van aansoekdokumente kan getref word deur die Kontroleur van Petroleumprodukte te kontak by: * Telefoon: 012 468 631; of * Faks: 012 323 5840; of * E-pos: Teboho.Sethosa@energy.gov.za

Enige besware teen die uitreiking van 'n lisensie ingevolge hierdie aansoek wat duidelik bogenoemde aansoek moet toon, moet die Kontroleur van Petroleumprodukte binne twintig (20) werksdae van die verskyning van hierdie kennisgewing bereik. Sodanige besware moet by die volgende straat- of posadres ingedien word:

Straatadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Visagiesstraat 192, PRETORIA

Posadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Privaat Sak 206, PRETORIA

Privaat Sak 206, PRETORIA

AFRICAN ENERGY JUL 2019/05/24/0007

KENNISGEWING

Rakende 'n lisensie-aansoek ingevolge die Wet op Petroleumprodukte, 1977 (Wet n° 120 van 1977).

Kennis geskied hiermee aan alle belanghebbende of geïnteresseerde partye dat

BGWR HOLDINGS EDMS BPK, waarna hier na as "die aansoek" verwys word, 'n aansoek om 'n KLEIN-HANDELSLISENSIE ingedien het, aansoeknommer D/2019/05/24/0007, PLAAS 174 GEDDELTJE 125 WATERVAL, RUSTENBURGWEG, VER-TERSDORP, die doel van die aansoek is om 'n lisensie aan die aansoek te staan om kleinhandelspetroleum te verkoop, soos in die aansoek uiteengesit is. Reëlings ter insae van aansoekdokumente kan getref word deur die Kontroleur van Petroleumprodukte te kontak by: * Telefoon: 012 468 631; of * Faks: 012 323 5840; of * E-pos: Teboho.Sethosa@energy.gov.za

Enige besware teen die uitreiking van 'n lisensie ingevolge hierdie aansoek wat duidelik bogenoemde aansoek moet toon, moet die Kontroleur van Petroleumprodukte binne twintig (20) werksdae van die verskyning van hierdie kennisgewing bereik. Sodanige besware moet by die volgende straat- of posadres ingedien word:

Straatadres: Die Kontroleur van Petroleumprodukte, Departement van Energie, Visagiesstraat 192, PRETORIA

Regskennisgewings

Kansellasiesparty:

Werkslag: voor publikasie om 9:00

VERLORE DOKUMENTE

RANDGATE ERF 879

PUBLICATION IN TERMS OF SECTION THIRTY-EIGHT OF ACT 47 OF 1937

LOST TITLE DEED

Notice is hereby given that under the provisions of Section Thirty-Eight of the Deeds Registries Act, 1937, the Registrar of Deeds at Johannesburg intend to issue a Certificate of Registered Title in respect of

Deed of Transfer Number 737354/2008 passed by THOMAS FREDERICK SCHUTTE, Identity Number: 780701 5130 08 2, Unmarried, of TLOUING HERMANUS

LOMBARD VAN ZYL, Identity Number: 420516 5091 08 4, Unmarried, in respect of

ERF 879 RANDGATE TOWNSHIP Registration Division L.O. GAUTENG PROVINCE, IN EXTENT: 495 FOUR HUNDRED AND NINETY FIVE Square Metres, which has been lost or destroyed.

All persons having objection to the issue of such Certificate are hereby required to lodge the same in writing with the Deeds Office at Johannesburg, within six weeks after date of the first publication of this notice.

Dated at Johannesburg, on the 2nd of 2019.

Signed: RANDGATE, on the 2nd of 2019.

ERF 879 JUN 28 JUL 05 (LS)4040

PUBLICATION IN TERMS OF SECTION THIRTY-EIGHT OF ACT 47 OF 1937

LOST TITLE DEED

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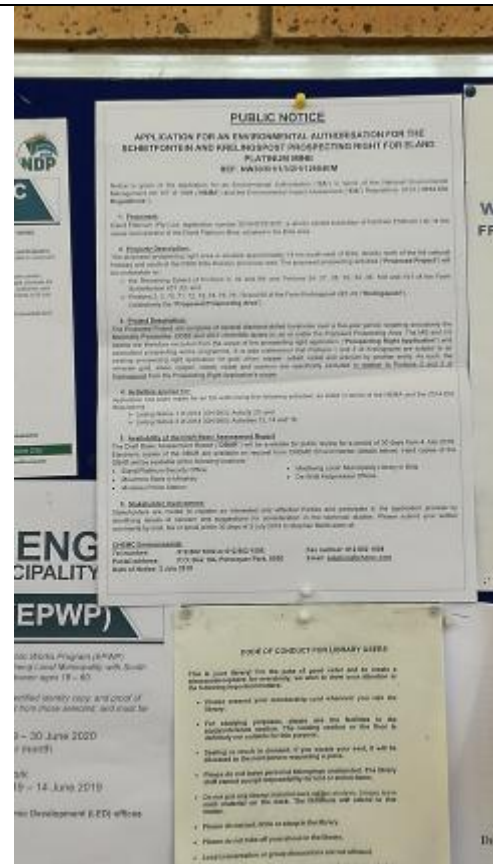
</

Appendix 3

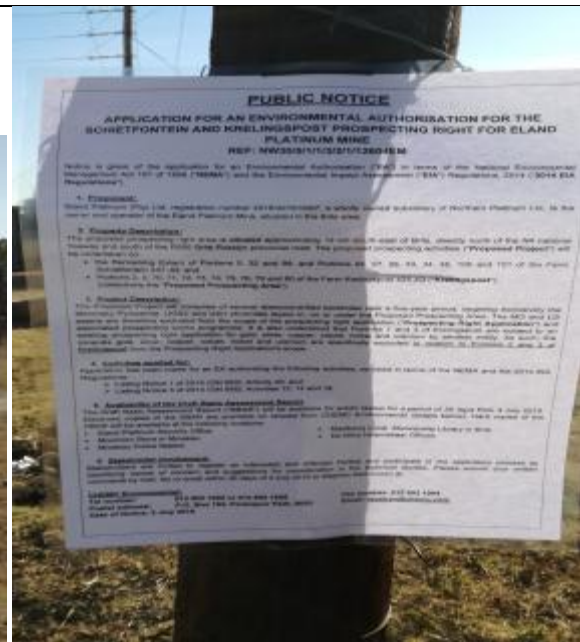
Notices Placed at the Site Entrance of the Eland Platinum Mine



Notices Placed at the Madibeng Local Library



Notices Placed at the Mmakau Police Station Notice Board



Notices Placed at the Moumong Store



Notices Placed at the De Wildt Shopping complex on the corner of the R566 and the M21



Notices Placed at the dirt access road accessed from the M21 leading to the prospecting area



Notices Placed at the dirt access road accessed from the R556 leading to the prospecting area



Appendix 4

LANDOWNER NOTIFICATION SENT VIA REGISTERED MAIL FOR THE ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT APPLICATION – (DMR REF: NW30/5/1/1/3/2/1/12604EM) - 3 JULY 2019

Details	Contact Person	Postal Address	Proof of Registered Mail
Portions 2 of the Farm Krelingspost 425 JQ	Macal Farms CC	68 FIRST AVENUE EAST PARKTOWN NORTH JOHANNESBURG GAUTENG 2193	REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RC386618927ZA CUSTOMER COPY 301028R
Portions 70, 71, 72, 74, 75, 76, 79 of the Farm Krelingspost 425 JQ	Krelingspost Nr 10 De Wildt Pty Ltd	270 VAN RIEBEECK STREET HERMANSTAD PRETORIA GAUTENG 0031	REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RC386618944ZA CUSTOMER COPY 301028R
Portions 73 of the Farm Krelingspost 425 JQ	Home Shopper CC	PO BOX 542 DE WILDT 0251	REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RC386618935ZA CUSTOMER COPY 301028R
Portions 80 of the Farm Krelingspost 425 JQ	Corporate Flat CC	68 FIRST AVENUE EAST PARKTOWN NORTH JOHANNESBURG GAUTENG 2193	



PUBLIC NOTIFICATION SENT VIA REGISTERED MAIL FOR THE ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT APPLICATION – (DMR REF: NW30/5/1/1/3/2/1/12604EM) - 3 JULY 2019

Details	Contact Person	Postal Address	Proof of Registered Mail
	M2 PRECIOUS AND BASE METALS (PTY) LTD	209 LYNWOOD ROAD, BROOKLYN, PRETORIA, 0181	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760089ZA CUSTOMER COPY 301028R
	Die Grasplaas	P.O. Box 59219, Karenpark, 0118	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760061ZA CUSTOMER COPY 301028R
	EL EM Skadugras	PO Box 78, Dewildt, 0251	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760044ZA CUSTOMER COPY 301028R
Portion 73 (a portion of Portion 67) of the Farm Krelingspost 425 JQ	Envirocycle	PO Box 542, De Wildt, 0251	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760591ZA CUSTOMER COPY 301028R
	SAMANCOR	PostNet Suite 803, Private Bag X9, Benmore, South Africa, 2010	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760614ZA CUSTOMER COPY 301028R
	Prime Co Meat	PO Box 319, De Wildt, 0251	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC386619126ZA CUSTOMER COPY 301028R
	Transnet Ltd	PO Box 72501, Parkview, Johannesburg, 2122	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC386619131ZA CUSTOMER COPY 301028R
	Jo-Fana Roses CC	PO Box 176, Brits, 0250	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC386619145ZA CUSTOMER COPY 301028R
	Salene Mining (Pty) Ltd	PO Box 50917, Randburg, 2125	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC386619159ZA CUSTOMER COPY 301028R
	Republic of South Africa Government	Development And Land Reform Private Bag X833, Pretoria, 0001	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760058ZA CUSTOMER COPY 301028R
	Bakgatla-Ba-Mmakau	P.O. Box 83, DE WILDT, 0251	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760092ZA CUSTOMER COPY 301028R
	Zolograph Investments (RF) (Pty) Ltd	2nd Floor, Fernwood House,, Cape Town, 7700, ZA	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760075ZA CUSTOMER COPY 301028R

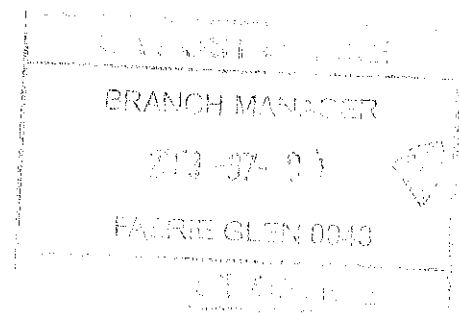
BRANCH MANAGER

2019-07-01

FACIE GLEN 0043

LANDOWNER NOTIFICATION SENT VIA REGISTERED MAIL FOR THE ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT APPLICATION – (DMR REF: NW30/5/1/1/3/2/1/12604EM) - 3 JULY 2019

Details	Contact Person	Postal Address	Proof of Registered Mail
Remaining Extent of Portions 5, and Portions 24, 27, 28, 33, 34 of the Farm Schietfontein 437 JQ	FJ Strauss & L Strauss	P.O. Box 9111430, Rosslyn, 0200	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760605ZA CUSTOMER COPY 301028R
Remaining Extent of Portions 5 and 32 ; and Portions 35 of the Farm Schietfontein 437 JQ	MN Ras	P.O. Box 121, De Wildt, 0251	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760588ZA CUSTOMER COPY 301028R
Remaining Extent of Portions 99 of the Farm Schietfontein 437 JQ	RG Jacobs	P.O. Box 194 De Wildt, 0251	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760631ZA CUSTOMER COPY 301028R
Portions 100 of the Farm Schietfontein 437 JQ	JJR van der Merwe & JJ van der Merwe	P.O. Box 462 De Wildt, 0251	REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC233760628ZA CUSTOMER COPY 301028R
Portions 101 of the Farm Schietfontein 437 JQ	Madda's Padmark CC		
Portions 3 of the Farm Krelingspost 425 JQ	Super Soya CC		
Portions 2 of the Farm Krelingspost 425 JQ	Mari Farms CC		
Portions 70, 71, 72, 74, 75, 76, 79 of the Farm Krelingspost 425 JQ	Krelingspost Nr 40 De Wildt Pty Ltd		
Portions 73 of the Farm Krelingspost 425 JQ	Home Shopper CC		
Portions 88 of the Farm Krelingspost 425 JQ	Corporate Flat CC		



APPENDIX 5 – PROOF OF EMAILS SENT

From:

Sent:

Cc:

Subject:

Attachments:

Tracking:

Recipient

Read

Stephan - Chemic
Wednesday, July 03, 2019 11:52 PM
Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); Marilize Potgieter (Marilize@chemc.com); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'
RE: NOTICE OF AN ENVIRONMENTAL AUTHORIZATION FOR THE SCHIEFFONTEIN AND KREUNGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)
Final Public and Site Notice - Prospecting Right.pdf

Baiphapi Sethaelo
(Baiphapi.Sethaelo@norplats.co.za)
Marilize Potgieter (Marilize@chemc.com)
'Martiens Prinsloo
(Martiens.Prinsloo@norplats.co.za)'
'Alex Masianoga' (alexmasianoga@gmail.com)

mining@hemic.co.za
mrconcrete@cybertrade.co.za
jansevan@absamail.co.za
mclellan@meduns.ac.za
jeppenel@yahoo.co.uk
expatdoc@gmail.com
cilkon@oribi.co.za
oprig@mweb.co.za
aweber@nkweplatinum.co.za
swanepoel@ridgemining.co.za
info@Bakwena.co.za

Isdiseko@nwp.gov.za
jwallis@nwp.gov.za
lengenebogatso@drdlr.gov.za
kenneth.matukane@drdlr.gov.za
sahranw3@iafrica.com
yorkehm@nra.co.za
merwew@nra.co.za
ctmconstruction@tiscali.co.za
CharlotteC@nedbank.co.za
janie.grove@vam.stratcor.com
Zlouws@gmail.com

erika.private@absamail.co.za
marfec@tshwane.gov.za
orders@kroonchickens.co.za
elem@compuphost.co.za
marilyn@dewildt.co.za
dewildlodge@myconnection.co.za
cheetah@dewildt.co.za

Recipient Read

alanstrac@vodamail.co.za
 ritagroenewald@hotmail.com
 monique.deant@gmail.com
 gutte@absamail.co.za
 louse@leadvisors.co.za
 kloppersballiet@telkomsa.net
 sarei@airex.co.za
 naud34@gmail.com
 moavni@gomail.com
 marinus.smal@yahoo.com
 gjdavei@gmail.com
 wkrossouw@polka.co.za
 jakesiouw@gmail.com
 jakes.iouw@bcx.co.za
 gogga dele@gmail.com
 pauli@keeleynite.com
 jwesson@wessanorth.co.za
 motsepennoman@gmail.com
 Lesego Rabortfi (Lesego.Rabortfi@hermic.co.za)
 nwecoforum@nwec.co.za
 'iti31424@mweb.co.za' ('iti31424@mweb.co.za')
 'hpnel@mweb.co.za' ('hpnel@mweb.co.za')
 Nomasa80maqakamba@gmail.com
 chrissieabi@gmail.com
 nwlu@isdnet.co.za
 georgemogomotsi@gmail.com
 metseleb74@gmail.com
 lebelwaneebiot@gmail.com
 ananiasl@tshwane.gov.za
 aobakwe@gmail.com
 seremeaangy@gmail.com
 fatima.lambrecht@glencore.co.za
 alexthabang17@gmail.com
 clivedeenter@mnsn.com
 thanndosibisi92@gmail.com
 madumokelebogile@gmail.com
 mnyambozo04@gmail.com
 snymanjan4@gmail.com
 jothan@calcuplan.com
 pcraths@gmail.com
 dpplant@vodamail.co.za
 Sam.Mafokane@hermic.co.za
 ramashalai@dws.gov.za

Recipient Read

'ramabelle.matlala@nwpg.gov.za'
'malilekej@dwa.gov.za'
dtmahlakwu@nwpg.gov.za
Theunissen Cornia (TheunissenC@dws.gov.za)
Annahmosid41@gmail.com
4459978@mylife.unisa.ac.za
thusowinkies@yahoo.com
moscowsekwele@gmail.com
Fmatlhodi2@gmail.com
Mmereki.Legcoale@lonmin.com
chlapolosaa@eastplats.co.za
info@bushveldvametco.co.za
Robert.Raphela@hernic.co.za
'mlesejane@nwptb.co.za' (mlESEjane@nwptb.co.za)
lengene.bogatsu@drdlr.gov.za
Lesego Raborifi (Lesego.Raborifi@hernic.co.za)
kenneth.matukane@drdlr.gov.za
legal@cccsa.co.za
cmotisi@sahra.org.za
KSMUTS@sahra.org.za
mmmonangeng@nwpg.gov.za
'pmokaila@nwpg.gov.za' (pmokaila@nwpg.gov.za)
'tumelen@d@nwdc.co.za'
(itumelen@d@nwdc.co.za)
'lobakengk@nwpg.gov.za'
(lobakengk@nwpg.gov.za)
'phine@sahra.org.za'
'pala@eskom.co.za' (pala@eskom.co.za)
central@eskom.co.za
elbie@eccentrix.co.za
solenta@sinovich.co.za
jamesk2@absamail.co.za
pierre2011@gmail.com
wanhiehah@gmail.com
richard.gordon@allmafrica.com
info@sivest.co.za
preann@eskom.co.za
sebolemd@eskom.co.za
hansvr@labapro.co.za
jeppe@yahoo.co.uk
thabisomphake@yahoo.com
strausslynette@gmail.com
tto@vodamail.co.za
elem@compunhost.co.za

Recipient Read

supersoya@vodamail.co.za
zenoise@icon.co.za
webmaster@SamancorCr.com
mk1@dewildt.cc
tutuwezco@q4.co.za
rinabester1@gmail.com
jenny.ruddeck@gmail.com
hannes@macalfarms.com
joan@macalfarms.com
gjdave@gmail.com
dewildthelpmekaaar@gmail.com
info@reatile.co.za
Marilize Potgieter

Read: 7/4/2019 10:22 AM

RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFTONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Dear Interested and Affected Party,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Northam Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:

- the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schieftontein 437 JQ; and
- Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost"), collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UG2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krelingspost from the Prospecting Right Application's scope.

4. Activities applied for:

The following activity, as listed in terms of the EIA Regulations, 2014 was applied for:

> Listing Notice 1 of 2014 (G.N. 983): Activity 20

➤ Listing Notice 3 of 2014 (G.N. 985): Activity 12, 14 and 18.

5. Availability of the Draft Report

The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 4 July 2019. Electronic copies of the DBAR are available on request from CHEMC Environmental (details below). Hard copies of the DBAR will be available at the following locations:

- Eland Platinum Security Office
- Madibeng Local Municipality Library in Brits
- Mourmang Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station.

6. Stakeholder Involvement:

Stakeholders are invited to register as interested and Affected Parties and participate in the application process by identifying issues of concern and suggestions for consideration in the technical studies. Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Persequor Park, 0020

Email: stephan@chemc.com or Marilize@chemc.com

Don't hesitate to contact us should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

Rather measure twice and cut once

Follow us on Facebook: <https://www.facebook.com/CHEMC-Environmental-919614084785881/>

Stephan - Chemic

From: Stephan - Chemic
Sent: Wednesday, July 03, 2019 11:14 PM
To: isaackekgetho@madibeng.gov.za; munman@madibeng.gov.za
Cc: Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); Marilize Potgieter (Marilize@chemc.com); Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPoST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)
Attachments: Final Public and Site Notice - Prospecting Right.pdf

RE: APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPoST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Attention: Madibeng Local Municipality,

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Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

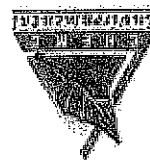
Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Perseguor Park, 0020

Email: stephan@chemc.com or Marillize@chemc.com

Don't hesitate to contact us should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 839 9944

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From:

Stephan - Chemic

Sent:

Wednesday, July 03, 2019 11:14 PM

To:

'amandab@bojanala.gov.za'; 'botumelom@bojanala.gov.za'

Cc:

Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); Marilize Potgieter

Subject:

(Marilize@chemcc.com); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)' RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFTONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Attachments:

Final Public and Site Notice - Prospecting Right.pdf

RE: APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFTONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Attention: Bojanala District Municipality,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Northam Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:

- the Remaining Extent of Portions 5, 32 and 99, and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ; and
- Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost"), collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UG2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krelingspost from the Prospecting Right Application's scope.

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- Madibeng Local Municipality Library in Brits

- Mounong Store in Mmakau
- De Wildt Helpmekeer Offices
- Mmakau Police Station.

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Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Perseguor Park, 0020

Email: stephan@chemc.com or Marillize@chemc.com

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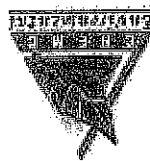
Groete / Regards

Stephan Barkhuizen

Environmental Consultant

CHEMC Environmental

012 802 1002 / 082 639 9944



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Stephan - Chemic

From: Stephan - Chemic
Sent: Wednesday, July 03, 2019 11:14 PM
To: 'phumudzo.nethwadz@dmr.gov.za' (phumudzo.nethwadz@dmr.gov.za); 'tshilidzi.phalala@dmr.gov.za'; 'tshisikhawe.tshisevhe@dmr.gov.za'; neo.kgokong@dmr.gov.za
Cc: Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); Marilize Potjeter (Marilize@chemc.com); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPoST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)
Attachments: Final Public and Site Notice - Prospecting Right.pdf

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Attention: Department of Mineral Resources,

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- De Wildt Helpmekaar Offices
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CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Persequor Park, 0020

Email: stephan@chemc.com or Marlize@chemc.com

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Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

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From:
Sent:

Stephan - Chemic
Wednesday, July 03, 2019 11:14 PM

To:

Wendy Ralekoa (RalekoaW@dws.gov.za); Botha Rens (GAU) (BothaR@dws.gov.za);
Lobakeng Chadwick (LobakengC@dws.gov.za); Ferris Elize Andrea (MMB)
(FerrisE@dws.gov.za); Ramatoko Mampfo (MMB) (RamatokoM@dws.gov.za);
Kutama Herbert (HBP/GAU) (KutamaH@dws.gov.za)

Cc:

Baiphapi Sethaelo (BaiphapiSethaelo@norplats.co.za); Marilize Potgieter
(Marilize@chemc.com); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'
RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFOONTEIN
AND KREIUNGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF:
NW30/5/1/1/3/2/1/12604EM)

Attachments:

Final Public and Site Notice - Prospecting Right.pdf

RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION PROCESS FOR PROSPECTING ACTIVITIES
PROPOSED BY ELAND PLATINUM (PTY) LTD (DMR REF: NW30/5/1/1/3/2/1/12469EM)

Attention: Department of Water and Sanitation,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA")
application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an
Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA")
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Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

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From:

Stephan - Chemic

Sent:

Wednesday, July 03, 2019 11:14 PM

To:

Itscholeng.Sebolai@drdlr.gov.za; Bonginkosi.Zulu@drdlr.gov.za;

Cc:

JKNkosi@ruraldevelopment.gov.za

Subject:

(Marilize@chemc.com); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)' RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KREUNGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

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Attention: Department of Rural Development and Land Reform,

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From:

Stephan - Chemic

Sent:

Wednesday, July 03, 2019 11:15 PM

To:

'Eva Mahlangu (emahlangu@nwpg.gov.za)'; 'rsello@nwpg.gov.za';

Cc:

'oskosana@nwpg.gov.za' (oskosana@nwpg.gov.za); moholohana@nwpg.gov.za; Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); Marilize Potgieter (Marilize@chemc.com); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'

Subject:

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Attention: North West Department of Rural, Environment and Agriculture Development (NWRDAD),

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From:

Sent:

To:

Cc:

Subject:

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NW30/5/1/1/3/2/1/12604EM)

RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

(Martilize@chemc.com); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'

Baiphapi Sethaeo (Baiphapi.Sethaeo@norplats.co.za); Martilize Potgieter

(TSambo@environment.gov.za); 'EIAAdmin@environment.gov.za'

'Lucas Mahlangu (Lmahlangu@environment.gov.za)'; Tsakani Sambo

Stephan - Chemic
Wednesday, July 03, 2019 11:15 PM

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Environmental Consultant

CHEMC Environmental

012 802 1002 / 082 639 9944



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APPENDIX 6 – PUBLIC NOTICE DISTRIBUTED

BACKGROUND INFORMATION DOCUMENT

FOR THE

PROSPECTING RIGHT APPLICATION ON SCHIETFontein
AND KRELINGSPost, NORTH WEST PROVINCE

June 2019



Prepared for: Eland Platinum Proprietary Limited, a wholly owned subsidiary of Northam Platinum Limited.

For any project related information contact:

CHEMC Environmental
Stephan Barkhuizen

Tel: 012 802 1002

Fax: 012 802 1004

Email: Stephan@chemc.com and Marilize@chemc.com

1. PURPOSE OF DOCUMENT

Eland Platinum Proprietary Limited ("EP"), a wholly owned subsidiary of Northam Platinum Limited ("Northam"), conducts mining operations at the Eland Platinum Mine ("EM").

In terms of section 16 of the Mineral and Petroleum Resources Development Act 28 of 2002 ("MPRDA"), EP has submitted an application for a prospecting right. As required by the MPRDA, EP has submitted an environmental authorisation application ("EA Application") under the National Environmental Management Act 107 of 1998 ("NEMA") to the Department of Mineral Resources ("DMR") for its proposed prospecting activities on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ ("Schietfontein") and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingsspost 425 JQ ("Krelingsspost"), situated within the Mafikeng Local Municipality in the North-West Province ("NWP") (the "Proposed Project").

This Background Information Document ("BID") has been developed to:

- Share information about the Proposed Project; and
- Provide more detail about the public participation process which will be followed.

1.1 Appointed Environmental Assessment Practitioner

It is important to investigate potential impacts that the Proposed Project will have on the environment and people. EP has appointed CHEMC Environmental ("CHEMC") as independent Environmental Assessment Practitioners, to manage the proposed basic Assessment ("BA") process. Mr. S Barkhuizen will be managing the EA Application. He has a Hons. BSc in Environmental Monitoring and Modelling, a BTech in Landscape Technology and is a Certified Natural Scientist (SACNASP) in the environmental science field.

2. BACKGROUND

The EM is an established (est. 2006) platinum group metals ("PGMs") and chrome mining and processing operation and comprises of two mining rights, namely DMR Reference, No: NW 30/5/1/2/2/341MR and DMR Ref. No: NW 30/5/1/2/2/280MR, granted in terms of the MPRDA by the DMR, which include opencast and underground mining sections.

EP was previously owned and managed by Eland Platinum Mines (Pty) Ltd, a subsidiary of Glencore Operations South Africa (Pty) Ltd, however the operation was placed in care and maintenance from October 2015. EP purchased EPM and is responsible for managing, recommencing and executing the operations going forward.

EP wishes to conduct prospecting on the following farm portions.

Schietfontein 437 JQ	Krelingsspost 425 JQ
<ul style="list-style-type: none"> • Remaining Extent of Portion 5 • Portion 24 (a portion of Portion 2) • Portion 27 (a portion of Portion 2) • Portion 28 (a portion of Portion 2) • Remaining Extent of Portion 32 • Portion 33 (a portion of Portion 32) • Portion 34 (a portion of Portion 32) • Portion 35 (a portion of Portion 2) • Remaining Extent of Portion 99 • Portion 100 (a portion of Portion 99) • Portion 101 (a portion of Portion 99) 	<ul style="list-style-type: none"> • Portion 2 • Portion 3 • Portion 70 (a portion of Portion 67) • Portion 71 (a portion of Portion 67) • Portion 72 (a portion of Portion 67) • Portion 73 (a portion of Portion 67) • Portion 74 (a portion of Portion 67) • Portion 75 (a portion of Portion 67) • Portion 76 (a portion of Portion 67) • Portion 79 (a portion of Portion 67) • Portion 80 (a portion of Portion 67)

2.1 Location

The Proposed Schietfontein and Krelingsspost Prospecting Area is situated adjacent to the area on which the EM's surface infrastructure is located ("EM Surface Area"), approximately 14km east of Brits and 60 km west of Pretoria. The R566 (Brits - Rosslyn) provincial road is situated to the north and will be used as an access road to the Proposed Prospecting Area. The M21 runs to the east of the Proposed Prospecting Area and is mainly used to access a portion of Krelingsspost. The N4 Bakwena National Highway forms the southern boundary of the Proposed Schietfontein and Krelingsspost Prospecting Area (Refer to Figure 1 and 2).

The Proposed Project will be located on the properties set out above.

3. PROJECT DESCRIPTION

The EA Application's purpose is to obtain an authorisation from the DMR to successfully implement the following Proposed Project:

3.1 Schietfontein 437JQ

Eleven diamond drilled boreholes are planned on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of Schietfontein over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers.

3.2 Krelingspost 425JQ

Eleven diamond drilled boreholes are planned on Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers.

These boreholes will provide valuable information relating to the continuity of these Reef.

An estimated footprint of +/- 4000 m² will be required for the proposed activities.

4. ENVIRONMENTAL AUTHORISATION

The Proposed Project will require an EA for the following listed activity as set out below:

4.1 Environmental Authorisation

Sections 24 and 44 of NEMA make provision for the promulgation of regulations that identify activities that may not commence without an EA issued by the competent authority ("CA"), in this case DMR. The Environmental Impact Assessment ("EIA") Regulations (GN 982, 983, 984 and 985), promulgated under NEMA in Government Gazette 38282 of 4 December 2014 (as amended in 2017) ("2014 EIA Regulations"), identify certain activities in three listing notices (GN 983, 984 and 985), which "could have a substantial detrimental effect on the environment". These listed activities require an EA from the competent environmental authority, being the DMR for this EA Application, prior to commencing. Depending on the listing notice into which a listed activity falls, either a BA process or a full scoping and EIA ("S&EIR") process will be required, prior to obtaining the EA. Activities falling within Listing Notices 1 and 3 require a BA process, while Listing Notice 2 lists activities that require S&EIR.

CHEMC has determined that the Proposed Project triggers the following activities listed in terms of Listing Notice 1 and 3 of the 2014 EIA Regulations, requiring a BA process.

NAME OF ACTIVITY	APPLICABLE LISTING NOTICE
1. Twenty-two (22) diamond drilled boreholes are planned across the Proposed Schietfontein and Krelingspost Prospecting Area. An average footprint of 90m ² will be disturbed for the drilling operation at each location (total footprint of 1980m ²). There are also temporary roads that will possibly have to be cleared to allow for access to the proposed drilling locations (total footprint of +/- 4000m ² (inclusive of 1980m ²)).	<p>Listing No. 1 – GNR 983</p> <p>• Activity 20</p> <p>Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the MPRDA, including - (a) prospecting of infrastructure, structures and earthworks, directly related to prospecting of a mineral resource</p>
2. Vegetation will be cleared for the drilling sites and potentially for the temporary access roads. It is likely that the impacted vegetation will include indigenous vegetation, as the Proposed Schietfontein and Krelingspost Prospecting Area is within / near the Marikana Thornveld ecosystem and is situated in a critical biodiversity area ("CBA"), as per NVP Biodiversity Sector Plan ("BSP").	<p>Listing No. 3 – GNR 985</p> <p>• Activity 12 (h)</p> <p>Indigenous vegetation clearance of an area of 300m² or more (except where such clearance is required for maintenance purposes undertaken in accordance with a maintenance management plan) in the NVP on land situated within a CBA, as identified in systematic biodiversity plans ("SBPs") adopted by the CA</p>
3. It is not foreseen that any prospecting activities will be undertaken within 32m of a watercourse. However, provision is made to include this listed activity should this be required.	<p>Listing No. 3 – GNR 985</p> <p>• Activity 14 (h)</p> <p>The development of infrastructure or structures with a physical footprint of 10m² or more, where such development occurs - (a) within a watercourse, or (c) if no development setback has been adopted, within 32m of a watercourse, measured from the edge of a watercourse in the NVP on land, where such land is situated within <i>inter alia</i>: • a CBA, as identified in SBPs adopted by the CA, and</p>

5.1.2 Decision Making

- Activities involved in the BA include:
- Meetings with authorities to agree on process and study requirements;
- Initial public and landowner notifications, which include: placing of site notices and the distribution of letters, this BLD and invitations to interested and Affected Parties ("I&APs") in the project area and beyond to contribute to the BA process;
- Advertising in local and regional newspapers, to announce opportunities to participate;
- Conducting specialist studies focused on identified impacts and issues raised by I&APs;
- Compiling a Draft Basic Assessment Report ("DBAR") and draft EMPR, indicating the potential positive and negative impacts and measures to enhance positive impacts and reduce or avoid negative impacts;
- Developing an Environmental Impact Statement,
- Submitting progress feedback letters and making announcements regarding the availability of the DBAR and Issues and Responses Report ("IRR");
- Making the DBAR, including IRR, available for comment – to be available in July 2019;
- Making the DBAR available to I&APs for comments. This will include the following authorities:
 - Land Claims Commissioner;
 - DMR;
 - North West Department of Rural, Environment and Agricultural Development;
 - Botswana District Platinum Municipality;
 - MLM; and
 - DWS.
- Convening an I&AP meeting / open day in the project area to obtain comments on the DBAR;
- Submitting a Final Basic Assessment Report, detailing all issues raised for the impact assessment, to the DMR; and
- Distributing a progress feedback letter to I&APs.

the Proposed Project.

The BA process is a considered to be a mini EIA process and is conducted to identify the potential environmental impacts and provide specialist inputs and mitigation measures to minimise or manage the said impacts that are relevant to the Proposed Project. As part of the BA, an environmental management programme report ("**EMPR**") will be submitted to the DMR for approval. By following the EMPR, EP and its contractors will ensure compliance with environmental legislation during the planning, construction, operation and decommissioning (if applicable) phases of

5.1.1 BA Process

5.1 Phases in an BA process

A BA process is a planning and decision-making tool undertaken in terms of the NEMA. It is a management tool that assists with the identification of any potential impacts and mitigation measures for a new development prior to its construction or implementation. As mentioned, the listed activities triggered by the Proposed Project fall within Listing Notices 1 and 3 of the 2014 EIA Regulations and require a BA process to be followed, as detailed below.

5. BASIC ASSESSMENT REPORT

<p>areas within 5 kms from protected areas identified in terms of the National Environmental Management: Protected Areas Act (Act No. 57 of 2003) ("NEM:PA") or from the core areas of a biosphere reserve.</p>	<p>• The widening or the lengthening of a road by more than 4m or 1km respectively, where such land is situated within <i>inter alia</i></p> <ul style="list-style-type: none"> • a GBA as identified in SBRs adopted by the CA, and • areas within 5 kilometres from protected areas identified in terms of the NEM:PA or from the core areas of a biosphere reserve <p>Listing No. 3 – GNR 985</p> <p>• Activity 18 (h)</p>	<p>The proposed drilling localities have been determined and existing access roads will be used as far as possible. There will however potentially be a need to widen these roads to allow for access. The Proposed Project is within / near the Markana Thormveld ecosystem and is situated in a GBA, as per the NWP-BSP</p> <p>The MPNE is situated ± 3.1 km south of the Proposed Schietfontein and Krielingsspoort Prospecting Area. The Hartbeespoort Dam Nature Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and ± 0.2 km east of the Proposed Prospecting Area respectively. The Magaliesberg Biosphere Reserve falls within the Magaliesberg Biosphere Reserve</p>	<p>Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and ± 0.2 km east of the Proposed Prospecting Area respectively. The prospecting area falls within the Magaliesberg Biosphere Reserve</p>
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6. STAKEHOLDER INVOLVEMENT

Stakeholders can get involved by doing the following:

- Registering as an I&AP by completing the attached comment response form;
- Commenting on the DBAR;
- Attending a public meeting;
- Propose ideas to solve problems that arise during the consultation process;
- Voice your concerns about proposals and their potential impact; and
- Assist with information that will contribute to a thorough study.

7. AVAILABILITY OF THE DRAFT BASIC ASSESSMENT REPORT

The DBAR will be available for public review for a period of thirty (30) days from 4 July 2019. Hard copies of the DBAR will be available at the following locations:

- EM Security Office
- Madibeng Local Library in Brits
- Mournoro Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station

I&APs can be provided with an electronic copy of the DBAR on request or alternatively download a copy from the CHEMC Environmental website at www.chemc.com. Should you have any comments on the DBAR, please forward your comments to:

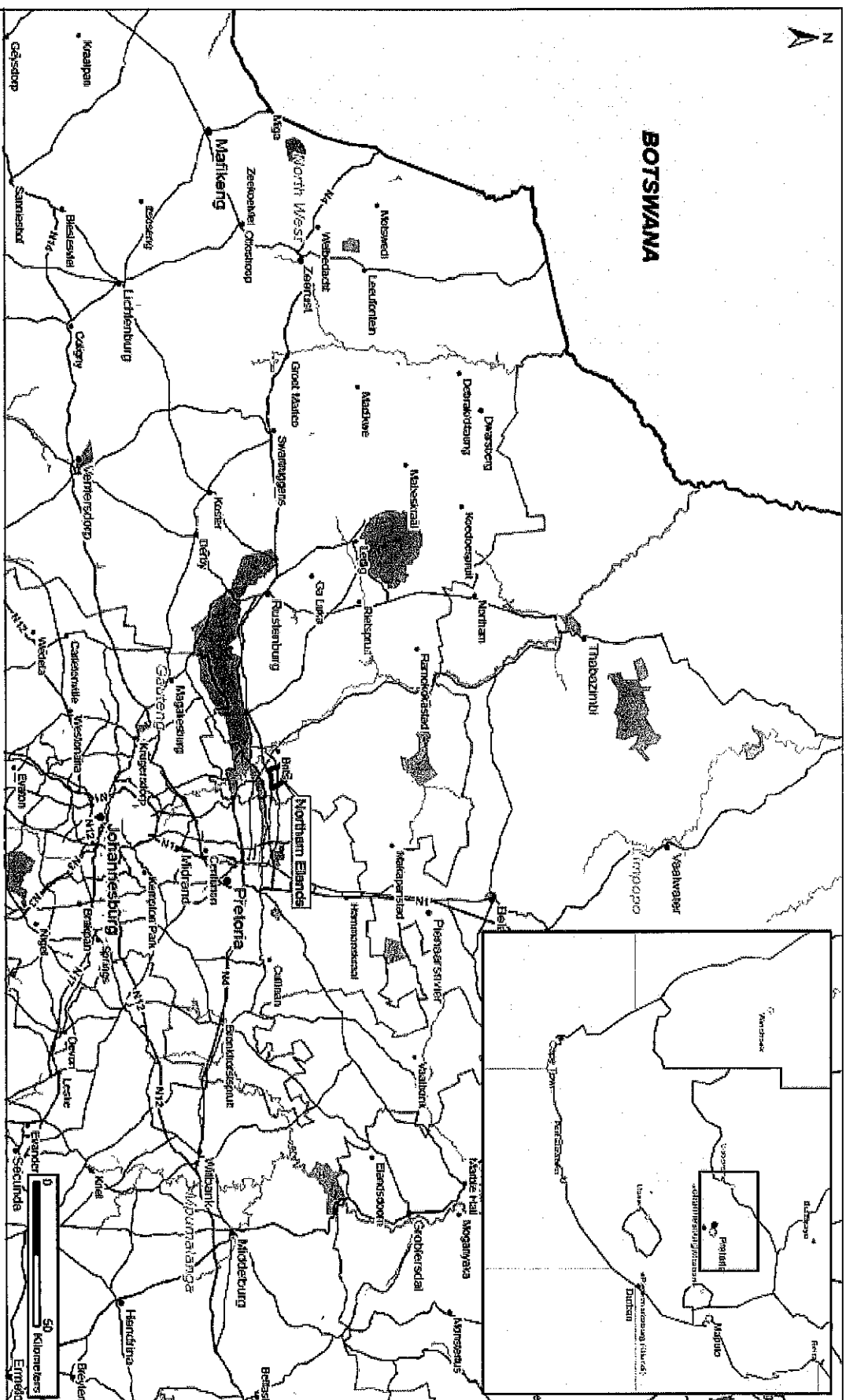
CHEMC Environmental
Contact Person: Mr. Stephan Barkhuizen and/or Marilize Potgieter
Email: stephan@chemc.com or marilize@chemc.com
Fax: 012 802 1004
Postal Address: P.O. Box 194 Persequor Park, 0020

YOUR COMMENTS ARE IMPORTANT.

The purpose of a BA process is to provide the decision-making authority with sufficient information on which to base their decision to grant or refuse the EA Application and, if granted, define conditions for the development. The contributions made by I&APs from all sectors of society will ensure informed decision-making. You are invited to participate freely and to submit any comments or information you feel may be useful to the BA process. Registered I&APs are entitled to comment, in writing, on all written submissions to the CA (DMR) and bring to its attention any issues which the party believes may be of significance to the consideration of the EA Application.

9

<p>COMMENTS</p>	<p>Date:</p>
	<p>If you are aware of any people who should be contacted in this process, please provide their details here:</p>
<p>Return to: Stephan Barkhuizen</p> <p>CHEMC Environmental</p> <p>Postal Address: P.O. Box 194, Persequor park, 0020</p> <p>Website: www.chemc.com</p>	
<p>Tel: +27 12 802 1002</p> <p>Fax: +27 12 802 1004</p> <p>Email: Stephan@chemc.com</p>	



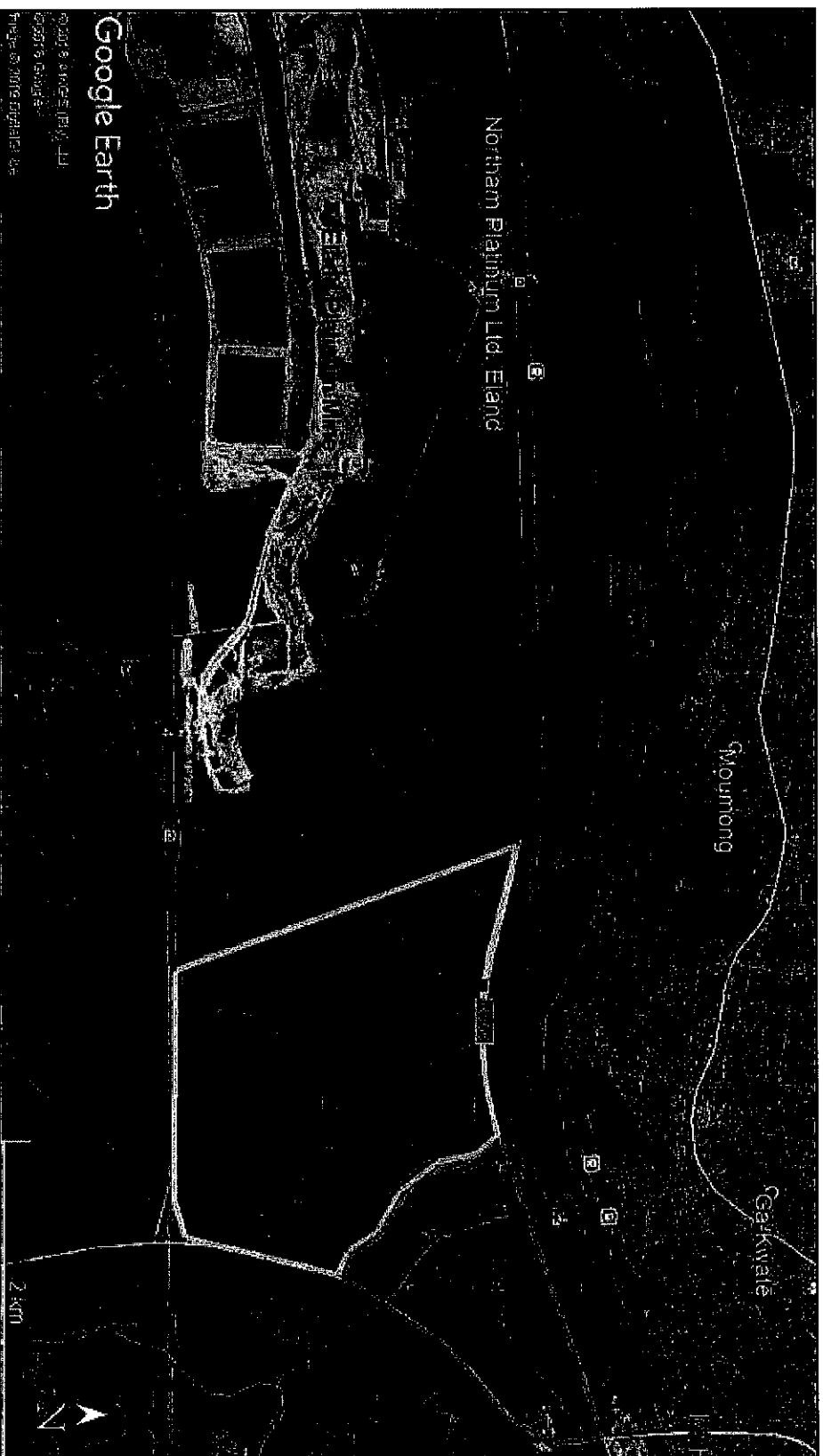
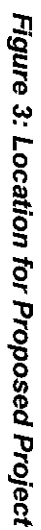


Figure 2: Aerial locality map of the EM Surface Area and Proposed Schietfontein and Krelingspost Prospecting Area





CONFIRMATION OF RECEIPT OF THE PUBLIC NOTICE FOR THE PROPOSED SCHIETFONTAIN AND KRELINGSPOST
PROSPECTING RIGHT APPLICATION (DMR REF: NW30/5/1/1/3/2/1/12604EM)

3 July 2019

No.	Name & Surname	Postal or Physical Address	Tel No.	Fax No.	E-Mail Address	Nature Of Interest	Signature
1	Wernid Schiethfontein	Posbox 18 De Wildt	0833442 5414	—	Wernid Schiethfontein@gmail.com	De Wildt Boerevereniging.	<i>[Signature]</i>
2	Johann Strauss	Geddehe 25 Schietfontein	073655 0585		strausslynette@gmail.com	Urendienaar.	<i>[Signature]</i>
3	Super Soya. (F. Kruuse)	Geddehe 2 Schietfontein	082 446230	012 509912	supersoya@rockmail.co.za	Gard Erendienaar	<i>[Signature]</i>
4	Duudt	Posbox 161 De Wildt 0251	081780 0426	—	WK1@duudt-cc	De Wildt community organisation	<i>[Signature]</i>
5							
6							
7							
8							
9							

APPENDIX 7 – OTHER COMMENTS RECEIVED

Stephan - Chemc

From:

Stephan - Chemc

Sent:

Saturday, August 03, 2019 3:40 PM

To:

mochegagency@gmail.com

Cc:

monchusi@live.com; sello7.mokale@gmail.com; ladyt more; Marilize Potgieter
(Marilize@chemc.com); Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za);
'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'
Schietfontein and Krelingsspost Prospecting right Application
(REF:NVW30/5/1/1/3/2/1/12604EM)

Good day,

Thank you for your email. We hereby acknowledge receipt of the communication and attached letter. We
take note of your comments
and have directed your concerns to the applicant and will be addressed in the Final Basic Assessment
Report.

As per previous correspondence directed by CHEMC Environmental to the Polonia CPA on 2 August 2019.
Whereas the applicant and
CHEMC Environmental will be having a meeting with the Polonia CPA on 7 August 2019 to discuss the
queries and comments raised.

We hope you find the communication in order.

Don't hesitate to contact us should you have any other queries or questions.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

Rather measure twice and cut once

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From: ladyt more [mailto:ladytmore.tm@gmail.com]

Sent: Friday, August 02, 2019 3:06 PM

To: Stephan - Chemc

Cc: monchusi@live.com; sello7.mokale@gmail.com; mochegagency@gmail.com

Subject: letter to stephan.pdf

Good day

Please see the attached documents as per our telephonic discussion

Kind regards
Polonia CPA
Moché

Stephan - ChemC

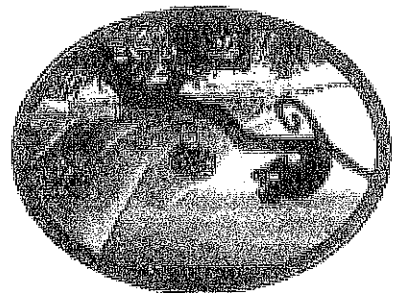
From: ladyt more <ladytmore.tm@gmail.com>
Sent: Friday, August 02, 2019 3:06 PM
To: Stephan - ChemC
Cc: monchusi@live.com; sellio7.mokale@gmail.com; mocheagency@gmail.com
Subject: letter to stephan.pdf
Attachments: letter to stephan.pdf

Good day

Please see the attached documents as per our telephonic discussion

Kind regards
Polonia CPA
Moché

LEFATSHE LA MAROPENG



Krellings Post and Schietfontein
Communal Property Association
Reg No: CPA/07/0986/A
Mr. Moche
Call : 066 314 1092/071 542 6860
Email: mocheagency@gmail.com

02/08/2019

Northam
Platinum mine
Brits

ATTENTION : Mr. Stephan

Dear Sir

We are a communal property association registered with the department of rural development and land reform, we represent more than 2000 beneficiaries, we currently own a portion of krellingspost 425 JQ which is portion 6 measuring 14 hectares, it is a portion of a land which was claimed in 1998.

We are commenting on the notice for prospecting rights which was issued on the 04/07/2019 for farm schietfontein 437JQ and krellingspost 425JQ

We are currently working with the department of rural development and land reform for north west to appeal a judgement that forced the department to withdraw other farms that were claimed, most of this farms including schietfontein 437 JQ they have our ancestors grave yards, most farmers grow their vegetables to destroy evidence that there was occupation of black people, which violates our constitutional rights to human dignity.

We believe that the proposed project is currently on the farm schietfontein 437JQ and krellingspost 425JQ which is less than 1 kilometers from our communal land, and there are graveyards within the areas intended to prospect and possibly mining in future, and our community is also entitled for job opportunities and business, however we are not consulted and we are asking for a meeting with you to seek information that will enable both business and job seekers to register and submit application necessary for them to gain access to employment and business which must be fair, inclusive, equitable and transparent.

We are not against development, we are part of the community regardless of our land claim status.

We humbly seek a meeting with you to get a better understanding of a project as whole hence we were not represented on other community meetings, and two of our executive members must represent our community in such stakeholders meetings.

We will propose to the department of rural development and land reform to consider its Framework for rural economic transformation model with regard to rural Enterprise development and share equity enterprise model to be proposed going forward.

Sincerely

Polonia Schietfontein CPA

From: Stephan - Chemic
Sent: Friday, August 02, 2019 9:03 PM
To: Lizelle Gregory; Marilize Potgieter
Cc: marylee@bokamoso.net; Alecia Pienaar (Alecia.Pienaar@cchlegal.com); Sandra Gore (Sandra.Gore@cchlegal.com); Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za); Marilize Potgieter (Marilize@chemc.com); Baiphapi! Sethaelo (Baiphapi!Sethaelo@norplats.co.za)
Subject: RE: OBJECTION PROSPECTING APPLICATION SCHIETFontein

Dear Mrs. Gregory,

Thank you for your email. We hereby acknowledge receipt of your email correspondence and attached letter.

We have directed your comments and concerns to the applicant and will respond in due course.

Don't hesitate to contact us should you have any further questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

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From: Lizelle Gregory [mailto:lizelle@bokamoso.net]
Sent: Friday, August 02, 2019 8:47 PM
To: Stephan - Chemic; Marilize Potgieter
Cc: marylee@bokamoso.net
Subject: OBJECTION PROSPECTING APPLICATION SCHIETFontein

DEAR STEPHAN

PLEASE FIND ATTACHED HERETO THE BOKAMOSO COMMENTS REGARDING THE PROSPECTING APPLICATION FOR THE Farm Schietfontein 437 JQ and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krellingspost.

Kind regards,

Lizelle Gregory
BLArch (UP)

Professional Practice Number: 97078

Professional Member At: ILASA; IAIA, SACLAP



36 Lebombo Road, Ashlea Gardens, Pretoria | PO Box 11375, Maroelana, 0161
Tel: 012 346 3810 | Fax: 086 570 5659 | Cell: 083 255 8384
Email: reception@bokamoso.net | Website: www.bokamoso.net

Stephan - ChemC

From:

Sent:

To:

Subject:

Phillip Thebe <phillip1thebe@gmail.com>
Saturday, August 03, 2019 6:50 PM

Stephan - ChemC

Mr Stephan I stand on behalf of Mokate Sebati family. We are the rightful owners of Schietfontein. The JQ numbers are 437, 435 and 425. We have all the documents and would like to sit with you and resolve the land issues.

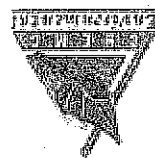
Stephan - Cherm

From: Stephan - Cherm
Sent: Friday, August 02, 2019 1:14 PM
To: Stephanie Kot
Cc:

Marilize Potgieter; Richard Gordon; Mariana Badenhorst; Alecia Pienaar
(Alecia.Pienaar@cchlegal.com); 'Martiens Prinsloo
(Martiens.Prinsloo@norplats.co.za)'; Baiphapi Sethaelo
(Baiphapi.Sethaelo@norplats.co.za)
RE: Submission of Comment: NOTICE OF AN ENVIRONMENTAL AUTHORISATION
FOR THE SCHIEFFONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND
PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Good day Stephanie,

Thank you for your email, I hereby acknowledge the receipt of the email and the attached letter.
I have directed your comments to the applicant and we will respond in due course.
Don't hesitate to contact us should you have any other questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

Rather message twice and not once

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From: Stephanie Kot [mailto:stephnie.kot@aced.co.za]
Sent: Friday, August 02, 2019 12:18 PM
To: Stephan - ChermC
Cc: Marilize Potgieter; Richard Gordon; Mariana Badenhorst

Subject: Submission of Comment: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN
AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)
Importance: High

Good day Stephan,

**SUBMISSION OF COMMENT IN RESPONSE TO NOTICE OF AN APPLICATION FOR ENVIRONMENTAL
AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE
(REF: NW30/5/1/1/3/2/1/12604EM)**

The emails below and the above-referenced application for Environmental Authorisation for the
Schieffontein/Krelingspot prospecting right, refer.

On behalf of Zolograph Investments (RF)(Pty) Ltd please find attached communication for your attention. Please
confirm receipt of this email and the attached comment letter.

Please be in touch should you wish to discuss.

Thank you.

Kind Regards,

Stephnie Kot

o.b.o. Zolograph Investments (RF)(Pty) Ltd

Email: stephnie.kot@aced.co.za

Tel: 021 670 1423

Cell: 083 318 3982

From: Stephan - ChemC [mailto:Stephan@chemc.com]
Sent: 04 July 2019 3:21 PM

To: Stephnie Kot <stephnie.kot@aced.co.za>

Cc: Marilize Potgieter <Marilize@chemc.com>; Richard Gordon <richard.gordon@alimafrika.com>; Mariana Badenhorst <mariana.badenhorst@aced.co.za>; Alecia Pienaar <Alecia.Pienaar@cdhlegal.com>

<Alecia.Pienaar@cdhlegal.com>; 'Martiens Prinsloo' <Martiens.Prinsloo@norplats.co.za>

<Martiens.Prinsloo@norplats.co.za>

Subject: [EXTERNAL] RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

This Message originated outside your organisation.

Hi Stephnie,

It's a pleasure, please see attached the kml file as requested.

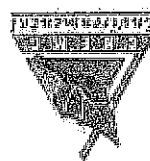
Goeie / Regards

Stephan Barkhuizen

Environmental Consultant

CHEMC Environmental

012 802 1002 / 082 639 9944



Rather measure twice and cut once

Follow us on Facebook: <https://www.facebook.com/CHEMC-Environmental-919614084785881/>

From: Stephnie Kot [mailto:stephnie.kot@aced.co.za]
Sent: Thursday, July 04, 2019 3:04 PM

To: Stephan - ChemC

Cc: Marilize Potgieter; Richard Gordon; Mariana Badenhorst; Alecia Pienaar <Alecia.Pienaar@cdhlegal.com>; 'Martiens Prinsloo' <Martiens.Prinsloo@norplats.co.za>

Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Good day Stephan,

Thank you for providing a copy of the draft BAR – I can confirm receipt thereof.

Could you kindly provide me with a shapefile (or GoogleEarth KMZ/KML) of the prospecting area under application? This will assist Zolograph with their review of the application and associated documentation.

Kind Regards,

Stephnie Kot

Email: stephnie.kot@aced.co.za

Tel: 021 670 1423

Cell: 083 318 3982

From: Stephan - Chemic [mailto:Stephan@chemc.com]
Sent: 04 July 2019 2:47 PM

To: Stephanie Kot <stephnie.kot@aced.co.za>
Cc: Marilize Potgieter <Marilize@chemc.com>; Richard Gordon <richard.gordon@allmatrica.com>; Mariana Badenhorst <mariana.badenhorst@aced.co.za>; Alecia Plenaar (Alecia.Plenaar@cdbllegal.com)
<Alecia.Plenaar@cdbllegal.com>; 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'
<Martiens.Prinsloo@norplats.co.za>
Subject: [EXTERNAL] RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

This Message originated outside your organisation.

Good day Stephanie,

Please see attached the Draft Basic Assessment Report and Annexures as per your request.



Groete / Regards
Stephan Barkhuizen
Chemic Environmental Consultant
012 802 1002 / 082 639 9944

Rather measure twice and cut once

Follow us on Facebook: <https://www.facebook.com/CHEMC-Environmental-919614084785881/>

From: Stephanie Kot [mailto:stephnie.kot@aced.co.za]
Sent: Thursday, July 04, 2019 12:50 PM

To: Stephan - Chemic
Cc: Marilize Potgieter; Richard Gordon; Mariana Badenhorst
Subject: FW: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)
Importance: High

Good day Stephan,

RE: NOTICE OF AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Your email below and the above-referenced matter refer.

I write to you on behalf of Zolograph Investments (RF)(Pty) Ltd ("Zolograph"), the owner of the De Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schietfontein 437 JQ. The De Wildt Solar PV Park was procured by the then Department of Energy ("DOE") in round 4 of the South African Government's Renewable Energy Independent Power Producer Procurement Programme, and is one of the strategic projects selected by the DOE to fulfill the Government's targets for the procurement of renewable energy. Zolograph has entered into a 20 year power purchase agreement with Eskom, in terms of which the energy generated by the De Wildt Solar PV Park will be purchased by Eskom and will form part of the country's national electricity supply. The De Wildt Solar Park is currently under construction and is due to be fully operational in Q3 2020.

Zolograph holds a valid Environmental Authorisation for the De Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schietfontein 437 JQ. Zolograph is further in possession of an approval from the Department of Mineral Resources, issued in terms of Section 53 of the Mineral and Petroleum Resources Act, for the development of the De Wildt Solar PV Park on Portions 15, 27 and 28 of the Farm Schietfontein 437-JQ.

Based on the information provided below, it would appear that the proposed prospecting right area overlaps with the De Wildt Solar PV Park site. Prospecting activities on Portions 15, 27 and/or 28 of the Farm Schietfontein 437-JQ

would be incompatible with the De Wildt Solar PV Park, and in addition prospecting (and future mining activities) in proximity to the De Wildt Solar PV Park will result in dust, vibration and other impacts that may have a significant negative impact on the De Wildt Solar Park.

Please register me as an interested and Affected Party for the above-referenced application, and provide me with electronic copies of the draft Basic Assessment Report and all appendices thereto. Zolograph will comment more fully once the BAR documentation has been received and reviewed in detail.

I look forward to your response.

Kind Regards,

Stephnie Kot

o.b.o Zolograph Investments (RF)(Pty) Ltd

Email: stephnie.kot@aced.co.za

Tel: 021 670 1423

Cell: 083 318 3982

From: Richard Gordon

Sent: 04 July 2019 8:47 AM

To: Stephnie Kot <stephnie.kot@aced.co.za>

Cc: Mariana Badenhorst <mariana.badenhorst@aced.co.za>

Subject: FW: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPoST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

From: Stephan - Chemc [<mailto:Stephan@chemc.com>]

Sent: 03 July 2019 11:52 PM

Cc: Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za) <Baiphapi.Sethaelo@norplats.co.za>; Marilize Potgieter <Marilize@chemc.com>; Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)

Subject: [EXTERNAL] RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPoST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

This Message originated outside your organisation.

RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPoST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Dear Interested and Affected Party,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Norham Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:

- the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ; and
- Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost") (collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UG2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krelingspost from the Prospecting Right Application's scope.

4. Activities applied for:

The following activity, as listed in terms of the EIA Regulations, 2014 was applied for:

- Listing Notice 1 of 2014 (G.N. 983): Activity 20
- Listing Notice 3 of 2014 (G.N. 985): Activity 12, 14 and 18.

5. Availability of the Draft Report

The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 4 July 2019. Electronic copies of the DBAR are available on request from CHEMC Environmental (details below). Hard copies of the DBAR will be available at the following locations:

- Eland Platinum Security Office
- Madibeng Local Municipality Library in Brits
- Mounong Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station.

6. Stakeholder Involvement:

Stakeholders are invited to register as interested and Affected Parties and participate in the application process by identifying issues of concern and suggestions for consideration in the technical studies. Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Perseguor Park, 0020

Email: stephan@chemc.com or Marilize@chemc.com

Don't hesitate to contact us should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 638 9944

Rather measure twice and cut once

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Stephan - Cherm

From:
Sent:
To:
Subject:

NEL & CLAASSEN ATTORNEYS <law@ncproks.co.za>
Wednesday, July 31, 2019 11:39 AM
Stephan - Cherm
RE: PROSPECTING RIGHT ELAND PLATINUM MINE REF: NW30/5/1/1/3/2/1/12604EM
// PORTION 73 KREINSGPOST// STAKEHOLDER INVOLVEMENT // HOME SHOPPER
CC & ENVIROCYCLE(PTY)LTD

Thank you for the feedback.

Vriendelike Groete / Kind Regards

J.D NEL

NEL & CLAASSEN ATTORNEYS

PKN OFFICE PARK

62 TAAIFONTEIN STREET

MONTANA PARK

Tel: (012) 548-9120 / 083 307 2291

Faks: (012) 548-9375 / 086 697 3318

e-mail: law@ncproks.co.za // ncproks@gmail.com
PostNet Suite 471, Private Bag X 504, Sinoville, 0129

"Nogtans sal ek in die Here jubel, sal ek juig in God, my Redder" Hab 3:18

"He who kneels before God can stand before anyone"

"The will of God will never take you where the Grace of God will not protect you"



Nel & Classen
PROKUREURS, TRANSPORTBEDRIJFERS & BOERDELBEDRIJFERS

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From: Stephan - Chemc <Stephan@chemc.com>
Sent: Wednesday, 31 July 2019 8:08 AM

To: NEL & CLAASSEN ATTORNEYS <law@ncproks.co.za>

Cc: Sandra Gore (Sandra.Gore@cdhlegal.com); Alecia Pienaar (Alecia.Pienaar@cdhlegal.com); 'Martiens Prinsloo' (Martiens.Prinsloo@norplats.co.za); Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za)

Subject: RE: PROSPECTING RIGHT ELAND PLATINUM MINE REF:NW30/5/1/1/3/2/1/12604EM // PORTION 73 KRELINGSPOST// STAKEHOLDER INVOLVEMENT // HOME SHOPPER CC & ENVIROCYCLE(PTY)LTD

Good day Me. Nel,

Thank you for email. Please note we hereby acknowledge the receipt of the letter and the attached list of employees.

Your comments and queries are noted and will be addressed in the Final Basic Assessment Report.

We hereby inform you that your firm, Home Shopper CC, the listed employees and Envirocycle (Pty)Ltd

have been registered as interested and Affected Parties (I&A's). Future correspondence and project updates will be shared with you when available.

As requested please see attached the following documents:

- Draft Basic Assessment and Attachments
- Background Information Document (BID).

Don't hesitate to contact us should you have any other questions or queries.



Gorete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9844

Rather measure twice and cut once

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From: NEL & CLAASSEN ATTORNEYS [mailto:law@ncproks.co.za]
Sent: Tuesday, July 30, 2019 3:41 PM

To: Stephan - Chemc

Subject: PROSPECTING RIGHT ELAND PLATINUM MINE REF:NW30/5/1/1/3/2/1/12604EM // PORTION 73 KRELINGSPOST// STAKEHOLDER INVOLVEMENT // HOME SHOPPER CC & ENVIROCYCLE(PTY)LTD

Good day,

Kindly find attached correspondence for your attention.

Kind Regards

J.D NEL
NEL & CLAASSEN ATTORNEYS
PKN OFFICE PARK
62 TAAIFONTEIN STREET
MONTANA PARK

"The information contained in this communication is confidential and may be legally privileged. It is intended solely for the use of the individual or entity to whom it is addressed and others authorised to receive it. If you are not the intended recipient you are hereby notified that any disclosure, copying, distribution or taking action in reliance of the contents of this information is strictly prohibited and may be unlawful. NEL & CLAASSEN ATTORNEYS are liable neither for the proper, complete transmission of the information contained in this communication, nor for any delay in its receipt, nor for the assurance that it is virus-free. Copyright in this e-mail and its attachments belongs to NEL & CLAASSEN ATTORNEYS."

Nel & Claassen
PROKURERS, TRANSPORTBESORGERE & BOEDELMERDEMAARS



"The will of God will never take you where the Grace of God will not protect you"

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"Nogtans sal ek in die Here jubel, sal ek juig in God, my Redder" Hab 3:18

Tel: (012) 548-9120 / 083 307 2291
Faks: (012) 548-9375 / 086 697 3318
e-mail: law@ncproks.co.za // ncproks@gmail.com
PostNet Suite 471, Private Bag X 504, Sinoville, 0129

Net & Classen
PROKUREURS, TRANSPORTBESORGERE & BOEDELBEREIDERSAARS



TEL: (012) 548-9120
FAX: (012) 548-9375
CELL: 083 307 2291
FAX2EMAIL: 086 697 3318

RKN OFFICEPARK
62 TAAIFONTEIN STREET
MONTANA, PRETORIA
POSTNET SUITE#471, PRIVATE BAG X504, SINOVILLE, 0129
E-MAIL: law@ncproks.co.za / ncproks@gmail.com

Ons verw: JD0848
Our ref:

U verw: STEPHAN BARKHUIZEN
Your ref:

30 JULIE 2019

CHEMC ENVIRONMENTAL
BY E-MAIL: stephan@chemc.com

Dear Sir,

RE: PROSPECTING RIGHT ELAND PLATINUM MINE REF: NW30/5/1/1/3/2/1/12604EM // PORTION 73 (A PORTION OF PORTION 67) OF THE FARM KRELINGSPOST 425, JQ, NORTH WEST // STAKEHOLDER INVOLVEMENT // HOME SHOPPER CC & ENVIROCYCLE(PTY)LTD

We refer to the above matter and confirm that we are acting on behalf of HOME SHOPPER CC & ENVIROCYCLE(PTY)LTD.

We have received the Landowners/Tenants Notification dated 3 July 2019 on behalf of our clients.

Kindly provide us with an electronic copy of the Background Information Document and Draft Basic Assessment Report to: law@ncproks.co.za

Kindly take note that HOME SHOPPER CC is the registered owner of the immovable property known as PORTION 73 (A PORTION OF PORTION 67) OF THE FARM KRELINGSPOST 425, JQ, NORTH WEST.

Take note further that ENVIROCYCLE (PTY)LTD is trading from this immovable property since 2001 as a recycling and disposal enterprise and has since grown into one of the largest dealers in South Africa specialising in Ferrous metal, Non-Ferrous metal, glass and recyclables.

J.D. Nel B.Proc.
L. Claassen, LLB

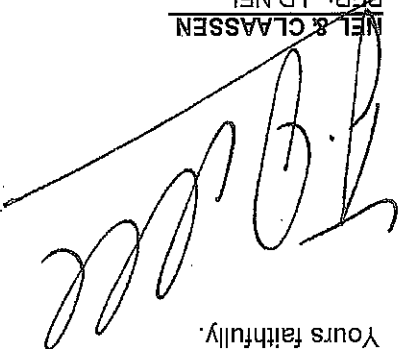
PORTION 73 (A PORTION OF PORTION 67) OF THE FARM KRELINGSPOST 425, JQ, NORTH
WEST was rezoned during November 2012 for Industrial Business, Warehouse, Workshops, Offices,
Shops, Motor Dealership and Scrap Yard.

HOME SHOPPER CC & ENVIROCYCLE(PTY)LTD is to be registered as Interested and Affected
Parties, together with all employees and clients with details as per attached annexures.

Notification to HOME SHOPPER CC & ENVIROCYCLE(PTY)LTD as well as their employees is to be
forwarded to c/o: law@ncproks.co.za

We trust you find this to be in order.

Yours faithfully.



NEL & CLAASSEN
PER: J.D NEL
(DICTATED BUT NOT READ)
(ELECTRONICALLY SIGNED AND TRANSMITTED)

J.D. Nel B.Proc.
I. Claassen, LLB

Stephan - Chemc

From: Stephan - Chemc
Sent: Friday, August 02, 2019 1:42 PM
To: mochaeagency@gmail.com
Cc: Baiphapi! Sethaelo; Alecia Plenaar; Martiens Prinsloo; Marilize Potgieter; Sandra Gore
Subject: Schietfontein and Krelingspost Prospecting right Application (REF: NW30/5/1/1/3/2/1/12604EM)

Good day Mr. Moche,

As per our telephonic correspondence earlier today.

I hereby confirm our conversation regarding the proposed Schietfontein and Krelingspost Prospecting Right Application and the potential impact of the proposed activities on the property owned by the Polonia Community Property Association (CPA). I hereby confirm your request for a meeting to discuss the queries raised and additional information that you seek to provide on the meeting.

As agreed we will have a meeting on Wednesday (7 August 2019) @ 10:00. We will meet at the De Wildt Filling Station on the corner of the R566 and M21.

I will send a formal meeting request shortly. Kindly please acknowledge receipt of the email.

You can contact me on:

Stephan Barkhuizen
Tel: 012 802 1002
Cell: 082 639 9944

Email: stephan@chemc.com

Thank you.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

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From: Baiphapi! Sethaelo [mailto:Baiphapi.Sethaelo@norplats.co.za]
Sent: Wednesday, July 31, 2019 1:46 PM
To: Stephan - Chemc; mochaeagency@gmail.com
Subject: Interested and affected parties- Polonia query

Good day Stephan,

I am linking you with the gentlemen copied on this email. He has questions regarding the EIA process and prospecting rights linked to Northam Eland. Kindly assist.

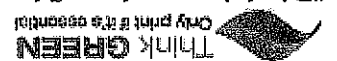
Kind regards,

Baiphapi! Sethaelo

Stakeholder Engagement Specialist
+27 12 381 4099 (tel) | +27 87 158 8506 (direct line)



Main Office, Farm Elandsfontein 440 JO, District of Brits, South Africa
PO Box 3436, Brits, 0250, South Africa
<http://www.northam.co.za>
Independent Ethics & Fraud Hotline – 0800 152 539



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Subject: Prospecting Right Application - Schietfontein and Krellingspost
Location: De Wildt Filling Station - Cnr R566 and M21

Start: Wed 8/7/2019 10:00 AM
End: Wed 8/7/2019 11:00 AM

Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Stephan - Chemic
Required Attendees: mocheagency@gmail.com
Optional Attendees: Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za); Alecia Pienaar (Alecia.Pienaar@cdhlegal.com); Sandra Gore (Sandra.Gore@cdhlegal.com)

Good day,

The meeting is in relation to the proposed Schietfontein and Krellingspost Prospecting Right Application.
The agenda for the meeting will be as follow:

1. Opening and welcome;
2. Brief Introduction and background of the project;
3. Comments and queries relating to the application
4. Possible Site visit.
5. Meeting close.

You can contact me on: Stephan Barkhuizen

Tel: 012 802 1002
Cell: 082 639 9944
Email: stephan@chemc.com

Stephan - Chemc

From: Stephan - Chemc
Sent: Thursday, July 04, 2019 10:53 AM
To: Jenny Rudeck
Cc: 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'; Baiphapi Setaelo (Baiphapi.Setaelo@norplats.co.za); Marilize Potgieter (Marilize@chemc.com)
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORIZATION FOR THE SCHIETFontein AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Goeie dag mev Rudeck,

Baie dankie vir u epos. Ons het u kontak besonderhede by die De Wild Helpmekaar Maatskappy gekry. Ons neem kennis van u versoek en sal sodoende 'n afspraak met Mr Van Der Merwe maak.

Lekker dag.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944
Environmental

Rather measure twice and cut once

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From: Jenny Rudeck [mailto:jenny.rudeck@gmail.com]
Sent: Thursday, July 04, 2019 9:38 AM

To: Stephan - Chemc

Subject: Re: NOTICE OF AN ENVIRONMENTAL AUTHORIZATION FOR THE SCHIETFontein AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Goeie dag.

Hierdie is nie die kontak details vir die eenaar van gedeelte 100 SCHIETFontein nie.

Die eenaar is mnr JJ van der merwe.

Hy is 'n pensionaris en is nie in staat om dokumente te besigtig by al die genoemde plekke nie.

Ek stel dus voor dat u of u afgevaardigde 'n afspraak maak met hom en u dokumente saamneem sodat hy kan insig kry daarin.

Sy kontak nommer is 0760261591.

Geliewe ontvangs te erken op hierdie epos.

Met dank.

Mev Rudeck

On Wed, 03 Jul 2019, 11:52 PM Stephan - Chemc, <Stephan@chemc.com> wrote:

Dear Interested and Affected Party,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Northam Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting

activities ("Proposed Project") will be undertaken on:

- the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schieffontein 437 JQ; and
- Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krellingspost 425 JQ ("Krellingspost"), (collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UGS2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krellingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver,

copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krellingspost from the Prospecting Right Application's scope.

4. Activities applied for:

The following activity, as listed in terms of the EIA Regulations, 2014 was applied for:

- Listing Notice 1 of 2014 (G.N. 983): Activity 20
- Listing Notice 3 of 2014 (G.N. 985): Activity 12, 14 and 18.

5. Availability of the Draft Report

The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 4 July 2019. Electronic copies of the DBAR are available on request from CHEMC Environmental

(details below). Hard copies of the DBAR will be available at the following locations:

- Eland Platinum Security Office
- Madibeng Local Municipality Library in Brits
- Mounong Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station.

6. Stakeholder Involvement:

Stakeholders are invited to register as Interested and Affected Parties and participate in the application process by identifying issues of concern and suggestions for consideration in the technical studies.

Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Persequor Park, 0020

Email: stephan@chemc.com or Marilize@chemc.com

Don't hesitate to contact us should you have any questions or queries.



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Stephan - Chemic

From:

Sent:

Thursday, July 04, 2019 3:21 PM

To:

Cc:

Stephnie Kot
Marilize Potgieter; Mariana Badenhorst; Alecia Pienaar
(Alecia.Pienaar@cchlegal.com); 'Martiens Prinsloo'
(Martiens.Prinsloo@norplats.co.za)

Subject:

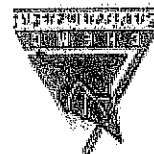
RE: NOTICE OF AN ENVIRONMENTAL AUTHORIZATION FOR THE SCHIETFONTAIN
AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF:
NW30/5/1/1/3/2/1/12604EM)

Attachments:

Schietfontein and Krelingspost application.kml

Hi Stephnie,

It's a pleasure, please see attached the kml file as requested.



Groete / Regards
Stephan Baikhuzen
Environmental Consultant
CHERIC Environmental
012 802 1002 / 082 639 9944

Rather measure twice and cut once

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From: Stephnie Kot [mailto:stephnie.kot@aced.co.za]

Sent: Thursday, July 04, 2019 3:04 PM

To: Stephan - Chemic

Cc: Marilize Potgieter; Richard Gordon; Mariana Badenhorst; Alecia Pienaar (Alecia.Pienaar@cchlegal.com); 'Martiens Prinsloo' (Martiens.Prinsloo@norplats.co.za)

Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORIZATION FOR THE SCHIETFONTAIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Good day Stephan,

Thank you for providing a copy of the draft BAR – I can confirm receipt thereof.

Could you kindly provide me with a shapefile (or GoogleEarth KMZ/KML) of the prospecting area under application? This will assist Zoolograph with their review of the application and associated documentation.

Kind Regards,

Stephnie Kot

Email: stephnie.kot@aced.co.za

Tel: 021 670 1423

Cell: 083 318 3982

From: Stephan - Chemic [mailto:Stephan@chemc.com]

Sent: 04 July 2019 2:47 PM

To: Stephnie Kot <stephnie.kot@aced.co.za>

Cc: Marilize Potgieter <Marilize@chemc.com>; Richard Gordon <richard.gordon@allmatfrica.com>; Mariana Badenhorst <mariana.badenhorst@aced.co.za>; Alecia Pienaar (Alecia.Pienaar@cchlegal.com)

<Alectia.Plenaar@cddhlegal.com>; 'Martiens Prinsloo' (Martiens.Prinsloo@norplats.co.za)

<Martiens.Prinsloo@norplats.co.za>

Subject: [EXTERNAL] RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

This Message originated outside your organisation.

Good day Stephanie,

Please see attached the Draft Basic Assessment Report and Annexures as per your request.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

Rather measure twice and cut once

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From: Stephanie Kot [mailto:stephnie.kot@aced.co.za]
Sent: Thursday, July 04, 2019 12:50 PM

To: Stephan - Chemc

Cc: Marilize Potgieter; Richard Gordon; Mariana Badenhorst

Subject: FW: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Importance: High

Good day Stephan,

RE: NOTICE OF AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Your email below and the above-referenced matter refer.

I write to you on behalf of Zolograph Investments (RF)(Pty) Ltd ("Zolograph"), the owner of the De Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schieffontein 437 JQ. The De Wildt Solar PV Park was procured by the then Department of Energy ("DOE") in round 4 of the South African Government's Renewable Energy Independent Power Producer Procurement Programme, and is one of the strategic projects selected by the DOE to fulfill the Government's targets for the procurement of renewable energy. Zolograph has entered into a 20 year power purchase agreement with Eskom, in terms of which the energy generated by the De Wildt Solar PV Park will be purchased by Eskom and will form part of the country's national electricity supply. The De Wildt Solar Park is currently under construction and is due to be fully operational in Q3 2020.

Zolograph holds a valid Environmental Authorisation for the De Wildt Solar PV Park located on Portions 15, 27 and 28 of the Farm Schieffontein 437 JQ. Zolograph is further in possession of an approval from the Department of Mineral Resources, issued in terms of Section 53 of the Mineral and Petroleum Resources Act, for the development of the De Wildt Solar PV Park on Portions 15, 27 and 28 of the Farm Schieffontein 437-JQ.

Based on the information provided below, it would appear that the proposed prospecting right area overlaps with the De Wildt Solar PV Park site. Prospecting activities on Portions 15, 27 and/or 28 of the Farm Schieffontein 437-JQ would be incompatible with the De Wildt Solar PV Park, and in addition prospecting (and future mining activities) in proximity to the De Wildt Solar PV Park will result in dust, vibration and other impacts that may have a significant negative impact on the De Wildt Solar Park.

Please register me as an Interested and Affected Party for the above-referenced application, and provide me with electronic copies of the draft Basic Assessment Report and all appendices thereto. Zolograph will comment more fully once the BAR documentation has been received and reviewed in detail.

I look forward to your response.

Kind Regards,

Stephnie Kot

o.b.o Zolograph Investments (RF)(Pty) Ltd

Email: stephnie.kot@aced.co.za

Tel: 021 670 1423

Cell: 083 318 3982

From: Richard Gordon

Sent: 04 July 2019 8:47 AM

To: Stephnie Kot <stephnie.kot@aced.co.za>

Cc: Mariana Badenhorst <mariana.badenhorst@aced.co.za>

Subject: FW: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

From: Stephan - Chemc [mailto:Stephan@chemc.com]

Sent: 03 July 2019 11:52 PM

Cc: Baiphapi Sethaele (Baiphapi.Sethaele@norplats.co.za) <Baiphapi.Sethaele@norplats.co.za>; Marilize Potgieter <Marilize@chemc.com>; Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)

<Martiens.Prinsloo@norplats.co.za>

Subject: [EXTERNAL] RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

This Message originated outside your organisation.

RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Dear Interested and Affected Party,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Northam Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:

- the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ; and
- Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost"), collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UGS2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingsspoort are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krelingsspoort from the Prospecting Right Application's scope.

4. Activities applied for:

The following activity, as listed in terms of the EIA Regulations, 2014 was applied for:

- Listing Notice 1 of 2014 (G.N. 983): Activity 20
- Listing Notice 3 of 2014 (G.N. 985): Activity 12, 14 and 18.

5. Availability of the Draft Report

The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 4 July 2019. Electronic copies of the DBAR are available on request from CHEMC Environmental (details below). Hard copies of the DBAR will be available at the following locations:

- Eland Platinum Security Office
- Madibeng Local Municipality Library in Brits
- Moumang Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station.

6. Stakeholder Involvement:

Stakeholders are invited to register as Interested and Affected Parties and participate in the application process by identifying issues of concern and suggestions for consideration in the technical studies. Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Perseguor Park, 0020

Email: stephan@chemc.com or Marilize@chemc.com

Don't hesitate to contact us should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

Kathar measure twice and cut once

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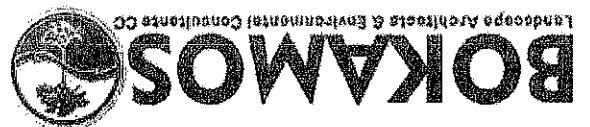
Stephan - ChemC

From: marylee@bokamoso.net
Sent: Friday, July 05, 2019 12:30 PM
To: Stephan - ChemC
Subject: RE: Schietfontein and Krellingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

Thank you Stephan.

Kind regards,

Mary-Lee van Zyl
QC Manager and Senior EAP
BSc Ecology (UP), BSc (Hons) Plant Science (UP), MSc Plant Science (UP)



36 Lebombo Road, Ashlea Gardens, Pretoria | PO Box 11375, Maroelana, 0161
Tel: 012 346 3810 | Fax: 086 570 5659
Email: reception@bokamoso.net | Website: www.bokamoso.net

From: Stephan - ChemC [mailto:Stephan@chemc.com]
Sent: Friday, July 5, 2019 12:19 PM
To: marylee@bokamoso.net
Cc: lizelle; juanita@bokamoso.net; adele; Marilize Potgieter; Alecia Pienaar; Martiens Prinsloo; Baiphapi Sethaelo
Subject: RE: Schietfontein and Krellingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

Good day,

Find attached the documents as requested.

Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944
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Environmental

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From: marylee@bokamoso.net [mailto:marylee@bokamoso.net]
Sent: Friday, July 05, 2019 12:04 PM
To: Stephan - ChemC
Cc: lizelle; juanita@bokamoso.net; adele; Marilize Potgieter; Alecia Pienaar; Martiens Prinsloo; Baiphapi Sethaelo
Subject: RE: Schietfontein and Krellingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

Good day Stephan,

Thank you for the confirmation.

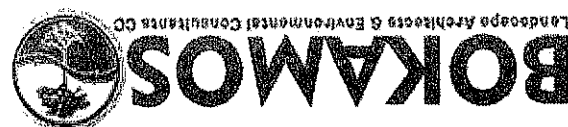
Please provide us with all the annexures – even if it will be separate emails or a Dropbox link.

Kind regards,

Mary-Lee van Zyl

QC Manager and Senior EAP

BSc Ecology (UP), BSc (Hons) Plant Science (UP), MSc Plant Science (UP)



36 Lebombo Road, Ashlea Gardens, Pretoria | PO Box 11375, Maroelana, 0161
Tel: 012 346 3810 | Fax: 086 570 5659
Email: reception@bokamoso.net | Website: www.bokamoso.net

From: Stephan - ChemoC [mailto:Stephan@chemc.com]
Sent: Friday, July 5, 2019 11:17 AM

To: marylee@bokamoso.net

Cc: 'lizelle'; juanita@bokamoso.net; adele; Marilize Potgieter; Alecia Pienaar (Alecia.Pienaar@cchleggal.com);
'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'; Baiqhapi Sethaelo (Baiqhapi.Sethaelo@norplats.co.za)
Subject: RE: Schietfontein and Krellingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

Good day Me. Van Zyl,

Thank you for your email. Please note Bokamoso has been registered as an I&AP and will be informed of any future correspondence.

See attached the Draft Basic Assessment Report and Draft EMP. Please let me know what Annexures you will also require as they are large files and may prevent the email from reaching you.

Don't hesitate to contact me should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
CHEMC Environmental
012 802 1002 / 082 639 9944

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From: marylee@bokamoso.net [mailto:marylee@bokamoso.net]
Sent: Friday, July 05, 2019 9:25 AM

To: Stephan - ChemoC

Cc: 'lizelle'; juanita@bokamoso.net; adele

Subject: Schietfontein and Krellingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

RE: THE APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFONTein AND KRELLINGSPOST PROSPECTING RIGHT IN THE NORTH WEST PROVINCE

Good day Stephan,

Kindly register Bokamoso Landscape Architects and Environmental Consultants CC as interested and affected party on the application for prospecting right on various portions of the farm Krellingspost and Schietfontein.

Our contact details are as follows: Lizelle Gregory/Mary-Lee van Zyl/Juanita de Beer
E-mail: lizelle@bokamoso.net/marylee@bokamoso.net/juanita@bokamoso.net
Landline: 012 346 3810

Cell phone: 083 255 8384
Fax: 086 570 5659

Please could you supply us with all relevant information regarding this project that are available at this stage.
It is furthermore requested that you keep our office informed of all new information, reports, meetings etc.
throughout the remainder of this project.

Kindly confirm receipt of this email and that we are registered as interested and affected party.

Kind regards,

Mary-Lee van Zyl

QC Manager and Senior EAP

BSc Ecology (UP), BSc (Hons) Plant Science (UP), MSc Plant Science (UP)



36 Lebombo Road, Ashlea Gardens, Pretoria | PO Box 11375, Maroelana, 0161
Tel: 012 346 3810 | Fax: 086 570 5659
Email: reception@bokamoso.net | Website: www.bokamoso.net

Stephan - Chemic

From: juanita@bokamoso.net
Sent: Tuesday, July 30, 2019 9:59 AM
To: Stephan - Chemic
Cc: marylee; adele; lizelle
Subject: RE: Schietfontein and Krelingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

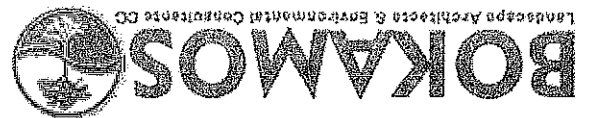
Hi Stephan,

Thank you.

Kind regards,

Juanita de Beer

Personal Assistant (PA) to Owner and Public Participation Officer



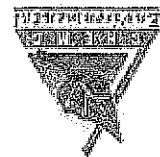
36 Lebombo Road, Ashlea Gardens, Pretoria | PO Box 11375, Maroelana, 0161
Tel: 012 346 3810 | Fax: 086 570 5659
Email: reception@bokamoso.net | Website: www.bokamoso.net

From: Stephan - Chemic [mailto:Stephan@chemc.com]
Sent: 30 July 2019 08:46 AM
To: juanita@bokamoso.net
Cc: marylee; adele; lizelle
Subject: RE: Schietfontein and Krelingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

Good day Juanita,

Thank you for your email, please note that I have forward the requested information to you and your colleague on the 5th of July 2019.

See the attached emails.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

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From: juanita@bokamoso.net [mailto:juanita@bokamoso.net]
Sent: Friday, July 26, 2019 1:06 PM
To: Stephan - Chemic
Cc: marylee; adele; lizelle
Subject: Schietfontein and Krelingspost Prospecting Right (REF: NW30/5/1/1/3/2/1/12604EM)

RE: THE APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFONTein AND KRELINGSPOST PROSPECTING RIGHT IN THE NORTH WEST PROVINCE

Good day Stephan,

Kindly register Bokamoso Landscape Architects and Environmental Consultants CC on behalf of Kroon Chickens as an Interested and Affected Party (I&AP) on the application for prospecting right on various portions of the farm Krellingspost and Schietfontein.

Our contact details are as follows: Lizelle Gregory/Mary-Lee van Zyl/Juanita de Beer
E-mail: lizelle@bokamoso.net/marylee@bokamoso.net/juanita@bokamoso.net
Landline: 012 346 3810
Cell phone: 083 255 8384
Fax: 086 570 5659

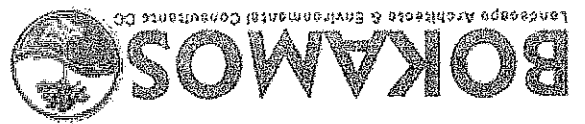
Please could you supply us with all relevant information regarding this project that are available at this stage. It is furthermore requested that you keep our office informed of all new information, reports, meetings etc. throughout the remainder of this project.

Kindly confirm receipt of this email and that we are registered as interested and affected party.

Kind regards,

Juanita de Beer

Personal Assistant (PA) to Owner and Public Participation Officer



36 Lebombo Road, Ashlea Gardens, Pretoria | PO Box 11375, Maroelana, 0161
Tel: 012 346 3810 | Fax: 086 570 5659
Email: reception@bokamoso.net | Website: www.bokamoso.net

Stephan - ChemC

From: Stephan - ChemC
Sent: Tuesday, July 09, 2019 7:30 AM
To: Keabetswe Mothupi
Cc: Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'; Alecia Pienaar (Alecia.Pienaar@cdhlegal.com)
Subject: RE: Acknowledgement letter

Good day,

Thank you for your email. We acknowledge the receipt thereof.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944
Environmental

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From: Keabetswe Mothupi [mailto:keabetswe.mothupi@drdlr.gov.za]
Sent: Monday, July 08, 2019 3:53 PM

To: Stephan - ChemC

Subject: Acknowledgement letter

Good day.

Kindly find the attached

Keabetswe W Mothupi
Administrative Officer: IMS
RLCC NW: MMABATHO
018 388 7220



OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: NORTH WEST
Cnr James Moroka and Sekame drive, West gallery, Megacity, MMABATHO
Tel: (018) 388 7000

Reference: R/7/016/07/2019

Enquiries: K.W Mthuphi

Tel: (018) 388-7220 / E-mail: Keabetswe.mthuphi@drdlr.gov.za

By E-Mail: stephan@chemc.com

Dear Stephan

LAND CLAIM ENQUIRY: THE REMAINING EXTENT OF PORTIONS 5, 32, 99, 24, 27, 28, 33, 34, 35, 100 AND 101 OF THE FARM SCHIETFOONTEIN 437 JQ PORTIONS 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 & 80 OF THE FARM KRELINGSPLOST 425 JQ

I acknowledge receipt of your letter dated the 03 of July 2019 regarding the above mentioned matter.

Kindly note that a formal response could be expected from our office within the next 7(seven) working days.

Should you however require any additional information, you can contact Ms K.W Mthuphi at the above mentioned contact details.

Yours faithfully

MR L.J. BOGATSU

CHIEF DIRECTOR

OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER
NORTH WEST PROVINCE

DATE: 08/07/2019

Stephan - Chemc

From: Stephan - Chemc
Sent: Wednesday, July 10, 2019 2:46 PM
To: Adele du Toit
Cc: Alecia Pienaar (Alecia.Pienaar@cdbllegal.com); Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za); Marilize Potgieter (Marilize@chemc.com)

Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFONTAIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Tracking: Recipient Read

Adele du Toit
Alecia Pienaar (Alecia.Pienaar@cdbllegal.com)
Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za)
Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)
Marilize Potgieter (Marilize@chemc.com)
Marilize Potgieter
Read: 7/15/2019 4:39 PM

Good day Me Du Toit,

Thank you for your message and we hereby acknowledge the receipt thereof.
Please note you have been registered as an interested and affected party (i&AP) and future correspondence will be directed to you.

Your comments are noted and will be addressed in the Final Report.

Don't hesitate to contact us should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9844

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From: Adele du Toit [mailto:elem@compuhost.co.za]
Sent: Wednesday, July 10, 2019 1:22 PM
To: Stephan - Chemc

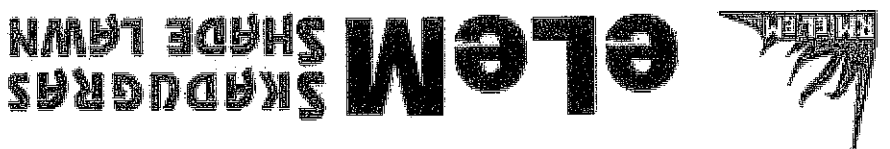
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFONTAIN AND KRELINGSPOT PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Dear Stephan

Thank you for the notice, kindly note that we would like register as interested and affected party in your application process. Our main concern is around the use of ground water and the negative impact it will have on our farming activities.

Vriendelike groete / kind greetings

Adele du Toit
Bestuurder / Manager
eLeM Skadugras



From: Stephan - Chemc [mailto:Stephan@chemc.com]
Sent: Wednesday, 03 July 2019 23:52
Cc: Baihapi Sethaelo (Baihapi.Sethaelo@norplats.co.za) <Baihapi.Sethaelo@norplats.co.za>; Marilize Potgieter <Marilize@chemc.com>; Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)
<Martiens.Prinsloo@norplats.co.za>
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Dear Interested and Affected Party,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Northam Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:

- the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ; and
- Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost"), collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UG2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krelingspost from the Prospecting Right Application's scope.

4. Activities applied for:

The following activity, as listed in terms of the EIA Regulations, 2014 was applied for:

- > Listing Notice 1 of 2014 (G.N. 983): Activity 20
- > Listing Notice 3 of 2014 (G.N. 985): Activity 12, 14 and 18.

5. Availability of the Draft Report

The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 4 July 2019. Electronic copies of the DBAR are available on request from CHEMC Environmental (details below). Hard copies of the DBAR will be available at the following locations:

- Eland Platinum Security Office
- Madibeng Local Municipality Library in Brits
- Mounong Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station.

6. Stakeholder Involvement:

Stakeholders are invited to register as Interested and Affected Parties and participate in the application process by identifying issues of concern and suggestions for consideration in the technical studies. Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Perseus Park, 0020

Email: stephan@chemc.com or Marilize@chemc.com

Don't hesitate to contact us should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9844

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Follow us on Facebook: <https://www.facebook.com/CHEMC-Environmental-919614084785881/>

Stephan - ChemC

From: Gontse Nthathé <gontsenhathé@yahoo.com>
Sent: Wednesday, July 17, 2019 10:57 AM
To: Stephan - ChemC
Cc: llsamabunda@madibeng.gov.za; Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za); Alecia Pienaar (Alecia.Pienaar@cchlegal.com); Baiphapi Setaelo (Baiphapi.Setaelo@norplats.co.za)
Subject: Re: APPLICATION FOR AN ENVIRONMENTAL AUTHORIZATION FOR THE SCHIETFontein AND KRELINGSPoST PROSPECTING RIGHT FOR ELAND PLATINUM
MINE REF: NW30/5/1/1/3/2/1/12604EM

Thank you Stephan

I will keep in contact.

Your prompt reply is appreciated.

Kind regards
WG. Nthathé (Mr)
e.gontsenhathé@yahoo.com c+27835375489

On 17 Jul 2019, at 09:30, Stephan - ChemC <Stephan@chemc.com> wrote:
Good day Mr Nthathé,

Thank you for your email. I think there might have been a slight misunderstanding. Please note that a hard copy of the Draft Basic Assessment report is available at the library for review.

In the event that you wish for an electronic copy of the report, you should have contacted me directly. Please see attached a copy of the Draft Basic Assessment report, Background Information Document and public notice as per your request.

Don't hesitate to contact me directly should you have any other queries.

<image004.jpg>
Follow us on Facebook: <https://www.facebook.com/CHEMC-Environmental-919614084785881/>
From: gontsenhathé@yahoo.com [mailto:gontsenhathé@yahoo.com]
Sent: Wednesday, July 17, 2019 9:19 AM
To: Stephan - ChemC
Cc: llsamabunda@madibeng.gov.za; customercare@madibeng.gov.za
Subject: FW: Public Notice Copy

Morning Stephan

I've made several contact attempts to Madibeng Local Municipality and I still haven't received the requested documents as yet.

Please assist accordingly should you in possession of the document.

Kind regards
W.G. Nthathle (Mr)

e.gontsenhathle@yahoo.com c.0835375489

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

From: Gontse Nthathle <gontsenhathle@yahoo.com>
To: "lissamabunda@madibeng.gov.za" <lissamabunda@madibeng.gov.za>
Cc: "customercare@madibeng.gov.za" <customercare@madibeng.gov.za>
Sent: Wednesday, July 17, 2019, 8:48:46 AM GMT+2
Subject: Fwd: Public Notice Copy

Morning Lisa

Please read through the emails below and assist with the matter.

Kind regards

WG. Nthathle (Mr)

e.gontsenhathle@yahoo.com c+27835375489

Begin forwarded message:

From: Gontse Nthathle <gontsenhathle@yahoo.com>
Date: 10 July 2019 at 07:32:40 SAST
To: customercare@madibeng.gov.za
Subject: Public Notice Copy

<image003.jpg>

Dear customer care

I asking for a copy of public notice "application for environmental authorization for the Schietfontein & Krellingspost prospecting right for Eland Platinum Mine Ref: BW30/5/1/3/2/1/12604EM".

A clear copy of this attachment.

Your assistance will be appreciated in this regard.

Kind regards

WG. Nthathle (Mr)

e.gontsenhathle@yahoo.com c+27835375489

<Final Draft BAR - Schiet_Krelling- June 2019.pdf>

<Final Public and Site Notice - Prospecting Right.pdf>

<Final Schiet and Krellings Draft BID - June 19.pdf>

Stephan - Chemc

From: Wendy Ralekoa <RalekoaW@dws.gov.za>
Sent: Thursday, July 04, 2019 4:06 PM
To: Lobakeng Chadwick; Stephan - Chemc
Cc: Matsheka Selby (MMB)
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFTONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Well noted, thanks.

From: Lobakeng Chadwick
Sent: Thursday, 04 July 2019 13:37
To: Stephan@chemc.com
Cc: Matsheka Selby (MMB); Wendy Ralekoa
Subject: FW: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFTONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Hi Stephan

I have copied Ms Wendy Ralekoa in this email for her immediate attention to your correspondence.
Wendy for your action please.

From: Stephan - Chemc [mailto:stephan@chemc.com]
Sent: Wednesday, 03 July 2019 23:14
To: Wendy Ralekoa; Botha Rens (GAU); Lobakeng Chadwick; Ferris Elize Andrea (MMB); Ramafoko Mampho (MMB); Kutama Herbert (HBP/GAU)
Cc: Baihapi Sethaelo (Baihapi.Sethaelo@norplats.co.za); Marilize Potgieter; Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFTONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)
RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION PROCESS FOR PROSPECTING ACTIVITIES PROPOSED BY ELAND PLATINUM (PTY) LTD (DMR REF: NW30/5/1/1/3/2/1/12469EM)

Attention: Department of Water and Sanitation,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Northam Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:
• the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ; and
• Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost"), collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UGS2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krelingspost from the Prospecting Right Application's scope.

4. Activities applied for:

The following activity, as listed in terms of the EIA Regulations, 2014 was applied for:

- Listing Notice 1 of 2014 (G.N. 983): Activity 20
- Listing Notice 3 of 2014 (G.N. 985): Activity 12, 14 and 18.

5. Availability of the Draft Report

The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 4 July 2019. Electronic copies of the DBAR are available on request from CHEMC Environmental (details below). Hard copies of the DBAR will be available at the following locations:

- Eland Platinum Security Office
- Madibeng Local Municipality Library in Brits
- Mounong Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station.

6. Stakeholder Involvement:

Stakeholders are invited to register as Interested and Affected Parties and participate in the application process by identifying issues of concern and suggestions for consideration in the technical studies.

Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Perseguor Park, 0020

Email: stephan@chemc.com or Marillize@chemc.com

Don't hesitate to contact us should you have any questions or queries.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

Rather message twice and not once

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DISCLAIMER: This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water and Sanitation further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.

Stephan - ChemC

From: Stephan - ChemC
Sent: Thursday, July 04, 2019 9:54 AM
To: 'Hans van Rensburg'
Cc: Marilize Potgieter; Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za); 'Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za)'
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFONTein AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Tracking: Recipient Read

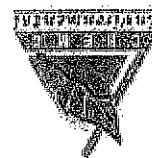
'Hans van Rensburg'
Marilize Potgieter
Baiphapi Sethaelo
(Baiphapi.Sethaelo@norplats.co.za)
'Martiens Prinsloo
(Martiens.Prinsloo@norplats.co.za)'

Good Morning Mr Van Rensburg,

Thank you for your email.

Please note you have been included on our Interested and Affected Party Register and will be notified of any future correspondence.

Don't hesitate to contact me should you have any queries or questions.



Groete / Regards
Stephan Barkhuizen
Environmental Consultant
CHEMC Environmental
012 802 1002 / 082 639 9944

Rather measure twice and cut once

Follow us on Facebook: <https://www.facebook.com/CHEMC-Environmental-919614084785881/>

From: Hans van Rensburg [mailto:hansvr@labapro.co.za]
Sent: Thursday, July 04, 2019 9:00 AM
To: Stephan - ChemC
Cc: Marilize Potgieter
Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIETFONTein AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)
Importance: High

Hi Stephan!

Ref: NW30/5/1/1/3/2/1/12604EM

Thank you for the invitation to be registered as a stakeholder/affected party to the intended process.

I am the owner of Portion 76, 90 and 91 of the farm Schietfontein 437JQ.

Any questions and or clarity, feel free to contact me.

Regards,
Hans van Rensburg
082 551 5971

From: Stephan - Chemc
Sent: 03 July 2019 11:52 PM

Cc: Baiphapi Sethaelo (Baiphapi.Sethaelo@norplats.co.za) <Baiphapi.Sethaelo@norplats.co.za>; Marilize Potgieter <Marilize@chemc.com>; Martiens Prinsloo (Martiens.Prinsloo@norplats.co.za) <Martiens.Prinsloo@norplats.co.za>

Subject: RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

RE: NOTICE OF AN ENVIRONMENTAL AUTHORISATION FOR THE SCHIEFFONTEIN AND KRELINGSPOST PROSPECTING RIGHT FOR ELAND PLATINUM MINE (REF: NW30/5/1/1/3/2/1/12604EM)

Dear Interested and Affected Party,

CHEMC Environmental has been appointed by Eland Platinum to undertake an Environmental Authorisation ("EA") application process for Eland Platinum (Pty) Ltd. Notice is given of the application for an Environmental Authorisation ("EA") in terms of the National Environmental Management Act 107 of 1998 ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 ("2014 EIA Regulations").

1. Proponent:

Eland Platinum (Pty) Ltd, registration number 2016/427918/07, a wholly owned subsidiary of Norham Platinum Ltd, is the owner and operator of the Eland Platinum Mine, situated in the Brits area.

2. Property Description:

The proposed prospecting right area is situated approximately 14 km south-east of Brits, directly north of the N4 national freeway and south of the R566 Brits-Rosslyn provincial road. The proposed prospecting activities ("Proposed Project") will be undertaken on:
• the Remaining Extent of Portions 5, 32 and 99; and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schieffontein 437 JQ; and
• Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("Krelingspost"), (collectively the "Proposed Prospecting Area").

3. Project Description:

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting exclusively the Merensky Pyroxenite, UG2 and UG1 chromitite layers in, on or under the Proposed Prospecting Area. The MG and LG seams are therefore excluded from the scope of the prospecting right application ("Prospecting Right Application") and associated prospecting works programme. It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded in relation to Portions 2 and 3 of Krelingspost from the Prospecting Right Application's scope.

4. Activities applied for:

The following activity, as listed in terms of the EIA Regulations, 2014 was applied for:
• Listing Notice 1 of 2014 (G.N. 983): Activity 20
• Listing Notice 3 of 2014 (G.N. 985): Activity 12, 14 and 18.

5. Availability of the Draft Report

The Draft Basic Assessment Report ("DBAR") will be available for public review for a period of 30 days from 4 July 2019. Electronic copies of the DBAR are available on request from CHEMC Environmental (details below). Hard copies of the DBAR will be available at the following locations:

- Eland Platinum Security Office
- Madibeng Local Municipality Library in Brits

- Mounong Store in Mmakau
- De Wildt Helpmekaar Offices
- Mmakau Police Station.

6. Stakeholder Involvement:

Stakeholders are invited to register as Interested and Affected Parties and participate in the application process by identifying issues of concern and suggestions for consideration in the technical studies.

Please submit your written comments by mail, fax or email within 30 days to Stephan Barkhuizen at:

CHEMC Environmental:

Tel number: 012 802 1002 or 012 802 1505

Fax number: 012 802 1004

Postal address: P.O. Box 194, Persequor Park, 0020

Email: stephan@chemc.com or Marilize@chemc.com

Don't hesitate to contact us should you have any questions or queries.

Groete / Regards

Stephan Barkhuizen

Environmental Consultant

CHEMC Environmental

012 802 1002 / 082 639 9044




Rather measure twice and cut once

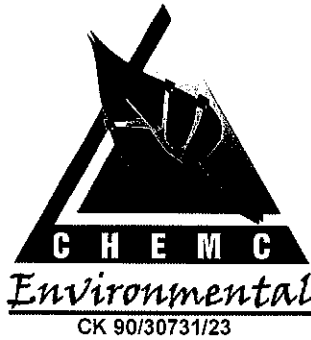
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Appendix 8

**Proof of Draft Basic Assessment Report and Public Notice sent to Stakeholders for
comments - 3 July 2019**

**DRAFT BASIC ASSESMENT REPORT AND PUBLIC NOTICE FOR THE APPLICATION
FOR AN ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED SCHIETFontein
AND KRELINGSPOST PROSPECTING APPLICATION (DMR REF:
NW30/5/1/1/3/2/1/12604EM)**

Details	Contact Person	Postal Address	Track and Trace Details
Bojanala Platinum District Municipality	Amanda Bubu	P.O. Box 1993, Rustenburg, 0300	REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RC305989899ZA CUSTOMER COPY 301028R
North West Department of Rural, Environment And Agricultural Development (NWREAD)	Ouma Skosana	Private Bag X2039, Mmabatho 2735	REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RC305989823ZA CUSTOMER COPY 301028R
Department of Environmental Affairs	Director: Environmental Authorisations	Private Bag X447 Pretoria 0001	REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RC305989885ZA CUSTOMER COPY 301028R
Department of Agriculture, Forestry and Fisheries	Chief Director: Agriculture	Private Bag X2039, Mmabatho, 2735	REGISTERED LETTER <small>(with a domestic insurance option)</small> ShareCall 0860 111 502 www.sapo.co.za RC305989845ZA CUSTOMER COPY 301028R
			



PO Box 194
Persequor Park
0020

☎ (012) 802-1002
📠 (012) 802-1004
📠 082-892-4282 (Jannie)
📠 082-829-7386 (Conrad)
✉ Conrad@chemc.com

Receipt of Acknowledgement

2 July 2019

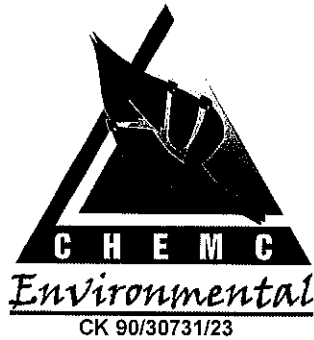
Eland Platinum Mine Security Office
Physical Address: R566 Elandsfontein Farm

DELIVERY OF THE DRAFT BASIC ASSESSMENT REPORT AND PUBLIC NOTICE FOR THE PROPOSED SCHIETFontein AND KRELINGSPOST PROSPECTING RIGHT APPLICATION (DMR REF: NW30/5/1/1/3/2/1/12604EM)

Attention: To whom this may concern

Please find 1x hard copy of Draft Basic Assessment Report and Public Notice for the Proposed Schietfontein and Krelingspost Prospecting Right Application (DMR REF: NW30/5/1/1/3/2/1/12604EM).

Receiver Name: PETER BOSHI
Where: ELAND MINE BRITS CURC
Date: 03/07/19
Signature: Boshi
Department Stamp:



PO Box 194
Perseus Park
0020

(012) 802-1002
(012) 802-1004
082-892-4282 (Jannie)
082-829-7386 (Conrad)
Conrad@chemc.com

Receipt of Acknowledgement

2 July 2019

De Wildt Helpmekaar Centre

DELIVERY OF THE DRAFT BASIC ASSESSMENT REPORT AND PUBLIC NOTICE FOR THE PROPOSED SCHIETFONTEIN AND KRELINGSPOST PROSPECTING RIGHT APPLICATION (DMR REF: NW30/5/1/1/3/2/1/12604EM)

Attention: To whom this may concern

Please find 1x hard copy of Draft Basic Assessment Report and Public Notice for the Proposed Schietfontein and Krelingspost Prospecting Right Application (DMR REF: NW30/5/1/1/3/2/1/12604EM).

Receiver Name: Suzette Pieterse

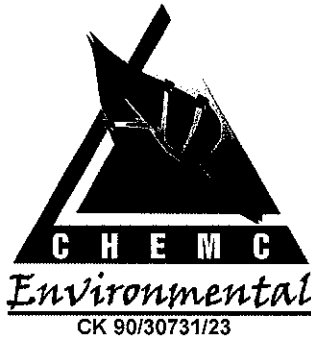
Where: De Wildt Helpmekaar Mpy

Date: 3/7/2019

Signature: 

Department Stamp:





PO Box 194
Persequor Park
0020

☎ (012) 802-1002
📠 (012) 802-1004
📠 082-892-4282 (Jannie)
📠 082-829-7386 (Conrad)
✉ Conrad@chemc.com

Receipt of Acknowledgement

2 July 2019

Madibeng Local Library
Physical Address: 51 Van Velden St, Brits

DELIVERY OF THE DRAFT BASIC ASSESSMENT REPORT AND PUBLIC NOTICE FOR THE PROPOSED SCHIETFONTEIN AND KRELINGSPOST PROSPECTING RIGHT APPLICATION (DMR REF: NW30/5/1/1/3/2/1/12604EM)

Attention: To whom this may concern

Please find 1x hard copy of Draft Basic Assessment Report and Public Notice for the Proposed Schietfontein and Krelingspost Prospecting Right Application (DMR REF: NW30/5/1/1/3/2/1/12604EM).

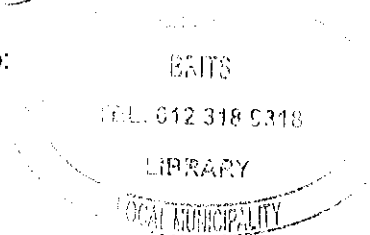
Receiver Name: VIOLET Kgomo

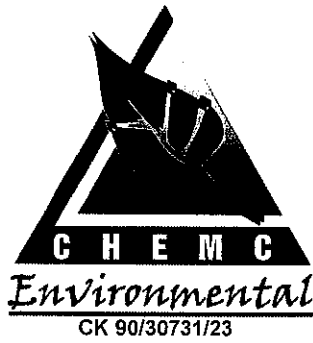
Where: BRITS LIBRARY

Date: 03 July 2019

Signature: [Signature]

Department Stamp:





PO Box 194
Persequor Park
0020

☎ (012) 802-1002
☎ (012) 802-1004
☎ 082-892-4282 (Jannie)
☎ 082-829-7386 (Conrad)
✉ Conrad@chemc.com

Receipt of Acknowledgement

2 July 2019

Mmakau Police Station

DELIVERY OF THE DRAFT BASIC ASSESSMENT REPORT AND PUBLIC NOTICE FOR THE PROPOSED SCHIETFONTEIN AND KRELINGSPPOST PROSPECTING RIGHT APPLICATION (DMR REF: NW30/5/1/1/3/2/1/12604EM)

Attention: To whom this may concern

Please find 1x hard copy of Draft Basic Assessment Report and Public Notice for the Proposed Schietfontein and Krelingspost Prospecting Right Application (DMR REF: NW30/5/1/1/3/2/1/12604EM).

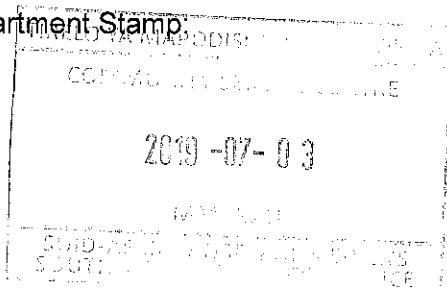
Receiver Name: W/O. NM. Madabane

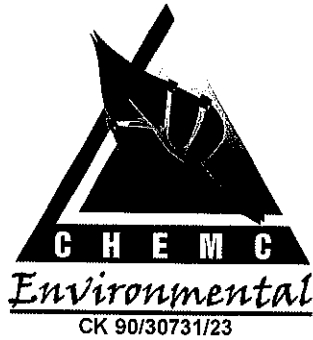
Where: Mmakau SAPS

Date: 2019-07-03

Signature: [Signature]

Department Stamp:





PO Box 194
Persequor Park
0020

☎ (012) 802-1002
📠 (012) 802-1004
📠 082-892-4282 (Jannie)
📠 082-829-7386 (Conrad)
✉ Conrad@chemc.com

Receipt of Acknowledgement

2 July 2019

Moumoro Store in Mmakau

DELIVERY OF THE DRAFT BASIC ASSESSMENT REPORT AND PUBLIC NOTICE FOR THE PROPOSED SCHIETFONTEIN AND KRELINGSPOST PROSPECTING RIGHT APPLICATION (DMR REF: NW30/5/1/1/3/2/1/12604EM)

Attention: To whom this may concern

Please find 1x hard copy of Draft Basic Assessment Report and Public Notice for the Proposed Schietfontein and Krelingspost Prospecting Right Application (DMR REF: NW30/5/1/1/3/2/1/12604EM).

Receiver Name: Main vddin

Where: _____

Date: 03-07-2019

Signature: Hani

Department Stamp:

Appendix 7



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

NAME OF APPLICANT:

ELAND PLATINUM PROPRIETARY LIMITED

PROSPECTING WORK PROGRAMME

SUBMITTED FOR A PROSPECTING RIGHT APPLICATION WITHOUT BULK SAMPLING

**AS REQUIRED IN TERMS OF SECTION 16 READ TOGETHER WITH REGULATION 7 OF THE MINERAL AND PETROLEUM RESOURCES
DEVELOPMENT ACT (ACT 28 of 2002)**

STANDARD DIRECTIVE

All applicants for prospecting rights are herewith, in terms of the provisions of section 16 of the Mineral and Petroleum Resources Development Act 28 of 2002 and Regulation 7(1) of the Mineral and Petroleum Resources Development Regulations, directed to submit a Prospecting Work Programme, strictly under the following headings and in the following format together with the application for a prospecting right.

1. INTRODUCTION

Eland Platinum Proprietary Limited ("**Eland Platinum**") is a wholly-owned subsidiary of Northam Platinum Limited ("**Northam**"). Northam is listed on the Johannesburg Stock Exchange with a market capitalisation of some R22 billion (January 2019).

This Prospecting Works Programme includes the Remaining Extent of Portion 5 and Portion 24 (a portion of Portion 2), Portion 27 (a portion of Portion 2), Portion 28 (a portion of Portion 2), the Remaining Extent of Portion 32, Portion 33 (a portion of Portion 32), Portion 34 (a portion of Portion 2), Portion 35 (a portion of Portion 2), the Remaining Extent of Portion 99, Portion 100 (a portion of Portion 99) and Portion 101 (a portion of Portion 99) of the Farm Schietfontein 437 JQ ("**Schietfontein**") and Portion 2, Portion 3, Portion 70 (a portion of Portion 67), Portion 71 (a portion of Portion 67), Portion 72 (a portion of Portion 67), Portion 73 (a portion of Portion 67), Portion 74 (a portion of Portion 67), Portion 75 (a portion of Portion 67), Portion 76, Portion 79 and Portion 80 of the Farm Krelingspost 425 JQ ("**Krelingspost**"), which properties will comprise of the proposed prospecting area included in the prospecting right application by Eland Platinum ("**Proposed Schietfontein / Krelingspost Prospecting Area**").

As indicated in Figure 1 below, the Proposed Schietfontein / Krelingspost Prospecting Area is to the east of the area included in the mining rights held by Eland Platinum for the Eland Platinum Mine, namely the Zilkaatsnek Mining Right (DMR Reference. No: NW 30/5/1/2/2/341MR) ("**Mining Right 341**") and Elandsfontein Mining Right (DMR Ref. No: NW 30/5/1/2/2/280MR) ("**Mining Right 280**"). The Proposed Schietfontein / Krelingspost Prospecting Area is important for an extension of Eland Platinum's mine operations.

As detailed in this Prospecting Works Programme, the proposed prospecting operations will target exclusively the Merensky Pyroxenite, UG2 and UG1 chromitite layers on, in and under the Proposed Schietfontein / Krelingspost Prospecting Area. The MG and LG seams are therefore excluded from the scope of Eland Platinum's application for the prospecting right ("**Prospecting Right Application**") and this Prospecting Works Programme.

We understand that Portions 2 and 3 of Krelingspost are subject to a prospecting right application for gold, silver, copper, cobalt, nickel and uranium by Ugwa Consulting Services CC, which was accepted in August 2011. As such and only in relation to Portions 2 and 3 of Krelingspost, the minerals gold, silver, copper, cobalt, nickel and uranium are specifically excluded from the scope of the Prospecting Right Application and this Prospecting Works Programme.

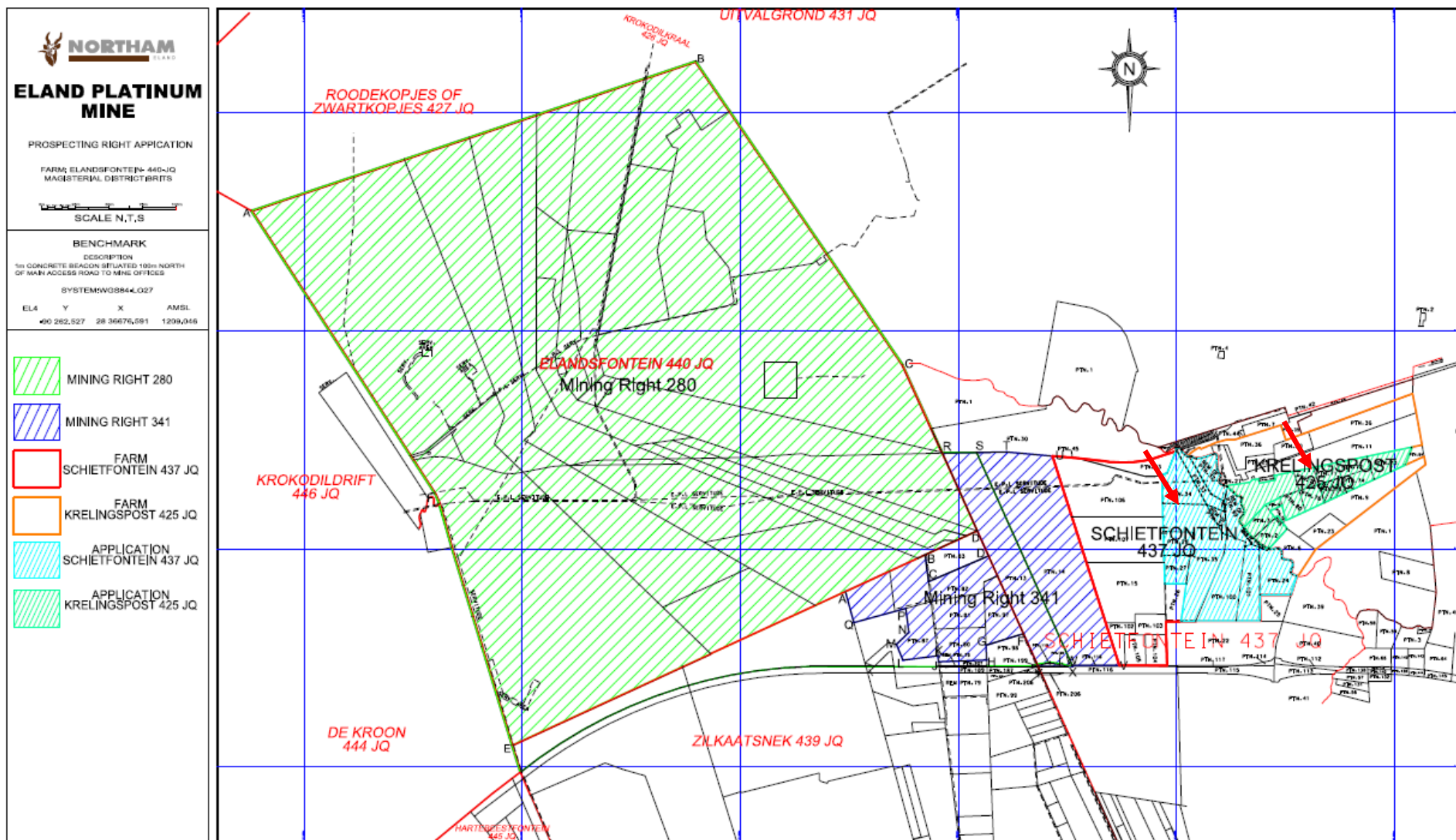


Figure 1. Mining Rights held by Eland Platinum and Proposed Schietfontein / Krelingspost Prospecting Area

The main aim of the Prospecting Works Programme is to conduct further prospecting work to better understand the structural complexity of the Bushveld Igneous Complex ("**BIC**") to the east of Eland Platinum's existing mining rights.

2. REGULATION 7.1 (a): FULL PARTICULARS OF THE APPLICANT

ITEM	COMPANY CONTACT DETAILS
Company	Eland Platinum Proprietary Limited
Registered Office	Building 4, 1st Floor Maxwell Office Park Magwa Crescent West, Waterfall City Jukskei View 2090, South Africa
Physical Address	Farm Elandsfontein 440 JQ Brits, North West Province, 0250
Name	Jacques Pretorius
Tel no	(012) 381 4099
Fax no	(0)86 411 8000
E-mail address	Jacques.Pretorius@norplats.co.za
Postal address	PO Box 412694 Craighall 2024 South Africa

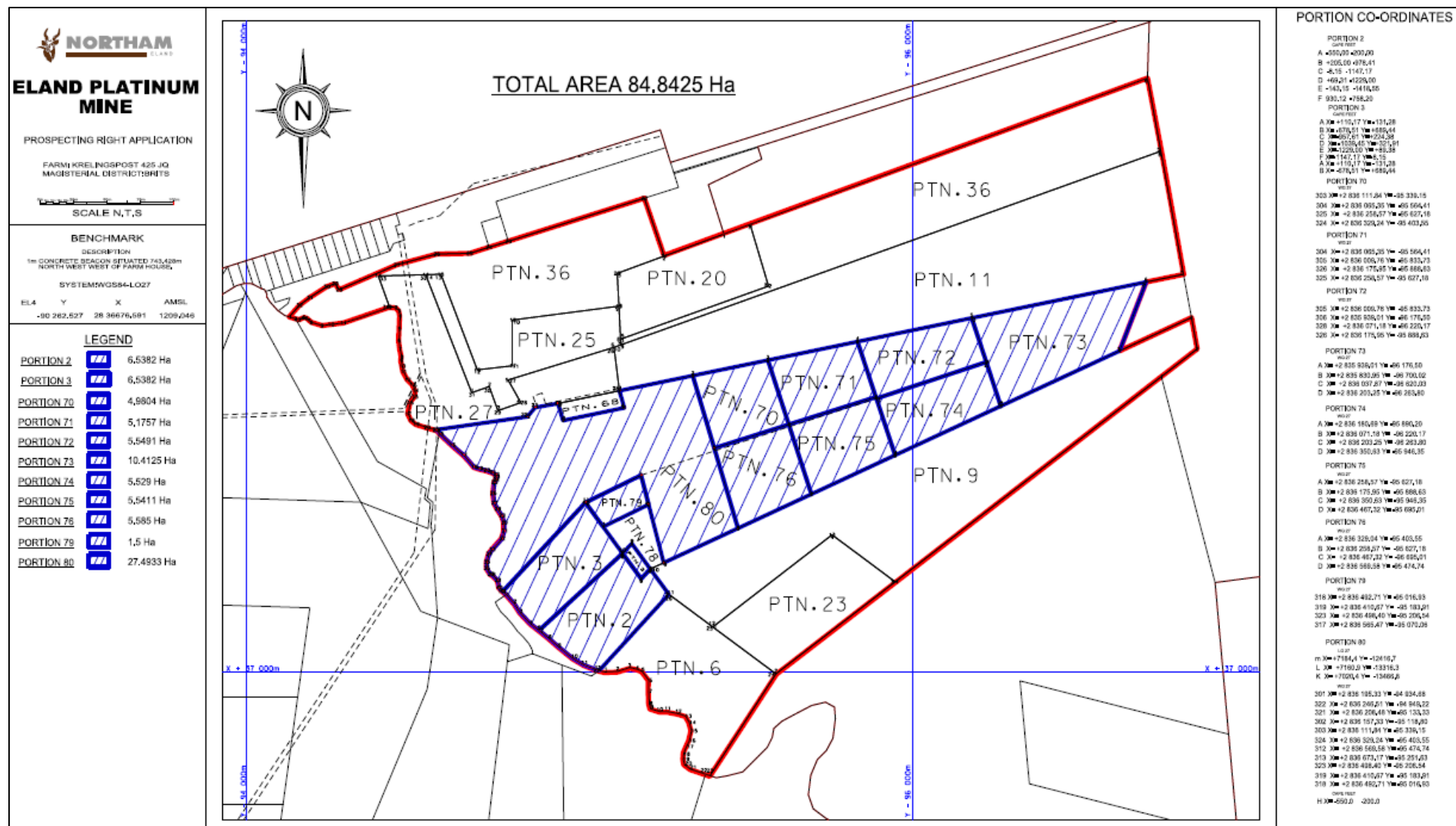


Figure 3. Portions of the Farm Krelingspost 425 JQ

3. REGULATION 7(1)(c): THE REGISTERED DESCRIPTION OF THE LAND TO WHICH THE APPLICATION RELATES

4.1 Farm Schietfontein 437 JQ, Brits, North West

Portion	:	Remaining Extent of Portion 5, measuring 2.1756 hectares in extent
Title deed number	:	T104186/2007
Owner	:	Private owners - FJ Strauss, L Strauss & NM Ras
Portion	:	Portion 24 (a portion of Portion 2), measuring 17.8382 hectares in extent
Title deed number	:	T97818/2007
Owner	:	Private owners - FJ Strauss & L Strauss
Portion	:	Portion 27 (a portion of Portion 2), measuring 8.8184 hectares in extent
Title deed number	:	T97820/2007
Owner	:	Private owners - FJ Strauss & L Strauss
Portion	:	Portion 28 (a portion of Portion 2), measuring 8.7843 hectares in extent
Title deed number	:	T97821/2007
Owner	:	Private owners - FJ Strauss & L Strauss
Portion	:	Remaining Extent of Portion 32, measuring 15.0021 hectares in extent
Title deed number	:	T6689/1986
Owner	:	Private owners – MN Ras
Portion	:	Portion 33 (a portion of Portion 32), measuring 8.5653 hectares in extent
Title deed number	:	T97822/2007
Owner	:	Private owners - FJ Strauss & L Strauss
Portion	:	Portion 34 (a portion of Portion 32), measuring 17.7839 hectares in extent
Title deed number	:	T97817/2007
Owner	:	Private owners - FJ Strauss & L Strauss
Portion	:	Portion 35 (a portion of Portion 2), measuring 49.659 hectares in extent
Title deed number	:	T6689/1986
Owner	:	Private owners – MN Ras
Portion	:	Remaining Extent of Portion 99, measuring 11.339 hectares in extent
Title deed number	:	T135805/1998
Owner	:	Private owners – RG Jacobs

Portion	:	Portion 100 (a portion of Portion 99), measuring 30.1315 hectares in extent
Title deed number	:	T84976/1990
Owner	:	Private owners – JJR van der Merwe & JJ van der Merwe
Portion	:	Portion 101 (a portion of portion 99), measuring 18.7922 hectares in extent
Title deed number	:	T15399/1997
Owner	:	Madala's Padmark CC

4.2 Krelingspost 425 JQ, Brits, North West

Portion	:	Portion 2, measuring 6.5382 hectares in extent
Title deed number	:	T15571/2012
Owner	:	Super Soya CC
Portion	:	Portion 3, measuring 6.5382 hectares in extent
Title deed number	:	T17805/2014
Owner	:	Macal Farms CC
Portion	:	Portion 70 (a portion of Portion 67), measuring 4.9804 hectares in extent
Title deed number	:	T129549/2006
Owner	:	Kreylingspost Nr 10 De Wildt Pty Ltd
Portion	:	Portion 71 (a portion of Portion 67), measuring 5.1757 hectares in extent
Title deed number	:	T129550/2006
Owner	:	Kreylingspost Nr 10 De Wildt Pty Ltd
Portion	:	Portion 72 (a portion of Portion 67), measuring 5.5491 hectares in extent. (This property is incorrectly referred to as a portion of Portion 10 in T129551/2006. This inaccuracy can be evidenced by the endorsements for T129546/2006 for Portion 67 (a portion of Portion 10), wherein <i>inter alia</i> Portion 72 was subdivided from Portion 67 (evidenced by SG diagram A5465/199) and not Portion 10.
Title deed number	:	T129551/2006
Owner	:	Kreylingspost Nr 10 De Wildt Pty Ltd
Portion	:	Portion 73 (a portion of Portion 67), measuring 10.4125 hectares in extent
Title deed number	:	T171835/2007
Owner	:	Home Shopper CC
Portion	:	Portion 74, (a portion of Portion 67) measuring 5.529 hectares in extent
Title deed number	:	T129553/2006
Owner	:	Kreylingspost Nr 10 De Wildt Pty Ltd

Portion : Portion 75 (a portion of Portion 67), measuring 5.5411 hectares in extent
Title deed number : T129554/2006
Owner : Kreylingspost Nr 10 De Wildt Pty Ltd

Portion : Portion 76 (a portion of Portion 67), measuring 5.5850 hectares in extent
Title deed number : T129555/2006
Owner : Kreylingspost Nr 10 De Wildt Pty Ltd

Portion : Portion 79 (a portion of Portion 67), measuring 1.500 hectares in extent
Title deed number : T129558/2006
Owner : Kreylingspost Nr 10 De Wildt Pty Ltd

Portion : Portion 80, measuring 27.4933 hectares in extent
Title deed number : T129559/2006
Owner : Corporate Flat CC

4. REGULATION 7(1)(d) and (e): THE MINERAL OR MINERALS TO BE PROSPECTED FOR

The possible mineable minerals are listed in the table below. Please note that the primary mineral mined is chromite having a general formula of $(\text{Mg}, \text{Fe}^{2+})(\text{Cr}, \text{Al}, \text{Fe}^{3+})_2\text{O}_4$.

The below table pertains only to the Merensky Pyroxenite, UG2 and UG1 chromitite layers and is subject to the exclusion of (i) the MG and LG seams across the whole of the Proposed Schietfontein / Krelingspost Prospecting Area; and (ii) gold, silver, copper, cobalt, nickel and uranium minerals on Portions 2 and 3 of Krelingspost.

Mineral	Primary/ Associated	Formula	Description	Definition as per MPRDA
Chromite and Silicates bearing <i>Platinum Group Metals / Elements</i>	Associated	Includes the formula of all ore minerals bearing platinum group minerals (Pt, Pd, Os, Ir, Ru & Rh)	All ore minerals bearing platinum, palladium, osmium, iridium, rhodium and ruthenium metals developed in the various lithological layers of the BIC.	Code: PGM Commodity: Platinum Group Metals Type_Code: PGM Type_Description: Platinum Group Minerals
<i>Copper Ore Minerals</i>	Associated	Includes the formula of all ore minerals bearing copper (Cu)	All ore minerals bearing copper (Cu).	Code: Cu Commodity: Copper Ore Type_Code: B Type_Description: Ferrous and base metals
<i>Chromite</i>	Primary	General formula; $(\text{Mg}, \text{Fe}^{2+})(\text{Cr}, \text{Al}, \text{Fe}^{3+})_2\text{O}_4$	Mineral is developed in Upper, Middle-and Lower Group Chromitite Layers in the Critical Zone of the BIC.	Code: Cr Commodity: Chrome Ore Type_Code: B Type_Description: Ferrous and base metals
<i>Gold Ore Minerals</i>	Associated	Includes the formula of all ore minerals bearing gold (Au)	All ore mineral bearing gold (Au)	Code: Au Commodity: Gold Ore Type_Code: GS

				Type_Description: Ferrous and base metals
<i>Cobalt Ore Minerals</i>	Associated	Includes the formula of all ore minerals bearing cobalt (Co)	All ore mineral bearing cobalt (Co)	Code: Co Commodity: Cobalt Ore Type_Code: B Type_Description: Ferrous and base metals
<i>Silver Ore Minerals</i>	Associated	Includes the formula of all ore minerals bearing silver (Ag)	All ore mineral bearing silver (Ag)	Code: Ag Commodity: Silver Ore Type_Code: GS Type_Description: Ferrous and base metals
<i>Nickel Ore Minerals</i>	Associated	Includes the formula of all ore minerals bearing nickel (Ni)	All ore mineral bearing nickel (Ni)	Code: Ni Commodity: Nickel Ore Type_Code: B Type_Description: Ferrous and base metals
<i>Lead Ore Minerals</i>	Associated	Includes the formula of all ore minerals bearing lead (Pb)	All ore mineral bearing lead (Pb)	Code: Pb Commodity: Lead Type_Code: B Type_Description: Ferrous and base metals

5.1 Description why the Geological formation substantiates the minerals to be prospected for

The Proposed Schietfontein / Krelingspost Prospecting Area is located adjacent to the east of Eland Platinum Mine, where the platinum bearing UG1, UG2 and Merensky reefs occur. The Proposed Schietfontein / Krelingspost Prospecting Area is located within the south-eastern most region of the western limb of the BIC.

The BIC comprises of volcanic rocks (Rooiberg Group); a mafic layered suite (Rustenburg Layered Suite); and sheeted granite (Lebowa Granite Suite) emplaced onto and within sediments of the Transvaal Supergroup (Figure 4).

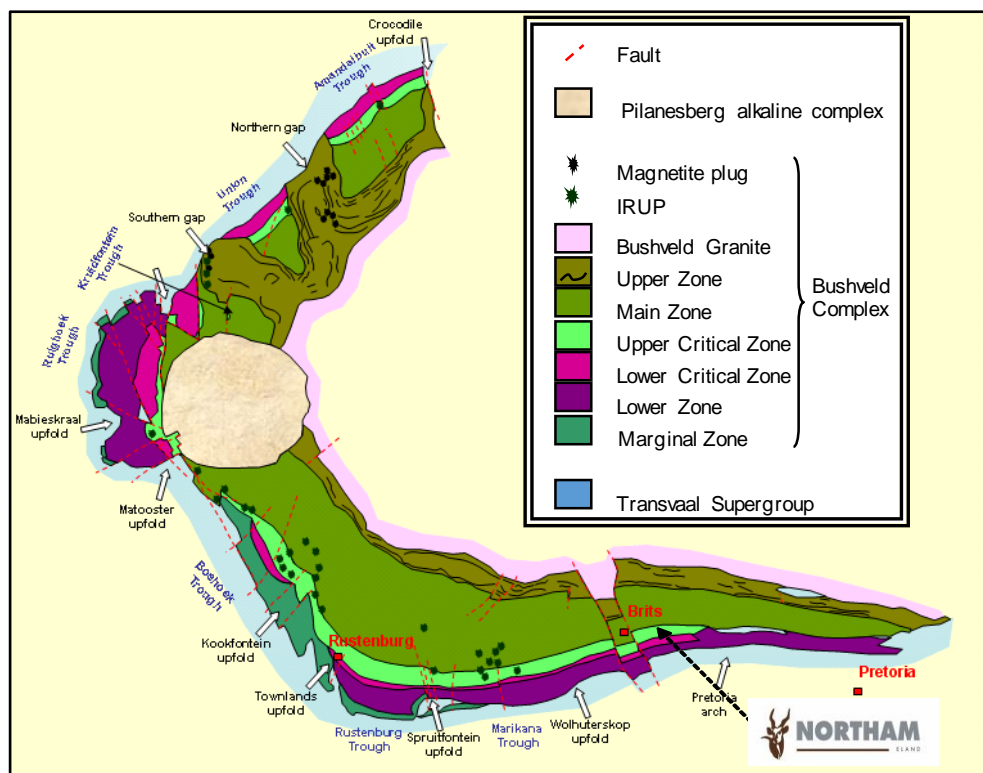


Figure 4. Generalised layout of the western Bushveld Complex

The Rustenburg Layered Suite ("**RLS**") comprises the mafic phase of the BIC and is host to several economically extracted minerals, such as chromite, vanadium and platinum group elements. The RLS is divided into five zones known as the Marginal, Lower, Critical, Main and Upper Zones from the base upwards (Figure 5). Both the Merensky Pyroxenite and UG2 Reef occur within the Upper Critical Zone.

The Critical Zone is divided into the Lower Critical and Upper Critical Zones (Figure 5). The transition between the Lower and Upper Critical Zones is defined as the last occurrence of upper most Middle Group ("**MG**") chromitite horizon, usually the MG4. The MG1 and MG2 chromitite layers are extensively mined for chrome.

The Upper Critical Zone is characterised by regular and often fine-scale rhythmic, or cyclic, layering of well-defined layers of cumulus chromite within pyroxenites and olivine-rich rocks.

The first important cycle is the lower of the two Upper Group Chromitite Layers (*the UG1 Chromitite Layer*). This unit consists of a chromitite layer and underlying footwall chromitite layers that are interlayered with anorthosite. The overlying UG2 chromitite is important because it contains economic concentrations of PGM's and is extensively mined.

The two uppermost cycles of the Critical Zone are the Merensky and Bastard cycles. The former is also of great economic importance, as it contains at its base the PGM-bearing Merensky Reef, a pegmatitic feldspathic pyroxenitic assemblage, with associated thin chromitite layers. The top of the Critical Zone is generally defined as the top of the robust anorthosite (*the Giant Mottled Anorthosite*) that forms the top of the Bastard cyclic unit.

The economically viable chromite reserves of the BIC, most of which are hosted in the Critical Zone, are estimated at 68% of the world's total, whilst the BIC also contains 56% of all known platinum group metals ("PGMs").

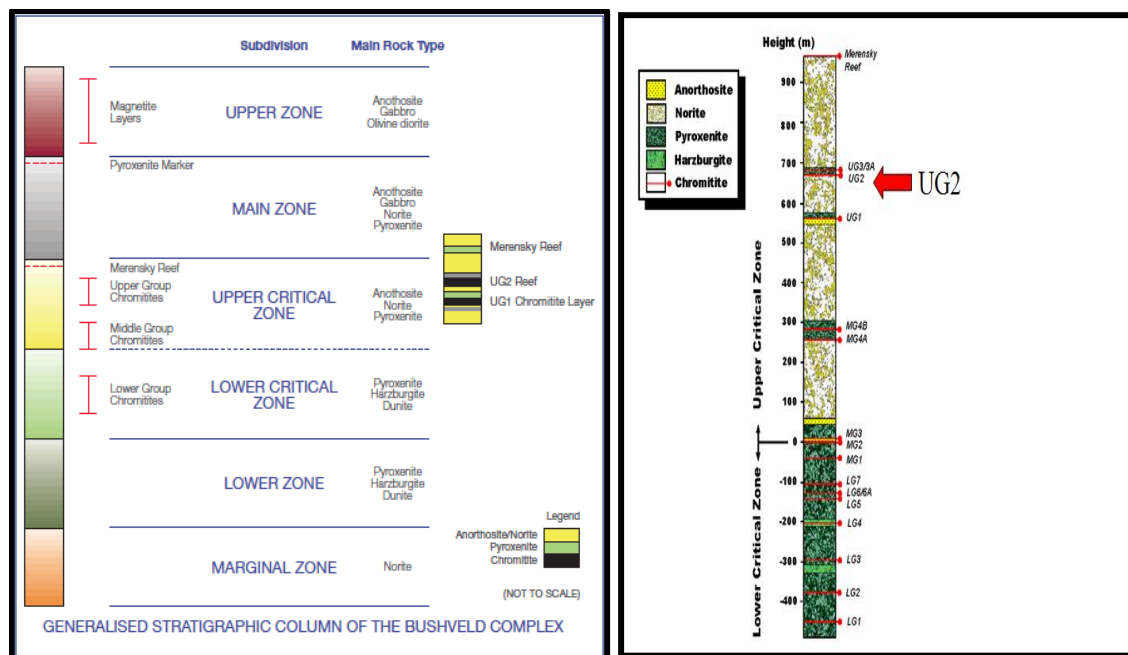


Figure 5. Generalised stratigraphy on the western Bushveld Complex

5.2 Local Geology

Exploration work conducted by various companies in this area started in the late 1980's up until 2008. These include Phelps Dodge, Gencor-Impala, Century Minerals (Pty) Ltd, the African Development Trust (SADT), Metorex and the most recent being Nkwe Platinum.

Limited published data exists for the region east of the Brits graben toward the De Wildt area, including the Proposed Schietfontein / Krelingspost Prospecting Area however mention is made of the absence of Lower Group chromitites, as well as the thinning of the BIC toward Pretoria.

The surface geology exposed on Schietfontein and Krelingspost is correlated with rocks of the Main, Critical and Marginal Zones of the BIC, as well as the much older east west trending Magaliesberg Quartzite units located in the south. The layered BIC rocks generally trend east / west and dip between 18-28°N.

The disturbed nature of the UG2 and Merensky Reefs east of Eland Platinum Mine is due to the highly complex structural setting and the proximity to the basement sedimentary units of the Transvaal floor rocks. The UG2 chromitite layer on Schietfontein is reported to overlay a large meta sedimentary footwall block. Further east, pyroxenite and melanorite units of the BIC crop out and contact the Magaliesberg quartzite floor rocks.

The available geological information for Schietfontein and Krelingspost is in the form of historical borehole logs, assay data and interpreted structural features from geophysical surveys. Due to there historically being no central data reporting point, the number of companies prospecting over an extended time period, and prospecting rights being transferred between various parties, data has been lost and / or has not been verified. As such, it is noted that the geological data available is in some instances inadequate or incomplete and adds uncertainty to the geological interpretation of the area under review.

Suspect collar coordinates possibly due to different survey systems and different logging standards applied by various companies introduces uncertainty in the correlation of units. Furthermore, the reported assay data could not be verified against original documentation and the use of different techniques and laboratories introduces uncertainty.

The anticipated structural complexity on Schietfontein and Krelingspost, together with limited borehole information, has made the geological interpretation of the both the UG2 and Merensky Reefs difficult and therefore the continuity and character of both Reefs in this area is interpreted with low confidence. Geological features such as dykes, IRUP, potholes and faults, as well as UG2 facies changes, are known to occur in this Region.

Both the UG2 and Merensky Reefs occur in borehole intersections on Schietfontein and Krelingspost. In total, 57 boreholes were drilled in the area under review, with only 6 boreholes located on Krelingspost. The vertical separation between the two Reefs is approximately 200m at Eland Platinum Mine and appears to decrease toward the east, reaching 188m in Krelingspost with a minimum middling of 30m occurring on Schietfontein. The local stratigraphy on Schietfontein and Krelingspost is inserted below.

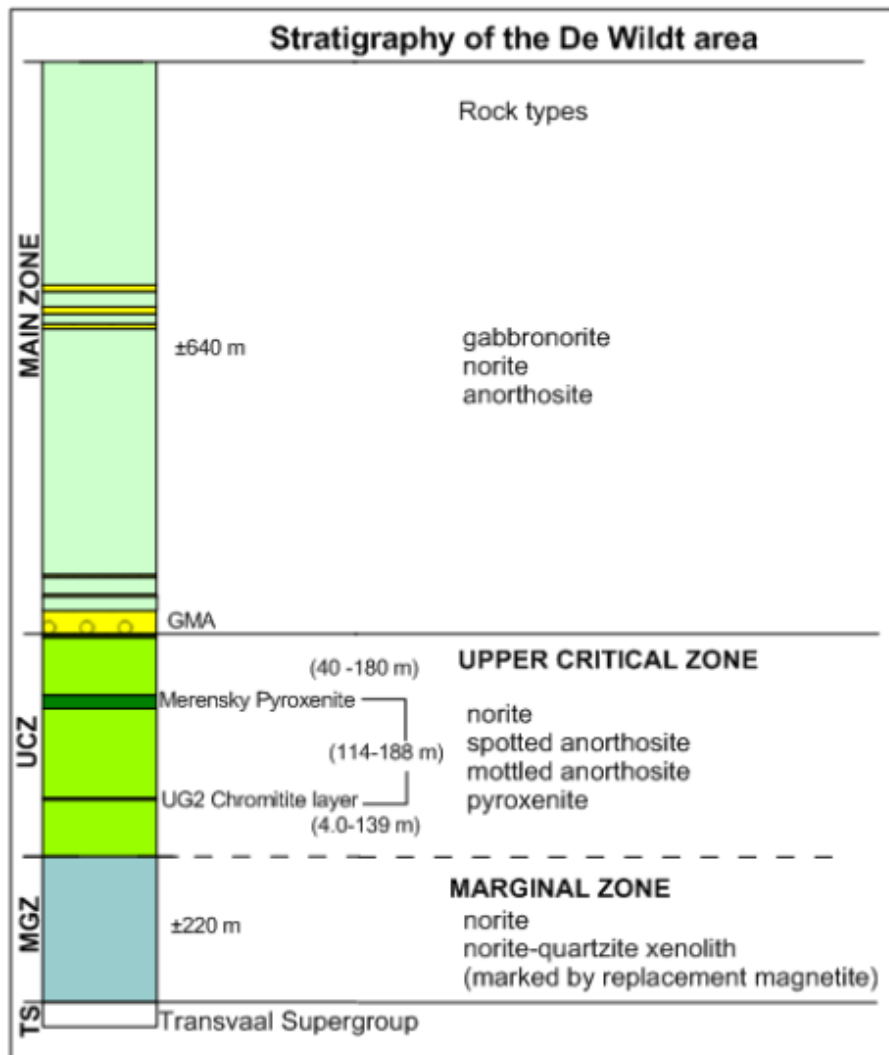


Figure 6. Local stratigraphy of De Wildt area (taken from Dube 2010).

5.2.1 Merensky Pyroxenite

The Merensky pyroxenite in this Region is similar to that found at Eland Platinum Mine and can be described as a thick pyroxenite, with a widely spread distribution of PGMs. A total of 5 boreholes have intersected the Merensky pyroxenite (2 on Krelingspost; 3 on Schietfontein), therefore confirming the occurrence of the Merensky pyroxenite. More information is required to confirm the continuity and characteristics of the Merensky pyroxenite on Schietfontein and Krelingspost.

5.2.2 UG2 Reef

The UG2 Reef at the Eland Platinum Mine is subdivided into three facies based on the morphology of the chromitite cycle, namely: Normal, Split Reef and Zilkaatsnek Facies (Figure 7). These facies types are described in detail below:

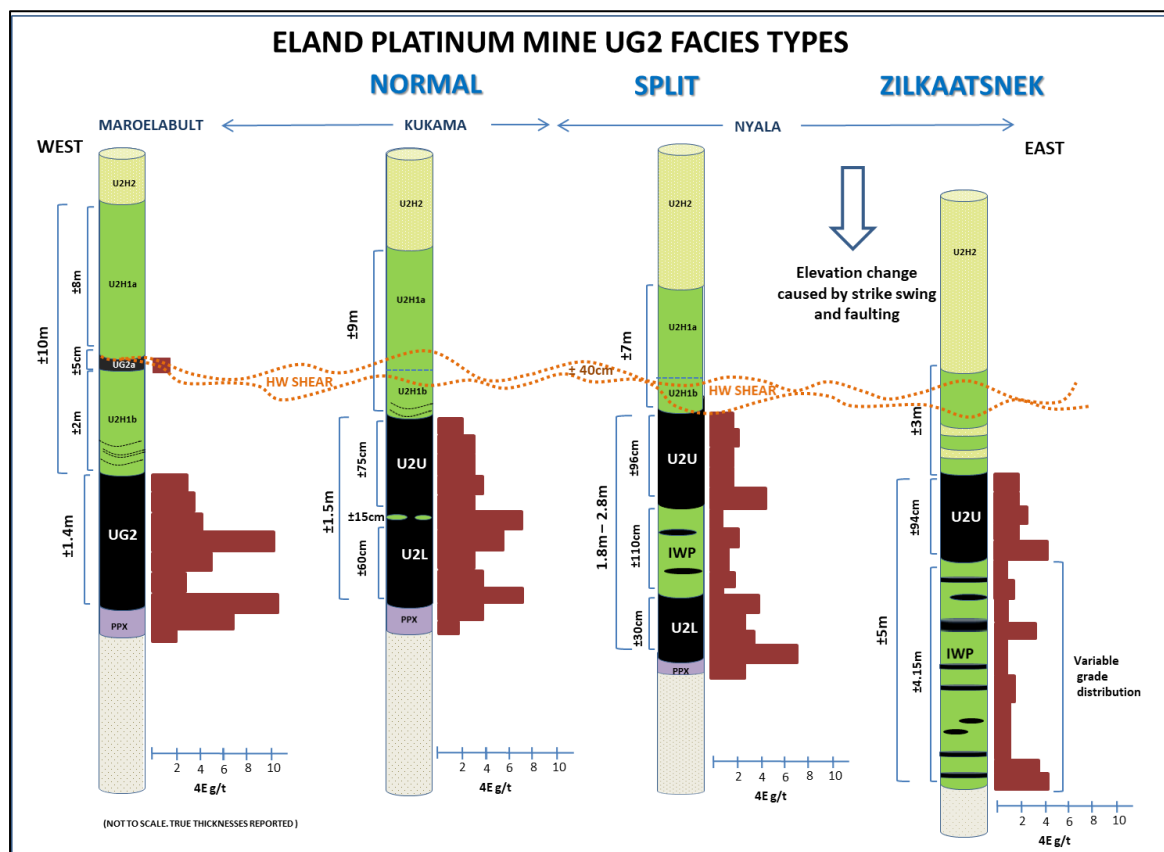


Figure 7. UG2 Facies types at the Eland Platinum Mine.

The **Normal Facies** constitutes the majority of the UG2 Reef type at the Eland Platinum Mine. In the Normal Facies, the UG2 Reef consists of a basal chromitite layer (UG2 Lower Chromitite/U2L) and immediately overlying it, another chromitite layer (UG2 Upper Chromitite/U2U), hosted inside a package of feldspathic pyroxenite and pegmatitic feldspathic pyroxenite or norite.

Typically, the UG2 main chromitite in the western BIC ranges from 0.8m to 1.2m thick and is underlain by a series of chromitite layers, referred to as the Triplets/UG2a/Leaders. It is believed that these chromitite layers coalesced with the UG2 main layer in this Region, explaining an increased average thickness of 1.6m for the UG2 (Normal Facies). The triplets/UG2a/Leaders can be correlated with the UG2 Upper Chromitite (U2U) and the UG2 Main layer is represented by the Lower Chromitite (U2L).

The Upper and Lower Chromitites are often discernible only by their different geochemical signatures. PGM grade distribution has a bimodal characteristic, with peaks on the footwall and hanging wall contacts of the UG2 Lower Chromitite (U2L). The UG2 Upper Chromitite (U2U) has a uniformly lower grade (2,93 g/t 3PGM+Au) than the UG2 Lower Chromitite (U2L) (5,86 g/t 3PGM+Au). The Pt:Pd ratio for the UG2 Upper Chromitite (typically averaging 7:1) is considerably higher than for the UG2 Lower Chromitite (typically averaging 2,3:1).

The **Split Reef Facies** is considered to be transitional facies and is very similar to the Normal Facies. The main differences are that the Upper and Lower Chromitite layers are separated by anorthosite lenses and/or feldspathic pyroxenite. The average thickness of the Split reef facies is 2.8m. Isolated split reef UG2 intersections also occur within the Normal Facies and are sometimes associated with or in the vicinity of potholes.

The **Zilkaatsnek Facies** is more variable than the other identified facies. The Upper Chromitite (U2U) of the UG2 cycle can be readily correlated across the property through the Zilkaatsnek Facies as a distinct chromitite layer. However, in this facies, the bottom part (\approx parting + Lower Chromitite layer (U2L)) is more diffuse and consists of a feldspathic pyroxenite (IWP), hosting various thin chromitite layers and stringers of variable thickness, disseminated chromite, as well as minor disseminated sulphides. This bottom portion may also host lenses of norite and anorthosite. Based on observations of the Zilkaatsnek Facies exposed in the trenches on the outcrop, the thin chromitite layers and stringers

are considered to be elongated lensoid features rather than correlatable units. The maximum recorded width for Zilkaatsnek Facies exceeds 23 meters.

A UG2 Facies delineation plan of the Eland Platinum Mine indicating the location of Schietfontein and Krelingspost is inserted below (Figure 8).

51 historical boreholes were used to inform the geological interpretation of the Schietfontein portions included in the prospecting right application. Of these only 36 intersected the UG2 Reef, the remainder were disrupted by dykes, faults or IRUP. Only 6 historical boreholes have been drilled on the Krelingspost farm area of which only 2 intersected UG2.

The UG2 Facies occurring in the area under review are interpreted as Split and Zilkaats Facies. The continuity of the UG2 Reef from west to east is interpreted with low confidence due to the highly complex structural setting. A noticeable strike change of the UG2 Reef across both Farms is assumed to be structure related. The continuity of the UG2 Reef will need to be confirmed through additional drilling.

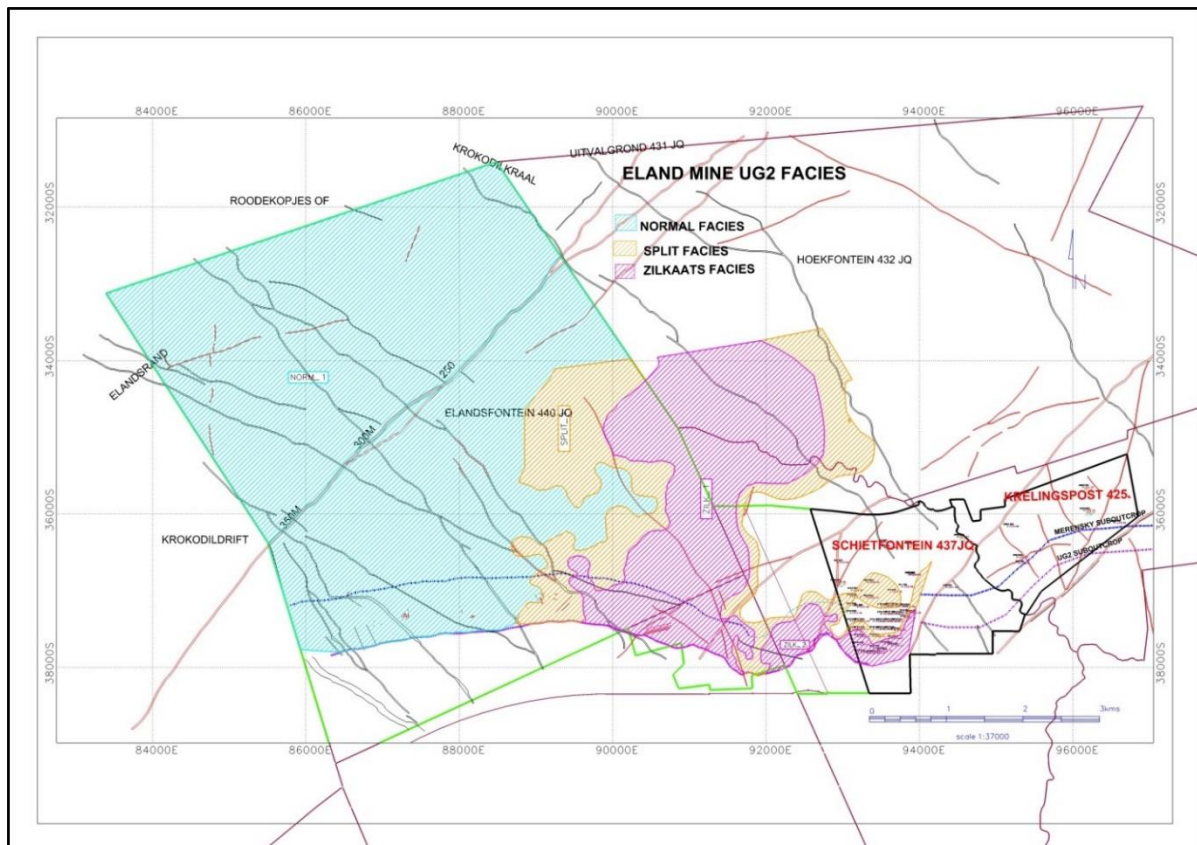


Figure 8. UG2 Facies distribution at the Eland Platinum Mine.

5. REGULATION 7(1)(f): A DESCRIPTION OF HOW THE MINERAL RESOURCE AND MINERAL DISTRIBUTION OF THE PROSPECTING AREA WILL BE DETERMINED

6.1 Schietfontein 437JQ

Eleven diamond drilled boreholes are planned on Portions 5, 27, 28, 32, 33, 34 35, 99, 100 and 101 of Schietfontein over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to the understanding of the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky UG2 and UG1 Reefs.

The mineral distribution of the ore-body is to be determined by means of diamond core drilling, core logging, sampling and assaying of the drill core.

The relevant lithological, structural and assay information of each borehole will be collected according to Eland Platinum's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise.

Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr₂O₃ and Fe₂O₃ will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility, located at Eland Platinum Mine. All geological information collected from the borehole logs will be stored in digital format in a database.

A table listing the planned prospecting boreholes is inserted below followed by a locality plan indicating the borehole positions (Figure 9).

Planned diamond drilling activity on portions of the Farm Schietfontein 437JQ.

FARM	PORTION	PLANNED BHOLE	X	Y	Z	FINAL DEPTH	TARGET	TOTAL DRILLING	COST YEAR
SCHIETFontein 437JQ	PTN 28	S_PL01	93973	-37015	1229	170	MR, UG2	R 263 500	2020
SCHIETFontein 437JQ	PTN 35	S_PL02	94271	-37014	1232	170	MR, UG2	R 263 500	2020
SCHIETFontein 437JQ	PTN 100	S_PL03	94632	-37022	1233	170	MR, UG2	R 263 500	2021
SCHIETFontein 437JQ	PTN 99	S_PL04	94615	-36812	1230	245	MR, UG2	R 379 750	2021
SCHIETFontein 437JQ	PTN 27	S_PL05	94057	-37305	1234	250	UG2,UG1	R 387 500	2022
SCHIETFontein 437JQ	PTN 101	S_PL06	94811	-37236	1236	80	UG2	R 124 000	2022
SCHIETFontein 437JQ	PTN 24	S_PL07	95049	-37085	1236	150	UG2	R 232 500	2023
SCHIETFontein 437JQ	PTN 5	S_PL08	94878	-36906	1233	190	MR, UG2	R 294 500	2023
SCHIETFontein 437JQ	PTN 32	S_PL09	94529	-36408	1218	420	MR, UG2	R 651 000	2024
SCHIETFontein 437JQ	PTN 34	S_PL10	94140	-36446	1219	360	MR, UG2	R 558 000	2024
SCHIETFontein 437JQ	PTN 33	S_PL11	94480	-36496	1220	390	MR, UG2	R 604 500	2024
						2595		R 4 022 250	

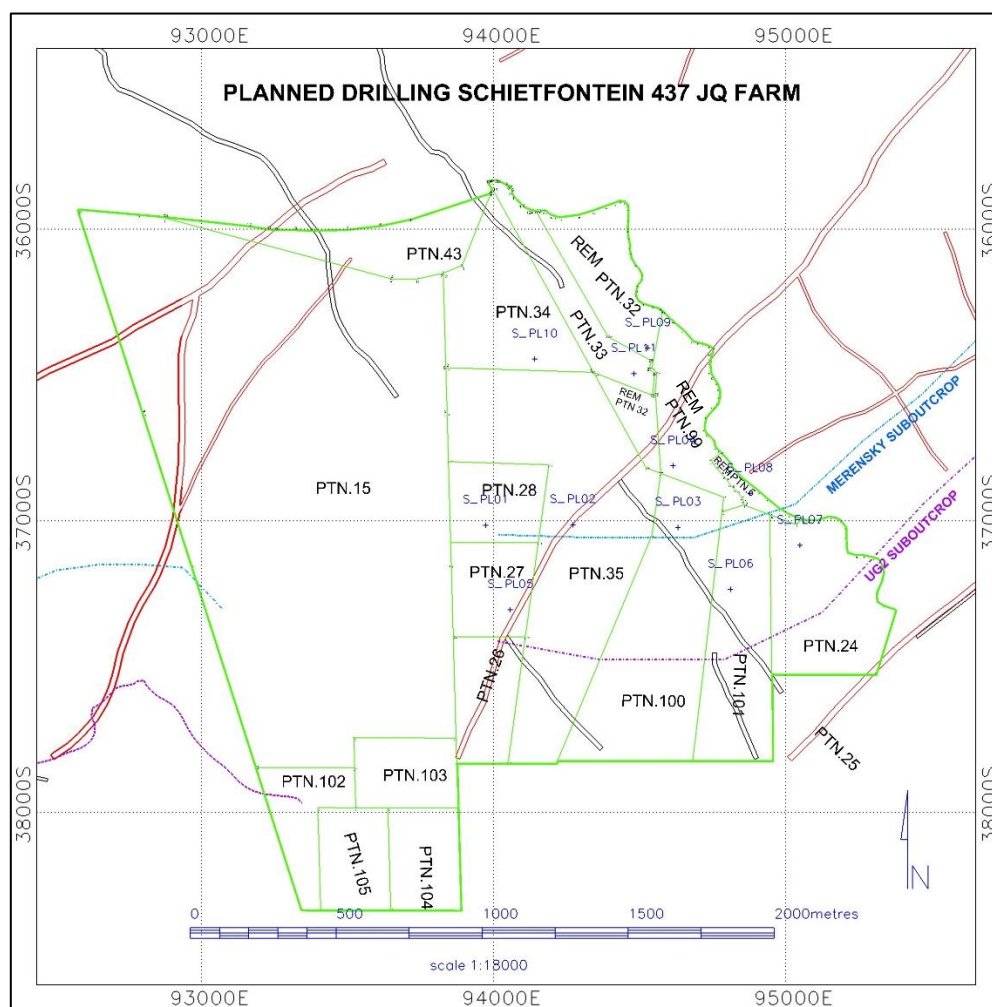


Figure 9. Planned prospecting boreholes on the Farm Schietfontein 437JQ.

6.2 Krelingspost 425JQ

Eleven diamond drilled boreholes are planned on Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of these Reefs.

The mineral distribution of the ore-body is to be determined by means of diamond core drilling, core logging, sampling and assaying of the drill core.

The relevant lithological, structural and assay information of each borehole will be collected according to the Eland Platinum's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise.

Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr₂O₃ and Fe₂O₃ will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility located at Eland Platinum Mine. All geological information collected from the borehole logs will be stored in digital format in a database.

A table listing the planned prospecting boreholes is inserted below followed by a locality plan indicating the borehole positions (Figure 10).

Planned diamond drilling activity on portions of the Krelingspost 425JQ farm.

FARM	PORTION	PLANNED BHOLE	X	Y	Z	FINAL DEPTH	TARGET	TOTAL DRILLING	COST YEAR
KRELINGSPOST 425JQ	PTN 2	K_P01	95034	-36853	1234	180	MR, UG2	R 279 000	2020
KRELINGSPOST 425JQ	PTN 80	K_P02	95406	-36500	1233	175		R 271 250	2020
KRELINGSPOST 425JQ	PTN 76	K_P03	95559	-36384	1235	180		R 279 000	2021
KRELINGSPOST 425JQ	PTN 75	K_P04	95835	-36269	1237	340	MR, UG2, UG1	R 527 000	2021
KRELINGSPOST 425JQ	PTN 74	K_P05	96166	-36153	1241	250		R 387 500	2022
KRELINGSPOST 425JQ	PTN 73	K_P06	96525	-35927	1247	440	MR, UG2	R 682 000	2022
KRELINGSPOST 425JQ	PTN 3	K_P07	94876	-36817	1232	230	MR, UG2	R 356 500	2023
KRELINGSPOST 425JQ	PTN 79	K_P08	95083	-36527	1231	290	MR, UG2	R 449 500	2023
KRELINGSPOST 425JQ	PTN 70	K_P09	95421	-36298	1235	270	MR, UG2	R 418 500	2024
KRELINGSPOST 425JQ	PTN 71	K_P10	95674	-36210	1236	250	MR, UG2	R 387 500	2024
KRELINGSPOST 425JQ	PTN 72	K_P11	95978	-36124	1238	260	MR, UG2	R 403 000	2024
						2865		R 4 440 750	

3	Diamond Core Drilling	Geologist, Drilling Contractor	20	Analytical Results, Geological Report	20	Prospecting Geologist
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7. REGULATION 7(1)(g): A DESCRIPTION OF THE PROSPECTING METHOD OR METHODS TO BE IMPLEMENTED

Each drill site will be fenced off and only Eland Platinum's personnel, contractors or their representatives will be allowed to enter the drill site.

Diamond core drilling will be conducted within the Proposed Schietfontein / Krelingspost Prospecting Area. The drill rigs will be wheel mounted, with outriggers to stabilize the rigs. The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages. The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Prospecting Area after the drilling and disposed at an approved dumping site.

The drilled core will be packed into core trays, which will be removed from the site and transported to Eland Platinum Mine for further processing.

A geological report will be compiled containing all the historical and current data, geological modelling outcomes, resource estimations, conclusions and recommendations for any possible further investigations and exploratory work.

8. REGULATION 7(1)(j)(i): DETAILS WITH DOCUMENTARY PROOF OF THE APPLICANT'S TECHNICAL ABILITY OR ACCESS THERETO TO CONDUCT THE PROPOSED PROSPECTING OPERATION

Northam has significant technical experience in the fields of geological exploration, resource evaluation, mining and engineering. The incumbents are all professionals with tertiary qualifications and members of relevant professional organisations (SACNASP, ECSA, PLATO), which in terms of the SAMREC code recognises them as competent persons.

Eland Platinum will lean on Northam and Booyensdal's technical competence and experience for the proposed prospecting activities on the Proposed Schietfontein / Krelingspost Prospecting Area.

Northam commenced construction of its Zondereinde Mine near Thabazimbi in 1986, following a five-year exploration programme and came into production in 1993. It conducts underground operations exploiting two Reefs, the Merensky and UG2 Reefs, via a twin shaft system at depths varying between 1, 194 and 2, 215m below surface. Mining activities are driven by hydropower equipment, a technological innovation which was pioneered by Northam and has now become common practice in deep-level mines. Over the years, Northam has refined this technology, the use of which holds significant environmental benefits in the underground workings where water from surface chilled to 5° provides positional cooling and powers the mining equipment.

Surface infrastructure the Northam Group owns comprises three concentrator plants (for both Merensky and UG2 ore), a smelter and a base metal removal plant (BMR) where copper and nickel are extracted from the high grade PGM concentrate. Final PGM is toll refined.

Northam markets its metals to an established customer base in the major economic centres of the world, including North America, Europe and Japan.

The total number of employees involved in both underground and surface operations in the Northam Group is approximately 6 800, including management and supervisory personnel.

Booyensdal, leveraging on Northam's technical expertise, commenced construction of its Booyensdal Mine near Mashishing in 2010. The mine's first module, the Booyensdal North Mine,

conducts underground operations exploiting two Reefs, the Merensky and UG2 Reefs. Booyssendal is implementing a ramp up of its production subsequent to, *inter alia*, Booyssendal's acquisition of the Everest Platinum Mine from Aquarius Platinum South Africa Proprietary Limited in 2015. This ramp up through the development of additional mining modules will increase production to approximately 450 000 oz. of 4E PGMs per annum by 2021.

Underground board and pillar mining at the Booyssendal North Mine is accessed via a decline system and is currently progressing between 170 and 320m below surface. Mechanised mining utilising drill rigs, LHDs and belt systems feed ore to an on-site concentrator plant. Concentrate product is then trucked to Northam's smelter and base metal removal plant at its Zondereinde Mine for toll refining.

Both Zondereinde and Booyssendal Platinum have achieved sustainable operating profits. This, together with the extensive in-house expertise, strengthens the Northam Group's capacity to develop and establish the Eland Platinum Mine as a long term, stable and profitable mining operation.

Eland Platinum submits the following *curriculum vitae* of Eland Platinum employees and consultants, as supporting evidence that Eland Platinum has the technical capacity to: (i) conduct the proposed prospecting operation in accordance with this PWP; (ii) mitigate, manage and rehabilitate relevant environmental impacts; and (iii) comply with relevant provisions of the Mine Health and Safety Act, 1996 (Act No. 29 of 1996):

- J Pretorius – the General Manager of Eland Platinum - Mr J Pretorius has over two decades of experience in mining operations and is fully *au fait* in leading overall mining and prospecting operations, with in-depth knowledge of all related processes, techniques, systems, standards, technology, tools and materials (including Operations, Production, Mine, Project, Contract, Financial, Stakeholder, Labour, SHEQ and Risk & Change Management);
- CJ Roux – the Technical Service Manager of Eland Platinum - Mr CJ Roux has over 25 years' experience in mining engineering, mine design, mine surveying, reef valuation, mineral resource and reserves, technical services and planning on underground mines and extensive experience in hard rock capital mining projects;
- P Preston – a consultant to Eland Platinum - Ms P Preston has 17 years' service as a geologist within the mining industry and consulting environment. During this time, she has gained relevant experience in the mining production and exploration environment; QA/QC of data acquisition; data analysis; resource estimation; reporting and auditing. She is a member of the GSSA (964953) and is registered as a Professional Natural Scientist (Pri.Sci.Nat :400429/04);
- M von Rönge – a Senior Environmental Officer at Booyssendal Platinum (Pty) Ltd, a subsidiary of Northam who assists Eland Platinum with its environmental management - Ms M von Rönge has been working for 7 years as a senior environmental officer. Her work includes, *inter alia*, consultation with different governmental departments in terms of environmental legal requirements; implementation and management of environmental authorisations; monitoring compliance with the environmental management programmes and implementation; and management of water use licences;
- S Barkhuizen – of CHEMC Environmental Proprietary Limited, who is an independent environmental consultant also assisting Eland Platinum with its environmental management. Mr S Barkhuizen has over 10 years' experience as an environmental consultant and GIS specialist. His work includes, *inter alia*, preparation of rehabilitation plans, biodiversity studies, ISO 14001 audits / implementation, risk assessments, prospecting rights consultation, section 25(g) rectification applications and geographical mapping and data capturing; and
- M Prinsloo- the SHE Manager of Eland Platinum - Mr Prinsloo has over 23 years' experience as a risk and safety officer. His work includes, *inter alia*, facilitation and issuance of base risk assessments and the co-ordination of various projects to establish

and implement health, safety, environmental and risk systems for mines to become operational.

Competencies to be employed in terms of the Mine Health and Safety Act:

Mine Manager	Appointed 3.1(a) appointee
Senior Geologist	Competent person for geological and resource modelling
HSEC Manager	Appointed Health, Safety, Environment Manager
Drill Rig Manager	Appointed Contractor

I herewith confirm that I have budgeted and financially provided for the required skills listed above

CONFIRMED (Mark with an X)	x	
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List of Appropriate equipment at your disposal (If Applicable)

Appropriate Equipment Available

Drill Rig – Contractor
Drilling Equipment – Contractor
Core Trays
Field transport vehicle

9. REGULATION 7(1)(j)(ii): DETAILS WITH DOCUMENTARY PROOF OF A BUDGET AND DOCUMENTARY PROOF OF THE APPLICANT'S FINANCIAL ABILITY OR ACCESS THERETO

Eland Platinum is a wholly-owned subsidiary of Northam. Northam is listed on the Johannesburg Stock Exchange with a market capitalisation of some R22 billion (January 2019).

Northam owns and operates the Zondereinde Platinum Mine ("**Zondereinde**") in the Thabazimbi District. Zondereinde has been in production since 1993 and is a high grade, deep level, conventional mine producing approximately 300 000 oz. of 4E PGMs per annum. Operations at Zondereinde comprise mining, milling and concentrating, smelting and base metal recovery.

Booyseendal Platinum Proprietary Limited (previously Micawber 278 Proprietary Limited) ("**Booyseendal**") is a wholly owned subsidiary of Northam and operates the Booyseendal Platinum Mine located near the town of Mashishing on the Eastern Limb of the BIC. This mechanised mine has been in production since 2011 and produces approximately 180 000 oz. of 4E PGMs per annum.

In addition to positive cash flow generated by Zondereinde and Booyseendal Platinum Mines, Northam's total available cash facilities as at 31 December 2018 amounted to R2.2 billion, which includes cash at bank and on hand of R646 million.

Based on the above, the board of directors of Northam passed a special resolution at its Annual General Meeting ("**AGM**") held on 6 November 2018 authorising Northam to provide any financial assistance in any form or amount to any company or corporation which is related or interrelated to Northam. A copy of the special resolution is included in the Prospecting Right Application.

10. REGULATION 7(1)(k) A COST ESTIMATE OF THE EXPENDITURE TO BE INCURRED FOR EACH PHASE OF THE PROPOSED PROSPECTING OPERATION (remember to also include prospecting fees)

Farm	BH Number	2020	2021	2022	2023	2024
Schietfontein	S_PL01	R 263 500.00				
Schietfontein	S_PL02	R 263 500.00				
Schietfontein	S_PL03		R 263 500.00			
Schietfontein	S_PL04		R 379 750.00			
Schietfontein	S_PL05			R 387 500.00		
Schietfontein	S_PL06			R 124 000.00		
Schietfontein	S_PL07				R 232 500.00	
Schietfontein	S_PL08				R 294 500.00	
Schietfontein	S_PL09					R 651 000.00
Schietfontein	S_PL10					R 558 000.00
Schietfontein	S_PL11					R 604 500.00
Annual		R 527 000.00	R 643 250.00	R 511 500.00	R 527 000.00	R 1 813 500.00
						R 4 022 250.00

i) Drilling costs		R 131 750.00	R 160 812.50	R 127 875.00	R 131 750.00	R 453 375.00
ii) Labour costs		R 210 800.00	R 257 300.00	R 204 600.00	R 210 800.00	R 725 400.00
iii) Rehabilitation costs		R 52 700.00	R 64 325.00	R 51 150.00	R 52 700.00	R 181 350.00
iv) Sampling costs		R 105 400.00	R 128 650.00	R 102 300.00	R 105 400.00	R 362 700.00
v) Consumables		R 26 350.00	R 32 162.50	R 25 575.00	R 26 350.00	R 90 675.00
Annual		R 527 000.00	R 643 250.00	R 511 500.00	R 527 000.00	R 1 813 500.00
						R 4 022 250.00

Farm	BH Number	2020	2021	2022	2023	2024
Krelingsport	K_PL01	R 279 000.00				
Krelingsport	K_PL02	R 271 250.00				
Krelingsport	K_PL03		R 279 000.00			
Krelingsport	K_PL04		R 527 000.00			
Krelingsport	K_PL05			R 387 500.00		
Krelingsport	K_PL06			R 682 000.00		
Krelingsport	K_PL07				R 356 500.00	
Krelingsport	K_PL08				R 449 500.00	
Krelingsport	K_PL09					R 418 500.00
Krelingsport	K_PL10					R 387 500.00
Krelingsport	K_PL11					R 403 000.00
Annual		R 550 250.00	R 806 000.00	R 1 069 500.00	R 806 000.00	R 1 209 000.00
						R 4 440 750.00

i) Drilling costs		R 137 562.50	R 201 500.00	R 267 375.00	R 201 500.00	R 302 250.00
ii) Labour costs		R 220 100.00	R 322 400.00	R 427 800.00	R 322 400.00	R 483 600.00
iii) Rehabilitation costs		R 55 025.00	R 80 600.00	R 106 950.00	R 80 600.00	R 120 900.00
iv) Sampling costs		R 110 050.00	R 161 200.00	R 213 900.00	R 161 200.00	R 241 800.00
v) Consumables		R 27 512.50	R 40 300.00	R 53 475.00	R 40 300.00	R 60 450.00
Annual		R 550 250.00	R 806 000.00	R 1 069 500.00	R 806 000.00	R 1 209 000.00
						R 4 440 750.00

Confirmation of the availability of funds to implement the proposed project.

The annual financial statements of Northam can be viewed on the internet.

I herewith confirm that I have budgeted and financially provided for the total budget as identified in Regulation 7(1)(k).

Confirmed (Mark with an X)	x
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11. REGULATION 7(1) (m): UNDERTAKING, SIGNED BY THE APPLICANT, TO ADHERE TO THE PROPOSALS AS SET OUT IN THE PROSPECTING WORK PROGRAMME

Herewith I, the person whose name and identity number is stated below, confirm that I am the Applicant or the person authorised to act as representative of the Applicant in terms of the resolution submitted with the application, and undertake to implement this mining work programme and adhere to the proposals set out herein.

Full Names and Surname	Jacques Pretorius
Identity Number	680901 5079 088

Appendix 8



NORTHAM
ELAND

FINAL ENVIRONMENTAL MANAGEMENT PROGRAMME (EMPr)

FOR THE PROPOSED

Schietfontein and Krelingspost Prospecting Right

NAME OF APPLICANT: Eland Platinum (Pty) Ltd ("EP"), a subsidiary of
Northam Platinum Limited ("Northam").

TEL NO: +2712 381 4099

FAX NO: +2711 325 4795

POSTAL ADDRESS: PO Box 3436, Brits, 0250, South Africa

PHYSICAL ADDRESS: Farm Elandsfontein 440 JQ, District of Brits

FILE REFERENCE NUMBER SAMRAD: NW30/5/1/1/3/2/1/12604EM

Report No: CHEMC-Schietf-FEMPr – August 2019

Prepared by: CHEMC Environmental
Contact: Stephan Barkhuizen
Tel: 012 802 1002
Email: stephan@chemc.com



EXECUTIVE SUMMARY

Eland Platinum Proprietary Limited ("**EP**"), a subsidiary of Northam Platinum Limited ("**Northam**"), has submitted an application for an environmental authorisation ("**EA Application**") under the National Environmental Management Act 107 of 1998 ("**NEMA**") to the Department of Mineral Resources ("**DMR**") for the proposed prospecting right application ("**Prospecting Right Application**") on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of the Farm Schietfontein 437 JQ ("**Schietfontein**") and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of the Farm Krelingspost 425 JQ ("**Krelingspost**") ("**Proposed Schietfontein and Krelingspost Prospecting Area**").

The prospecting activities on the Proposed Schietfontein and Krelingspost Prospecting Area will include the drilling of eleven diamond drilled boreholes on Schietfontein and eleven diamond drilled boreholes on Krelingspost for sampling over 5 years (the "**Proposed Project**"). The Proposed Project includes several properties with different landowners, targeting exclusively the Merensky Pyroxenite, Upper Group ("**UG**")² and UG1 chromitite layers in, on or under the Proposed Schietfontein and Krelingspost Prospecting Area.

The EA Application was submitted to the DMR North-West Region on the 3rd of May 2019 and CHEMC Environmental subsequently received an acknowledgement of receipt, dated 28 May 2019, from Regional Manager of the North-West DMR, with the application reference number **NW30/5/1/1/3/2/1/12604EM**.

As part of the basic assessment process an Environmental Management Programme ("**EMPr**") must be compiled.

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Appendix 1:	Emergency Preparedness and Response Plan (EPRP)
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LIST OF ABBREVIATIONS

Term/ Abbreviation	Definition
BIC	Bushveld Igneous Complex
BPDM	Bojanala Platinum District Municipality
CA	Competent Authority
CARA	Conservation of Agricultural Resources Act (Act No. 43. of 1983)
CBA	Critical biodiversity area
Constitution	Constitution of the Republic of South Africa (Act No.108 of 1996)
DBAR	Draft Basic Assessment Report
DEA	Department of Environmental Affairs
DMR	Department of Mineral Resources
EA	Environmental Authorisation
EAP	Environmental Assessment Practitioner
ECO	Environmental Control Officer
EM	Eland Platinum Mine
EMPr	Environmental Management Programme
EP	Eland Platinum Proprietary Limited
EPRP	Emergency Preparedness and Response Plan
GA	General Authorisation
GN	Government Notice
GN R893	GN R893 published in Governmental Gazette No 37054, in terms of section 21(1)(b) of the NEM:AQA
GN R921	GN R921, published under NEM:WA in <i>Government Gazette</i> 37083 on 29 November 2013 which contains the list of waste activities that requires a waste management licence
GN R982	GN R982 published in Government Gazette 38282 on 8 December 2014 under section 24 of the NEMA
GN R983, GN R984 and GN R985	GN R983, GN R984 and/or GN R985 all published in Government Gazette 38282 on 8 December 2014 under section 24 of the NEMA
ha	Hectares (measure of area, 10 000 square metres)
HSA	Hazardous Substances Act (Act No. 15 of 1973)
HSEC	Health, Safety, Environment and Community
Km	Kilometres
M ²	Square Metres
MHSA	Mine Health and Safety Act (Act No. 29 of 1996)
mm	Millimetres
MLM	Madibeng Local Municipality
MPRDA	Mineral and Petroleum Resources Development Act (Act No. 28 of 2002)
NEMA	National Environmental Management Act (Act No. 107 of 1998)
NEM:AQA	National Environmental Management: Air Quality Act (Act No. 39 of 2004)
NEM:BA	National Environmental Management: Biodiversity Act (Act No. 10 of 2004)
NEM:WA	National Environmental Management: Waste Act (Act No. 59 of 2008)
NHRA	National Heritage Resources Act (Act No. 25 of 1999)
NWA	National Water Act (Act No. 36 of 1998)
NWP	North-West Province
PAIA	Promotion of Access to Information Act (Act No. 2 of 2000)

PPE	Personal Protective Equipment
PWP	Prospecting Works Programme
SAHRA	South African National Heritage Resources Agency
SANS	South African National Standards
SDF	Spatial Development Framework
WUL	Water use licence

1. INTRODUCTION

This Environmental Management Programme ("**EMPr**") addresses the management of potential environmental impacts related to the Proposed Project, situated adjacent to the area on which the Eland Platinum Mine's ("**EM**") surface infrastructure is located ("**EM Surface Area**").

The Proposed Schietfontein and Krelingspost Prospecting Area is situated approximately 14km east of Brits and 60 km west of Pretoria in the North-West Province ("**NWP**"). The R566 (Brits - Rosslyn) provincial road is situated to the north and will be used as an access road to the Proposed Prospecting Area. The M21 runs to the east of the Proposed Prospecting Area and is mainly used to access a portion of Krelingspost. The N4 Bakwena National Highway forms the southern boundary of the Proposed Schietfontein and Krelingspost Prospecting Area.

The Proposed Project will include the drilling of eleven diamond drilled boreholes on Schietfontein and eleven diamond drilled boreholes on Krelingspost for sampling over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1.

This additional information will increase the confidence of the geological and resource model of the EM and confirm the presence of the Merensky Pyroxenite, UG2 and UG1 and their potential for economic consideration.

The Middle Group ("**MG**") and Lower Group ("**LG**") seams are therefore excluded from the scope of the Prospecting Right Application and associated prospecting works programme ("**PWP**"). It is also understood that Portions 1 and 3 of Krelingspost are subject to an existing prospecting right application for gold, silver, copper, cobalt, nickel and uranium by another entity. As such, the aforesaid minerals in relation to Portions 2 and 3 of Krelingspost are specifically excluded from the Prospecting Right Application's scope.

The EMPr is used for managing, mitigating, and monitoring of the environmental impacts associated with the Proposed Project, as identified during the Draft Basic Assessment Report conducted for the Proposed Project ("**DBAR**") (CHEMC Environmental, 2019). The DBAR is valuable in providing a reference source and context for understanding this EMPr.

2. OBJECTIVES

The primary objectives of the EMPr are as follows, to:

- describe action plans for achieving the mitigation measures described in the BAR; and
- indicate responsibilities regarding the implementation of these action plans.

3. CONTACT PERSON AND CORRESPONDENCE ADDRESS:

3.1 Details of:

3.1.1 The applicant:

EP, a subsidiary of Northam, owns and operates the EM and mineral processing operation near Brits, situated in the Madibeng Local Municipality ("**MLM**") that forms part of the Bojanala Platinum District Municipality ("**BPDM**"), in the NWP of South Africa.

Table 1: Details of the applicant and contact person

Landowner:	Refer to Table 2 for a list of the landowners.
Project applicant:	Eland Platinum Proprietary Limited, a wholly owned subsidiary of Northam Platinum Limited
Registration no:	2016/427918/07
Trading name:	Eland Platinum
Contact person:	Jacques Pretorius (General Manager)
Physical address:	Farm Elandsfontein 440 JQ, District of Brits, South Africa
Postal address:	PO Box 3436, Brits, 0250, South Africa
Telephone no:	012 381 4099
Fax no:	086 411 8000
Email:	Jacques.Pretorius@norplats.co.za
For the purpose of the application process the following people may be contacted at Eland Platinum:	
Mr. M Prinsloo Safety Coordinator Tel No: 012 381 4099 Email: martiens.prinsloo@norplats.co.za	Ms. Baiphapi Sethaelo Stakeholder Engagement Specialist Tel No: 012 381 4099 Email: Baiphapi.Sethaelo@norplats.co.za

3.1.2 The EAP who prepared the report:

Company: CHEMC Environmental.

Name of the Practitioner: Gerhardus Stephanus (Stephan) Barkhuizen

Tel No.: +2712 802 1002

Cell No.: +2782 639 9944

Fax No.: +2712 802 1004

e-mail address: stephan@chemc.com

4. DESCRIPTION OF THE PROPERTY:

The Proposed Schietfontein and Krelingspost Prospecting Area is situated adjacent to the EM Surface Area, approximately 14km east of Brits and 60 km west of Pretoria. The R566 (Brits - Rosslyn) provincial road is situated to the north and will be used as an access road to the Proposed Prospecting Area. The M21 runs to the east of the Proposed Schietfontein and Krelingspost Prospecting Area and is mainly used to access a portion of Krelingspost. The N4 Bakwena National Highway forms the southern boundary of the Proposed Schietfontein and Krelingspost Prospecting Area.

Surrounding land uses comprise of livestock grazing, agriculture, mining (EM, Hernic Ferrochrome, Crocodile River Mine's Maroelabult section, and granite mining further north), commercial businesses and community residential area and related activities. Directly to the south (across the N4 highway) is the Zilkaatsnek Eco-estate (mix land-use development). Further to the south and south-east, land is used for conservation purposes (Magaliesberg Nature Reserve and the De Wildt Cheetah Reserve).

The Proposed Schietfontein and Krelingspost Prospecting Area comprises mainly open agricultural farms, natural areas and cultivated fields. Some of the properties in the Proposed Schietfontein and Krelingspost Prospecting Area have Farm Homesteads situated on them. There are a few local businesses situated on the Krelingspost section, including a local restaurant (Karen se Plaaskombuis), instant lawn distributors (Die Grasplaas and Easy Lawn) and a recycling business (Envirocycle). Development of a solar power project is being undertaken on Portions

15, 27 and 28 of Schietfontein by Zolograph Investments (RF) (Pty) Ltd ("**Zolograph**"). Samancor Chrome Ltd ("**Samancor**") also holds a prospecting right to chrome in the MG and LG seams on Portions 27 and 28 of Schietfontein. The R566 and Rosslyn – Brits railway traverses certain of the properties. The land uses of the properties in the Proposed Schietfontein and Krelingspost Prospecting Area are discussed in detail in Table 22 of the DBAR.

The surrounding communities and their proximity to the Proposed Schietfontein and Krelingspost Prospecting Area include:

- Brits (14 km west);
- Damonsville (8.2 km north-west);
- Mothotlung (5.4 km north-west);
- Moumong (2.5 km north-west);
- Ramolapong (2.3 km north);
- Mmakau (4.5 km north-west);
- Ga-Kwate (1.8 km north); and
- De Wildt (1.4 km north).

(Refer to Figure 1: Regional Locality map and Figure 2: Locality map).

A detailed property description of the Proposed Schietfontein and Krelingspost Prospecting Area is listed in **Table 2**, below:

Table 2: Property description of the Proposed Schietfontein and Krelingspost Prospecting Area.

Farm Name	Portion and size	Owner Detail
Farm Schietfontein 437 JQ ("Schietfontein"):	Remaining Extent of Portion 5, measuring 2.1756 hectares in extent.	Private owners - FJ and L Strauss & NM Ras
	Portion 24 (a portion of Portion 2), measuring 17.8382 hectares in extent.	Private owners - FJ and L Strauss
	Portion 27 (a portion of Portion 2), measuring 8.8184 hectares in extent.	
	Portion 28 (a portion of Portion 2), measuring 8.7843 hectares in extent. ¹	
	Portion 33 (a portion of Portion 32), measuring 8.5653 hectares in extent.	
	Portion 34 (a portion of Portion 32), measuring 17.7839 hectares in extent.	

¹ Zolograph has a long term lease on Portions 27 and 28 of Schietfontein.

	Remaining Extent of Portion 32, measuring 15.0021 hectares in extent.	Private owners – MN Ras
	Portion 35 (a portion of Portion 2), measuring 49.659 hectares in extent.	
	Remaining Extent of Portion 99, measuring 11.339 hectares in extent.	Private owners – RG Jacobs
	Portion 100 (a portion of Portion 99), measuring 30.1315 hectares in extent.	Private owners – JJR van der Merwe & JJ van der Merwe.
	Portion 101 (a portion of Portion 99), measuring 18.7922 hectares in extent.	Close Corporation – Madala's Padmark CC
Farm Krelingspost 425 JQ ("Krelingspost"):	Portion 2, measuring 6.5382 hectares in extent.	Close Corporation – Super Soya CC
	Portion 3, measuring 6.5382 hectares in extent.	Close Corporation – Macal Farms CC
	Portion 70 (a portion of Portion 67), measuring 4.9804 hectares in extent.	Private Company - Kreylingspost Nr 10 De Wildt Pty Ltd
	Portion 71 (a portion of Portion 67), measuring 5.1757 hectares in extent.	
	Portion 72 (a portion of Portion 67), measuring 5.5491 hectares in extent.	
	Portion 74, (a portion of Portion 67) measuring 5.529 hectares in extent.	
	Portion 75 (a portion of Portion 67), measuring 5.5411 hectares in extent.	
	Portion 76 (a portion of Portion 67), measuring 5.5850 hectares in extent.	Close Corporation - Home Shopper CC
	Portion 79 (a portion of Portion 67), measuring 1.500 hectares in extent.	
	Portion 73 (a portion of Portion 67), measuring 10.4125 hectares in extent.	
	Portion 80 (a portion of Portion 67), measuring 27.4933 hectares in extent.	
		Close Corporation - Corporate Flat CC
The above Schietfontein and Krelingspost properties are further collectively referred to as the "Proposed Schietfontein & Krelingspost Prospecting Area".		
Application area (Ha):	Total area of 273.732 hectares ("Ha"). The Proposed Project will likely disturb a total area of +/- 4 000m2 (taking into account potential temporary access roads)	
Magisterial district:	Madibeng Local Municipality	
Distance and direction from nearest town:	The Proposed Schietfontein and Krelingspost Prospecting Area is located approximately 14 km west of Brits. Surrounding communities include Damonsville, Mothotlung, Mmakau, Ga-Kwate, Ramolapong and private landowners and farmers. (Refer to Figure 1: Regional Locality map and Figure 2: Locality map).	
21 digit Surveyor General Code for each farm portion:	Portions of Schietfontein 437 JQ	
	Remaining Extent of Portion 5	T0JQ00000000043700005
	Portion 24 (a portion of Portion 2)	T0JQ00000000043700024
	Portion 27 (a portion of Portion 2)	T0JQ00000000043700027

	Portion 28 (a portion of Portion 2)	T0JQ00000000043700028
	Remaining Extent of Portion 32	T0JQ00000000043700032
	Portion 33 (a portion of Portion 32)	T0JQ00000000043700033
	Portion 34 (a portion of Portion 32)	T0JQ00000000043700034
	Portion 35 (a portion of Portion 2)	T0JQ00000000043700035
	Remaining Extent of Portion 99	T0JQ00000000043700099
	Portion 100 (a portion of Portion 99)	T0JQ00000000043700100
	Portion 101 (a portion of Portion 99)	T0JQ00000000043700101
	Portions of Krelingspost 425 JQ	
	Portion 2	T0JQ00000000042500002
	Portion 3	T0JQ00000000042500003
	Portion 70 (a portion of Portion 67)	T0JQ00000000042500070
	Portion 71 (a portion of Portion 67)	T0JQ00000000042500071
	Portion 72 (a portion of Portion 67)	T0JQ00000000042500072
	Portion 73 (a portion of Portion 67)	T0JQ00000000042500073
	Portion 74 (a portion of Portion 67)	T0JQ00000000042500074
	Portion 75 (a portion of Portion 67)	T0JQ00000000042500075
	Portion 76 (a portion of Portion 67)	T0JQ00000000042500076
	Portion 79 (a portion of Portion 67)	T0JQ00000000042500079
	Portion 80 (a portion of Portion 67)	T0JQ00000000042500080

5. LOCALITY MAP

The Proposed Project will be located on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of Schietfontein and Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost (Refer to **Figure 1 and 2**).

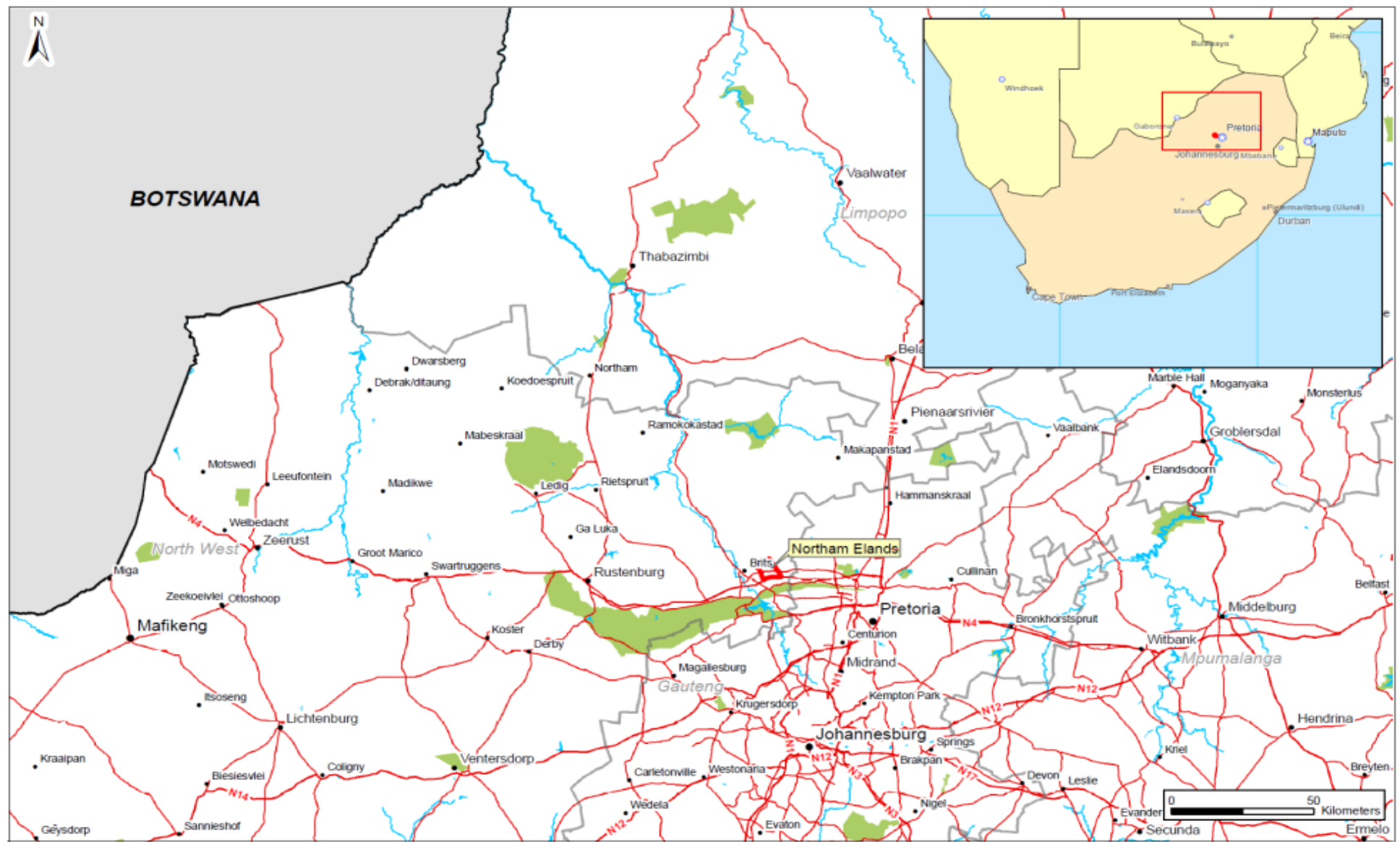


Figure 1: Regional locality map of EM



Figure 2: Aerial locality map of EM Surface Area and the Proposed Schietfontein and Krelingspost Prospecting Area.

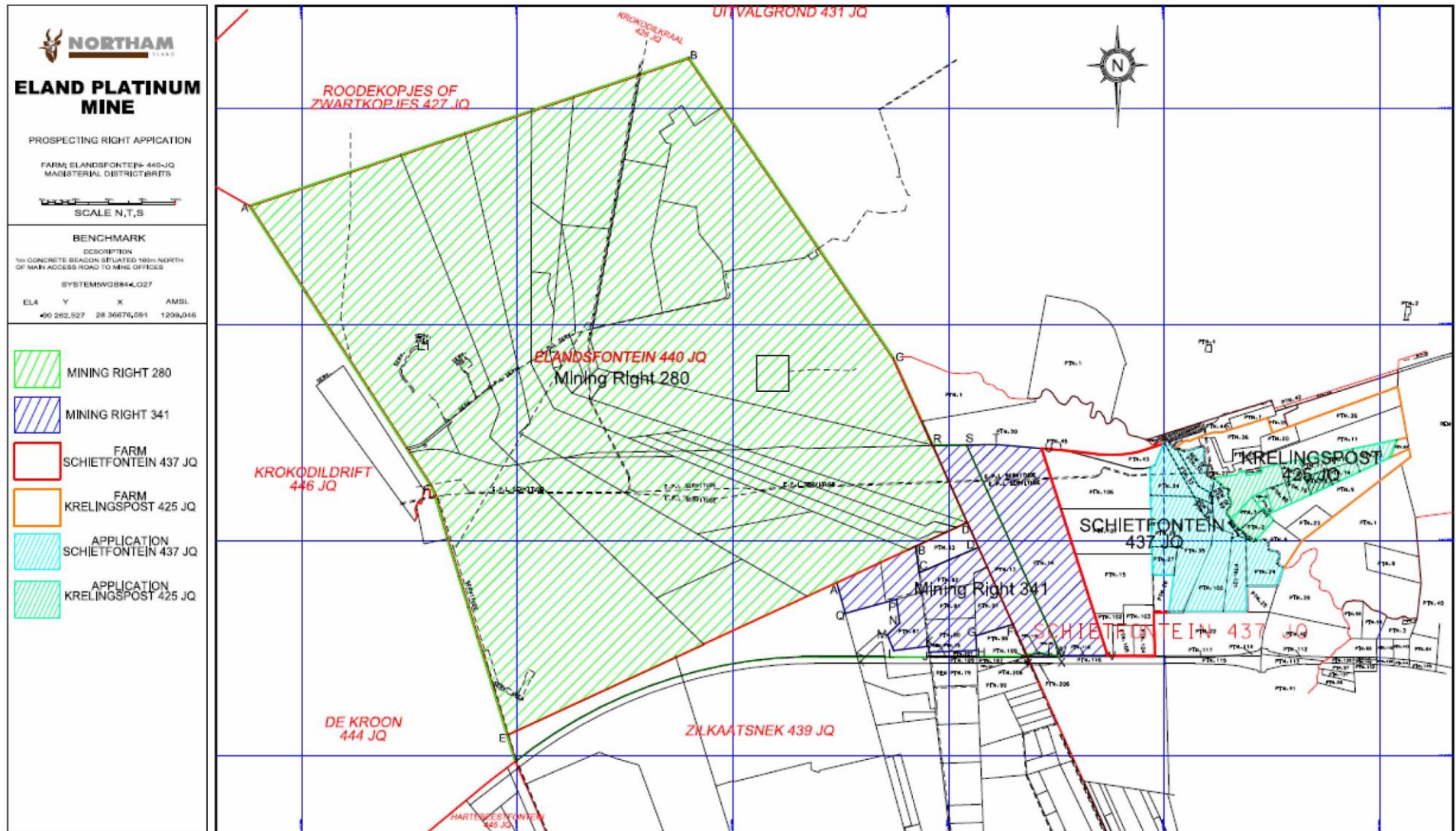
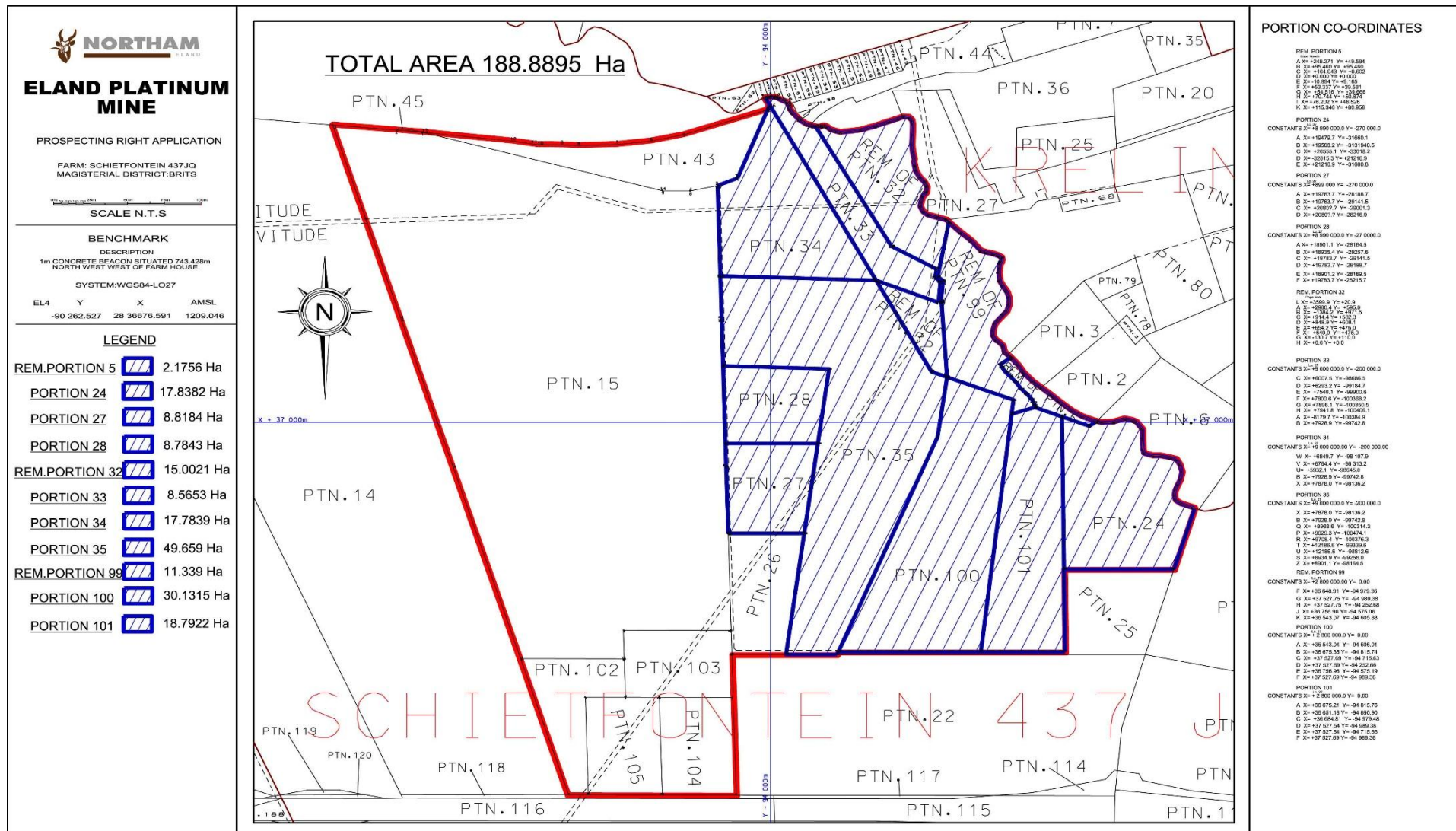


Figure 3: Location for Proposed Project



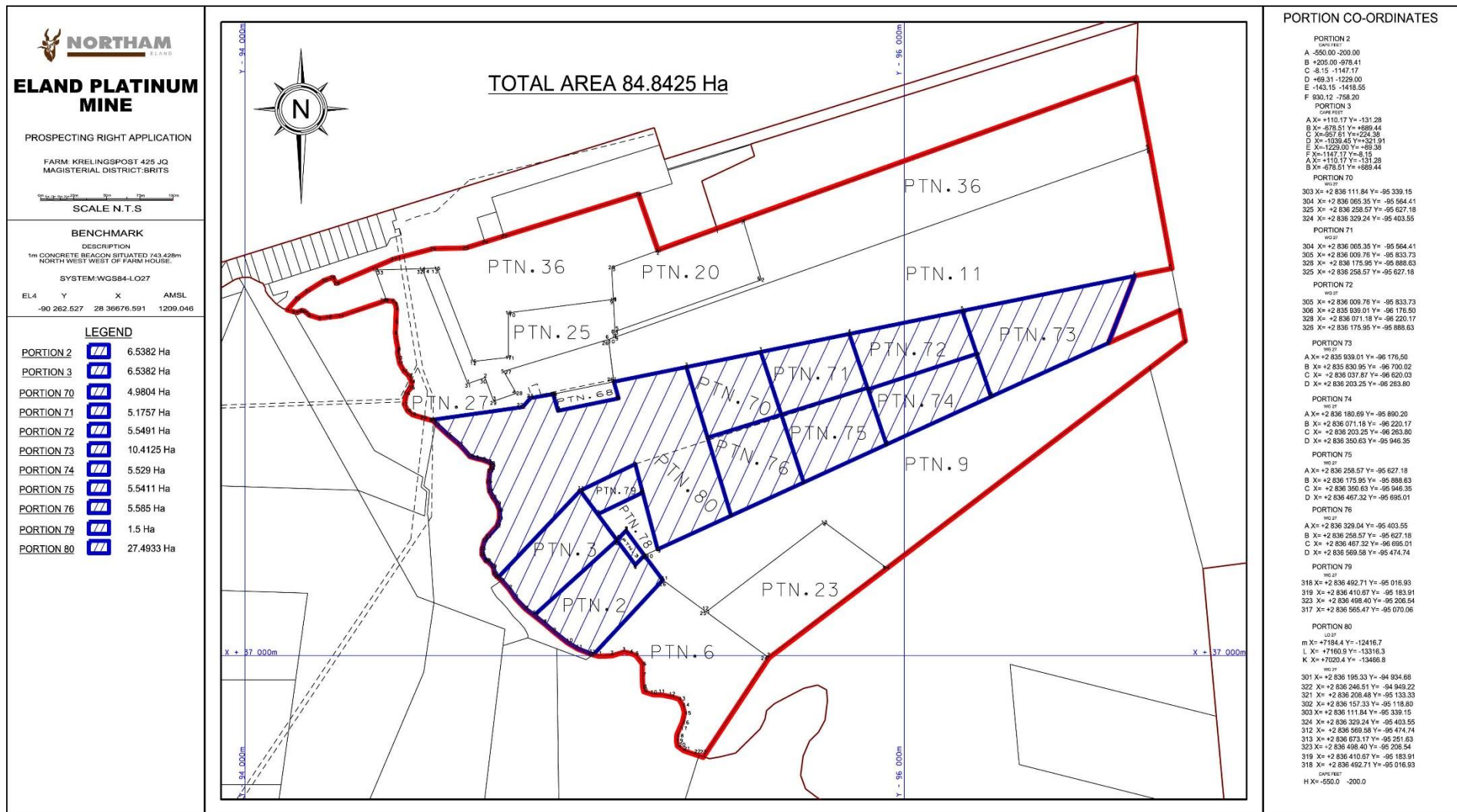


Figure 5: Portions of the Farm Krelingspost 425 JQ

6. DESCRIPTION OF THE SCOPE OF THE PROPOSED OVERALL ACTIVITY:

6.1 Listed and specified activities

6.1.1 EP's Current Mining Operations

EM is an existing mine that produces PGM concentrate and chromite concentrate as a co-product. Minimal mining and processing activities are taking place on the EM operation. Operations have re-commenced in 2019, after a care and maintenance phase from October 2015.

The existing mining, processing and auxiliary infrastructure comprise of the following:

- Workshops and Stores;
- Overburden Rock and Topsoil Dumps;
- Opencast Mining Pits;
- Concentrator Plant;
- On-site Laboratory;
- Mine clinic and training centre;
- Water Management Infrastructure (i.e. dams, channels and pipelines);
- Waste Water Treatment Plant and Water Treatment Plant;
- Two decline Shafts (Kukama and Nyala) and supporting infrastructure;
- Tailings Storage Facilities, comprising of four Paddocks;
- Offices and auxiliaries;
- Recreational Area (Game Farm);
- Agricultural fields; and
- Haul and internal Roads.

6.1.2 Proposed Activity Description

The following activities are planned on the Proposed Schietfontein and Krelingspost Prospecting Area:

6.1.2.1 Schietfontein 437JQ

Eleven diamond drilled boreholes are planned on the Remaining Extents of Portions 5, 32, 99 and Portions 24, 27, 28, 33, 34, 35, 100 and 101 of Schietfontein over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to the understanding of the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky UG2 and UG1 Reefs.

The mineral distribution of the orebody is to be determined by means of diamond core drilling, core logging, sampling and assaying of the drill core.

The relevant lithological, structural and assay information of each borehole will be collected according to EP's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise.

Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr_2O_3 and Fe_2O_3 will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility, located at EM. All geological information collected from the borehole logs will be stored in digital format in a database.

A table listing the planned prospecting boreholes is inserted below (Table 3), followed by a locality plan indicating the borehole positions (Figure 6).

Table 3: Planned diamond drilling activity on portions of Schietfontein.

FARM	PORTION	PLANNED BHOLE	X	Y	Z	FINAL DEPTH	TARGET
SCHIETFontein 437JQ	PTN 28	S_PL01	93973	-37015	1229	170	MR, UG2
SCHIETFontein 437JQ	PTN 35	S_PL02	94271	-37014	1232	170	MR, UG2
SCHIETFontein 437JQ	PTN 100	S_PL03	94632	-37022	1233	170	MR, UG2
SCHIETFontein 437JQ	PTN 99	S_PL04	94615	-36812	1230	245	MR, UG2
SCHIETFontein 437JQ	PTN 27	S_PL05	94057	-37305	1234	250	UG2,UG1
SCHIETFontein 437JQ	PTN 101	S_PL06	94811	-37236	1236	80	UG2
SCHIETFontein 437JQ	PTN 24	S_PL07	95049	-37085	1236	150	UG2
SCHIETFontein 437JQ	PTN 5	S_PL08	94878	-36906	1233	190	MR, UG2
SCHIETFontein 437JQ	PTN 32	S_PL09	94529	-36408	1218	420	MR, UG2
SCHIETFontein 437JQ	PTN 34	S_PL10	94140	-36446	1219	360	MR, UG2
SCHIETFontein 437JQ	PTN 33	S_PL11	94480	-36496	1220	390	MR, UG2
						2595	

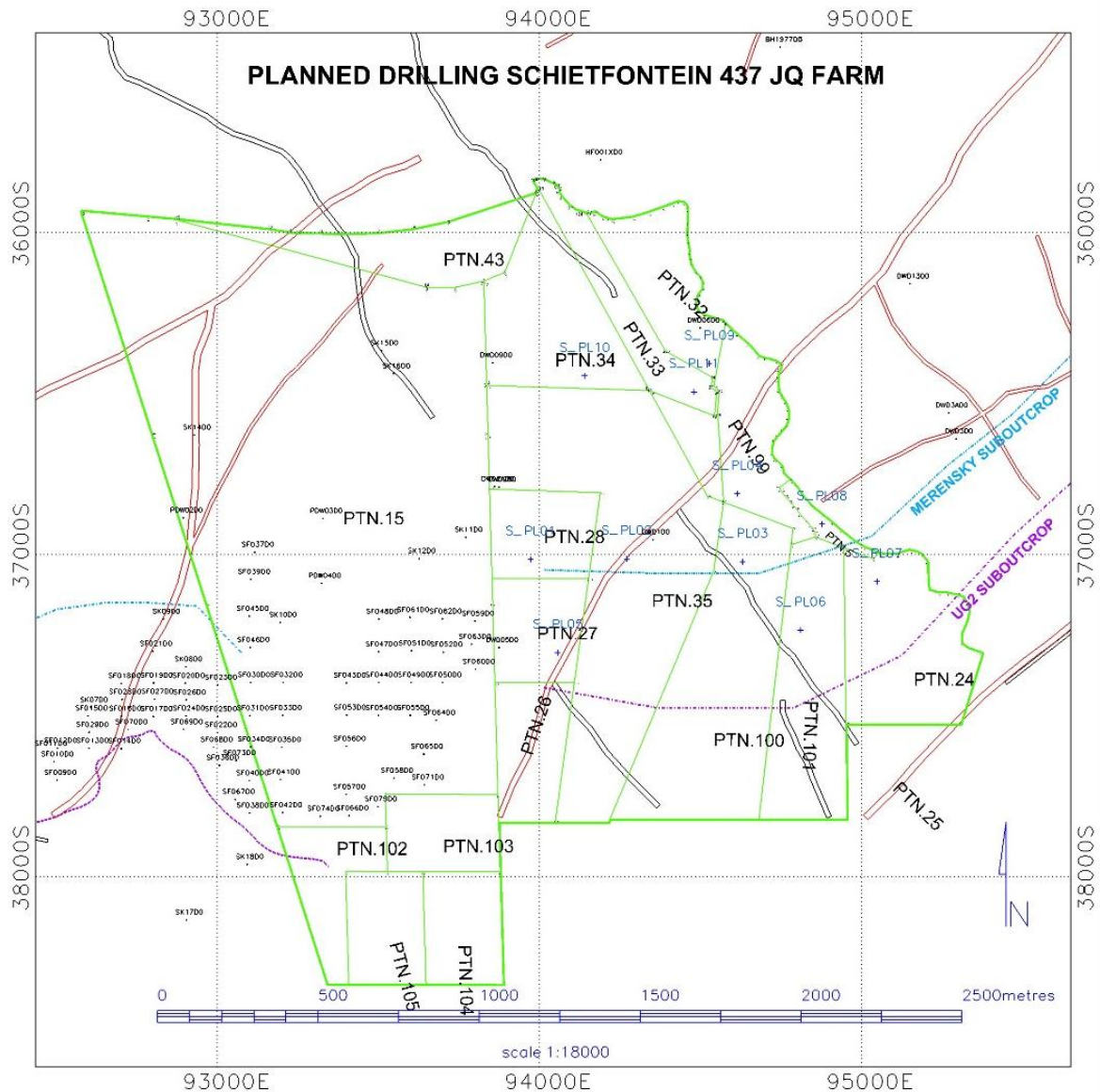


Figure 6: Planned prospecting boreholes on Schietfontein

6.1.2.2 Krelingspost 425JQ

Eleven diamond drilled boreholes are planned on Portions 2, 3, 70, 71, 72, 73, 74, 75, 76, 79 and 80 of Krelingspost over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of these Reefs.

The mineral distribution of the orebody is to be determined by means of diamond core drilling, core logging, sampling and assaying of the drill core.

The relevant lithological, structural and assay information of each borehole will be collected according to the EP's prospecting protocols, which are considered acceptable for PGE resource estimation and comparable to industry standard practise.

Analysis of Pt, Pd, Rh, Au, Cu, Ni, Cr₂O₃ and Fe₂O₃ will be undertaken by an accredited laboratory and the remaining borehole core will be stored for reference purposes at the core storage facility located at EM. All geological information collected from the borehole logs will be stored in digital format in a database.

A table listing the planned prospecting boreholes is inserted below (Table 4), followed by a locality plan indicating the borehole positions (Figure 7).

Table 4: Planned diamond drilling activity on portions of Krelingspost

FARM	PORTION	PLANNED BHOLE	X	Y	Z	FINAL DEPTH	TARGET
KRELINGSPOST 425JQ	PTN 2	K_P01	95034	-36853	1234	180	MR, UG2
KRELINGSPOST 425JQ	PTN 80	K_P02	95406	-36500	1233	175	
KRELINGSPOST 425JQ	PTN 76	K_P03	95559	-36384	1235	180	
KRELINGSPOST 425JQ	PTN 75	K_P04	95835	-36269	1237	340	MR, UG2, UG1
KRELINGSPOST 425JQ	PTN 74	K_P05	96166	-36153	1241	250	
KRELINGSPOST 425JQ	PTN 73	K_P06	96525	-35927	1247	440	MR, UG2
KRELINGSPOST 425JQ	PTN 3	K_P07	94876	-36817	1232	230	MR, UG2
KRELINGSPOST 425JQ	PTN 79	K_P08	95083	-36527	1231	290	MR, UG2
KRELINGSPOST 425JQ	PTN 70	K_P09	95421	-36298	1235	270	MR, UG2
KRELINGSPOST 425JQ	PTN 71	K_P10	95674	-36210	1236	250	MR, UG2
KRELINGSPOST 425JQ	PTN 72	K_P11	95978	-36124	1238	260	MR, UG2
						2865	

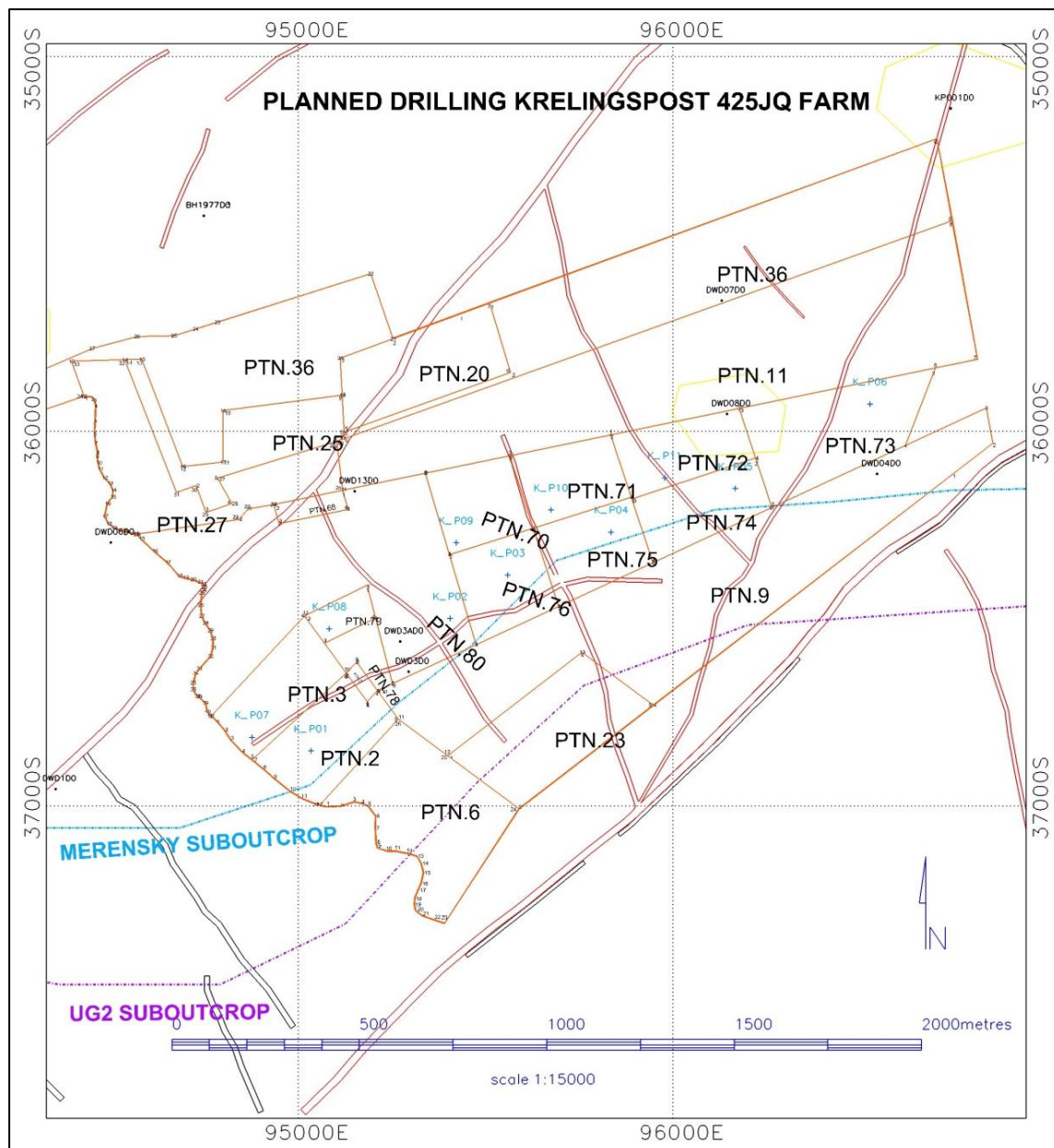


Figure 7: Planned exploration boreholes on Krelingspost

6.2 Description of the activities to be undertaken

(Describe Methodology or technology to be employed, and for a linear activity, a description of the route of the activity).

The purpose of this application is to obtain an EA from the DMR to successfully undertake prospecting activities on certain farm portions, known as the Proposed Schietfontein and Krelingspost Prospecting Area.

The Proposed Schietfontein and Krelingspost Prospecting Area is to the east of the existing EM, over which two mineral rights are held, namely the Zilkaatsnek Mining

Right (DMR Reference. No: NW 30/5/1/2/2/341MR) and Elandsfontein Mining Right (DMR Ref. No: NW 30/5/1/2/2/280MR), (collectively the "**Mining Rights**"). The main objective of the Prospecting Right Application is to obtain a prospecting right to undertake the Proposed Project and to better understand the structural complexity of the Bushveld Igneous Complex ("**BIC**") to the east of EM.

The Proposed Project will comprise of several diamond-drilled boreholes over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to the understanding of the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky, UG2 and UG1 Reefs.

The mineral distribution of the orebody will be determined by means of core logging, sampling and assaying of the drill core.

The Proposed Activities: (i) will comprise of prospecting activities and vegetation clearance; and (ii) may require / entail the widening of an existing road and / or impacting on land within 32m of a watercourse.

Each drill site will be demarcated (e.g. barrier tape, fence, warning signs etc.) and only EP's personnel, contractors or their representatives will be allowed to enter the drill site. Diamond core drilling will be conducted within the Proposed Schietfontein and Krelingspost Prospecting Area. The drill rigs will be wheel mounted, with outriggers to stabilize the rigs. The ground below the drill rigs will be covered with devices to contain any possible drill rig leakages. The drilling fluids will be pumped through a settling sump, which will be lined. The contents of the sump will be removed from the Proposed Prospecting Area after the drilling and disposed at an approved dumping site.

The drilled core will be packed into core trays, which will be removed from the site and transported to EM for further processing. A geological report will be compiled containing all the historical and current data, geological modelling outcomes, resource estimations, conclusions and recommendations for any possible further investigations and exploratory work.

7. POLICY AND LEGISLATIVE CONTEXT

Table 5: Policy and legislative context of the proposed activity

APPLICABLE LEGISLATION AND GUIDELINES USED TO COMPILE THE REPORT	REFERENCE WHERE APPLIED	HOW DOES THIS DEVELOPMENT COMPLY WITH AND RESPOND TO THE LEGISLATION AND POLICY CONTEXT?
<p>1. <u>Constitution of the Republic of South Africa (Act No. 108 of 1996)</u></p> <p>In terms of section 24 of the Constitution of the Republic of South Africa (Act No.108 of 1996) (the "Constitution"), everyone has the right to an environment that is not harmful to their health or well-being and to have the environment protected, for the benefit of present and future generations, through reasonable legislation and other measures that prevent pollution and ecological degradation, promote conservation and secure ecologically sustainable development and use of natural resources while prompting justifiable economic and social development. The needs of the environment, as well as affected parties, should thus be integrated into overall project management to fulfil the requirements of section 24 of the Constitution.</p>	<p><i>Refer to point 1 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The implications for the Proposed Project include the obligation to ensure that it: (i) will not result in significant pollution and/or ecological degradation; and (ii) is ecologically sustainable, while promoting justifiable economic and social development.</p>
<p>2. <u>National Environmental Management Act (Act No. 107 of 1998)</u></p> <p>The NEMA, as amended, contains a set of principles in Chapter</p>	<p><i>Refer to point 2 in table 5.</i></p>	<p><u>Applicability to the Proposed Project</u></p> <p>The EA Application has been submitted.</p> <p>The Duty of Care has been during the basic assessment process,</p>

<p>2 that govern environmental management. These principles must be adhered to and taken into consideration during the EA Application and the life cycle phases of the Proposed Project. The term 'environment' is defined in terms of NEMA as:</p> <p><i>“Environment means the surroundings within which humans exist and that are made up of –</i></p> <p><i>(i) the land, water and atmosphere of the earth;</i></p> <p><i>(ii) micro-organisms, plant and animal life;</i></p> <p><i>(iii) any part or combination of (i) or (ii) and the interrelationship among and between them; and</i></p> <p><i>(iv) the physical, chemical, aesthetic and cultural, properties and conditions of the foregoing that influence human health and wellbeing”.</i></p> <p>Section 24(1) of the NEMA states:</p> <p><i>“In order to give effect to the general objectives of integrated environmental management laid down in this Chapter [Chapter 5], the potential consequences for or impacts on the environment of listed activities or specified activities must be considered, investigated, assessed and reported on to the competent authority or the Minister of Minerals and Energy, as the case may be, except in respect of those activities that may commence without having to obtain an environmental</i></p>		<p>through the consideration of potential impacts (cumulative, direct, and indirect). It will continue to apply throughout the life cycle of the Proposed Project.</p>
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<p><i>authorisation in terms of this Act.”</i></p> <p>Section 28 of the NEMA places a duty of care on all persons to prevent, limit or remediate any pollution or degradation of the environment (the "Duty of Care"). Section 28 applies to all activities taking place, and not solely focused on the listed activities being applied for.</p>										
<p>3. <u>EIA Regulations (GN R982 of 8 December 2014)</u> <u>(Describe the listed activities which occur as part pf the Proposed Project)</u></p> <p>The EIA Regulations (published in GN R982 of Government Gazette 38282 on 8 December 2014 under section 24 of the NEMA), to manage the process, methodologies and requirements for the undertaking of an EA Application. The EIA Regulations stipulate that the applicant must appoint an independent EAP to manage the EA Application process where a development constitutes activity/ies listed in terms of GN R983, GN R984 and/or GN R985 (all published in Government Gazette 38282 of 8 December 2014 under section 24 of the NEMA) ("GN R983", "GN R984" and "GN R985" respectively).</p> <p>GN R982 defines two categories for undertaking an application for EA, namely the basic assessment process and the ‘full’ EIA process.</p> <p>Section 24C(2A) of NEMA indicates that where listed activities</p>	<p><i>Refer to point 3 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The drilling of twenty-two diamond drilled boreholes triggers a listed activity in terms of GN R983 and GN R985. Based on the regulatory requirements, a basic environmental assessment process must be undertaken in terms of GN R982.</p> <p><u>Applicability to the Proposed Project:</u></p> <p>The drilling of twenty-two diamond drilled boreholes triggers a listed activity in terms of GN R983 and GN R985. Based on the regulatory requirements, a basic environmental assessment process must be undertaken in terms of GN R982.</p> <table><tr><th>Number and date of relevant notice</th><th>Activity No.</th><th>Description of each listed activity as per the GN.</th><th>Description of the proposed activities in relation to the listed activities being applied for.</th></tr><tr><td>GN. 983</td><td>20</td><td>Any activity, including the operation of that activity, which requires a prospecting right in terms of section 16 of the MPRDA, including-</td><td>The Proposed Project will comprise of 22 diamond drilled boreholes over a five-year period, targeting the Merensky Pyroxenite. UG2 and</td></tr></table>	Number and date of relevant notice	Activity No.	Description of each listed activity as per the GN.	Description of the proposed activities in relation to the listed activities being applied for.	GN. 983	20	Any activity, including the operation of that activity, which requires a prospecting right in terms of section 16 of the MPRDA, including-	The Proposed Project will comprise of 22 diamond drilled boreholes over a five-year period, targeting the Merensky Pyroxenite. UG2 and
Number and date of relevant notice	Activity No.	Description of each listed activity as per the GN.	Description of the proposed activities in relation to the listed activities being applied for.							
GN. 983	20	Any activity, including the operation of that activity, which requires a prospecting right in terms of section 16 of the MPRDA, including-	The Proposed Project will comprise of 22 diamond drilled boreholes over a five-year period, targeting the Merensky Pyroxenite. UG2 and							

<p>are directly related to the extraction and primary processing of a mineral or petroleum resource the Minister of Mineral Resources is the Competent Authority ("CA") or officials at the DMR to whom he has delegated his authority, being the Regional Managers.</p>			<p>(a) associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource; or</p> <p>(b) the primary processing of a mineral resource including winning, extraction, classifying, concentrating, crushing, screening or washing.</p>	<p>UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to understanding the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky, UG2 and UG1 Reefs.</p>
	GN R. 985	12(h)	<p>The clearance of an area of 300 square metres or more of indigenous vegetation (except where such clearance is required for maintenance purposes undertaken in accordance with a maintenance management plan) in the NWP on land, where such land is situated within a CBA, as identified in systematic biodiversity plans adopted by the CA;</p>	<p>Vegetation will be cleared for the drilling sites and potentially for the temporary access roads. It is likely that the impacted vegetation will include indigenous vegetation, as the Proposed Schietfontein and Krelingspost Prospecting Area is within / near the Marikana Thornveld ecosystem and is situated in a CBA as per the NWP BSP.</p>
	GN R. 985	14(h)	<p>The development of infrastructure or structures with a physical footprint of 10m² or more, where such development occurs-</p> <p>(a) within a watercourse;</p> <p>(c) if no development setback has been adopted, within 32m of a watercourse, measured from the edge of a watercourse in the NWP on land, where such land is</p>	<p>It is not foreseen that any prospecting activities will be undertaken within 32m of a watercourse. However, provision is made to include the listed activity should this be required. The Proposed Project is within / near the Marikana Thornveld ecosystem and is situated in a CBA as per the NWP BSP.</p>

				<p>situated within <i>inter alia</i>:</p> <p>(i) a CBA, as identified in systematic biodiversity plans adopted by the CA; or</p> <p>(ii) b) 5 kilometres from protected as identified in terms of the NEM:PAA or from the core areas of a biosphere reserve.</p>	<p>The MPNE is situated ± 3.1 km south of the Proposed Schietfontein and Krelingspost Prospecting Area. The Hartbeespoort Dam Nature Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and ± 0.2 km east of the Proposed Prospecting Area respectively. The prospecting area falls within the Magaliesberg Biosphere Reserve.</p>
		GN R. 985	18(h)	<p>The widening of a road by more than 4m, or the lengthening of a road by more than 1Km, in the NWP on land, where such land is situated within <i>inter alia</i>:</p> <p>(i) a CBA, as identified in systematic biodiversity plans adopted by the CA; or</p> <p>(ii) b) 5 kilometres from protected as identified in terms of the NEM:PAA or from the core areas of a biosphere reserve.</p>	<p>The proposed drilling localities have been determined and existing access roads will be used as far as possible. There will however potentially be a need to widen these roads to allow for access. The Proposed Activities is within / near the Marikana Thornveld ecosystem and is situated in a CBA, as per the NWP BSP.</p> <p>The MPNE is situated ± 3.1 km south of the Proposed Schietfontein and Krelingspost Prospecting Area. The Hartbeespoort Dam Nature Reserve and M'Nandi Private Nature Reserve are located ± 4.1 km south-west and ± 0.2 km east of the</p>

					Proposed Prospecting Area respectively. The prospecting area falls within the Magaliesberg Biosphere Reserve.
<p>4. <u>National Environmental Management: Air Quality Act (Act No. 39 of 2004)</u></p> <p>The National Environmental Management: Air Quality Act (Act No. 39 of 2004) ("NEM:AQA") was implemented on 24 February 2005 and reforms the law regulating air quality, in order to protect the environment by providing: (i) reasonable measures be implemented for the prevention of pollution and ecological degradation and securing ecologically sustainable development while promoting justifiable economic and social development; and (ii) for national norms and standards regulating air quality monitoring, management and control by all spheres of government; for specific air quality measures; and for matters incidental thereto.</p> <p>On 22 November 2013 the List of Activities which result in Atmospheric Emissions which have or may have a significant detrimental effect on the environment, including health, social conditions, economic conditions, ecological conditions or cultural heritage was published under GN R893 in Governmental Gazette No 37054, in terms of section 21(1)(b) of the NEM:AQA (GN R893") thereby repealing the previous list of</p>	<p><i>Refer to point 4 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>No activity listed GN R893 is applicable to the Proposed Project.</p> <p>The Proposed Schietfontein and Krelingspost Prospecting Area falls within the Waterberg-Bojanala National Priority Area, as contemplated in section 18(1) of NEMAQA.</p>			

activities which were promulgated on 31 March 2010.		
<p>5. <u>National Environmental Management: Biodiversity Act (Act No. 10 of 2004)</u></p> <p>In line with the Convention on Biological Diversity, the National Environmental Management: Biodiversity Act (Act No. 10 of 2004) ("NEM:BA") aims to legally provide for biodiversity conservation, sustainable use and equitable access and benefit sharing. NEM:BA creates a basic legal framework for the formation of a national biodiversity strategy and action plan and identification of biodiversity hotspots and bioregions, which will then be given legal recognition.</p> <p>It imposes obligations on landowners (state or private) governing alien invasive and regulates the introduction of genetically modified organisms. The NEM:BA ensures that provision is made by the site developer to remove any aliens which have been introduced to, or are present on, the site.</p> <p>NEM:BA also provides for listing of threatened or protected ecosystems, in one of four categories: critically endangered, endangered, vulnerable or protected. Threatened ecosystems are listed to reduce the rate of ecosystem and species extinction by preventing further degradation and loss of structure, function and composition of threatened ecosystems. The purpose of listing protected ecosystems is primarily to conserve sites of</p>	<p><i>Refer to point 5 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The Proposed Project will take place on degraded, cultivated fields and natural open areas. No critical endangered ecosystems are located within the area, however the prospecting area falls within the vulnerable Marikana Thornveld Ecosystem.</p>

exceptionally high conservation value.		
<p>6. <u>National Environmental Management: Waste Act (Act No. 59 of 2008)</u></p> <p>The NEM:WA was implemented on 1 July 2009 and section 20 of the Environment Conservation Act (Act No. 73 of 1989) ("ECA"), under which waste disposal sites was previously governed, was repealed.</p> <p>The objectives of NEM:WA involve the protection of health, wellbeing and the environment by providing reasonable measures for the minimisation of natural resource consumption; avoiding and minimising the generation of waste; reducing, recycling and recovering waste; and treating and safely disposal of waste as a last resort.</p> <p>In terms of the NEM:WA, all waste management activities must be licenced. According to section 44 of the NEM:WA, the licensing procedure must be integrated with an EIA process in terms of the NEMA. GN R921, published under NEM:WA in <i>Government Gazette</i> 37083 on 29 November 2013 contains the list of waste activities that requires a waste management licence ("GN R921").</p>	<p><i>Refer to point 6 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>No listed activities in terms of GN R921 are anticipated for the Proposed Project.</p> <p>Waste handling, storage and disposal during operation are required to be undertaken in accordance with the requirements of the Act, as has been detailed in the EMPr.</p>
<p>7. <u>National Heritage Resources Act (Act No. 25 of 1999)</u></p> <p>The protection and management of South Africa's heritage</p>	<p><i>Refer to point 7 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>Based on the desktop survey of specialist studies conducted in the area no heritage resources of significance are present on the</p>

<p>resources are regulated by the National Heritage Resources Act (Act No. 25 of 1999) ("NHRA"). The national enforcing authority for the NHRA is the South African Heritage Resources Agency ("SAHRA"). In terms of the NHRA, historically important features such as graves, archaeology and fossil beds are protected. Similarly, culturally significant symbols, spaces and landscapes are also afforded protection. Permits are required to damage or destroy such heritage resources, unless the provisions of section 38(8) of NEMA are followed.</p>		<p>Proposed Schietfontein and Krelingspost Prospecting Area.</p>
<p>8. <u>National Water Act (Act No. 36 of 1998)</u></p> <p>The National Water Act (Act No. 36 of 1998) ("NWA") is the primary regulatory legislation, controlling and managing the use and pollution of water resources. It provides for fundamental reformation of legislation relating to water resource use. The NWA's preamble recognises that the: (i) ultimate aim of water resource management is to achieve sustainable use of water for the benefit of all users; and (ii) protection of water resources' quality is necessary to ensure sustainability of the nation's water resources in all water users' interests. The NWA's purpose is stated in section 2 and enforced by the Department of Water and Sanitation. The NWA's principles are set out in section 2 and include the following:</p> <ul style="list-style-type: none"> • <i>Promoting the efficient, sustainable and beneficial use of water in the public interest;</i> 	<p><i>Refer to point 8 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The Proposed Project for the drilling of diamond drilled boreholes may potentially require a General Authorisation in terms of the NWA, 1998. This is due to the fact that some of the drilling sites might potentially be situated within 100m of the 1 in 100 year floodline of the non-perennial stream that traverses between the Schietfontein and Krelingspost Farm boundary.</p>

<ul style="list-style-type: none"> • <i>Facilitating social and economic development;</i> • <i>Protecting aquatic and associated ecosystems and their biological diversity;</i> • <i>Reducing and preventing pollution and degradation of water resources; and</i> • <i>Meeting international obligations.</i> <p>The NWA presents strategies to facilitate sound management of water resources; provides for the protection of water resources; and regulates use of water by means of Catchment Management Agencies, Water User Associations, Advisory Committees and International Water Management. As the NWA is founded on the principle that government has overall responsibility for and authority over water resource management, including the equitable allocation and beneficial use of water in the public interest, an industry (including mines) can only be entitled to use water if it has an entitlement for such use under the NWA.</p>		
<p>9. <u>Mineral and Petroleum Resources Development Act (Act No. 28 of 2002)</u></p> <p>The MPRDA's main objective is to recognise the State as the custodian over all the mineral and petroleum resources in South Africa and promote equitable access to the country's resources. It allows for previously disadvantaged persons to enter the minerals and petroleum industry and benefit from the</p>	<p><i>Refer to point 9 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>A prospecting right application for the Proposed Project was submitted by EP to the DMR as the CA.</p>

<p>exploitation of the country's minerals. This is done through the focus on job creation in the mining industry for previously disadvantaged people. The MPRDA ensures that holders of existing and new mining rights contribute towards the socio-economic development in the areas in which they operate, promoting economic growth, employment and advance the social- economic welfare of all South Africans.</p> <p>A prospecting right is required to be granted by the DMR for prospecting activities relating to mineral resources.</p>		
<p>10. <u>Mine Health and Safety Act (Act No. 29 of 1996)</u></p> <p>The Mine Health and Safety Act (Act No. 29 of 1996) ("MHSA") aims to provide for protection of the health and safety of all employees and other personnel at South African mines. Its main objectives are:</p> <ul style="list-style-type: none"> • Protection of the health and safety of all persons at mines; • Requiring employers and employees to identify hazards and eliminate, control and minimise the risks relating to health and safety at mines; • Giving effect to the public international law obligations of South Africa that concern health and safety at all mines; • Providing for - <ul style="list-style-type: none"> ○ employee participation in matters of health and 	<p><i>Refer to point 10 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>EP will need to ensure that the MHSA is adhered to on Proposed Schietfontein and Krelingspost Prospecting Area by employees, contractors, sub-contractors and visiting personnel. This is especially pertinent during the operational phase of the Proposed Project.</p>

<p>safety through health and safety representatives and the health and safety committees at mines;</p> <ul style="list-style-type: none"> ○ effective monitoring of health and safety conditions at mines; ○ enforcement of health and safety measures at mines; ○ investigations and inquiries to improve health and safety at mines; and <ul style="list-style-type: none"> • To promote: <ul style="list-style-type: none"> ○ a culture of health and safety in the mining industry; ○ training in health and safety in the mining industry; and ○ co-operation and consultation on health and safety between the State, employers, employees and their representatives. 		
<p><u>11. Conservation of Agricultural Resources Act (Act No. 43 of 1983)</u></p> <p>The CARA aims to provide for control over the utilisation of natural agricultural resources, including: promoting the conservation of soil, water resources and vegetation; and combatting weeds and invader plants. It makes provision for control measures to achieve the CARA's objectives relating to <i>inter alia</i>:</p>	<p><i>Refer to point 11 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The Proposed Project will take place on degraded, cultivated fields and natural open area and EP will take cognisance of the requirements of CARA, where applicable.</p>

<ul style="list-style-type: none"> • Cultivation of virgin soil; • Utilisation / protection of wetlands, marshes, water sponges, watercourses / sources; • Regulating of the flow pattern of run-off water; • Utilisation and protection of vegetation; • Grazing capacity of veld and the number and type of animals; • Control of weeds and invader plants; and • Restoration or reclamation of eroded land or land which is disturbed or denuded. 		
<p>12. <u>Hazardous Substance Act (Act No. 15 of 1973)</u></p> <p>The Hazardous Substances Act (Act No. 15 of 1973) ("HSA") provides for the:</p> <ul style="list-style-type: none"> • Control of substances which may cause injury or ill-health to or death of human beings by reason of their toxic, corrosive, irritant, strongly sensitizing or flammable nature or the generation of pressure thereby in certain circumstances; • Control of certain electronic products; • Division of such substances or products into groups in relation to the degree of danger; • Prohibition and control of the importation, manufacture, sale, use, operation, application, modification, disposal or dumping of such substances and products; and 	<p><i>Refer to point 12 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>EP will take cognisance of the requirements of the HSA in relation to hazardous substances that may be used for the Proposed Project. It is not anticipated that significant volumes of hazardous substances will be used.</p>

<ul style="list-style-type: none"> • Matters connected therewith. 		
<p>13. <u>Promotion of Access to Information Act (Act No. 2 of 2000)</u></p> <p>The Promotion of Access to Information Act (Act No. 2 of 2000) ("PAIA") recognises that everyone has a right of access to any information held by the State; and another person when that information is required to exercise or protect any right. PAIA's purpose is to promote transparency and accountability in public and private bodies and a society in which people have access to information that enables them to exercise and protect their rights.</p>	<p><i>Refer to point 13 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>GN R982 contains regulations pertaining to public involvement and the provision of <i>inter alia</i> BARs to interested and affected parties to enable public comment. These Regulations will be adhered to during the PPP. However, the PAIA will also be considered and adhered to.</p>
<p>14. <u>Provincial and Municipal Bylaws</u></p> <p>The MLM, BPDM and NWP has developed local bylaws, provincial legislation and various policies relating to waste disposal, water, economic development, air quality etc.</p>	<p><i>Refer to point 14 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>The following provincial legislation, municipal bylaws and policies are applicable to EM:</p> <ul style="list-style-type: none"> ➤ Spatial Development Framework ("SDF"), 2016: North West Province; ➤ MLM: Air Quality Management By-Laws, 2013; ➤ MLM: Waste Management By-Laws, 2008; ➤ MLM: Storm water management By-laws, 2013; and ➤ MLM: Water & Sanitation By-Laws, 2015. <p>EP will ensure that such policies, provincial legislation and bylaws, are adhered to during the Proposed Project's commencement and</p>

		operation.
<p>15. <u>Guidelines</u></p> <p>In addition to the abovementioned Acts and their associated Regulations, the following guidelines and reports have been taken cognisance of during the application process:</p> <ul style="list-style-type: none"> • BPDM Integrated Development Plan, 2012. • BPDM SDF, 2016. • MLM IDP, 2017-2018. • Madibeng Environmental Management Framework, 2009. • SANS 10103 of 2008. • SANS 10210 of 2004. • NEMA Implementation Guidelines: Sector Guidelines for Environmental Impact Assessment Regulation (published under GN 654 in GG 3333 of 29 June 2010). • DEA (2011); A user friendly guide to the National Environmental Management: Waste Act, 2008. South Africa, Pretoria. • Department of Environmental Affairs and Tourism (2004): Criteria for determining Alternatives in EIA, Integrated 	<p><i>Refer to point 15 in table 5.</i></p>	<p><u>Applicability to the Proposed Project:</u></p> <p>EP will ensure that such policies and standards, as far as possible, are adhered to during the Proposed Project.</p>

<p>Environmental Management, Information Series 11.</p> <ul style="list-style-type: none"> • DEA (2017) Guideline on Need and Desirability. • Guideline for Implementation: Public Participation in the EIA Process (published in under GN 807 in GG 35769 of 10 October 2012). 		
<p>16. <u>Eland Platinum Health, Safety, Environmental and Community (HSEC) Policy and EPRP</u></p> <p>A copy of EP's HSEC Policy can be found under Appendix 5.</p>	<p><i>Refer to point 16 in table 5.</i></p>	<p><u>Applicability to the project:</u></p> <p>EP will ensure that its HSEC Policy is adhered to during the Proposed Project's operational phase.</p>

8. ROLES AND RESPONSIBILITIES

The following role players will participate in the environmental management of the site, namely:

- EP; and
- Contractors (this includes Service Providers).

This EMPr must be attached as an Appendix to service provider tender documents and referred to in the tender documents as "special conditions of tender".

8.1 EP

Ultimate responsibility for implementation of the EMPr lies with EP. This responsibility, in some instances, may be delegated to contractors in the service of EP for practical purposes but EP will retain legal accountability. In this regard, EP should delegate a suitably qualified environmental control officer ("**ECO**") with the responsibility to ensure the implementation of the EMPr, and who will:

- Know the contents and implications of the BAR and monitor the implementations of the findings using the EMPr;
- Guide, advise, and consult the contractors on environmental issues during construction, operation, decommissioning and post-decommissioning of the Proposed Project;
- Revise the EMPr, as required, and inform relevant parties of the changes; and
- Protect the environment.
- Monitor the EMPr throughout the Proposed Project through site visits and meetings. This should be documented as part of the site meeting minutes.

ECO details will be available as soon as he / she is appointed by EP.

8.2 Contractor

Responsibility of the contractors during the Proposed Project's construction, operation, decommissioning and post-decommissioning is to:

- Ensure that all requirements of the EMPr are communicated to, understood and followed by all persons working on the Proposed Project who may have an environmental impact;
- Ensure that a procedure exists for reporting incidents and resolving any problems rapidly; and
- Keep adequate records relating to the compliance or non-compliance of responsible parties to relevant EA conditions. These records must be made available to the relevant CA within seven days of a written request.

9. PROJECT MANAGEMENT PRINCIPLES

Project management principles will form the basis for environmental management on the Proposed Schietfontein and Krelingspost Prospecting Area. Should these principles require modification or additions during the Proposed Project's phases, this should be done at the discretion of the responsible person (e.g. ECO), who will ensure that any modifications are communicated, explained to, and discussed with all affected parties.

9.1 Preparation for the Proposed Project

The following points outline the steps required in preparing for the Proposed Project's implementation.

- Final Site selection based on the following criteria:
 - Heritage Survey;
 - Biodiversity Survey
 - Wetland Verification
- All general workers will receive induction training which will be presented by EP. This induction training must include a health and safety, and an environmental management, component.
- The contractors must be made aware of the hazards, risk and environment management, including:
 - Why environmental management is required for the Proposed Project;
 - Roles and responsibilities of individuals associated with the Proposed Project; and

- Specific issues that need to be managed, such as:
 - Dust;
 - Materials handling and storage;
 - Leaks and spill prevention;
 - Noise;
 - Waste;
 - Biodiversity; and
 - Demarcated and no-go areas.

9.2 EM Policies and Procedures

EP subscribes to strict environmental, health, safety and community procedures for its operations. It has developed an EPRP for its mining and mineral processing operations. The EPRP is attached under Appendix 1. In general, the EPRP endeavours to ensure:

- A safe environment for all internal and external stakeholders;
- That all activities are conducted in an environmentally responsible manner, consistent with environmental regulations, guidelines and best practice;
- The identification and management of all significant environmental risks;
- The existence of a comprehensive system for managing emergencies and a high degree of emergency preparedness;
- That the response to emergencies is predicated primarily on the preservation of human life and safety of emergency response personnel;
- The containment of emergencies and their effects within facility boundaries; and
- Cooperation with external emergency response organizations.

Implementation of the EPRP will be the responsibility of the HSEC manager. Personnel will be designated and trained to activate and implement the EPRP in reaction to onsite and offsite accidental releases of contaminants, or other environmental emergencies that may occur. Contractors performing work for EP will be required to be appropriately trained and have ready access to equipment and supplies that would allow them to contain and control an accidental contaminant release until the arrival of an emergency response team.

9.3 Record Keeping

All records related to the implementation of this management plan (e.g. site induction records, Site Officer diary, methods statements etc.) must be kept together in an office where it is safe and can be retrieved easily. These records should be kept for two years and at any time be available for scrutiny by any relevant CA.

9.4 Stakeholder Engagement

A complaints register must be kept at the EM security gate. All complaints must be recorded and replied to as soon as possible. The complaints register must be made available any time for scrutiny by any relevant CA.

10. ENVIRONMENTAL PERFORMANCE REPORTING

10.1 Quarterly ECO reporting reports

The ECO will produce an environmental performance report on a regular basis for the duration of the Proposed Project's Construction Phase. Monthly inspections will be conducted; and quarterly ECO reports need to be submitted to the authorities.

10.2 Annual EMPr compliance audit reports

EMPr compliance audits will be conducted on an annual basis. Independent qualified companies with adequate audit experience must be used and compliance reports need to be submitted to the authorities.

11. METHODOLOGY USED FOR COMPILATION OF ENVIRONMENTAL MANAGEMENT PROGRAMME (EMPR)

Different impacts are associated with the different phases of the Proposed Project. The significance will be determined by both the extent and duration of the impact. The environmental risk of any aspect is determined by a combination of parameters associated with the impact. Each parameter connects the physical characteristics of an impact to a quantifiable value to rate the environmental risk. A description of the parameters used in this impact assessment is given in the table below.

Table 6: Impact Assessment Methodology.

Parameter	Description
Extent:	Area extent affected by the potential impact: <ul style="list-style-type: none"> • Onsite – Within specific site boundary (weight value – 1) • Local – Within municipal boundary (weight value – 2) • Regional – Outside municipal boundary (weight value – 3)
Duration:	Time that the potential impact will be in effect <ul style="list-style-type: none"> • Short term – 1 Year or less (weight value – 1) • Medium term – 1 - 5 Years (weight value –2) • Long term – Longer than 5 Years (weight value – 3)
Intensity:	The severity of an impact on the receiving environment: <ul style="list-style-type: none"> • Low – Natural and / or cultural processes continue in a modified way and is reversible (weight value – 1) • Medium – Natural and/or cultural processes stop and is partially reversible (weight value – 2) • High – Natural and / or cultural processes disturbed to an irreversible state (weight value – 3)
Significance of Impact / Consequence	Adding the extent, duration and intensity together provides the significance of the impact (High, Medium or Low). Extent + Duration + Intensity = High/Medium/Low Impact
Probability:	The likelihood of an impact occurring: <ul style="list-style-type: none"> • Unlikely – 0% - 45% chance of the potential impact occurring (weight value – 1) • Possible – 46% - 75% chance of the potential impact occurring (weight value – 2) • Likely - >75% chance of the potential impact occurring (weight value – 3)
Environmental Risk Refer to the table below	Multiplication of the significance of the impact by the probability of the impact occurring produces a final conclusion of the overall risk that an impact poses to the surrounding environment. High / Medium/Low Impact X Probability = High / Medium / Low Environmental Risk

12. ASSESSMENT OF EACH IDENTIFIED POTENTIALLY SIGNIFICANT IMPACT AND RISK

(This section of the report must consider all the known typical impacts of each of the activities (including those that could or should have been identified by knowledgeable persons and not only those that were raised by registered interested and affected parties).

Table 7: Environmental management mitigation measures for the different activities and phases of the proposed expansion project.

Activity	Phase	Impact	Mitigation Measure	Monitoring	Compliance Standard	Responsibility	Start Date	End Date
1. Biodiversity								
<p>The following activities might potentially have an impact on the biodiversity:</p> <ul style="list-style-type: none"> • Site establishment; • Site clearing; • Vehicle and equipment movement; • Access road clearing; • Drilling operation; • Excavations; • Site de-establishment; • Vegetation clearing. 	Pre-construction	Habitat destruction	<p>1) Prior to the commencement of the Proposed Project, a Biodiversity specialist must be appointed to undertake final drilling site locations, and the most suited location of temporary access roads.</p> <p>2) A Wetland verification must be undertaken prior to the commencement of the Proposed Project.</p> <p>3) No access roads may cross or encroach any wetlands, drainage lines or streams. Avoid unnecessary impacts on natural vegetation. Impacts should be contained, as much as possible, within the footprint of the drilling area.</p> <p>4) Keep disturbance of vegetation surrounding drilling area to a minimum.</p> <p>5) Rehabilitate disturbed areas as quickly as possible following completion of prospecting activities in an area.</p> <p>6) Do not translocate soil stockpiles from areas with alien plants.</p> <p>7) Control any alien plants immediately, to avoid establishment of a soil seed bank that would take decades to remove.</p>	Monthly inspections	PWP	EP,	No dates available	All phases to Decommissioning Phase
	Construction	Loss of Biodiversity		Quarterly ECO reporting	EMPr	ECO,		
	Operation	Loss of indigenous natural vegetation		Annual EMPr Audits	Rehabilitation Plan	Site Manager		
	Decommissioning	Establishment and spread of declared weeds and alien invader plants.		Wetland Verification				
		Habitat transformation		Biodiversity Survey				

Activity	Phase	Impact	Mitigation Measure	Monitoring	Compliance Standard	Responsibility	Start Date	End Date
			8) Establish an on-going monitoring programme to detect and quantify any aliens that may become established. 9) Rehabilitate and re-vegetate the disturbed areas as per the EM rehabilitation plan.					
2. Soil								
The following activities might potentially have an impact on the soil: • Site establishment; • Site clearing; • Vehicle and equipment movement; • Access road clearing; • Drilling operation; • Excavations; • Site de-establishment.	Construction Operation Decommissioning	Land clearing causing physical disturbance to the soil. Loss of topsoil Soil compaction Soil erosion	1) Impacts should be contained, as much as possible, within the footprint of the drilling area. 2) Rehabilitate disturbed areas as quickly as possible following completion of prospecting activities in an area. 3) Do not translocate soil stockpiles from areas with alien plants. 4) Rehabilitate and re-vegetate the disturbed areas as per the EM rehabilitation plan.	Monthly inspections Quarterly ECO reporting Annual EMPr Audits	PWP EM Conservation Procedure EPRP Soil	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase
3. Surface Water								
Chemical and solvent spillages from drilling and earth moving equipment.	Pre-construction Construction Operation Decommissioning	Impact on the surface water quality or run-off	1) A Wetland verification must be undertaken prior to the commencement of the Proposed Project. 2) A water use risk assessment in terms of GN 509 must be undertaken prior to the commencement of the Proposed Project. 3) No access roads may cross or encroach any wetlands, drainage lines or streams. The location of all activities and infrastructure should be outside of the specified zones and/or floodlines of watercourses. If this is unavoidable, the necessary exemptions / approvals will be obtained;	Monthly inspections Quarterly ECO reporting Annual EMPr Audits Monthly Surface Water Monitoring; Wetland Verification Water Use Risk	EP WUL; EPRP General Authorisation NWA, 1998 GN 509	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase

Activity	Phase	Impact	Mitigation Measure	Monitoring	Compliance Standard	Responsibility	Start Date	End Date
			4) Potential pollution will be managed by implementing the following processes: <ul style="list-style-type: none"> - maintenance of equipment; - education and training of workers (permanent and temporary); - appropriate management of hazardous materials and waste; - the required steps to enable containment and remediation of pollution incidents; and - specifications for post rehabilitation audit criteria, to ascertain whether the remediation has been successful and if not, to recommend and implement further measures. 	Assessment				
4. Ground water								
Chemical and solvent spillages from drilling and earth moving equipment.	Construction Operation Decommissioning	Impact on the groundwater quality	1) EP must identify boreholes on the Proposed Schietfontein and Krelingspost Prospecting Area and monitor the groundwater quality prior to commencement of the activities to establish the baseline. 2) It is recommended that quarterly monitoring samples be taken of boreholes within the prospecting area. 3) Equipment and vehicles must be maintained; and 4) Potential pollution will be managed by implementing the following processes: <ul style="list-style-type: none"> - maintenance of equipment; - education and training of workers (permanent and temporary); - appropriate management of 	Monthly inspections Quarterly ECO reporting Annual EMPr Audits Quarterly Groundwater Monitoring;	EPRP EMPr SANS 241	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase

Activity	Phase	Impact	Mitigation Measure	Monitoring	Compliance Standard	Responsibility	Start Date	End Date
			hazardous materials and waste; - the required steps to enable containment and remediation of pollution incidents; and - specifications for post rehabilitation audit criteria, to ascertain whether the remediation has been successful and if not, to recommend and implement further measures.					
5. Noise								
Increased ambient noise levels due to the following activities: Movement of vehicles, drilling equipment and site clearing equipment to the prospecting sites; Drilling activities; Rehabilitation activities once drilling has been completed.	Construction Operation Decommissioning	Increased ambient noise levels that may have a potential impact on the wellbeing of surrounding land users and employees.	1) Establish, implement and maintain an effective vehicle maintenance system; 1) Construction activities should be undertaken during weekdays from 6:00 to 18:00; and 2) Adequate Personal Protective Equipment ("PPE") must be used.	Monthly inspections Quarterly ECO reporting Annual EMPr Audits Noise Monitoring Compliant Register	Noise Control Regulations	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase
6. Waste								
Generation of general (non-hazardous) industrial waste materials during the different phases of the prospecting activities.	Construction Operation Decommissioning	Waste	1) Provide suitable containers and temporary storage areas, as close to the point of generation as practical possible; 2) Implement the waste management hierarchy principles where practical possible; 3) Separate waste at source and recycle wherever possible; and 4) Ensure unusable waste is disposed of in an environmentally responsible	Annual EMPr Audits; ECO Monitoring; Safe disposal certificates	Integrated waste and water management plan	EP, ECO, Site Manager Waste removal contractors	No dates available	All phases to Decommissioning Phase

Activity	Phase	Impact	Mitigation Measure	Monitoring	Compliance Standard	Responsibility	Start Date	End Date
			manner at licensed disposal facilities only ("cradle to grave" responsibility).					
7. Air								
Movement of vehicles and operation of equipment	Construction Operation Decommissioning	Dust emissions	1) Dust suppression mitigation measures, such as wetting of roads and stopping drilling operations during high wind conditions, must be implemented to limit and / or minimise / control airborne dust. 2) Ensure that a complaints register is kept at EM's entrance to capture any complaints from surrounding land users. 3) The construction activities should be kept to a small footprint. 4) Monthly dust monitoring should be implemented on the Proposed Schietfontein and Krelingspost Prospecting Area. 5) Adequate PPE must be used.	Monthly inspections Quarterly ECO reporting Annual EMPr Audits Monthly Dust fallout Monitoring Compliant Register	Dust Control Regulations	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase
8. Economic (Positive)								
Employment and skills development due to the Proposed Project.	Construction Operation Decommissioning	Positive economic benefits	1) It is recommended that local contractors are used to maximise the opportunities made available to the local labour force. 2) Training and skills development programmes should be initiated prior to the commencement of the operational phase. 3) Develop a database of local black economic empowerment service providers and ensure that they are informed of economic opportunities.	Monthly inspections Quarterly ECO reporting Annual EMPr Audits	EMPr EP procurement procedure	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase
9. Economic (Negative)								

Activity	Phase	Impact	Mitigation Measure	Monitoring	Compliance Standard	Responsibility	Start Date	End Date
Impact on the surrounding landowners and users. Impact includes: <ul style="list-style-type: none"> Property damage Trespassing on private property Nuisance Disturbance of day to day activities Damage to private roads 	Pre-Construction Construction Operation Decommissioning	Negative social impacts	1) Further consultation must be undertaken with the owner / developer of the De Wildt Solar Farm, Q4 Filling Station and Kroon Poultry Operations. 2) Prospecting activities must only be undertaken during weekdays from 6:00 to 18:00. 3) Damage caused as a result of prospecting activities must be repaired to the satisfaction of the landowner. 4) Final prospecting site locations must be agreed upon with the landowner and tenants.	Monthly inspections Quarterly ECO reporting Annual EMPr Audits Complaints register Minutes of consultation	EMPr EP procurement procedure	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase
10. Heritage								
Discovery of heritage resources.	Pre-construction Construction Operation Decommissioning	Heritage resources	1) 1) A heritage specialist must be appointed to provide inputs on the final prospecting locations. 2) On discovery of heritage resources the operations must be stopped. Do not further disturb the area before the below is undertaken. 3) 2) Notify the ECO. The ECO must arrange an assessment of the resource. If confirmed significant, the ECO must liaise with National, Cultural and History Museum. P.O. Box 28088 SUNNYSIDE 0132 3) Work must only recommence when cleared by ECO.	Monthly inspections Quarterly ECO reporting Annual EMPr Audits Heritage Survey	EMPr SAHRA	EP, ECO, Site Manager	No dates available	All phases to Decommissioning Phase

13. FINANCIAL PROVISION

State the amount that is required to both manage and rehabilitate the environment in respect of rehabilitation.

The financial provision has been provided for in the PWP. R8 463 000 has been provided for the Proposed Project, which includes rehabilitation and managing the environmental impact.

13.1 Explain how the aforesaid amount was derived.

The amounts required for the rehabilitation was derived from the GNR 1147 NEMA Regulation for Financial Provision for Prospecting, Exploration, Mining or Production Operations. The provision was determined by acquiring market related rates for the rehabilitation and closure of the prospecting sites.

13.2 Confirm that this amount can be provided for from operating expenditure.

The applicant has confirmed that the finances are available

14. ENVIRONMENTAL AWARENESS

EP has a prerequisite site induction that all employees and contractors must undertake before entering the EM Surface Area or working on prospecting areas. The site induction provides information on the hazards, areas of concern and procedure to follow in emergency situations. This site induction will also be used for purposes of the Proposed Project.

Contractors and employees must annually retake the site induction. The site induction includes:

- Explanation of the importance of complying with the legal approvals and management plans.
- Discussion of the potential environmental impacts of activities.
- Employees' roles and responsibilities, including emergency preparedness.

- Explanation of the mitigation measures that must be implemented when carrying out their activities.
- Contractors shall keep records of all environmental training sessions, including names and dates.
- Notwithstanding the specific provisions of this particular section it is incumbent upon the Contractor to convey the sentiments of the EMPr to all personnel involved with the works.

The EPRP in Appendix 1 contains information on what procedures and processes to follow in emergency situations.

15. EMERGENCY AND RISK MANAGEMENT

EM has developed an EPRP as part of its mining and processing operations. The EPRP is attached under appendix 1 of the EMPr. The method statement and process to follow in emergency situations (i.e. fire, spillages, etc.) is detailed in the EPRP. Employees and contractors must familiarise themselves with the conditions of the EPRP for the Proposed Project.

Appendix 1

Appendix 9



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Directorate: Mineral Regulation: North West Region
Private Bag A1, Klerksdorp, 2570 Corner Margaretha Prinsloo & Voortrekker Streets
Vaal University of Technology Building, Klerksdorp, 2571
Enquiries: Ms Neo Kgokong **Tel:** (018) 487 4300 **Fax:** (018) 487 4394
E-Mail: Neo.Kgokong@dmr.gov.za **Ref:** NW 30/5/1/1/3/2/1/12604 EM

REGISTERED MAIL

Mr Stephan Barkhuizen
Eland Platinum (Pty) Ltd
P O Box 194
PERSEQUOR PARK
0020

Dear Sir

ACKNOWLEDGEMENT OF RECEIPT OF AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION AS REQUIRED IN TERMS OF REGULATION 3 (6) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO.107 OF 1998): ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 LODGED IN TERMS OF REGULATION 19 OF THE ABOVE MENTIONED REGULATIONS READ TOGETHER WITH SECTION 12 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2008 (ACT NO.49 OF 2008) AS AMENDED:

1. The above-mentioned matter refers.
2. This letter serves to inform you that your application for an Environmental Authorisation lodged on **5 May 2007** is hereby acknowledged.
3. You are reminded that all documents must be submitted in accordance with the timeframes stipulated on the NEMA: EIA Regulations, 2014 therefore you are required to upload the documents on SAMRAD and submit two hard copies of the Basic Assessment Report and EMP report together with the proof of public participation process undertaken and the results thereof to this office **within 90 days from the lodgement date of your application.**

4. Consult with every organ of state that administers a law relating to a matter affecting the environment as stipulated on Regulation 7 (2) of NEMA: EIA Regulations: 2014 and submit proof and comments thereof.
5. It has been noted that a tribal authority or host community affected will be consulted, in this case, you are required to ensure that proof of consultation of the community concerned is supported by a resolution taken in a meeting attended/ facilitated by the Department of Rural Development and Land reform.
6. Kindly also note your application has been assigned to **Ms. Neo Kgokong** who can be reached at the following contact details: Tel: (018) 487 4300/4354.

Yours faithfully,


.....

7 **REGIONAL MANAGER: MINERAL REGULATION**
NORTH WEST REGION

DATE: 28/05/2019

Appendix 10



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

IMPORTANT NOTICE

Kindly note that:

1. As from 8 December 2014, this document serves as the application form, and incorporates the requisite documents that are to be submitted together with the application for the necessary environmental authorisations in terms of the said Acts.
2. This application form is applicable while the Mineral and Petroleum Resources Development Amendment Act of 2008 is in effect, as the form may require amendment should the Act be further amended.
3. Applicants are required to apply for the necessary water use licence and any other authorisations nor licences to the relevant competent authorities as required by the relevant legislation. Upon acceptance of an application for a right or permit in terms of the MPRDA, applicants will be required to provide evidence to the Regional Manager that a water use licence has been applied for.
4. The Regional Manager will respond to the application and provide the reference and correspondence details of the Competent Authority, and in the event that the application for a right or permit is accepted, together with the date by which the relevant environmental reports must be submitted. Notwithstanding anything that may appear to be stated to the contrary in the acceptance letter, the timeframes are in fact aligned and the prescribed timeframes for the submission of documents as regulated by the NEMA regulations must be strictly adhered to.
5. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
6. The failure to submit complete information as required in this application form may result in the refusal of the application for an environmental authorisation and consequently of the right or permit applied for.
7. This application must be submitted through the SAMRAD online application system of the Department of Mineral Resources under "Other documents to upload".
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
9. Please note that an application fee is payable in terms of the National Environmental Management Act, which fees must be paid upon lodgement of the application. Should the said application fees not be paid as prescribed the application for a right or permit in terms of the Mineral and Petroleum Resources Development Act cannot be considered to have been made in the prescribed manner and the said application for a right or permit will have to be rejected. In this regard the type of applications must be identified in the table below.

PLEASE STATE TYPE OF AUTHORISATIONS BEING APPLIED FOR.

APPLICATION TYPE	APPLICABLE FEE	Mark with an X where applicable
NEMA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMA BAR application on its own	R 2 000.00	<input checked="" type="checkbox"/>
NEMWA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMWA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	<input type="checkbox"/>
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	<input type="checkbox"/>

1. CONSULTATION BASIC ASSESSMENT AND/ OR SCOPING REPORT

2. DETAILS OF THE APPLICANT

Project applicant:	Eland Platinum Proprietary Limited ("EP") a wholly owned subsidiary of Northam Platinum Limited ("Northam")		
Registration no (if any):	2016/427918/07		
Trading name (if any):	Eland Platinum		
Responsible Person, (e.g. Director, CEO, etc).:	Jacques Pretorius (General Manager)		
Contact person:	Martiens Prinsloo		
Physical address:	Farm Elandsfontein 440 JQ Brits, 0250 North West Province		
Postal address:	PO Box 3436 Brits		
Postal code:	0250	Cell:	072 130 2046
Telephone:	(012) 381 4099	Fax:	086 411 8000
E-mail:	Martiens.Prinsloo@norplats.co.za		

3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Stephan Barkhuizen		
Professional affiliation/registration:	SACNASP: Certificated Natural Scientist Registration No: 115982		
Contact person (if different from EAP):			
Company:	CHEMC Environmental		
Physical address:	Plot 233 Mooiplaats, Boschkop, 0002		
Postal address:	P.O. Box 194, Perseus Park		
Postal code:	0020	Cell:	082 639 9944
Telephone:	012 802 1002	Fax:	012 802 1004
E-mail:	stephan@chemc.com		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by the NEMA Regulations, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and relevant application processes) of the EAP must also be attached as **Appendix 1**.

4. PROJECT DESCRIPTION

Farm Name:	<p>Farm Schietfontein 437 JQ ("Schietfontein"): Remaining Extent of Portion 5, Portion 24 (a portion of Portion 2), Portion 27 (a portion of Portion 2), Portion 28 (a portion of Portion 2), Remaining Extent of Portion 32, Portion 33 (a portion of Portion 32), Portion 34 (a portion of Portion 2), Portion 35 (a portion of Portion 2), Remaining Extent of Portion 99, Portion 100 (a portion of Portion 99) and Portion 101 (a portion of Portion 99).</p> <p>Farm Krelingspost 425 JQ ("Krelingspost"): Portion 2, Portion 3, Portion 70 (a portion of Portion 67), Portion 71 (a portion of Portion 67), Portion 72 (a portion of Portion 67), Portion 73 (a portion of Portion 67), Portion 74 (a portion of Portion 67), Portion 75 (a portion of Portion 67), Portion 76 (a portion of Portion 67), Portion 79 (a portion of Portion 67), Portion 80.</p> <p>The above Schietfontein and Krelingspost properties are further collectively referred to as the "Proposed Schietfontein / Krelingspost Prospecting Area".</p>
Application area (Ha)	273.732 Hectares
Magisterial district:	Madibeng Local Municipality
Distance and direction from nearest town	The town of Brits (Madibeng) is approximately 10 km west of the Proposed Schietfontein / Krelingspost Prospecting Area. Surrounding communities include private landowners, farmers and the Damonsville, Mothotlung, Mmakau and De Wildt communities.
21 digit Surveyor General Code for each farm portion	<p>Schietfontein:</p> <ol style="list-style-type: none"> 1. Remaining Extent of Portion 5 of the Farm Schietfontein 437 JQ - TOJQ00000000043700005 2. Portion 24 (a portion of Portion 2) of the Farm Schietfontein 437 JQ - TOJQ00000000043700024 3. Portion 27 (a portion of Portion 2) of the Farm Schietfontein 437 JQ - TOJQ00000000043700027 4. Portion 28 (a portion of Portion 2) of the Farm Schietfontein 437 JQ - TOJQ00000000043700028 5. Remaining Extent of Portion 32 of the Farm Schietfontein 437 JQ - TOJQ00000000043700032 6. Portion 33 (a portion of Portion 32) of the Farm Schietfontein 437 JQ - TOJQ00000000043700033 7. Portion 34 (a portion of Portion 2) of the Farm Schietfontein 437 JQ - TOJQ00000000043700034 8. Portion 35 (a portion of Portion 2) of the Farm Schietfontein 437 JQ - TOJQ00000000043700035 8. Remaining Extent of Portion 99 of the Farm Schietfontein 437 JQ - TOJQ00000000043700099 9. Portion 100 (a portion of Portion 99) of the Farm Schietfontein 437 JQ - TOJQ00000000043700100 10. Portion 101 (a portion of Portion 99) of the Farm Schietfontein 437 JQ - TOJQ00000000043700101 <p>Krelingspost:</p> <ol style="list-style-type: none"> 11. Portion 2 of the Farm Krelingspost 425 JQ - TOJQ00000000042500002 12. Portion 3 of the Farm Krelingspost 425 JQ - TOJQ00000000042500003 13. Portion 70 (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500070 14. Portion 71 (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500071

	<p>15. Portion 72 (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500072</p> <p>16. Portion 73 (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500073</p> <p>17. Portion 74, (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500074</p> <p>18. Portion 75 (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500075</p> <p>19. Portion 76 (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500076</p> <p>20. Portion 79 (a portion of Portion 67) of the Farm Krelingspost 425 JQ - TOJQ00000000042500079</p> <p>21. Portion 80 of the Farm Krelingspost 425 JQ - TOJQ00000000042500080</p>
Locality map	Attach a locality map at a scale not smaller than 1:250000 and attach as Appendix 2
<p>Description of the overall activity.</p> <p>(Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)</p>	<p>Eland Platinum is a wholly-owned subsidiary of Northam and, together with this application, has applied for a prospecting right ("Prospecting Right Application") in terms of the Mineral and Petroleum Resources Development Act, No 28 of 2002 to conduct prospecting operations ("Proposed Activities") on the Proposed Schietfontein / Krelingspost Prospecting Area..</p> <p>The Proposed Schietfontein / Krelingspost Prospecting Area is to the east of the existing Eland Platinum Mine ("EM"), over which two mineral rights are held, namely the Zilkaatsnek Mining Right (DMR Reference. No: NW 30/5/1/2/2/341MR) and Elandsfontein Mining Right (DMR Ref. No: NW 30/5/1/2/2/280MR), (collectively the "EP Mining Rights").</p> <p>The Proposed Schietfontein / Krelingspost Prospecting Area, as it will potentially extent the life of mine ("LoM") of the existing EM operations. The main objective of the Prospecting Right Application is to apply for prospecting works to better understand the structural complexity of the Bushveld Igneous Complex ("BIC") to the east of EM.</p> <p>The Proposed Activities will comprise of several diamond-drilled boreholes over a five-year period, targeting the Merensky Pyroxenite, UG2 and UG1 chromitite layers. These boreholes will provide valuable information relating to the continuity of both reefs and contribute to the understanding of the magnitude of the structural features, which currently prohibit a reliable resource estimation of the Merensky UG2 and UG1 Reefs.</p> <p>The mineral distribution of the ore-body will be determined by means of core logging, sampling and assaying of the drill core (Refer to Appendix 9: Prospecting Works Programme).</p> <p>The Proposed Activities: (i) will comprise of prospecting activities and vegetation clearance; (ii) and may require / entail the widening of an existing road and / or impacting on a watercourse or land within 32m of a watercourse. Further details on these activities are provided below under section 5 of this application.</p>

5. ACTIVITIES TO BE AUTHORISED

(Please provide copies of Environmental Authorisations obtained for the same property as **Appendix 3**).

(For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be included. Note that any authorisation that may result from this application will only cover activities specifically applied for). (Attach a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all the activities to be applied for, as **Appendix 4**)

A concurrent integrated application process is followed and applications will be submitted at a later stage.

Please note the activities are provided in accordance with GN R983, R984 and R985 of 4 December 2014, as amended by GN R327, R325 and R324 of 7 April 2017 respectively

NAME OF ACTIVITY	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY	APPLICABLE LISTING NOTICE	WASTE MANAGEMENT AUTHORISATION
(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)		(Mark with an X where applicable or affected).	(GNR 544, GNR 545 or GNR 546)	(Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)
Activity No. 20: Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the MPRDA, including- (a) associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource; or (b) the primary processing of a mineral resource including winning, extraction, classifying, concentrating, crushing, screening or washing; Interpretation of Activity: in total twenty-two (22) diamond drilled boreholes are planned across the Proposed Schietfontein / Krelingspost Prospecting Area. An average footprint of 90m ² will be disturbed for the drilling operation at each location (total footprint of 1980m ²). There are also temporary roads that will possibly have to be cleared to allow for access to the proposed drilling locations (total footprint of +/- 4 000m ² (inclusive of 1980m ²)).	+/- 4 000m ² (taking into account potential temporary access roads)	X	GN 983 Listing Notice No. 1	None
Activity No. 12: The clearance of an area of 300m ² or more of indigenous vegetation (except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan) in the North-West Province on land situated within a critical biodiversity area ("CBA"). Interpretation of Activity: Vegetation will be cleared for the drilling sites and potentially for the temporary access roads. It is likely that the	+/- 4 000m ² (taking into account potential temporary access roads)	X	GN 985 Listing Notice No. 3	None

[illegible]

6. PUBLIC PARTICIPATION

(Provide details of the public participation process proposed for the application as required by Regulation.

Details of the Public Participation process to be followed.

6.1.1. IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED

IDENTIFICATION CRITERIA	Mark with an X where applicable	
	YES	NO
Will the landowner be specifically consulted?	X	
Will the lawful occupier on the property other than the Landowner be consulted?	X	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?	X	
Will the landowners or lawful occupiers of neighbouring properties been identified?	X	
Will the local municipality be consulted?	X	
Will the Authority responsible for power lines within 100 metres of the area be consulted?	X	
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?	X	
Will authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted? (Specify) (See Appendix 7)	X	
Will the Provincial Department responsible for the environment be consulted?	X	
Will all of the parties identified above be provided with a description of the proposed mining / prospecting operation as referred above?	X	
Will all the parties identified above be requested in writing to provide information as to how their interests (whether it be socio-economic, cultural, heritage or environmental) will be affected by the proposed mining project?	X	
Other, Specify	Refer to Appendix 7 - List of stakeholders to be consulted as part of the Environmental Authorisation process	

6.1.2. DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

<p>Steps to be taken to notify interested and affected parties(Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as Appendix)</p>	<p>PROVIDE DESCRIPTION HERE</p> <p>Details of the public participation process to be followed:</p> <ol style="list-style-type: none"> 1. Fixing of Notice Boards at the following places: <ul style="list-style-type: none"> • Site Entrance of the EM; • Madibeng Local Library; • Mmakau Police Station; • High density location in the Damonsville Community; • High density location in the Tshwara Community; and • High density location in the De Wildt Community. 2. Distribute Public Notices and Background Information Documents) via registered mail, fax and email to the following: <ul style="list-style-type: none"> • Landowner; • Neighbouring landowners; • Stakeholders (i.e. South African Heritage Resources Agency, Eskom Holdings SOC, Tribal Authorities); • Ward Councillors; • Madibeng Local Municipality; • Bojanala Platinum District Municipality; • North West Department of Rural, Environment and Agricultural Development; • Department of Environmental Affairs; and • Department of Water and Sanitation. 3. Place newspaper advertisements in the following newspapers: <ul style="list-style-type: none"> • Daily Sun; and • Brits Pos. 4. Depending on the number of registered Interested and Affected Parties ("I&APs"), convene a public meeting. 5. Give registered I&APs and Stakeholders thirty (30) days to comment on the Draft Basic Assessment Report ("BAR") and Draft Environmental Management Programme ("EMPr"). 6. Make the Final BAR and EMPr available to I&APs for comments prior to submission to the Competent Authority. 7. Keep a register of all registered I&APs. 8. Compile a Comments and Responses Report. 9. Notify all I&APs and stakeholders of the competent authority's decision.
<p>Information to be provided to Interested and Affected Parties.</p>	<p>Compulsory</p> <ul style="list-style-type: none"> • The site plan. • List of activities to be authorised • Scale and extent of activities to be authorised • Typical impacts of activities to be authorised (e.g. surface disturbance, dust, noise, drainage, fly rock etc.) • The duration of the activity. • Sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land) <p>Other, specify: The availability of Draft and Final Reports and Plan</p>
<p>Information to be required from Interested and Affected Parties.</p>	<p>Compulsory</p> <ul style="list-style-type: none"> • To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions.

	<ul style="list-style-type: none"> To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity. To provide information on current land uses and their location within the area under consideration. To provide information on the location of environmental features on site to make proposals as to how and to what standard the impacts on site can be remedied. requested to make written proposals. To mitigate the potential impacts on their socio-economic conditions to make proposals as to how the potential impacts on their infrastructure can be managed, avoided or remedied).
	Other, specify: None

7. Description of the assessment process to be undertaken

ITEM	DESCRIPTION
Environmental attributes. Describe how the Environmental attributes associated with the development footprint will be determined.	<p>Environmental attributes will be determined with reference to the following:</p> <ul style="list-style-type: none"> Regional and Local Spatial Development Frameworks; Policy and legislative context; Desktop study of the study area by making use of Geographical Information System ("GIS") databases (i.e. BGIS, South African National Biodiversity Institute, etc.) and Provincial Biodiversity Databases; Views and comments of I&APs; Reviewing specialist studies conducted for the Proposed Schietfontein / Krelingspost Prospecting Area; and Conducting a site visit. <p>Environmental attributes will include, but will not be limited to, the following:</p> <ul style="list-style-type: none"> Heritage and cultural resources; Socio-economic features; Geohydrological and geological features; Biological and physical features; and Social and geographical setting.
Identification of impacts and risks. (Describe the process that will be used to identify impacts and risks.	<p>Potential impacts and risks will be determined by evaluating the different phases associated with the Proposed Activities.</p> <p>The phases will be as follows:</p> <ul style="list-style-type: none"> Planning phase; Site establishment phase; Operational phase; and Closure and decommissioning phase. <p>During the impact and risk identification process the following factors will be utilised / considering to identify potential impacts and risks:</p> <ul style="list-style-type: none"> Identification of the various activities, products and services required for site establishment and to operate and decommission the Proposed Activities; Control and influences; Incoming and outgoing products, material, waste and emissions; Potential, possible and actual impact and risks; Primary and secondary impacts and risks; Direct, indirect and cumulative impacts and risks; Positive and negative impacts and risks of the Proposed Activities; Normal, abnormal & emergency operational conditions; Past, present and reasonably foreseeable activities and impacts; and Mitigation measures of impact and risk and the residue effect of mitigation.
Consideration of alternatives. Describe how alternatives, and in particular the alternatives to the proposed site layout and possible alternative methods or	<p>There are no alternatives, as the only other alternative would be not proceeding with the Proposed Activities. The Proposed Activities will be undertaken in an area with existing established infrastructure.</p>

<p>technology to be applied will be determined.</p>	
<p>Process to assess and rank impacts. Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.</p>	<p>The following criteria and parameters will be used to identify, assess and rank the potential impacts of the Proposed Activities:</p> <ol style="list-style-type: none"> 1. Timing: The phase most affected by the potential impact <ul style="list-style-type: none"> • Planning phase; • Site establishment phase; • Operational phase; and • Closure and decommissioning phase. 2. Duration: Time that the potential impact will be in effect <ul style="list-style-type: none"> • Short term: 1 Year or less; • Medium Term: 1 - 5 Years; and • Long Term: Longer than 5 Years. 3. Extent: Area extent affected by the potential impact <ul style="list-style-type: none"> • Onsite: Within the specific site boundary; • Local: Within municipal boundary; and • Regional: Outside municipal boundary. 4. Probability: The likelihood that the potential impact may occur <ul style="list-style-type: none"> • Likely: >75% chance of the potential impact occurring; • Possible: 46% - 75% chance of the potential impact occurring; and • Unlikely: 0% - 45% chance of the potential impact occurring. 5. Intensity: The degree to which the potential impact may occur <ul style="list-style-type: none"> • High: Natural and/or cultural processes disturbed to an irreversible state; • Medium: Natural and/or cultural processes stop and is partially reversible; and • Low: Natural and/or cultural processes continue in a modified way and is reversible. 6. Significance: The level of importance associated with the effect of the potential impact <ul style="list-style-type: none"> • Negligible: the impact is insubstantial • Low: The impact is limited in extent and has low to medium intensity; whatever its probability of occurrence is, the impact will not have a material effect on the decision and is unlikely to require management intervention carrying significant cost. • Moderate: The impact is of importance and its intensity will be medium or high, therefore the impact may materially affect the decision and management intervention will be required. • High: The impact could render activity options controversial or the entire project unacceptable; it cannot be reduced to acceptable levels. 7. As part of the abovementioned assessment process, the degree to which impacts and risks: <ul style="list-style-type: none"> • Can be reversed; • May cause irreplaceable loss of resources; and • Can be avoided, managed and/or mitigated, will also be considered.
<p>Contribution of specialist reports Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.</p>	<p>Existing independent specialist reports will be taken into consideration and inform the impact identification, assessment and remediation process by means of the following:</p> <ol style="list-style-type: none"> 1. Providing details on the: <ul style="list-style-type: none"> • specialist who prepared the report; and • expertise of that specialist to compile a specialist report including a curriculum vitae. 2. The specialist report will attempt to provide the following information: <ul style="list-style-type: none"> • the scope of and the purpose for which the report was prepared; • the date and season of the site investigation and the relevance of the season to the outcome of the assessment; • a description of the methodology adopted in preparing the report or carrying out the specialised process; • the specific identified sensitivity of the site related to the activity and its associated structures and infrastructure; • an identification of any areas to be avoided, including buffers;

	<ul style="list-style-type: none"> • a map superimposing the activity, including the associated structures and infrastructure, on the environmental sensitivities of the site, including areas to be avoided, including buffers; • a description of any assumptions made and any uncertainties or gaps in knowledge; • a description of the findings and potential implications of such findings on the impact of the proposed activity, including identified alternatives on the environment; • any mitigation measures for inclusion in the EMPr; • any conditions for inclusion in the environmental authorisation; and • any monitoring requirements for inclusion in the EMPr or environmental authorisation. <p>3. The following inputs of the specialist report will be used in impact identification, assessment and remediation process:</p> <ul style="list-style-type: none"> • any assumptions made and any uncertainties or gaps in knowledge; • the findings and potential implications of such findings on the impact of the proposed activity, including identified alternatives on the environment; • mitigation measures that can be used in the EMPr; • any conditions for inclusion in the environmental authorisation; and • any monitoring requirements for inclusion in the EMPr or environmental authorisation. <p>Should there be a need for any additional specialist studies, they will be appointed, and their reports will be taken into consideration and findings disclosed to all I&APs. The Proposed Schietfontein / Krelingspost Prospecting Area is close to the EM and a substantive amount of specialist studies have been undertaken for EM. The findings and contents of the existing studies will be used to assess the impact of the Proposed Activities on any sensitive features.</p>
<p>Determination of impact management objectives and outcomes. Describe how impact management objectives will be determined for each activity to address the potential impact at source, and how the impact management outcomes will be aligned with standards.</p>	<p>Impact management objectives and outcomes will be determined by identifying the impacts and risks that need to be avoided, managed and mitigated through the basic assessment process for all phases of the development including:</p> <ul style="list-style-type: none"> • planning and design; • site establishment activities; • operational activities; and • rehabilitation of the environment after the Prospecting Activities and, where applicable, post-closure. <p>As part of the process a monitoring programme will be established that consists of the following actions:</p> <ul style="list-style-type: none"> • specify management objectives; • specify monitoring objectives; • identify the scope of monitoring; • recommend appropriate monitoring technology; • specify how the information collected should be used in decision-making; • define the spatial boundaries and select map scales and sites for observation, measurement or sampling; • select key indicators for direct measurement, observation or sampling; • define how the data will be analysed and interpreted and how it should be presented in monitoring reports; • define the precision and accuracy required in the data; • consider compatibility of data to be collected with historical data and with related contemporary data; and • set minimum requirements for monitoring.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA s		X		
National Environmental Management: Air Quality Act		X		
National Environmental Management: Biodiversity Act		X		
National Environmental Management: Integrated Coastal Management Act		X		
National Environmental Management: Protected Areas Act		X		
National Environmental Management: Waste Act		X		
National legislation				
Mineral Petroleum Development Resources Act	X		X	
National Water Act		X		
National Heritage Resources Act		X		
Others: Please specify		X		

Please provide proof of submission of applications in **Appendix 5**.

In the event that an authorization in terms of the National Environmental Waste Management Act is required for any of the activities applied for please state so clearly in order for such an authorisation to be considered as part of this application.

9. **DRAFT EMP**

For consultation purposes, provide a high-level approach to the management of the potential environmental impacts of each of the activities applied for.

ACTIVITIES	PHASE (of operation in which activity will take place).	SIZE AND SCALE (of Disturbance)	TYPICAL MITIGATION MEASURES	COMPLIANCE WITH STANDARDS
<p>(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc</p> <p>E.g. for mining:- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)</p>	<p>State; Planning and design, Pre-Construction Construction, Operational, Rehabilitation, Closure, Post closure.</p>	<p>(volumes, tonnages and hectares or m²)</p>	<p>(Eg. storm water control, dust control, noise control, access control, rehabilitation etc..... etc.....)</p>	<p>(A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)</p>
Refer to Appendix 6				

10. CLOSURE PLAN

<p>In the space provided under each heading below, please provide a high-level description of the plan for closure and the information that will be provided in the draft EMPr accompanying draft basic assessment report or environmental impact reports going forward.</p>	
<p>Baseline environment Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment</p>	<p>1. The baseline environment will be determined by conducting the following tasks:</p> <p>1.1 conducting a review of applicable legislation, policies and standards;</p> <p>1.2 identifying the sensitive features of the receiving environment including:</p> <ul style="list-style-type: none"> • topography; • existing and surrounding land-uses; • biophysical features (i.e. geology, geohydrology, fauna and flora, etc.); and • sensitive receptors; <p>1.3 consulting the following I&APs:</p> <ul style="list-style-type: none"> • Government Stakeholders and Departments; • Surrounding Landowners and Communities; and • Tribal Authorities; <p>1.4 a combination of a desktop studies, field surveys, site information collection and technical consultation;</p> <p>1.5 use of recognized survey and analysis techniques;</p> <p>1.6 identification of key environmental features that may enhance, constrain or limit the direction and rate of environmental change; and</p> <p>1.7 explanation of links, interactions and dependencies between environmental components.</p>
<p>Closure objectives Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>The five key closure objectives for the project will be:</p> <p>1. Health and Safety Protect public and employee health and safety in the immediate and long term.</p> <p>2. Environment Alleviate, or preferably eliminate, environmental damage (due to physical and chemical deterioration) once the Proposed Activities cease.</p> <p>3. Land Use In order of preference, either:</p> <ul style="list-style-type: none"> • achieve a productive use of the land (giving a greater overall community benefit); • return it to its original or pre-disturbance condition/land use; or • an acceptable alternative, which must be beneficial and sustainable in the long term. <p>4. Socio-economic Maximise socio-economic benefits as far as possible.</p> <p>5. Sustainability To the extent achievable, provide for the sustainability of socio-economic benefits resulting from site development and Proposed Activities. Other more specific closure objectives include:</p> <ul style="list-style-type: none"> • remediation of any contaminated soils; • reduce the need for long-term monitoring and maintenance; • long term physical stability and erosional stability from water and wind through a stabilized surface cover with little need for ongoing maintenance;

	<ul style="list-style-type: none"> • potential contaminants must not migrate into the receiving environment at harmful concentrations (i.e. short- and long-term impacts on surface and groundwater quality must be minimized at acceptable levels); • land use / function of the surface must be rehabilitated to pre-disturbance conditions, or conditions that are compatible with the surrounding environment, or other acceptable agreed land use; and • the long-term burden on future generations must be eliminated.
Rehabilitation Plan Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, including the anticipated prospecting or mining area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.	<p>The Proposed Activities will take place on the Proposed Schietfontein / Krelingspost Prospecting Area.</p> <p>The Proposed Activities (which includes core drilling activities) will likely disturb a total area of +/- 4 000m², taking into account potential temporary access roads.</p> <p>A site rehabilitation plan will be provided in the EMPr, that will be submitted as part of the BAR.</p>
Rehabilitation Cost Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof	<p>The quantum for rehabilitation guarantee will be determined by the area of disturbance, calculated according to the provisions. The rehabilitation cost will be provided as part of the final document.</p>
Decommissioning Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of either the cessation of the individual activity or the cessation of the overall prospecting or mining activity.	<p>The activity will be decommissioned on completion of the Proposed Activities, which will be aligned with the duration of the prospecting right to be granted under the Prospecting Right Application.</p>

Jacques Pretorius

03 MAY 2019

Eland Platinum:
General Manager

Signature of the applicant / Signature on behalf of the applicant:

[Signature] Eland Platinum Proprietary Limited

Name of company (if applicable):

03/05/2019

Date:

APPENDIX 1 DECLARATION OF THE EAP

I, Stephan Barkhuizen, declare that –

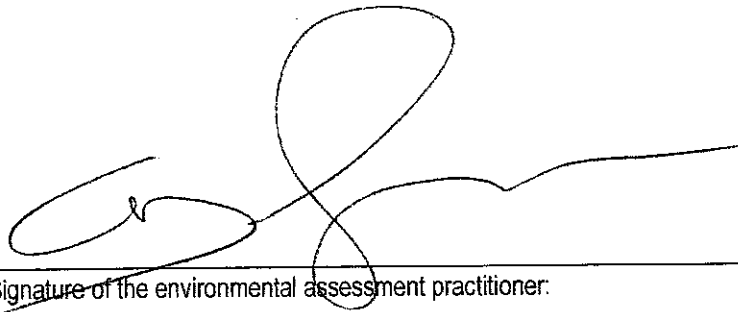
General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing – any decision to be taken with respect to the application by the competent authority; and – the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

- _____
- _____
- _____
- _____



Signature of the environmental assessment practitioner:

CHEMC Environmental
Name of company:

3-5-2019
Date: