

Physical address:

Department of Agriculture, Conservation, Environment and Rural Development
Agricentre Building
Cnr. Dr. James Moroka & Stadium Road
Mmabatho
2735

Contact: Ouma Skosana
Tel: 018-389 5959/5156

29/01/2013 *AS*

Duplicate

copy

To be stamped by
for SLR records.

DETECT and returned

HAND DELIVERY



SLR project no: 710.16002.00026

29 January 2014

DEPARTMENT OF AGRICULTURE, CONSERVATION, ENVIRONMENT AND RURAL DEVELOPMENT
AGRICENTRE BUILDING – OFFICE 10
CNR. DR. JAMES MOROKA & STADIUM ROAD
MMABATHO
2735

ATTENTION: MR NS MUKHOLA

*Exchange
29/01/2014*

**SUBMISSION OF APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION FOR THE
PROPOSED EXPANSION OF THE PROCESSING FACILITIES AT THE PILANESBERG PLATINUM MINE
ON THE FARMS TUSCHENKOMST 135 JP AND WITKLEIFONTEIN 136 JP, MOSES KOTANE LOCAL
MUNICIPALITY IN THE NORTH WEST PROVINCE.**

Dear Mr Mukhola

Hereby attached, please find the completed application form for an environmental authorisation for the proposed expansion of the processing facility at the Pilansberg Platinum Mine (PPM) located in the Moses Kotane Local Municipality of the North West Province.

1. PROJECT DESCRIPTION

PPM holds a mining right and currently operates an existing opencast platinum mine and processing facility on the farms Tuschenkomst 135 JP and Witkleifontein 136 JP. PPM is proposing to expand its current processing facilities to incorporate the following within the boundary of the existing processing plant:

- a UG2 milling and flotation section with a production throughput of approximately 65 000 tonnes per annum;
- a hydrometallurgical plant for the further beneficiation of the PGM concentrate;
- a tailings re-treatment; and
- a chrome recovery facility.

PPM is furthermore proposing a second tailings retreatment facility within the boundary of the exiting PPM tailings storage facility. This facility will be designed in such a way to allow for its disassembling and reconstruction at another site after a few years.



SLR Consulting (Africa) (Proprietary) Limited, Unit 7, Fourways Manor Office Park, Fourways, Johannesburg, South Africa
Postal address: PO Box 1596, Cromeriview, 2060, South Africa

T: +27 11 467 0865

F: +27 11 467 0578

www.slrc consulting.com

Directors: A James, B Sibbert, Z Dornale, E van Niekerk, A Sheppard (non-exec), K Pietersen (non-exec). Registered No. 3559/00178/09 VAT No. 430014587



2. FARMS AND LANDOWNERSHIP

The farms that will be affected by the proposed pit expansion project, and the relevant landowner details, are included in Table 1 below.

Table 1: Farms that will be affected by the proposed plant expansion project

FARM NAME	PORTION NUMBER	TITLE NUMBER	DEED	SURFACE OWNER AS PER TITLE DEEDS SEARCH
Tuschenkomst 135 JP	0	G594/1938BP		Republic of South Africa
Witkleifontein 136 JP	0	T9313/1937BP		Republic of South Africa
	1	T11640/1937BP		

3. ENVIRONMENTAL PROCESS

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent consulting firm, has been appointed to undertake the environmental authorisation process for this project. In order for PPM to amend the existing EIA/EMP, an approval from the following authorities will have to be obtained:

- North West Department of Economic Development, Environment, Conservation and Tourism (DEDECT) in terms of listed activities that are governed by the National Environmental Management Act (NEMA), 107 of 1998; and
- Department of Mineral Resources (DMR) in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002.

Should you wish to discuss any aspect of the proposed projects please feel free to contact me.

Kind regards



Suan Mulder (EAP)
Project Manager

*For SLR Consulting (Africa)
(Pty) Ltd*



Agricentre Building
Chr. Dr. James Moroka &
Stadium Road
Private Bag X2039,
Mmabatho. 2735

**DIRECTORATE: ENVIRONMENTAL
QUALITY & PROTECTION**

Tel: (018) 389 5959/ 5156
Fax: (018) 389 5006
Smukhola@nwpg.gov.za

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

File Reference Number:
NEAS Reference Number:
Date Received:

(For official use only)

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

The proposed expansion of the processing facilities at the Pilanesberg Platinum Mine on the farms Tuschenkomst 135 JP and Witkleifontein 136 JP, Moses Kotane Local Municipality in the North West Province.

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. 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.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.

8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

Queries must be addressed to the contact hereunder:

Departmental Details/Provincial Authority

Postal address:

Department of Agriculture, Conservation, Environment and Rural Development
 Attention: Director: Environmental Quality and Protection
 Private Bag X2039
 Mmabatho
 2735

Physical address:

Department of Agriculture, Conservation, Environment and Rural Development
 Agricentre Building
 Cnr. Dr. James Moroka & Stadium Road
 Mmabatho
 2735

Queries should be directed to the Directorate: Environmental Quality and Protection at:

Tel: 018-389 5959/5156
 Fax: 018-389 5006

Applications to be couriered for attention Mr. NS Mukhola Office E10

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

B	O	J	P	0	0	0	0	0	0	0	0	0	1	3	6	0	0	0	0	0
B	O	J	P	0	0	0	0	0	0	0	0	0	1	3	5	0	0	0	0	0

(if there are more than 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

PROJECT TITLE

The proposed expansion of the processing facilities at the Pilanesberg Platinum Mine on the farms Tuschenkomst 135 JP and Witkleifontein 136 JP, Moses Kotane Local Municipality in the North West Province.

1. BACKGROUND INFORMATION

Project applicant:	Pilanesberg Platinum Mines (Pty) Ltd		
Trading name (if any):	Not applicable		
Contact person:	Mr Dean Riley		
Physical address:	6 EcoFusion Office Park 324 Witch-Hazel Avenue Highveld Park		
Postal address:	Private Bag X59 Highveld		
Postal code:	0067	Cell:	082 802 2981
Telephone:	(012) 661-4280/2 (Head office) (014) 555 1800 (Mine offices)	Fax:	012 661 4139
E-mail:	driley@platmin.com		

Landowner:	Republic of South Africa (c/o the Department of Rural Development and Land Reform)		
Contact person:	Ms Jacqueline Nkosi		
Postal address:	PO Box 3995 Brits		
Postal code:	0250	Cell:	082 302 4419
Telephone:	012 252 3505	Fax:	012 252 4100
E-mail:	JKNkosi@ruraldevelopment.gov.za		

Details of landowner notification is included in Appendix A

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Local authority in whose jurisdiction the proposed activity will fall:	Moses Kotane Local Municipality		
Nearest town or districts:	Rustenburg (approximately 65km south of the proposed project)		
Contact person:	Bafedile Moselane		
Postal address:	Private Bag X 1011 Mogwase		
Postal code:	0314	Cell:	
Telephone:	014 555 1407	Fax:	086 508 1879
E-mail:	moselaneb@moseskotane.gov.za		
In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.			
Not applicable			

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice: Activity No (s) (in terms of the relevant notice) : Describe each listed activity as per project description¹:

GN No. R.544 of 18 June 2010	<p>13</p> <p>Construction of facilities or infrastructure for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 but not exceeding 500 cubic metres.</p>	<p>Hazardous substances will be stored on site for use in the hydrometallurgical process and will include Cl₂, O₂, HCl, H₂SO₄.</p> <p>At this stage the exact volumes which will be stored on site has not yet been confirmed. In this regard, GN R.545 Item 3 as well as GNR.546 Item 10 were included.</p>
GN No. R.544 of 18 June 2010	<p>28</p> <p>The expansion of or changes to existing facilities for any process or activity where such expansion or changes to will result in the need for a permit or license in terms of national or provincial legislation governing the release of emissions or pollution, excluding where the facility, process or activity is included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case that Act will apply.</p>	<p>Changes to the WULA will be required, especially around the TSF circuit if co-disposal of waste is to take place.</p>
GN No. R.545 of 18 June 2010	<p>3</p> <p>The construction of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of more than 500 cubic metres.</p>	<p>Hazardous substances will be stored on site for use in the hydrometallurgical process and will include Cl₂, O₂, HCl, H₂SO₄.</p> <p>At this stage the exact volumes which will be stored on site has not yet been confirmed. In this regard, GNR.544 Item 13 as well as GNR.546 Item 10 were included.</p>

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

GN No. R.545 of 18 June 2010	<p>5</p> <p>The construction of facilities or infrastructure for any process or activity which requires a permit or license in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent and which is not identified in Notice No. 544 of 2010 or included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the Act will apply.</p>	The release of air emissions will require an Air Emission Licence in terms of the National Environmental management Air Quality Act.
GN No. R.545 of 18 June 2010	<p>26</p> <p>Commencing an activity, which requires an atmospheric emission license in terms of section 21 of the National Environmental Management: Air Quality Act. 2004 (Act No. 39 of 2004), except where such commencement requires basic assessment in terms of Notice No. R. 544 of 2010.</p>	The release of air emissions will require an Air Emission Licence in terms of the National Environmental management Air Quality Act. This process requires an Air Quality Impact Study and the submission of an air emission application form
GN No. R.546 of 18 June 2010	<p>10</p> <p>The construction of facilities or infrastructure for the storage , or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres.</p> <p>(c) In North West:</p> <p>(i) outside urban areas, in (gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve;</p>	<p>Hazardous substances will be stored on site for use in the hydrometallurgical process and will include Cl₂, O₂, HCl, H₂SO₄.</p> <p>At this stage the exact volumes which will be stored on site has not yet been confirmed. In this regard, GNR.544 Item 13 as well as GNR.545 Item 3 were included.</p>

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

3. SOCIO-ECONOMIC BENEFITS

3.1 What is the expected capital value to be contributed for North West Province Growth Domestic Product?

The expected capital investment will be in the order of R2billion.

3.2 How many new employment opportunities will be created in the development phase?

Approximately 370 temporary employment opportunities will be created during the construction phase.

3.3 How many permanent employment opportunities will be created during operational phase?

Approximately 140 employment opportunities will be created during the operational phase.

4. OTHER AUTHORISATIONS REQUIRED

4.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

- | | |
|--|------------------------------|
| 4.1.1 National Environmental Management: Waste Act | <input type="checkbox"/> /No |
| 4.1.2 National Environmental Management: Air Quality Act | Yes <input type="checkbox"/> |
| 4.1.3 National Environmental Management: Protected Areas Act | <input type="checkbox"/> /No |
| 4.1.4 National Environmental Management: Biodiversity Act | <input type="checkbox"/> /No |
| 4.1.5 Mineral Petroleum Development Resources Act | Yes <input type="checkbox"/> |
| 4.1.6 National Water Act | Yes <input type="checkbox"/> |
| 4.1.7 National Heritage Resources Act | <input type="checkbox"/> /No |
| 4.1.8 Other (please specify) | <input type="checkbox"/> /No |
- 4.2 Have such applications been lodged already? No

5. ACTIVITY POSITIONS

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

The proposed project will be located within the existing footprint of the mineral processing facility at the PPM operations. The majority of the mineral processing facility is located on the farm Tuschenkomst 135 JP with a only a small portion of the facility extending across into the farm Witkleifontein 136 JP. The co-ordinates provided below are that of the centre of the existing mineral processing facility.

Alternative:

Latitude (S):

Longitude (E):

Alternative S1² (preferred or only site alternative)

25°	6'	20.10"	26°	59'	15.48"
o	'	"	o	'	"
o	'	"	o	'	"

Alternative S2 (if any)

Alternative S3 (if any)

In the case of linear activities:

Alternative:

Latitude (S):

Longitude (E):

² "Alternative S.." refer to site alternatives.

Alternative S1 (preferred or only route alternative)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

o	'	"	o	'	"
o	'	"	o	'	"
o	'	"	o	'	"

Alternative S2 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

o	'	"	o	'	"
o	'	"	o	'	"
o	'	"	o	'	"

Alternative S3 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

o	'	"	o	'	"
o	'	"	o	'	"
o	'	"	o	'	"

Site Location:

6. DECLARATIONS

6.1 The Applicant

I Dean Riley declare that I -

- am, or represent³, the applicant in this application;
- have appointed / ~~will appoint~~ (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner⁴;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- *will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;*
- *will perform all other obligations as expected from an applicant in terms of the Regulations;*
all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.



Signature of the applicant⁵ / Signature on behalf of the applicant:

Pilanesberg Platinum Mine (Pty) Ltd

Name of company (if applicable):

Date:

29/1/2014

³ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

⁴ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

⁵ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

APPENDIX A: LIST OF LAND OWNERS, PROOF OF NOTIFICATION OF LAND OWNERS

FARM NAME	PORTION NUMBER	TITLE DEED NUMBER	SURFACE OWNER AS PER TITLE DEEDS SEARCH
Tuschenkomst 135 JP	0	G594/1938BP	Republic of Bophuthatswana
Witkleifontein 136 JP	0	T9313/1937BP	Republic of South Africa
	1	T11640/1937BP	

PER E-MAIL: JKNkosi@ruraldevelopment.gov.za



SLR project no: 710.16002.00026

5 December 2013

DEPARTMENT OF RURAL DEVELOPMENT AND LAND REFORM
76 VAN VELDEN STREET
BRITS
ATTENTION: MS JACQUELINE NKOSI

LANDOWNER NOTIFICATION:

ENVIRONMENTAL ASSESSMENT PROCESS FOR PROPOSED EXPANSION OF THE PROCESSING FACILITIES AT THE PILANESBERG PLATINUM MINE ON THE FARMS TUSCHENKOMST 135 JP AND WITKLEIFONTEIN 136 JP, MOSES KOTANE LOCAL MUNICIPALITY IN THE NORTH WEST PROVINCE.

Dear Ms Nkosi

1. INTRODUCTION

Following our telephone conversation earlier today, this letter **serves as** formal notification for Environmental Impact Assessments (EIAs) which will be undertaken for the Pilansberg Platinum Mine (PPM) located in the Moses Kotane Local Municipality of the North West Province. Further detail on the proposed project is included below and the local setting is illustrated in Appendix A.

Project description

PPM holds a mining right and currently operates an existing opencast platinum mine and processing facility on the farms Tuschenkomst 135 JP and Witkleifontein 136 JP. PPM is proposing to expand its current processing facilities to incorporate the following within the boundary of the existing processing plant:

- a UG2 milling and flotation section with a production throughput of approximately 65 000 tonnes per annum;
- a hydrometallurgical plant for the further beneficiation of the PGM concentrate;
- a tailings re-treatment and
- a chrome recovery facility.

PPM is furthermore proposing a second tailings retreatment facility within the boundary of the exiting PPM tailings storage facility. This facility will be designed in such a way to allow for its disassembling and reconstruction at another site after a few years.

Farms and landownership

The farms that will be affected by the proposed pit expansion project, and the relevant landowner details, are included in Table 1 below.

Table 1: Farms that will be affected by the proposed plant expansion project

FARM NAME	PORTION NUMBER	TITLE NUMBER	DEED	SURFACE OWNER AS PER TITLE DEEDS SEARCH
Tuschenkomst 135 JP	0	G594/1938BP		Republic of South Africa
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	1	T11640/1937BP		

2. ENVIRONMENTAL PROCESS

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent consulting firm, has been appointed to undertake the environmental authorisation process for this project. In order for PPM to amend the existing EIA/EMP, an approval from the following authorities will have to be obtained:

- Department of Mineral Resources (DMR) in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002; and
- North West Department of Economic Development, Environment, Conservation and Tourism (DEDECT) in terms of listed activities that are governed by the National Environmental Management Act (NEMA), 107 of 1998.

As the landowner for a number of the properties that will be affected by the proposed developments, the Republic of South Africa (care of the Department of Rural Development and Land Reform) will receive all future information and documentation related to the proposed project.

Should you wish to discuss any aspect of the proposed projects please feel free to contact me.

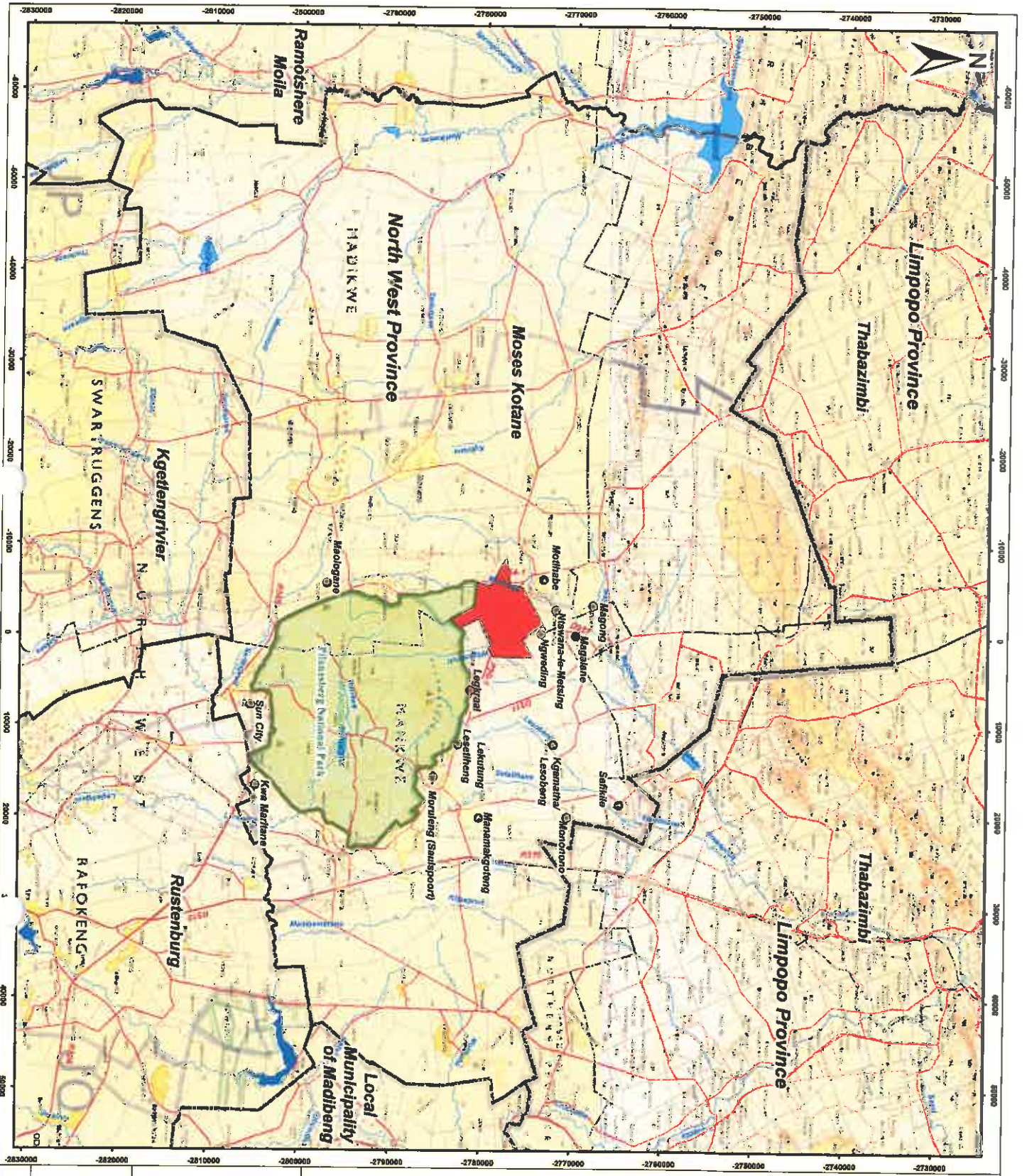
Kind regards



Suan Mulder (EAP)
Project Manager

For SLR Consulting (Africa) (Pty) Ltd

Appendix A: Figure showing the regional and local settings of the proposed development



- Legend**
- Roads
 - Villages
 - PPM Mining Right Area
 - Municipal Boundaries
 - Provincial Border

- Reserves**
- Existing
 - Pilanesberg National Park (Including Black Rhino Game Reserve)



Scale: 1:400 000 @ A3
 Projection: Transverse Mercator
 Datum: Fennoscandic, I.C.7

**PLANESBERG PLATINUM
 MINES (PTY) LTD**

Proposed Plant Expansion Project



SLR Consulting (Africa) (Pty) Ltd
 P O Box 1596, Cornerway, 2000, South Africa
 Tel: +27 (11) 467-2685 Fax: +27 (11) 467-2978



Your Search Criteria - Farm

Status COMPLETE
Reference
Portion 0
Farm Number 135
Farm Name TUSCHENKOMST
Registration Division JP
Registrar PRETORIA

Request Date 04/12/2013 @ 08:27
Response Date 04/12/2013 @ 08:28

Basic Information

Property Type Farm
Farm Name TUSCHENKOMST
Registration Division JP
Portion No 0
AK X Division
Property Size 1372.1300 H
Diagram Deed No G594/938
Clearance Institution RUSTENBURG LOCAL MUNICIPALITY

Farm Number 135
Previous Description
LPI Code T0JP0000000013500000
Province NORTH-WEST
Document No G594/938

Current Owners

MicroFilm Ref. Num.:
Name: REPUBLIC OF BOPHUTHATSWANA
Registration Date: 0117
Purchase Date: UNKNOWN
Price:

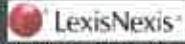
Person type: 3:GOVERNMENT
Recorded share:
ID No:
Title Deed Number: G594/1938BP

Other Documents

Document Number: K2/1980RMBP
Balance: Unknown
Document Number: K2497/1998RMBP
Balance: Unknown
Document Number: K2822/2008S
Balance: Unknown
Document Number: K2940/2003RM
Balance: Unknown
Document Number: K31/1941RMBP
Balance: Unknown
Document Number: K4712/1999RMBP
Balance: Unknown
Document Number: JP,135-BP
Balance: Unknown

Institution:
Microfilm Ref Num.:
Institution: GENCOR LTD
Microfilm Ref Num.: 1999 0902 1725
Institution:
Microfilm Ref Num.: 2008 0669 1424
Institution: SAMANCOR LTD
Microfilm Ref Num.: 2004 0795 4915
Institution:
Microfilm Ref Num.: 1998 0685 2429
Institution: B H P BILLITON SA LTD
Microfilm Ref Num.: 1999 0902 1740
Institution:
Microfilm Ref Num.: 2000 1154 4350

History



This service is administered and operated by LexisNexis Risk Management, a registered credit bureau (NCRCB10)



Your Search Criteria - Farm

Status	COMPLETE	Request Date	04/12/2013 @ 08:31
Reference		Response Date	04/12/2013 @ 08:32
Portion	0		
Farm Number	136		
Farm Name	WITKLEIFONTEIN		
Registration Division	JP		
Registrar	PRETORIA		

Basic Information

Property Type	Farm		
Farm Name	WITKLEIFONTEIN	Farm Number	136
Registration Division	JP		
Portion No	0 (REMAINING EXTENT)	Previous Description	
AK X Division		LPI Code	T0JP0000000013600000
Property Size	1370.9380 H	Province	NORTH-WEST
Diagram Deed No	DU1000/860	Document No	DU1000/860
Clearance Institution	RUSTENBURG LOCAL MUNICIPALITY		

Current Owners

MicroFilm Ref. Num.:		Person type:	3:GOVERNMENT
Name:	NATIONAL GOVERNMENT OF THE REPUBLIC OF SOUTH AFR	Recorded share:	
Registration Date:	19370515	ID No:	
Purchase Date:	UNKNOWN	Title Deed Number:	T9313/1937BP
Price:	SECT 239-200/93		
MicroFilm Ref. Num.:	2008 0710 2310	Person type:	3:GOVERNMENT
Name:	NATIONAL GOVERNMENT OF THE REPUBLIC OF SOUTH AFR-	Recorded share:	
Registration Date:	0425	ID No:	
Purchase Date:	UNKNOWN	Title Deed Number:	T41024/2008
Price:	TRANSFER BY ENDO		

Other Documents

Document Number:	I-12922/2012C	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	
Document Number:	K122/1997RM	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	
Document Number:	K2497/1998RMBP	Institution:	GENCOR LTD
Balance:	Unknown	Microfilm Ref Num.:	1999 0902 1725
Document Number:	K28/1989RMBP	Institution:	PRIGGE FRIEDRICH ULRICH GERHARD
Balance:	Unknown	Microfilm Ref Num.:	1989 0925 1859
Document Number:	K2822/2008S	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	2008 0669 1424
Document Number:	K2940/2003RM	Institution:	SAMANCOR LTD
Balance:	Unknown	Microfilm Ref Num.:	2004 0795 4915

DeedSearch

Document Number:	K3/1983RMBP	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	
Document Number:	K308/1937SBP	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	
Document Number:	K404/1937SBP	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	
Document Number:	K448/1953RMBP	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	1998 0685 2407
Document Number:	K4712/1999RMBP	Institution:	B H P BILLITON SA LTD
Balance:	Unknown	Microfilm Ref Num.:	1999 0902 1740
Document Number:	JP,136-BP	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	2000 1154 4354

History

TitleDeed Number:	T9313/1937BP	Bond Holder:	REPUBLIC OF BOPHUTHATSWANA
Amount:	Unknown	Microfilm Ref. Num.:	
TitleDeed Number:	T41024/2008	Bond Holder:	
Amount:	Unknown	Microfilm Ref. Num.:	2008 0710 2310



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Full Search Criteria - Form

Status	COMPLETE	Request Date	04/12/2013 @ 08:32
Reference		Response Date	04/12/2013 @ 08:32
Portion	1		
Farm Number	136		
Farm Name	WITKLEIFONTEIN		
Registration Division	JP		
Registrar	PRETORIA		

Basic Information

Property Type	Farm	Farm Number	136
Farm Name	WITKLEIFONTEIN		
Registration Division	JP	Previous Description	
Portion No	1	LPI Code	TOJP000000001360001
AI X Division		Province	NORTH-WEST
Property Size	1370.9409 H	Document No	T9551/923
Diagram Deed No	T9551/923		
Clearance Institution	RUSTENBURG LOCAL MUNICIPALITY		

Current Owners

Microfilm Ref. Num.:		Person type:	3:GOVERNMENT
Name:	NATIONAL GOVERNMENT OF THE REPUBLIC OF SOUTH AFR	Recorded share:	
Registration Date:	19370618	ID No:	
Purchase Date:	UNKNOWN	Title Deed Number:	T11640/1937BP
Price:	SECT 239-200/93		
Microfilm Ref. Num.:	2008 0710 2310	Person type:	3:GOVERNMENT
Name:	NATIONAL GOVERNMENT OF THE REPUBLIC OF SOUTH AFR	Recorded share:	
Registration Date:	0425	ID No:	
Purchase Date:	UNKNOWN	Title Deed Number:	T41024/2008
Price:	TRANSFER BY ENDO		

Other Documents

Document Number:	I-14049/1998C	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	
Document Number:	I-12922/2012C	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	
Document Number:	K2497/1998RMBP	Institution:	GENCOR LTD
Balance:	Unknown	Microfilm Ref Num.:	1999 0902 1725
Document Number:	K2498/1998RMBP	Institution:	GENCOR LTD
Balance:	Unknown	Microfilm Ref Num.:	2000 0197 1184
Document Number:	K2822/2008S	Institution:	
Balance:	Unknown	Microfilm Ref Num.:	2008 0659 1424
Document Number:	K3340/2003RM	Institution:	SAMANCOR LTD
Balance:	Unknown	Microfilm Ref Num.:	2003 1007 1640

DeedSearch

Document Number: K499/1937SBP
Balance: Unknown
Document Number: JP,136,1-BP
Balance: Unknown

Institution:
Microfilm Ref Num.:
Institution:
Microfilm Ref Num.: 2000 1154 4356

History

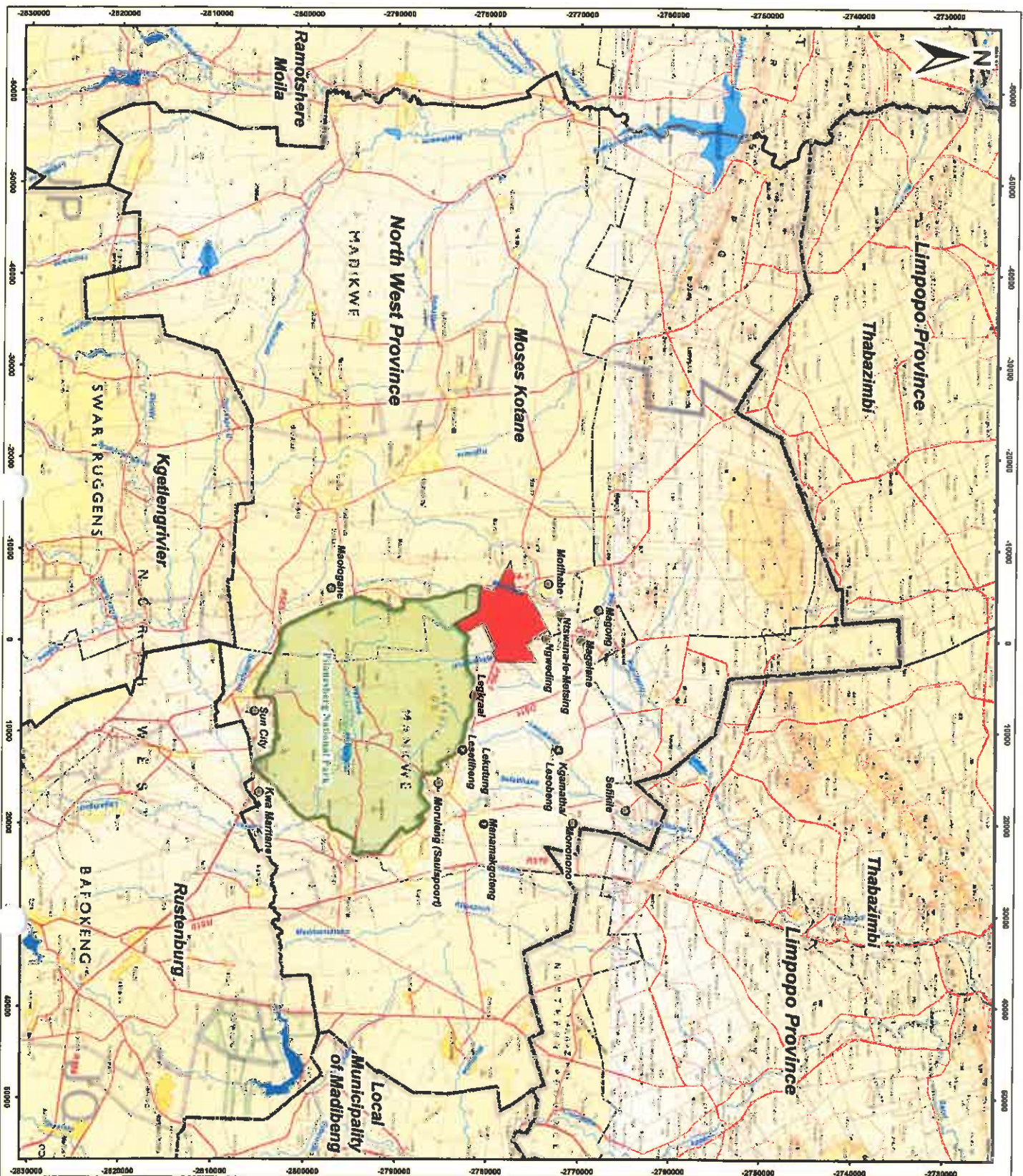
TitleDeed Number: K629/2000RM
Amount: Unknown
TitleDeed Number: T11640/1937BP
Amount: Unknown
TitleDeed Number: K3344/2003RM
Amount: Unknown
TitleDeed Number: T41024/2008
Amount: Unknown

Bond Holder:
Microfilm Ref. Num.: 2003 1007 1455
Bond Holder: REPUBLIC OF BOPHUTHATSWANA
Microfilm Ref. Num.:
Bond Holder:
Microfilm Ref. Num.: 2003 1007 1617
Bond Holder:
Microfilm Ref. Num.: 2008 0710 2310



This service is administered and operated by LexisNexis Risk Management, a registered credit bureau (NCRCB10)

APPENDIX B: LOCAL SETTING



- Legend**
- Roads
 - Villages
 - PPM Mining Right Area
 - Municipal Boundaries
 - Provincial Border
 - Reserves
 - Existing
 - Pilanesberg National Park (including Black Rhino Game Reserve)



Scale: 1:400 000 @ A3
 Projection: Transverse Mercator
 Datum: Hardeboosnek, 1987

**PILANESBERG PLATINUM
 MINES (PTY) LTD**

Proposed Plant Expansion Project

SLR
 SLR Consulting (Africa) (Pty) Ltd
 P O Box 1958, Cranenburgh, 2000, South Africa
 Tel: +27 (11) 487-0645 Fax: +27 (11) 487-0978

APPENDIX C: EAP DECLARATION



Agricentre Building
Cnr. Dr. James Moroka &
Stadium Road
Private Bag X2039,
Mmabatho. 2735

DIRECTORATE: ENVIRONMENTAL
QUALITY & PROTECTION

Tel: (018) 389 5959/ 5156
Fax: (018) 389 5006
Smukhola@nwpg.gov.za

DETAILS OF EAP AND DECLARATION OF INTEREST

Table with 2 columns: Labels (File Reference Number, NEAS Reference Number, Date Received) and a shaded header (For official use only) with three empty rows.

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

The proposed expansion of the processing facilities at the Pilanesberg Platinum Mine on the farms Tuschenkomst 135 JP and Witkleifontein 136 JP, Moses Kotane Local Municipality in the North West Province.

Table with 4 columns: Labels (Environmental Assessment Practitioner (EAP):1, Contact person, Postal address, Postal code, Telephone, E-mail, Professional affiliation(s) (if any)) and contact details for Suan Mulder - SLR Consulting (Africa) Pty Ltd.

Table with 4 columns: Labels (Project Consultant, Contact person, Postal address, Postal code, Telephone, E-mail) and contact details for SLR Consulting (Africa) Pty Ltd.


I, **Suan Susara Mulder**, 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 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 Environmental Impact Assessment Regulations, 2010;


Signature of the environmental assessment practitioner: Susan Susara Mulder

SLR Consulting (Africa) Pty Ltd
Name of company:

28/1/2014
Date:


Signature of the Commissioner of Oaths:

28/1/2014
Date:

Designation: **MAGDELINE MMABO NKOSI**
KOMMUNIS VAN EDE/
COMMISSIONER OF OATHS
OFFICE
Official stamp (below) **67 BRINK STREET / STRAAT 67**
RUSTENBURG R.S.A.

Suan Mulder
Environmental Assessment Practitioner



Curriculum Vitae

Qualifications

B Eng	1996	Chemical (specialising in Mineral Processing)
Auditor	2000	Certified ISO 14001 auditor

Key Areas of Expertise

Key areas of Suan's expertise are summarised below.

Project management	Project management and co-ordination including proposal writing, budget control, time management, internal coordination of project teams, management of specialist sub-consultants and report writing.
Application and process management for environmental authorisations and licenses	Application and process management for environmental authorisations and licenses in Southern Africa. This includes Environmental Impact Assessments, Environmental Management Programmes/Plans, Integrated Water Use Applications and registration of water uses.
Feasibility studies	High level environmental pre-feasibility and feasibility studies
Environmental assessments	Compliance assessments against mining companies' environmental commitments, including Equator Principles and IFC standards and guidelines.
Auditing	Environmental Management Programmes/Plans performance assessments, Water Use Licence compliance audits, internal Equator principle compliance audits.
Environmental management strategies and plans	Development and implementation of environmental management strategies and plans
Environmental management systems	Assist with the development and implementation of environmental management systems
Waste characterisation	Waste characterisation studies for the mining industry
Mining Charter (MPRDA)	Compilation of annual Mining Charter progress reports

Summary of Experience and Capability

Suan joined SLR as an Environmental Assessment Practitioner in 2011. Before joining SLR, Suan was employed by Impala Platinum as the Group Environmental Consultant responsible for the various South African and Zimbabwean operations. She was a member of the Implats Safety Health and Environmental Executive Committee. She joined the Implats group in 1996 and has over 18 years of experience in mineral and environmental legislation in South Africa and Zimbabwe.

Suan's areas of expertise include the development and implementation of environmental strategies and operational plans to address a range of environmental aspects. She has been

involved with the implementation of numerous ISO14001 environmental managements systems and is a qualified an ISO14001 auditor. During her time at Impala she was involved in a number environmental authorisation processes and was responsible for coordinating multidisciplinary EIA teams and for the review and quality control of the EIA and related reports.

Project Experience

Suan has been involved in the following projects:

Project	Date	Suan's role
Fourteen EIA/EMP projects for Impala Platinum and Marula Platinum. These relate to changes in the mine plan, infrastructure changes, new project developments and a consolidation project to integrate the various individual EIA/EMP reports	2000- 2011	Responsible for developing the scope of the EIA/EMPs, for coordinating the multi- disciplinary team and for reviewing the EIA/EMP and related reports.
Environmental capital and operational business plans	2000-2011	Development and implementation of long and short term environmental operational and capital business plans
Development of management strategies and plans at Impala Platinum for monitoring, waste, water, air, biodiversity, rehabilitation, energy	2005-2011	Responsible for synthesizing the EIA/EMP content and for producing management plans that are relevant to operations and practical from an implementation perspective
Multiple mining clients (confidential)	2011- 2013	Compliance assessments against Equator Principles and IFC guidelines. Development of actions plans to assist clients with compliance to the relevant requirements. Compilation of IFC compliant policies, management plans and procedures
Coal mine (confidential)	2011	Environmental feasibility assessment in preparation for a mining right application
Arandis Power (Namibia)	2012	Co-ordinating the Environmental Impact Assessment process for a waste oil to energy project.
Various manganese mining companies	2012	Assessment of environmental management practices Development and implementation of environmental management systems
Sedibelo Platinum Mine (South Africa)	2013	Project Manager for the environmental impact assessment process for changes to surface infrastructure, including the amendment to the integrated water use licence and a waste licence application.
Magazynskraal Platinum Mine	2013	Integrated waste and water use application process
Sedibelo Platinum Mine (South Africa) Musonoi Underground Mine	2013	Waste characterisation study in support of the development of a waste management strategy

Project	Date	Suan's role
(DRC)		
Kudumane Manganese Mine (South Africa)	2012-2013	Project Manager for the environmental impact assessment process for changes to surface infrastructure.
Bishop Mine (South Africa)	2013	Compilation of the annual Mining Charter progress report



the DEDECT

Department:
**Economic Development, Environment, Conservation and
 Tourism**
 North West Provincial Government

AgriCentre Building
 Chr. Dr. James Moroka &
 Stadium Road
 Private Bag X 15
 Mmabatho, 2735

CHIEF DIRECTORATE: ENVIRONMENTAL SERVICES
DIRECTORATE: ENVIRONMENTAL QUALITY
MANAGEMENT

Tel: (018) 389 5156
 Fax: (018) 389 5006
 oskosana@nwpg.gov.za
 Enq: Ouma Skosana

Attention: Mr. Dean Riley
Pilanesberg Platinum Mines (Pty) Ltd
 Private Bag X 59
HIGHVELD PARK
 0067

Reference: NWP/EIA/87/2013

Tel No.: (012) 661 4280/2/ (014) 555 1800
 Cell No.: 082 802 2981
 Fax No.: (012) 661 4139

Dear Sir

APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED EXPANSION OF THE PROCESSING FACILITIES AT THE PILANESBERG PLATINUM MINE ON THE FARMS TUSCHENKOMST 135 JP AND WITKLEIFONTEIN 136 JP, ACTIVITIES NUMBER 13, 28 IN GN. NO. R. 544, ACTIVITY 3, 5 & 26 IN GN. NO. R. 545 AND ACTIVITY NUMBER 10 IN GN. NO. R. 546 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998, (Act No 107 of 1998), MOSES KOTANE LOCAL MUNICIPALITY, NORTH WEST PROVINCE

We confirm having received the above mentioned Application Form for Environmental Authorisation on 29 January 2014 and the Application Forms has been **accepted**.

You are advised to contact National Department of Environmental Affairs Licensing Directorate to determine if license is required for storage of hazardous substances (activity number 13 of GNR 544 of Environmental Impact Assessment 2010). This Department will continue processing the application in terms of Environmental Impact Assessment Regulations.

Please note the application has been assigned to **Mr. Livhuwani Kutame**, Rustenburg Office, reachable at (014) 597 3597. This file reference number is **NWP/EIA/87/2013**. Kindly quote this **reference number** and the **name of the officer** it has been assigned to in any future correspondence in respect of the application including notification to be used for public participation.

You are requested to submit future correspondences pertaining to this application to the relevant officer or office where he is based to this address:



**80 Kerkstraat
Rustenburg
0299**

Please draw the applicant's attention to the fact that the activity may not commence prior to an Environmental Authorisation being granted by the Department.

If you need any clarification about this acknowledgement letter please contact **Mr. Steven Mukhola** at (018) 389 5959.

Yours Faithfully



Mr. Steven Mukhola
Environmental Officer Control Grade B: Development Impact Management
Department of Economic Development, Environment, Conservation and Tourism

Date: 13/02/2014

cc: Suan Mulder

Fax No: (011) 467 0978