

5.4 COPIES OF THE MINUTES, ATTENDANCE REGISTERS AND PRESENTATIONS AT THE AUTHORITY MEETINGS



WESIZWE PLATINUM LIMITED
PRE-APPLICATION MEETING WITH THE DEPARTMENT OF MINERAL RESOURCES
ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE,
LEDIG, NORTH WEST PROVINCE

DATE:	06 July 2015; 13:50
VENUE:	DMR offices, Klerksdorp
PROJECT:	Environmental Applications for Changes to Infrastructure at Bakubung Platinum Mine, Ledig, North West Province
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.23001.00007
PURPOSE:	The purpose of the meeting was to discuss the proposed changes to the Bakubung Platinum Mine and the proposed public participation and application processes.
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPENING

- Lorraine Nobela (NB) and Tshilidzi Phalala (TP) of the Department of Mineral Resources (DMR) welcomed SLR Consulting (Africa) (Pty) Ltd (SLR) and Wesizwe Platinum Limited (Wesizwe).
- Shelley Seton-Rogers (SSR) of SLR indicated that the purpose of the meeting was to discuss the background of the project and confirm that the DMR are satisfied with Wesizwe and SLR's proposed way forward.

2. DISCUSSION SUMMARY

- TP asked for background on the project.
- SSR explained that the Bakubung Mine has an Environmental Authorisation (EA) and now want to amend the EA and to add new listed activities.
- Cathy Theron (CT) of Wesizwe explained that National Environmental Management Act (NEMA) and Mineral and Petroleum Resources Development Act (MPRDA) processes were done in 2008. A Water Use Licence (WUL) was received in 2010. CT indicated that shaft sinking has been done and the project is now in the development phase but Wesizwe has not yet started mining.
- CT explained that the plan is to increase capacity to 265 kilotons, which in turn will impact on ore stockpiles, tailings and waste rock facility sizes.
- PT asked if an amendment is being proposed.
- CT indicated it is an amendment to some of the existing facilities and the proposal of new facilities and activities.
- SSR indicated that the site is near Sun City and showed the DMR a locality map.
- SSR explained that waste rock is planned to be used and thus this waste rock needs to be included in Wesizwe's mining right (MR).

- The preliminary background information document (BID) was discussed and the various changes included among others:
 - Implementing erosion control measures
 - Having more shaft ventilation
 - Having more generators
 - Water pipelines to housing
 - Sewage pipelines from housing
 - Pipeline crossings over watercourses
 - Relocating an underground ore crusher to aboveground
- The preliminary BID will be updated following the discussion; the final BID would be distributed to the public and authorities including the DMR with all the applicable information.
- LN indicated that these changes to the EA require a scoping and EIA process and will need to be approved under NEMA by the DMR. To change the MR it will be necessary to get an EA in terms of Section 25 of the MPRDA if the footprint is changing.
- CT explained that the capacity of the plant would be increasing but the footprint would remain the same.
- TP indicated the Mine Works Programme (MWP) will need to be updated. CT indicated that this was done in 2014.
- SSR indicated that the relocation of the crusher is not a listed activity.
- LN indicated that the impacts would be changing.
- CT indicated that there would be noise and air quality impacts but the crusher would be in an area that was already designated for the plant.
- SSR indicated that the Environmental Impact Assessment (EIA) would look at the impacts but did not know if there would be a listed activity associated with it.
- SSR discussed the various activities that may need to be applied for. SSR indicated that it would need to be seen if increases in the stockpile footprints would trigger an activity.
- SSR indicated that a Waste Management Licence (WML) would be needed for the tailings and waste rock stockpiles and the salvage yard.
- LN indicated that some activities triggered under the National Water Act is listed under NEMA and will need to be considered.
- CT explained that Wesizwe would also need to check if the dangerous goods are increasing from what was originally authorised.
- LN asked that the original EA be attached to the application to the DMR.
- TP asked what the additional material is that Wesizwe want included in the MR. CT indicated it is aggregate. TP said this must be specified in the application, the DMR would then need to confirm if the mining right for this mineral is available in that area.
- CT explained that it may be needed to expand the housing but it is still being decided where this would be done.

- TP indicated that the DMR is only the competent authority for activities within the MR area. Anything outside the boundary is to be submitted to the North West Rural, Environment and Agriculture Development (READ). CT indicated that the existing EA is from READ.
- CT explained that the pipeline would cross over an area that is not in the MR. However, this area will be registered as a servitude. TP confirmed that the whole pipeline then will need be authorised by the DMR and not READ.
- SSR indicated that as part of the application, SLR and Wesizwe would try to be as inclusive as possible for all the activities, so as not to leave any activities out.
- SSR indicated that a Section 102 application needs to be made. LN indicated that the Section 102 and NEMA applications are separate applications.
- TP indicated that the use of the waste rock would need to form part of the Section 102. The DMR may ask Wesizwe to update their MWP before the amended MR is issued.
- SSR explained that the Water Use Licence (WUL) would also need to be amended, however this cannot be submitted now as it runs concurrent with the EIA process. A notice of intent can be submitted to the Department of Water and Sanitation (DW&S). SSR asked if the DMR would find this sufficient for the NEMA application – as the DMR wants proof of submission of the WUL being included in the NEMA application. LN confirmed that this would be adequate and if further information is needed the DMR would notify SLR and Wesizwe as such.
- CT asked if the DMR is happy to receive the draft reports when they are submitted to the public for public review (as previously the DMR only wanted final reports).
- TP confirmed this would be fine and that 1 copy could be sent.
- SSR said that it would be made clear on the report that it was a draft.
- SSR explained that open days are being planned for this project and wanted to confirm if the DMR would be satisfied with this. There would be 2 open days, one in each community near the site. Open days will provide more time for people to attend. For authority meetings, it will be confirmed per authority if they prefer site visits or meetings at their offices.
- SSR indicated that the adverts, BID and summaries of the reports would be translated into Tswana. There will also be a Tswana translator present at the open day.
- LN confirmed this is acceptable and specified that all records would need to be kept – meeting minutes, registers, adverts, proof of distribution, etc.
- TP indicated that the process proposed is fine and that it needs to all be integrated in one public participation process – the WML, NEMA, WUL, Section 102.
- LN asked if more water will be required if there is an increase in plant capacity.
- CT answered that in the original application 8 mega liters were requested from Magalies Water. The plan is to recirculate water from the tailings storage facility and the sewage treatment plant instead of disposing water to the Elands River, therefore additional water should not be needed.
- LN asked if the mining is underground. CT confirmed that it is 800m underground.
- PT indicated that previously the WML application had to be submitted manually - PT will need to confirm with supervisors on the current process. PT indicated an answer would be provided the following day.

- LN asked who the landowner is. CT answered that the plant area is owned by the Bakubung Tribal Authority. The TSF area is owned by Wesizwe. LN indicated that Bakubung would need to be consulted separately as the landowner.

3. THE WAY FORWARD

- The DMR is to confirm the WML submission and payment process.
- The DMR is to confirm that that the minutes provided in this document are true and correct.
- These minutes will be included in the application submitted to the DMR.

4. CLOSE





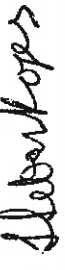
Meeting closed at 14:55.

APPENDIX 1: ATTENDANCE REGISTER

Name	Acronym	Affiliation	Contact Number	Email
Chiara Kotze	CK	SLR	0732777228	ckotze@slrconsulting.com
Shelley Seton-Rogers	SSR	SLR	0725339636	sholt@@slrconsulting.com
Cathy Theron	CT	Wesizwe	0828522976	cathytheron@telkomsa.net
Lorraine Nobela	LN	DMR	018 487 4300	Lorraine.Nobela@dmr.gov.za
Tshilidzi Phalala	TP	DMR	0184874300	Tshilidzi.Phalala@dmr.gov.za

CHANGES TO BAKUBUNG PLATINUM MINE

Attendance Register for Meeting with DMR – DMR offices, Klerksdorp 6 July 2015 at 13h30

Name and Surname	Affiliation	Email	Cell Number / Office number	Signature
Lorraine Morda	DMR	Lorraine.Morda@dmr.gov.za	018 487 4300	
Tshiselzi phabala	DMR	tshiselzi.phabala@dmr.gov.za	018 487 4300	
Catly Theran	wesizwc	Catly.theran@telkomsa.net	082 85 2978	
Chiara Kotze	SLR	chiara@slrconsulting.com	072 533 9636	
S. Sebastian-Rogers	SLR	sholt@slrconsulting.com	072 533 9636	



Wesizwe House, Devcon Park, 9 Autumn Road
Rivonia Ext 3, 2128, South Africa
Pvt Bag X16, Northlands 2116
Telephone +27 11 994 4600
Facsimile +27 11 994 4601

Department of Water Affairs: North West Region
Water Resource Management – Crocodile (West) Marico WMA
Private Bag X357
Hartebeespoort
0216

02 June 2015

Attention: Ms Sebenzile Ntshangase

REF: Licence Number: 26064730

Dear Madam

WESIZWE PLATINUM: BAKUBUNG PLATINUM MINE - DWS PRE-APPLICATION MEETING NOTES

Following our meeting held at Wesizwe Platinum's Regional Office, and the follow up site visit on 12 May 2015, please find below summary notes and an action item list at the end.

- DWS would prefer **one** integrated application (to include housing on the mine site as well).
- All previously approved activities must be included in the application.
 - No forms will be required for the existing activities – but the activities must be covered in the IWWMP.
 - The licence approved to cover existing and new activities.
 - S49 – Amendment to Water Use Licence.
- **Pollution Control Dam at the plant**
 - Earthworks for the crusher plant and plant construction may commence, but the Pollution Control Dam construction and stockpiling of ore can only take place once the amendment to the Water Use License have been approved.
- **Return Water Dam and Storm Water Dam at Tailings Storage Facility**
 - Both are to be lined.
 - Regulations GNR 634; 635; 636 apply to Return Water Dam as well.
 - Geochemical analysis of water generated in operations.
 - From pilot plant – slurry – analyse the filter (tailings) and the water.

- **Tailings Storage Facility**
 - Level of detail required for detailed designs is mentioned in Regulations GNR 634 – 636.
 - Sebenzile Ntshangase (SN) will also check with DWS what else is required.
 - EMP must include plans to minimise pollution.
 - Comprehensive report with the plans including the EMP and design criteria.
 - Solution trench must be lined.

- **Pre-approval meeting with DWS civil engineers**
 - DWS civil engineer can identify the gaps and way forward.
 - Knight Piesold can present on existing information.

- **Tailings pipeline**
 - List all the alternatives to the proposed route in the EMP.
 - All 21 c & i applications have separate forms, additional questionnaires, specialist studies - wetland, aquatic studies and method statements.
 - All 21 c & i – Require two sets of co-ordinates: start and end.
 - Construction method – there are no specific guidelines, but the impact must be minimised.
 - EMP must mention the emergency issues.
 - Two specialists involved from DWS's side - wetland specialist and civil engineers.

- **Waste Water Treatment Works**
 - DWS doesn't licence the whole plants as a Water use.
 - The sludge necessitates a Water Use (21g) and discharge to a water resource is a 21f.
 - If going to recycle the water, then there no 21f.
 - 21g – is for the sludge only.
 - The sludge will need to be classified as per Regulations GNR 634, 635 and 636 as well.
 - If the system does not produce sludge, there may not be a requirement to complete the WUL forms, this system must still be detailed in the IWWMP and details of circulation back to the plant and shaft provided.
 - Fill in a 21g form, in case.

- **4x3 MGL water reservoirs includes housing and concentrator reservoirs**
 - Water Act – 21b is storage of water in a watercourse.
 - The reservoir is not a water resource.
 - Fed by Magalies Water.
 - No licence required for the reservoirs.

- **Housing (Road to Phase 2 and any other stream crossings)**
 - The road, water pipeline and sewer line will all be separate activities.
 - Will each have to have separate forms.
 - Any other stream crossings will require 21 c & i forms, must follow guidelines.

- **Erosion nick points**
 - Impact prevention measure.
 - Putting gabions to prevent erosion, are considered mitigation measures.
 - Does it need a 21 c & i application?

- **Existing reservoir pipeline across donga**
 - SN to check with DWS wetland specialist if an application must be made, considering the pipe has already been installed.
 - Application must form part of the integrated application.
 - Maybe another 21 c & i.

- **Ore stockpiles -21g**
 - Waste classification? SN to check.
 - Potential to contaminate groundwater.

- **Dust suppression - 21g**
 - Dust suppression to be included in the Water balance.
 - Waste classification? SN to check.

- **Removal of water found underground - 21j**
 - This must also be a 21a.
 - Both 21a & j - update this for integrated Water Use Licence.

Number	Action item	Responsible Person
1.	From pilot plant analyse the filter (tailings) and the water	Knight Piesold
2.	Tailings Storage Facility - To check what other detail is required over and above GNR 634; 635; 636	Sebenzile Ntshangase
3.	Tailings Storage Facility - Plans A2 – signed off by a professional engineer	Knight Piesold
4.	Set up pre-approval meeting with DWS civil engineers	Sebenzile Ntshangase
5.	Tailings pipeline crossing watercourse – provide DWS External guideline for 21 c and i applications.	Sebenzile Ntshangase
6.	Tailings pipeline crossing watercourse – DWS to provide guideline for design and construction	Sebenzile Ntshangase
7.	Gabions into erosion nick points – does activity required a 21c and i application	Sebenzile Ntshangase
8.	Existing reservoir pipeline across donga – check if 21 c and i application must be included, the pipeline has already been installed through the donga.	Sebenzile Ntshangase
9.	Is a waste classification required for the ore stockpiles as a 21g?	Sebenzile Ntshangase
10.	Must the water used for dust suppression also be tested according to GNR 634; 635; 636?	Sebenzile Ntshangase
11.	Watercourse in the vicinity of the 2 x 3MGL tanks - Extend soil study into this area.	Cathy Theron

We would appreciate your feedback on the above action items. We look forward to your reply.

Yours sincerely



Cathy Theron
Environmental Manager

BAKUBUNG Minerals (Proprietary) Limited, Registration Number: 2002/017306/07

A wholly owned subsidiary of Wesizwe Platinum Limited

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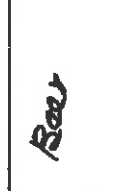

WPL

Bakubung Minerals Meeting with the Department of Water and Sanitation

Date: 12 May 2015

Time: 10:00

Venue: Bakubung Platinum Mine – Regional Office

Name and Surname	Organisation and Email and Phone Number	Designation	Signature
NTSHANGASE SEBETZILE	DEPT OF WATER & SANITATION	ENVIRONMENTAL SPECIALIST	
Phillip Tjale	Dept Water & Sanitation	Environmental Officer	
LUNGULO NYANDENI	WESIZWE PLATINUM lungulo.nyandeni@wesizwe.com	PLANT MANAGER	
Eddy de Beer	WESIZWE PLATINUM	INFRASTRUCTURE	
Cathy Therar	wesizwe	Environmental Manager	



BAKUBUNG PLATINUM MINE (PTY) LTD

**MINUTES OF THE SCOPING REGULATORY AUTHORITIES MEETING HELD FOR CHANGES TO
INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE**

DATE	13 February 2015 10:40,
VENUE:	Wesizwe Community Centre on the R556, Ledig, North West Province
PROJECT:	Environmental Application For Changes To Infrastructure At Bakubung Platinum Mine (Wesizwe Project)
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.23001.00007
PURPOSE:	The purpose of the meeting was to: <ul style="list-style-type: none"> • Provide an overview of the proposed project . • Provide information on the legal process. • Provide authorities the opportunity to visit the proposed project site. • Provide authorities with an opportunity to comment or raise concerns. • Consultation with authorities and potentially interested and affected parties is required by environmental legislation.
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPEN AND INTRODUCTION

Chiara Kotze (CK) opened the meeting and introduced SLR Consulting (Africa) (Pty) Ltd (SLR), the independent environmental assessment practitioners responsible for the project. CK then introduced Wesizwe Platinum Limited (the applicant), represented by Cathy Theron and Gemini GIS and Environmental Services (GGES) responsible for the Water Use Licence Application represented by Tankiso Phidza. CK then gave an opportunity for all the attendees to introduce themselves

2. PRESENTATIONS

CK gave a presentation outlining the project description and the environmental legal process to be followed. A copy of the presentation is attached in Appendix 2. The meeting was followed by a site visit.

3. DISCUSSION

All the issues that were raised in the meeting and the responses that were given have been recorded in the table below.

TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

ISSUE RAISED	NAME	RESPONSE GIVEN
Procedural issues		
Please distribute the background information documents to the various schools and community centres. Please put posters at the Itumeleng and Tsaedi High school and ensure that you publish your adverts in the Ledig Sun.	Chonko Monnkgotta	This comment will be considered
I would like to know whether the housing will be for the communities or mine workers.	Jafta Masilo	The housing is intended for the mine workers and will be on the mine property
Project related issues		
How many houses are going to be built?	Nokwaka Mmemezi	910 houses will be built

4. THE WAY FORWARD

CK outlined the way forward as follows:

- Specialists will complete their studies.
- The scoping report will be compiled in English and a summary will be compiled in English and Setswana and will be distributed to IAPs via post, fax and/or e-mail.
- The draft WUL Amendment Report (or summary), draft Environmental Impact Assessment Report and Environmental Management Programme Report (EMPr) will be submitted for authority & public review
- The final EIA,EMPr and WULA reports will be submitted to the authorities and the public to review as well as the relevant competent authorities for decision.
- Regulatory authorities and IAPs will have 30 days to submit comments on each report.

5. CLOSE

CK thanked everyone for being present and closed the meeting

APPENDIX 1: ATTENDANCE REGISTER

Name and Surname	Interest in project	Postal address	Contact numbers	E-mail
Chiara Kotze	SLR Consulting		0732777228	ckotze@slrconsulting.com
Cathy Theron	Wesizwe	P.O. Box 1112, Ferndale 2160	0114635125	cathytheron@telkomsa.net
Edgar Brocks	Worley Parsons	P.O. Box 6388 Greenhills Randfontein 1759	0825529280	Edgar.brocks@warleyparsons.com
A Labushayne	Worley Parsons	P.O. Box 6388 Greenhills Randfontein 1759	0794986917	albielab@warleyparsons.com
Chonko Monnkgotta	Moses Kotane Municipality		0780190694 0728037520	cmonnkgotta@gmail.com
Bishop Mothibedi	Moses Kotane Municipality		0722900075	
Lungelo Ntandeni	Wesizwe		0824958289	Lungelo.nyandeni@wesizwe.com
Mabsy Pitsoe	Rustenburg Local Municipality	P.O. Box 336 Phokeng 0335	0716753452	dpitsoe@rustenburg.gov.za

Nokwaka Mmemezi	Rustenburg Local Municipality	P. O Box 336 Phokeng 0335	0827041960	mmemezi@rustenburg.gov.za
Andiswa Silinga	GGES	P. O Box 383 Stevensvalley	0844097090	andiswa@gges.co.za
Tankiso Phidza	GGES		0733215159	tankisop@gges.co.za
Maseknatsi Rantsieng	SLR Consulting		0837642596	mantsieng@slrconsulting.com

APPENDIX 2: PRESENTATION

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE



Attendance Register for Authorities Meeting – Wesizwe Information Centre (Community Centre), Ledig

13 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Chiara Kotze	SLR	ckotze@slrconsulting.com	0732977 228 (011) 657-51 25	P.O. Box 112 Ferndale, 2160	
Cathy Theron	Wesizwe	cathy.theron@telkomsa.net	062 552 9240	P.O. Box 6388 Glenhills Rondeletia (1759)	
Edgar Broer	W.P.	edgar.broer@waterpass.com			
A. Labuschagne	W.P.	alab@labuschagnes.com	071998897	"	
EMONKO			078 019 0694 072 803 7520	P.O. SARATHLED LEDIGA 0338	
MONNAKHOTJA	MKUM	monnakhotja@gmail.com	0712900075		
BISHOP			0631431440		
MOTHIBENI	MKLM	B. MOTHI BENI			
LUNGULO	Wesizwe	lungulo.nyandeni@wesizwe.com	082 495 8289	176 Goby Street, Eureka View Waterfall East, Ruitensburg	
NYANDENI	PLATINUM				
DPPS	PLM	DPPS@plm.co.za	0716753453	Box 336 Proteiny 0335	
NOKURUKA MMEMEZI	PLM	mmemezi@rustenburg.gov.za	082 749760	"	
ANDISUM	GAES	andisum@ges.co.za	084 408 7070	P.O. Box 383 Stuikensumney	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Authorities Meeting – Wesizwe Information Centre (Community Centre), Ledig 13 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Tantiso Pudea	GEES	tantiso@gees.co.za	011 020 6700 073 321 5154	P.O. Box 383 Muthensvalley 1735	
Mosekoti Rantseng	SLR	mrantseng@slr.co.za	085 764 2594		



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WESIZWE PLATINUM LIMITED

**ENVIRONMENTAL APPLICATIONS FOR CHANGES TO
INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE,
LEDIG, NORTH WEST PROVINCE**

Wesizwe Information Centre (Community Centre), Ledig

13 August 2015



AGENDA

- Welcome and introductions
- Project overview
 - Project description
 - Enviro-legal process
 - Public and Authorities Consultation Process
 - Specialist studies
- Way Forward
- Questions
- Site Visit (if required)

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INTRODUCTIONS

- SLR Consulting (Africa) (Pty) Ltd (SLR) is an independent environmental consultancy company which undertakes environmental impact assessment (EIA) processes.
- SLR environmental team for the proposed project:
 - Shelley Seton-Rogers – Project Manager
 - Chiara Kotze – Assistant Project Manager
 - Mase Rantsieng – Project Assistant
 - Alex Pheiffer – Project Reviewer
- Tankiso Phidza - Gemini GIS and Environmental Services (GGES) compiling the Water Use Licence Application.
- Cathy Theron – Wesizwe's Environmental Manager

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PURPOSE OF MEETING

- Provide an overview of the proposed project .
- Provide information on the legal process.
- Provide authorities the opportunity to visit the proposed project site.
- Provide authorities with an opportunity to comment or raise concerns.
- Consultation with authorities and potentially interested and affected parties is required by environmental legislation.

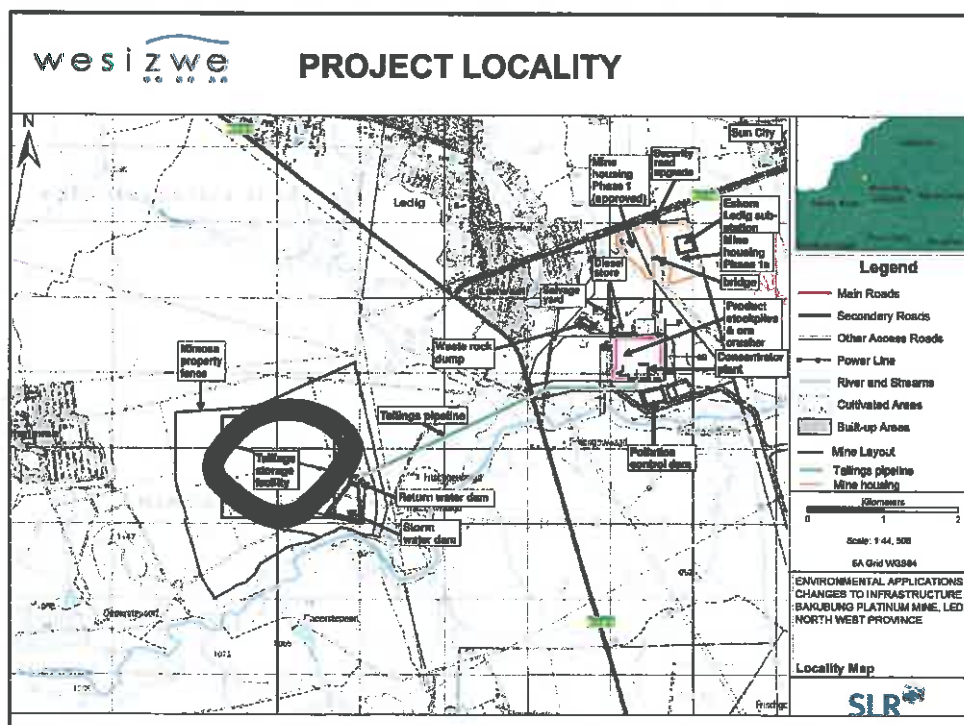
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wesizwe PROJECT INTRODUCTION

- Wesizwe Platinum Limited is the owner of Bakubung Platinum Mine, currently shaft sinking on the farm Frischgewaagd 96JQ.
- The mine is located near Ledig, just south of the Pilanesberg Game Reserve and Sun City in the North West Province.
- The Bakubung Platinum Mine received Environmental Authorisation in 2009, in terms of both the National Environmental Management Act (NEMA, No. 107 of 1998) and Mineral and Petroleum Resources Development Act (MPRDA, No. 28 of 2002). The mine's Water Use Licence was issued in 2010.
- Wesizwe would now like to make several **changes** to the approved mine which require additional Environmental Authorisations, a Waste Management Licence & changes to the Water Use Licence.

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PROJECT DESCRIPTION

The proposed project will involve the following changes to the approved Bakubung Platinum Mine (note that this is a preliminary list):

- The construction of a larger tailings dam on the farm Mimosa 81JQ. The area will increase from 142 ha to approx. 166 ha. The height will be approx. 44m;
- A tailings pipeline between the mine and the tailings dam;
- An increase in the capacity of the concentrator plant from 230 000 tons per month to approx. 265 000 tons per month;
- Increased capacity of the mine product stockpiles;
- Relocation of the ore crusher from underground to the surface;
- Inclusion of the minerals in the waste rock into the mining licence, as the waste rock may potentially be crushed and sold as aggregate;
- Construction of erosion control measures along watercourses within the mine;

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PROJECT DESCRIPTION CONT.

- Storage and handling of dangerous goods such as diesel and reagents on site;
- Various pipeline and road crossings over watercourses, including a bridge crossing;
- New sewage and water pipelines;
- New internal mine roads;
- Ventilation shafts and raise boreholes;
- Generators or possibly a solar power plant on site, for back up ventilation, and
- The construction of phase 1a of the mine housing

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PROJECT DESCRIPTION CONT.

The following **water uses** will take place, which will require an amendment to the Bakubung Platinum Mine's Water Use Licence:

- *Storing of water (not containing waste) – storing water in water reservoirs, settling dams;*
- *Impeding or diverting the flow of water in a water course, and altering the bed banks, course, or characteristics of a watercourse – various watercourse crossings including a bridge, and erosion control measures;*
- *Disposing of waste in a manner which may impact on a water resource – tailings dam, return water dams, storm water dams, pollution control dams, settling dams, waste rock dumps, sewage treatment plant, ore stockpiles, dust suppression with water;*
- *Removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity, or for the safety of people – dewatering the mine shafts.*

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PROJECT DESCRIPTION CONT.

The following **waste activities** will take place, which will require a Waste Management Licence:

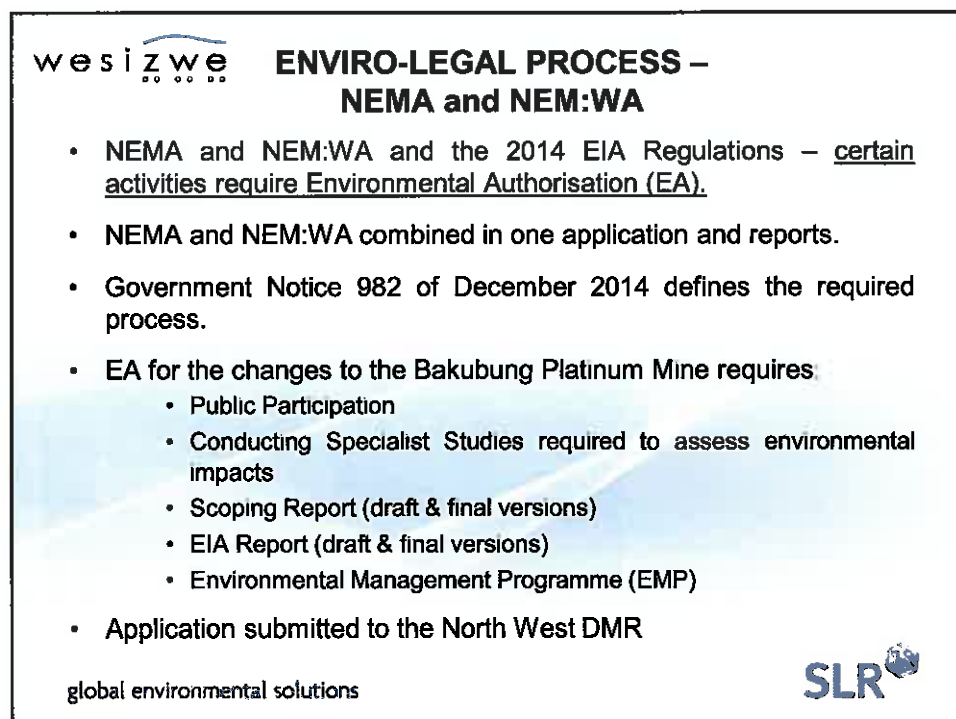
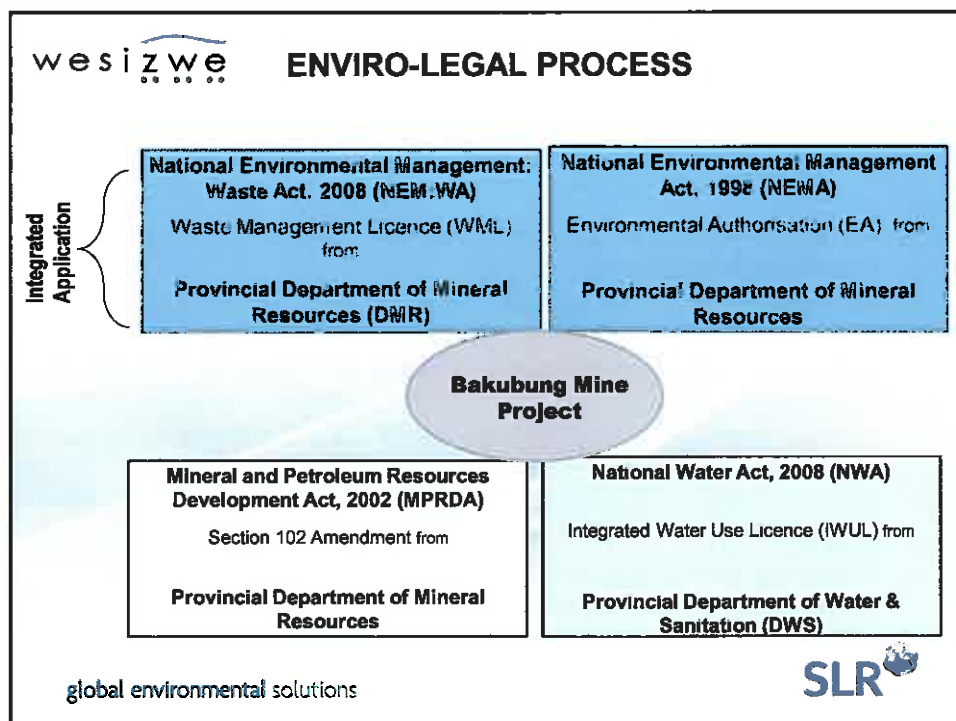
- The tailings dam;
- Waste rock dumps;
- The salvage yard - (temporary storage of general and hazardous waste).



Photo of the current (approved) Bakubung Platinum Mine.


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wesizwe **ENVIRO-LEGAL PROCESS –
MPRDA**


- MPRDA – Section 102 Amendment to the Mining Right and the Environmental Management Programme
- Section 102 Amendment does not specify the process required but generally requires a scoping and EIA process.
- Scoping and EIA process for Section 102 for the changes to the Bakubung Mine requires:
 - Public Participation
 - Conducting Specialist Studies required to assess environmental impacts
 - Scoping Report (draft & final versions)
 - EIA Report (draft & final versions)
 - Environmental Management Programme (EMP)
- Application submitted to the North West DMR

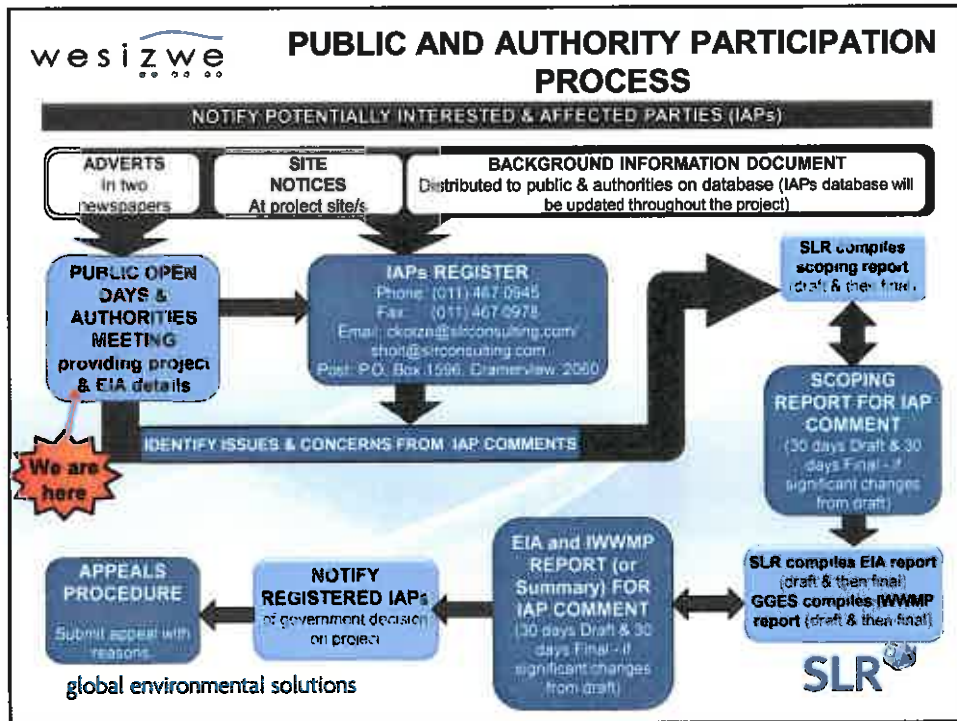
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wesizwe **ENVIRO-LEGAL PROCESS –
NWA**

- National Water Act, 1998, Section 21 lists activities which require a Water Use License. Changes to the Bakubung Platinum Mine requires a Water Use Licence (WUL) Amendment.
- An amendment is required as the Bakubung Platinum Mine has an existing WUL.
- WUL Amendment requires :
 - Public Participation,
 - Complete WUL application forms*,
 - Complete an Integrated Water and Waste Management Plan report*
- Submitted to the North West Department of Water and Sanitation for decision.

*This work will be conducted by Gemini GIS and Environmental Services (GGES)

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wesizwe **SPECIALIST STUDIES**

What are the key environmental sensitivities?

Specialist studies will be undertaken by specialist scientists, in the fields below, in support of the EIA (for NEMA and NEMWA), EMPR Amendment and WULA Amendment:

- Air Quality – Air Quality Impact Study
- Noise – Noise Impact Study
- Ecology & Wetlands – Ecology and Wetland Impact Study
- Groundwater – Groundwater Impact Study
- Heritage – Heritage Impact Study
- Soil – Soil Impact Study
- Surface Water – Surface Water Impact Study
- Social – Social Impact Study

Decorated pottery shards found on site.


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wesizwe **WAY FORWARD**

- Receive comments from Authorities and IAPs


Please complete and hand in the comment sheet if you have any questions or environmental concerns

- Specialist scientists will complete their studies
- Submit Scoping Reports for authority & public review
- Submit Draft WUL Amendment Report (or summary) for authority & public review
- Submit Draft EIA and EMPR reports for authority & public review
- Final EIA, EMPR and WULA reports will also be submitted to the authorities & public to review, and relevant competent authorities for decision.

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wesizwe **QUESTIONS**

?

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WESIZWE PLATINUM LIMITED
MEETING WITH THE KGOSIGADI OF THE BAKUBUNG BA RATHEO
ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE,
LEDIG, NORTH WEST PROVINCE

DATE:	4 August 2015; 11h00
VENUE:	Wesizwe regional office, Boshhoek
PROJECT:	Environmental Applications for Changes to Infrastructure at Bakubung Platinum Mine, Ledig, North West Province
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.23001.00007
PURPOSE:	The purpose of the meeting was to discuss the proposed changes to the Bakubung Platinum Mine and the proposed public participation and application processes.
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPENING

- Hamlet Morule (HM) and Cathy Theron (CT) of Wesizwe Platinum Limited (Wesizwe) welcomed the Kgosigadi to the meeting and thanked her for attending. CT apologised for not informing the Kgosigadi of the project sooner.
- Shelley Seton-Rogers (SRR) of SLR indicated that the purpose of the meeting was to discuss the background of the project and present the two forms which Wesizwe would like the Kgosigadi to sign as the representative of the Bakubung Ba Ratheo who are the landowners of the mine property.

2. DISCUSSION SUMMARY

- SSR and CT explained the project location, project description, and environmental authorisation processes, including the public participation process (PPP).
- The Kgosigadi stated that there are many Zulu speaking people in the community and that the PPP should also be done in Zulu from now on.
- SSR said that this would be done and requested to use the Bakubung Tribal Hall in Ledig for the public open day.
- The Kgosigadi said this would be possible as it was just an open day and not a public meeting. The Kgosigadi said she would arrange the hall booking and announce the meeting to the community elders. She also requested that several A3 posters be put up around the community to inform them of the meeting.
- SSR said that this would be done.
- The Kgosigadi said that community buy-in must be obtained for the project.

- SSR presented the two forms (one for the NEMA application and one for the Water Use Licence application) to be signed by the Kgosigadi as the representative of the Bakubung Ba Ratheo who are the landowners of the mine property.
- The Kgosigadi asked for the forms to also be emailed to her. She said she would look at them and ask her lawyer to look at them, and then sign them.
- HM, CT and SSR thanked the Kgosigadi for the meeting.

3. CLOSE

Meeting closed at 11h30.

APPENDIX 1: ATTENDANCE REGISTER

Name	Acronym	Affiliation	Contact Number	Email
Shelley Seton-Rogers	SSR	SLR	0725339636	sholt@@slrconsulting.com
Cathy Theron	CT	Wesizwe	0828522976	cathytheron@telkomsa.net
Hamlet Morule	HM	Wesizwe	082 561 8337	hamlet.morule@wesizwe.com
Kgosigadi Margaret Monnakgotla	Kgosigadi	Bakubung Ba-Ratheo	076 215 8787	monnakgotla.m@gmail.com
Branguawe Meshack Monnakgotla	BMM	Bakubung Ba-Ratheo	071 876 5110	



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Environmental Applications for Changes to Infrastructure at Bakubung Platinum Mine, Ledig, North West Province

BAKUBUNG ROYAL FAMILY MEETING

Date: 4 August 2015

Time : 11h00 – 13h00

Venue: Wesizwe Regional Office on the R565, near Boshhoek.

AGENDA






- 1. INTRODUCTION AND PURPOSE OF THE MEETING (Hamlet Morule - Wesizwe)**
- 2. BRIEF PROJECT DESCRIPTION (SLR and Wesizwe)**
- 3. ENVIRONMENTAL AUTHORISATION PROCESSES (SLR)**
 - 3.1 Applicable Environmental Legislation + Forms**
 - 3.2 Environmental Processes**
 - 3.3 Public and Authorities Consultation Process**
 - 3.4 Specialist Studies**
- 4. QUESTIONS AND DISCUSSION (Hamlet Morule - Wesizwe)**
- 5. WAY FORWARD AND CONCLUSION (Hamlet Morule - Wesizwe)**

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Meeting with Bakubung Royal Family – Wesizwe regional offices, Boshhoek,

Rustenburg

4 August 2015 at 11h00

Name and Surname	Affiliation	Email	Cell Number / Office number	Signature
KLIGSIBADI	BAKUBUNG BA- LATHED		076 215 8787	
MARGARET MONNAPKOTLA	BBR	monnapkotle@gmail.com	082211	
RAANSWANE	BAKUBUNG BA- LATHED		7	
MESHACK MONNAPKOTLA	BBR		071 89 6510	
Cathy Theron	wesizwe platinum	cathytheron@telkomsa.net	0838522976	
Hamlet Merule	11	Hamlet@wesizwe.com	0835618337	
Stelley Suban-Kogez	SLR	sholt@slrconsulting.com	0725339636	





5.5 COPIES OF THE POSTERS AND ATTENDANCE REGISTERS OF THE PUBLIC OPEN DAYS

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima


11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Paul Seoke			0835176651		
Majanko dibe	Phatsima	dibe daniel82@gmail.com	083 508 44 34	PO 93 Phatsima 0351	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
MODISE SEOKE		mseo@sigmail.com	0818412765		

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
REFILWE RAMOSITHO	SASSA	Refilwe@e.sassa.gov.za	076 9733 8519	P.O. Box 1444 Phoceng	[Signature]
MANTHABO MORWE SASSA	SASSA	Mantab@e.sassa.gov.za	072 259 1871	P.O. Box 6212 RRB	[Signature]
NOU MARY MUKHUBO	PHATSIMA	noli@sassa.gov.za	071882603	P.O. Box 21 Phatsima	[Signature]
MIA R EHA NAIKEDI	NAIKEDI				
ELIZABETH ELIZABETHI SECOMBE			078 7689740	P.O. Box 23 Phatsima	[Signature]
AMINAH TSHOSE	PHATSIMA		0721784161	P.O. Box 6028 Phatsima	[Signature]
Lorraine Selemela	PHATSIMA		0733476738	P.O. Box 1528 Phatsima	L.B. Selemela
Basebi Ntswe	Phatsima		073505544	P.O. Box 503 Phatsima	[Signature]
ANANWA XABANISI	Phatsima	Mel@xabaniisa@gmail.com	0769879828	P.O. Box 151 Phatsima	Xabaniisa
SAMUEL SEUWE	Phatsima	—	0721150826	P.O. Box 967 Phatsima	[Signature]



ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

11 August 2015

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
BALISEN S SETSOME			0725495057		B.M. SETSOME
Lerato Gouwe.			0138019492	322 Spara Mkhondo	Gouwe.
MARIA SUMAIKO			0836218526	Mkhondo	Mkhondo
JANICA RACHUDU			0798624864	1803 Extension 2	O.RACHUDU
WOLF S.M			0778577556	1821 SUNCILY 0316	
Margeline Lantsopera			0765239263	265 SPARAMKHONDO SEC	M.L.
Joseph Polelo			0733808643		
Veronica Modube			0783838246	1355 CHRISTHONEY SEC	V.V. Modube
Petrus Kondile			0780357055	Box 659 Phatima location	
Timbave Esee			0718460919	Box 417 Phatsima	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Maria Mokupe			0835446672	Box 417 Phatsima	
HENDRICK KEPY			0633511901	Box 7 PHATSIMA	
JAN TOKWANA			0791412112		
S. Mankwani			07180410-		
Phisoana Meelem			0717450301		
Aron Meelem			0735918036		
Taleng Moss			073657464	Box 565 Phatsima	E.T. MOSS
Peulire Nonyokwelo			0780083758	Box 585 Phatsima	
KATLEGO MADIKOLEGA			0839773857		L.M
Selisoa Thubese			0783870311		

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Sylvia Kondele			0780112383	1808 Phase 2.	<i>[Signature]</i>
EUNICE CHADINYANA			0790904112	9466 SUN-CITY	<i>[Signature]</i>
Rebecca Chake			073437929	box 444 Phatsima	<i>[Signature]</i>
SETSHISO MOREBATSIS			0734719112	P.O.Box 600 PHATSIMA	T-Sofa
MARIEKE MOREBATSIS			0856969967	PO Box 620 PHATSIMA	<i>[Signature]</i>
Mahabeng Makhale			0789100560	S82 Phatsima	<i>[Signature]</i>
SINHA MOPHUTINGA			0718022121	1467 PHATSIMA	<i>[Signature]</i>
Ripoldo Molapisi					
XENCENI VUSO			0784178601	269 PHATSIMA	<i>[Signature]</i>
SHADHUA FEDILE			0710206033	637 Phatsima	<i>[Signature]</i>

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Joseph Nkabi			0712422789		
THEMBERA NOETA			0784892421		
C.A. Serekwa			073543088		C.A. Serekwa
Mothusi Mphahlele			071809308	P.O. BOX 576 PHATSIMA 0351	
Letogang Moyo			078020073	P.O. Box Phatsima 935	L. Moyo
Zodwa Femele			073195333	Phatsima 1810	
Peter Chumou			078788474	Phatsima 41	
TERESA TUNGA			062-212400	PO Box 200	
David Mokoena			0733890257	PO Box 666	
Abram Nonyela			0762907490	PO Box 1670	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima






11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
BEVEN - D. M FUNDISI			0782650882		B. D. M Fundisi
MIMI - A. KOEBERG			0765637721		M Koeborg
Tshidi. A. Malwantwa			060 765 9629		P. malwantwa
Zengile Majombos		Z.Majombos@q.mw.l.com	0798666389		Z. M.
ANNABEL FERRELE			0767446382		A FERRELE
THAPISO SENNE			076 7144 6502		T. SENNE
REBECCA MASISI			0785440977		M.R. Masisi
TIRO DUBE			0732622572		T. Dube
PETRONELLA MOLEKWA			0789787713		P. Molekwa

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima










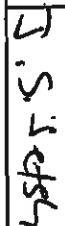
11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
POOE ZELWA			082 930549	1563	Z.N. POOE
LETITA LETSHOLO			073 9194307	1562	L. LETSHOLO
MOBALOKI MAISALINDI			0185602402	1560	
TSHIDI YOYO				1489	
KEDI LOSA			0922142205	1496	F. LOSA
NEO KGAJE			0603440594	1572	
Lydia Mogafoa			076 227612	1363	
PETER MASHI	RLM		0969750299	1077	
Pania Mubungeni			0717105239		P. Mubungeni
Letape Paviina			0603530727		P. Letape

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima



11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
INDOFU SIBONGILE	SASSA		076 879765	P.O. BOX 444 P. H	
Milucene Njauke			083354395	123 Phatsima	
ELIZABETH T. SEGONE	Phatsima		078968988	1454 Phatsima doc	
BIDA BOY SECAROLE	Phatsima		071759321	957 Phatsima	
Koretso Madikwane	Phatsima		071992912	1111 Phatsima	
Gomlomo Molefe	Phatsima		0766793953	996 Phatsima	
Denny Hliko	Phatsima	phatsima@phatsima.co.za		147 Phatsima	
Thapo Mphahlele	Phatsima		0604587053	1470	
Rebecca Tjipo	Black		0731192228	154 Phatsima	
Julia Setshogo	Phatsima		0—	1581 Phatsima	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Reginae Ross			0791002688	P.O. Box 708 Phatsima 0351	
Hilda Mabe			0782215476	P.O. Box 1458 Phatsima 0351	Mabe
Dorothy Segone			078261232	P.O. Box 1454 Phatsima	D. Segone
Adrey Segone			078995029	1454 Phatsima	A. Segone
Dinah Mashiyane			0737467031	1480 Phatsima	D. Mashiyane
REBECCA MASHIANE			074825365	1480 Phatsima	R. Mashiyane
ABUENG PHIRI			0730009499	1052 Phatsima	A. PHIRI
MOTLALEPIA PHIRI			0730009499	1052 Phatsima	M. Phiri
Keibeqile Ditsebe			0633183098	532 Phatsima	
Pho: Mafoloto					

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

11 August 2015

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Kedibane Mathepe			079795829 079795829	1511	Mathepe
Lena Magakabe			0783012	P.O. BOX 652 Phatsima 0351	L. Magakabe
Martha Letem.			0990 0762200 141	P.O BOX 103 PHATSIMA 0351	Martha Letem
Caroline Molefe				S70 PHATSIMA	C. Molefe
Connie Molefe			0762653091	PO BOX 282 PHATSIMA	Connie Molefe
Goodwill N. Molefe			0849609008	0351	Goodwill N. Molefe
Kedibone Sumato				476 Phatsi	Kedibone Sumato
CHRISTINA Molefe			079482235	2020 Section	M.C. Molefe
David Molefe			083549577	House no 1074 P.O. Box 93 Phatsima 0351	David Molefe
Doikas M. MOLEFE			0786131767	House 844	D.M. MOLEFE



ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
EMILY TSOSE	Company				
TIMHO MASUHAN			0789551055	P.O. BOX 597 PHATSIMA	T.E.M.
Suzan Mathelesane			071951101	P.O. BOX 1747 Phatsima	S Mathelesane
COLIN MC. NIMBI			0733658892	P.O. BOX 34 PHATSIMA	EXT 3
Evelyn Seagodin			-	-	setonjalo
Bonang MAGANO			0786766994	-	Selanjaja
Elizabeth Mfundis			0782113943		EMUNDIS
EUNICE CHABINYANA			0790904117	P.O. BOX SUM-CITY 1428	ELIASHINYANA
Abnerubene			0769443287		Abnerubene
VICTOR PHAKAPI			0711444468		







ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE
Attendance Register for Public Open Day – Phatsima Hall, Phatsima **11 August 2015**

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Jacobeth Mkhwanne					
Jula manumano					
Katshane Mookhe			0607944115		K. Mookhe
Fobop moaishe	IKASHA			12th Phomotoop	T. moaishe
Frauc Kepy	CARELANTO		0732591267	Section	F. Kepy
Sello MBULA	PRESTIGE		073404900	P.O.B 601 PHATSIMA	Sello MBULA
Resina Segona			0834909166	1454 Phatsima	R. Segona
MMAFAMEKO SEGOAI			0607710642	27 PHATSIMA	M.M. Segoa
Ontkumelise Seathwasi Tseteng			0717401688	137 Phatsima	O. Tseteng
MoshtuGT	ROSE		1508		MoshtuGT

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima







11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Besti Medicology			073 5702 499		
PATRICK DIGASHY			078 9376518		
FORCIA DIGASHY			078 9187 336	Phatsima	
SHIRELENDI DIALA			0606355399	198 Phatsima	
DITLEDI NDOBA		24155061414@qmail.com	0723519 516	250 Phatsima	
butie lephoto			060 495136	1544 Phatsima	
Magdalena Mogobaledi			0239621957	603 Phatsima	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Phatsima Hall, Phatsima

11 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Sonannes CHAKA			029 3528475	P.O. Box 140 PHATSIMA	
Sorah Mthlwaye			0785747303	P.O. Box 570 Phatsima	
Faen Zetlape			0782620032	Phatsima-1315	
Shogofiso Rakhudu			0621376086	Phatsima 14 0361	
Beniso Sodo			0782265507	Phatsima	
Dinah molateng			013521703	3P Phatsima	DM.
Lebogang Kobedi			0736400218	Exe 2 Phatsima 1634	

Contacts &
Leaders details - Phatsima

083 487 4721 MAKI

079 376 5607 B. Bodo.

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

11 August 2015





Attendance Register for Public Open Day – Phatsima Hall, Phatsima

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
Aubrey Botswa			073 7303574	Phatsima 2020 Section 1105 0300	A. Botswa

2/3

Table 1: Phatsima Public Open Day (11 August 2015)

Item	Description	Picture/Photo
1	<p>Layout and set-up of posters in the Phatsima Community Hall</p>	
2	<p>Location of the Public Open Day- Phatsima Community Hall within the Phatsima Community Centre</p>	

Item	Description of the	Photos	
3	Explanation of posters presented to community members		
4	Interaction with community members and record of community contact details on attendance register		

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
EISIE MCDUPE			073 676 9196	P.O. BOX BARAKHO 0316	E.MCDUPE
ANDON MOLOKO	KGOSANA		0786381061	P.O. BOX BARAKHO THEORIE MOLOKO	
MICHAEL MONGOSI	KGOSANA	michael.mongosi@com mail.com	0755435503	P.O. BOX BARAKHO THEORIE MOLOKO	
LOETO LAWRENCE			0728406277	P.O. BOX 65, LEDIG, 0338	
JAMES TSAMBO	KGOSANA		060 8952828	P.O. BOX, LEDIG, 0338	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig


12 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
LISBETH LETSHOLO			019 9999992 072 314 9816	P.O. Box 149 Sun 8157	N.L. Letsholo
LOETO IAWREKE	Headman	Bakubung Tribe	072840277	P.O. Box 65 Ledig	
Robert Kunene			0718246259	P.O. Box 1025 Ledig	Robert
TD Tsoduko	Kesene	Bakubung	07224464351	P. Box 682	
Betha Katsola			0746762805	Box 248	S.
Kgothatso Sikhondle	Requile perho projects	requile@gmail.com	0791455424	P.O. Box 435 Sun	
Patti ciamkhupe			0722607096	P.O. Box 7028	
Gadisoae Mosisakeng	Ledig	Bakubung tribe	0	P.O. Beirreheo	Gadisoakeng

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
PATRIK MAKHUBU	/			0603706705	P Makhubu
ALENA MIFALAPI TSA	PRIVATE	rakgadi@letter@gmail.com	0737340696	P.O. Box 700 Barafue.	R.
ONCIPO TSE LOGE TO	PRIVATE	oloe to@gmail.com	0793790961	P.O. Box 65 SECTION 1, LEDEG	
HAPPY MOLONNE	Private		0798089659	P.O. Box 485 Barafue	H. Molono

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
ABRAM Modiba			0719918204	P.O. Box 90384. CHABANGA.	A. BRAM
SIYA - ZWANE		Siya Zwane1977@gmail	0825437469	2035 LETHABILE SEC LEDIG	
Patricia Remmelte			0765454523	P.O. Box 346 Sun City 0316	P. Remmelte
Tlengwe Tapile			0767262056	P.O. Box 2823 Sun City 0316	T. Tapile
Tshepo Letshwiti	BWCITC	obikletshwiti@gmail.com	0765626072	P.O. Box 403 Sun City 0316	
Boitumelo Tubu			0739995566	Letshwiti Section P.O. Box 1865	B.P. KUSU
Morweng Hlaleleni			0817051099	Sun City 0316	M. Nduli
Therisa Shabalala	-		0712432547	Ekaza Zulu Section LEDIG	
Pogiso Nkotswe	Bakubung TC		0833131089	P.O. BARATHHEO LEDIG	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
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				Box E178 Ledig	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig







12 August 2015

Name and Surname	Company/ Affiliation	Email	Tel. / Cell Number	Postal Address	Signature
MoTIMASESI LINDISANE				3812 Lidag	X
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JOHICE			0604180507	2242 Lidag	JOHICE
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BONOLD DISETLEH			071 076 3363	2778 KAGISO 1 SECTION	Bonold Disetleh
Cideon Rameng			073 8320421	544 Kagiso 1	Cideon Rameng
BOISHEPO KWATI			0789495633	248 2273 SELASHEHA	B.P.
MARTIN LEKGATLE			082 8390576	1858 SEC 1 LEDIG	M.B. Kgatle
David Mokoena			0734824085	E485 Kagiso 1 Section 8902145985 080	D.Mokoena

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

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NICO HLONGWANE			084798358	House NB 3308 Kagiso 2	

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

12 August 2015

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

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12 August 2015

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12 August 2015

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DANIEL SITHIBE			076 409 7794	HOUSE NO 920	
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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

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12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

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Beauty Lebethe			0167818723	2159	
ESTER KWANYA			0715306436	PHARANO 7025 PHARANO SEC, 0232	
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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

Attendance Register for Public Open Day – Bakubung Tribal Hall, Ledig

12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

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12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

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12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

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12 August 2015

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ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE





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12 August 2015

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Sithobile Dlamini			0722562794	Ledig Kholonyani	

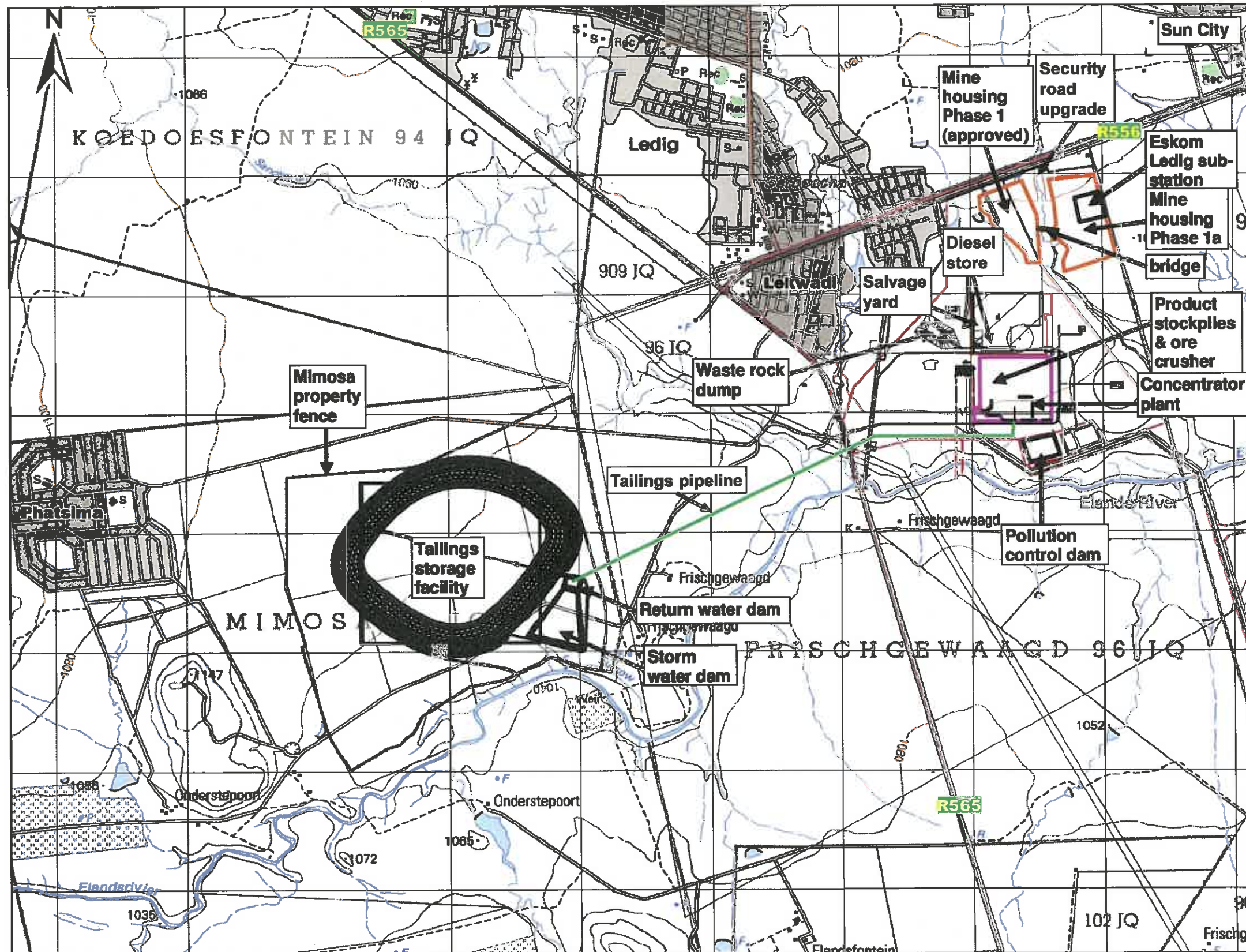
Table 2: Ledig Public Open Day (12 August 2015)

Item	Description	Picture/Photo
1	<p>Layout and set-up of posters in the Bakubung Community Hall</p>	
2	<p>Location of the Public Open Day at the Bakubung Community Hall, Ledig</p>	

Item	Description of the	Photos	
3	Explanation of posters presented to community members		
4	Interaction with community members		

MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE

MMAPA WA LEFELO LE POLANE YA SETSHA



Legend

- Main Roads
- Secondary Roads
- Other Access Roads
- Power Line
- River and Streams
- Cultivated Areas
- Built-up Areas
- Mine Layout
- Tailings pipeline
- Mine housing

Kilometers
0 1 2

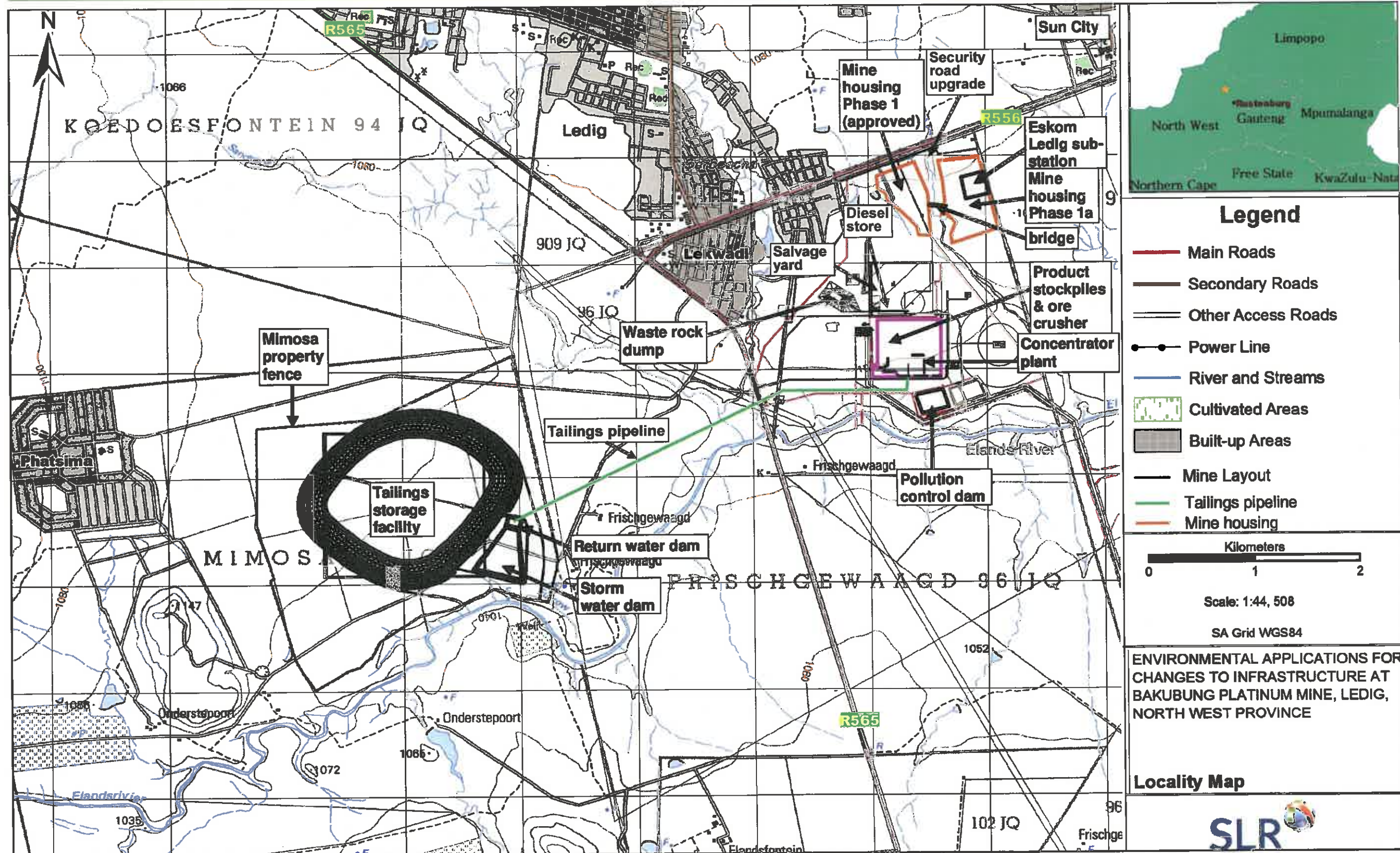
Scale: 1:44, 508
SA Grid WGS84

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE, LEDIG, NORTH WEST PROVINCE

Locality Map

INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

LOCALITY MAP AND SITE PLAN



Legend

- Main Roads
- Secondary Roads
- Other Access Roads
- Power Line
- River and Streams
- Cultivated Areas
- Built-up Areas
- Mine Layout
- Tailings pipeline
- Mine housing

Kilometers
0 1 2

Scale: 1:44, 508
SA Grid WGS84

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE, LEDIG, NORTH WEST PROVINCE

Locality Map



SLR

W E S I Z W E

DIKOPO TSA TIKOLOGO TSA DIPHETOGO TSA MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE

DITIREGO TSA PEOMOLAO YA TIKOLOGO

Go ya ka peomolao ya Aforikaborwa ya tikologo, dithebolo tse nne le diaesense, tse di fiwang ke bathati ba ba kgonang ba ba farologaneng, di thokelwa Dikopo tsa Tikologo tsa Diphetogo tsa Mafaratlhatlha kwa Bakubung Platinum Mine

Kopo e e Kopantsweng

Molao wa Tsamaiso ya Tikologo wa Bosetšhaba, 1998 (NEMA)
Thebolo ya Tikologo (EA) go tswa go
Lefapha la Metswedi ya Dimenerale la Porofense

Tsamaiso ya Tikologo ya Bosetšhaba: Molao wa Matlakala, 2008 (NEM:WA)
Laesense ya Taolo ya Matlakala (WML) go tswa go
Lefapha la Metswedi ya Dimenerale la Porofense

Porojeke ya Moepo wa Bakubung

Mineral and Petroleum Resources Development Act, 2002 (MPRDA)

Tlhabololo ya Karolo 102 go tswa go

Lefapha la Metswedi ya Dimenerale la Porofense

Molao wa Metsi wa Bosetšhaba, 2008 (NWA)
Laesense e e Kopantsweng ya Tiriso ya Metsi (IWUL) go tswa go

Lefapha la Metsi & Phepafatso la Porofense (DWS)

SLR Consulting ke Badiri ba Tlhatlhubo ya Tikologo (EAPs) ba ba Ikemetseng ba ba nang le maikarabelo a go dira tlhatlhubo ya tikologo & pego mo boemong jwa **Wesizwe Platinum Limited**, ya Diirego tsa **NEMA, NEM:WA** le **MPRDA** Processes. **Gemini GIS** le **Environmental Services** ke EAPs tse di kokoanyang kopo ya **IWUL** le dipego.



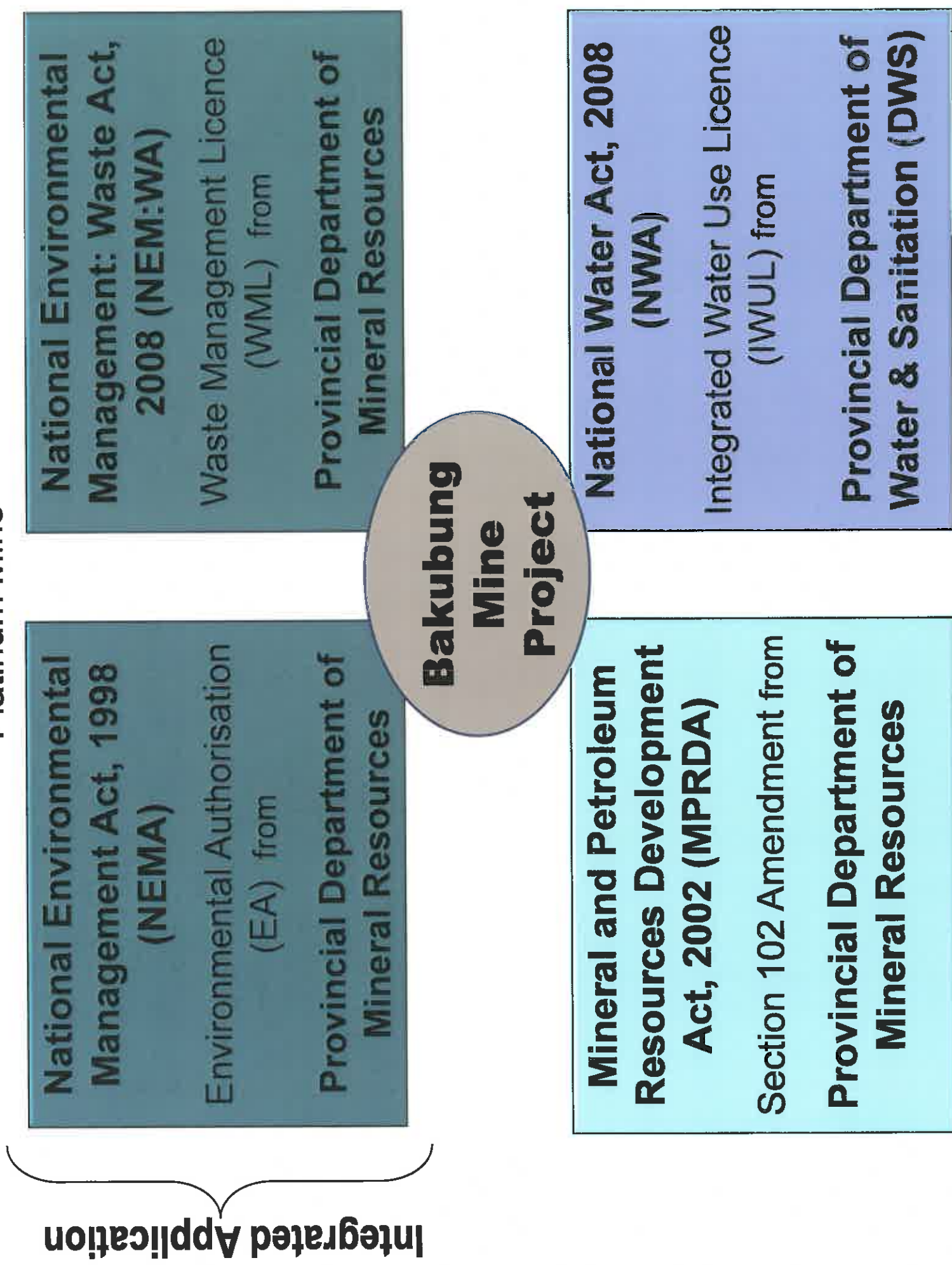
SLR

W e s i z w e . . .

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

ENVIRONMENTAL LEGISLATIVE PROCESSES

In terms of South African environmental legislation, four authorisations and licences, administered by different competent authorities, are required for the Environmental Applications for Changes to Infrastructure at Bakubung Platinum Mine



SLR Consulting are the independent Environmental Assessment Practitioners (EAPs) responsible for conducting the environmental assessment & reporting on behalf of **Wesizwe Platinum Limited**, for the **NEMA, NEM:WA and MPRDA** Processes. **Gemini GIS and Environmental Services** are the EAPs compiling the **IWUL** application and reports.

MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE**TSHEDIMOSETSO YA POROJEKE**

Bakubung Platinum Mine e amogetse Thebolo ya Tikologo ka 2009, go ya ka NEMA & MPRDA. Porojeke e e tshitshintsweng e tlaa akaretsa **DIPHETOGO** tse di latelang **GO Bakubung Platinum Mine TSE DI REBOTSWE** (ela tlhoko go le ke lenaane la ntlha):

- Kago ya letamo la manya le legolwane mo kgaolong ya Mimosa 81JQ – e tlaa oketsega go tswa go 142 ha. go ya bokana ka 166 ha. Bogodimo bo tlaa nna 44m;
- Peipi ya manya fa gare ga moepo & letamo la manya;
- Koketsgo ya polante ya concentrator go tswa go ditone tse 230 000 ka kgwedi go ya go phopholetso ya ditone tse 265 000 ka kgwedi;
- Mothamo o o oketsegileng wa dikumo tsa moepo tse di kokoantsweng;
- Khuduso ya dithubamanya go tswa ka fa tlase ga lefatshe go ya mo godimo ga lona;
- Kakaretso ya diminerale mo laesenseng ya mafika go isa mo go epeng moepo, ka mafika a a latlhiwang a ka nna a rekisiwa jaaka motswako wa mafika le diminirale;
- Kago ya dikgato tsa go laola kgogolego ya mmu mo melapong le dinokeng;
- Poloko & tshwaro ya dithoto tse di kotsi jaaka tisele;
- Dipeipi & marogo godimo ga melapo, tse di farologaneng, go akaretsa marogo a a kwa godimo ga tsela;
- Dipeipi tsa leswe & metsi tse dintšhwa;
- Ditsela tsa mo teng ga moepo tse dintšhwa;
- Dišafote tsa mowa & didiba;
- Dijeneraitara gongwe le polante ya maatla a letsatsi mo setsheng; le
- Kago ya kgato 1a ya matlo a moepo.



Senepe sa tebo go tswa godimo sa setsha sa Bakubung Platinum Mine wa ga jaana (o o rebotsweng).

Ditiro tsa MATLAKALA tse di latelang di tlaa nna teng, tse di tlaa tloang Laesense ya Taolo ya Matlakala:

- Letamo la manya;
- Dithutobolo tsa Mafika a Matlakala;
- Segotlo sa Poloko (poloko ya nakwana ya matlakala a kakaretso le e e kotsi).

INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

PROJECT INFORMATION

Bakubung Platinum Mine received Environmental Authorisation in 2009, in terms of NEMA & MPRDA. The proposed project will involve the following **CHANGES TO THE APPROVED Bakubung Platinum Mine** (note that this is a preliminary list):

- Construction of a **larger tailings dam** on Mimosa 81JQ - area will increase from 142 ha to approx. 166 ha. The height will be approx. 44m;
- A **tailings pipeline** between the mine & tailings dam;
- **Increased capacity of concentrator plant** from 230 000 tons/month to approx. 265 000 tons/month;
- **Increased capacity of mine product stockpiles;**
- **Relocation of ore crusher** from underground to surface;
- Inclusion of minerals in **waste rock into mining licence**, as waste rock may be sold as aggregate;
- Construction of **erosion control measures** along watercourses;
- **Storage & handling of dangerous goods** e.g. diesel;
- **Various pipeline & road crossings over watercourses**, incl. a bridge crossing;
- **New sewage & water pipelines;**
- **New internal mine roads;**
- **Ventilation shafts & raise boreholes;**
- **Generators** and possibly a **solar power plant** on site; and
- Construction of **phase 1a of mine housing**.



Aerial photo of the current (approved) Bakubung Platinum Mine site.

The following **WASTE activities** will take place, which will require a Waste Management Licence:

- **Tailings dam;**
- **Waste rock dumps;**
- **Salvage yard** (temporary storage of general and hazardous waste).



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W E S I Z W E

DIKOPO TSA TIKOLOGO TSA DIPHETOGO TSA MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE

TSHEDIMOSETSO YA POROJEKE

Laesense ya Tiriso ya Metsi ya Bakubung Platinum Mine e filwe ka 2010. Porojeke e e tshitshintsweng e tlaa akaretsa **DIPHETOGO** tse di latelang go **Bakubung Platinum Mine** o o rebotsweng, o o tlaa tlhokang tlhabololo ya Laesense ya Tiriso ya Metsi ya Bakubung Platinum Mine (ela tlhoko go le ke lenaane la ntlha):

- **Poloko ya metsi** (a a senang leswe) – go boloka metsi mo diraseboeng tsa metsi le mo matamong; ;
- **Thibelo kgotsa phaposo ya kelelo ya metsi** mo nokeng ya metsi, le go fetola bokwatlase ba noka, tsela ya noka, kgotsa dintlha tsa pharologantsho ya kelelo y a noka/molapo – maborogo a mannye a a falologaneng go akaretsa dikgato tsa taolo tsa maborogo, tsa kgothego ya mmu le peipi ya manya;
- **Go latlha matlakala ka tsela e e ka nnang ya ama motswedi wa metsi** – letamo la manya, matamo a metsi a a busediwang, matamo a metsing a pula a a geletsweng, matamo a taolo ya kgotlelo, dithotobolo tsa mafika a a latlhiwang, polante e e phepafatsang metsi a leswe, manya a a kokotleditsweng, go okobetsa lorole ka metsi;
- **O tlosa, go golola kgotsa go latlha metsi** a a fitlhelwang ka fa tlase ga lefatshe fa go tlhokega gore go nne le tsweloediso e e kgonang ya tiro, kgotsa ka ntlha ya polokego ya batho - go tlosa metsi mo dišafoteng tsa moepo.



Sekao sa molapo wa metsi o e lelang ka nakwana mo sešheng sa Bakubung Platinum Mine.



W E S I Z W E

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

PROJECT INFORMATION

Bakubung Platinum Mine's Water Use Licence was issued in 2010. The proposed project will involve the following **CHANGES to the approved Bakubung Platinum Mine**, which will require an amendment to the Bakubung Platinum Mine's Water Use Licence (note that this is a preliminary list):

- **Storing of water** (not containing waste) – storing water in water reservoirs and settling dams;
- **Impeding or diverting the flow of water** in a water course, and altering the bed banks, course, or characteristics of a watercourse – various watercourse crossings including a bridge, erosion control measures and tailings pipeline;
- **Disposing of waste** in a manner which may impact on a water resource – tailings dam, return water dams, storm water dams, pollution control dams, waste rock dumps, sewage treatment plant, ore stockpiles, dust suppression with water;
- **Removing, discharging or disposing of water** found underground if it is necessary for the efficient continuation of an activity, or for the safety of people – dewatering the mine shafts.



An example of an ephemeral watercourse on the Bakubung Platinum Mine site.



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w e s i z w e . . .

DIKOPO TSA TIKOLOGO TSA DIPHETOGO TSA MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE

TIREGO YA TLHATLHOBO YA KAMEGO YA TIKOLOGO (EIA)

Go itsise dithebolo le dilaesense, go tlhokega tirego ya Scoping & Tlhatlhobo ya kamego ya Tikologo (EIA) go ya ka Melawana ya EIA ya 2014 ka fa tlase ga NEMA.



Re fano

TIREGO YA EIA E NOLOFADITSWENG

TIREGO YA NTLHA YA THERISANO YA SETSHABA & BOTHATI
(Dikitsiso, Malatsi a Setshaba a Botlhe, Dikopano tsa Bothati, Amogela Ditshwaelo)

ISA KOPO E E KOPANTSWENG YA NEMA LE NEM:WA GO BOTHATI
(e akaretse tirego ya MPRDA S102)

PEGO YA SCOPING

Porojeke e Sele, Kaya Merero & Matshwenyego, Rulaganya gore EIA e tlaa dirwa jang, Dipholo tsa Therisano ya Ntliha ya Setshaba & Bothati

TSHEKATSHEKO YA SETSHABA YA PEGO YA SCOPING
(Pego ya Tlthomo & Pego ya Bofelo (fa go le diphetogo tse dintsi mo tlhomong)) [Lwets-Diph 2015]

ISA PEGO YA SCOPING GO BOTHATI
(Pego ya Tlthomo & Pego ya Bofelo)

KAMOGELO YA BOTHATI YA PEGO YA SCOPING

DITHUTOPATLISISO TSA BOITSEANAPE

Boleng ba Mowa, Modumo, Ekholoji & Maanwane, Metsi a a ka Tlase ga Lefatshe, Ngwaoboswa, Mmu, Mesti a a mo Godimo ga Lefatshe, Loago, Matlakala

LENANEO LA EIA & TSAMAISO YA TIKOLOGO (EMP)
Patlisiso, Tlhatlhoba Dikamego, Ditsela di Sele & Phokotso ya Dikamego

TSHEKATSHEKO YA SETSHABA YA EIA & EMP
(Tlthomo ya Pego & Pego ya Bofelo (fa go le diphetogo tse dintsi go tswa mo tlhomong)) [Tiha-Mop 2010]

ISA EIA & EMP TSA BOFELO GO BOTHATI
(Tlthomo & Pego ya Bofelo)

TSHWETSO YA BOTHATI

TIREGO YA IKUELO



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W e s i z w e

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

To inform the authorisations and licences, a scoping & Environmental Impact Assessment (EIA) process is required in terms of the 2014 EIA Regulations under the NEMA.



SIMPLIFIED EIA PROCESS

INITIAL PUBLIC & AUTHORITY CONSULTATION PROCESS
(Notices, Public Open Days, Authority Meetings, Receive Comments)

SUBMIT INTEGRATED NEMA AND NEM:WA APPLICATION TO AUTHORITY
(includes MPRDA S102 process)

SCOPING REPORT
Project Alternatives, Identify Issues & Concerns, Plan how EIA will be done, Results of Initial Public & Authority Consultation

PUBLIC REVIEW OF SCOPING REPORT
(Draft Report & Final Report (if significant changes to draft)) [Sept-Oct 2015]

SUBMIT SCOPING REPORT TO AUTHORITY
(Draft & then Final Report)

AUTHORITY ACCEPTANCE OF SCOPING REPORT

SPECIALIST STUDIES

Air Quality, Noise, Ecology & Wetlands, Groundwater, Heritage, Soil, Surface Water, Social, Waste

EIA & ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP)
Research, Assess Impacts, Alternatives & Impact Mitigation

PUBLIC REVIEW OF EIA & EMP
(Draft Report & Final Report (if significant changes to draft)) [Feb-Mar 2016]

SUBMIT FINAL EIA & EMP TO AUTHORITY
(Draft & then Final Report)

AUTHORITY DECISION

APPEAL PROCESS



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w e s i z w e . . .

DIKOPO TSA TIKOLOGO TSA DIPHETOGO TSA MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE

TIREGO YA KOPO YA LAESENSE YA TIRISO YA METSI

Go amogela laesense ya tiriso ya metsi (WUL), tirego tebang le NWA.



TIREGO YA WUL E NOLOFADITSWENG

**KOPANO YA PELE GA KOPO LE DWS / KITSISO YA MAIKAELELO A
GO TSENYA KOPO YA WUL**

TIREGO YA NTLHA YA THERISANO YA SETŠHABA & BOTHATI

(Dikitsiso, Malatsi a Setšhaba a Bothe, Dikopano tsa Bothati, Amogela Ditshwaelo)

DITHUTOPATLISISO TSA BOITSEANAPE

Metsi a a ka fa tlase ga Lefatshe, Metsi a a mo godimo ga Lefatshe, Maanwane, Loago

RULAGANYA DIFOROMO TSA KOPO YA LAESENSE YA TIRISO YA METSI (WUL)

**RULAGANYA TLHOMO YA LEANO LE LE KOPANTSWENG LA METSI LE TAOLO
YA MATLAKALA (IWWMP)**

TSHEKATSHEKO YA SETŠHABA YA TLHOMO YA IWWMP (kgotsa Tshobokanyo)

RULAGANYA IWWMP YA BOFELO

**ISA DIFOROMO TSA BOFELO TSA KOPO YA WUL LE IWWMP YA
BOFELO GORE BOTHATI BO TSEYE TSHWETSO**

TSHWETSO YA BOTHATI

TIREGO YA IKUELO

(Ela thoko gore tirego e ka nna ya fetoga fa melawana e e tebang le dithokego tsa tsamaiso tsa Dikopo tsa WUL e ka phasaladiwa tebang le Karolo 26(1)k ya Molao wa Metsi wa Bosetšhaba (36 wa 1998).)



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w e s i z w e . . .

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

WATER USE LICENCE APPLICATION PROCESS

To obtain a water use licence (WUL), a process in terms of the NWA is required.



SIMPLIFIED WUL PROCESS

**PRE-APPLICATION MEETING WITH DWS / NOTICE OF INTENT TO
SUBMIT WUL APPLICATION**

INITIAL PUBLIC & AUTHORITY CONSULTATION PROCESS
(Notices, Public Open Days, Authority Meetings, Receive Comments)

SPECIALIST STUDIES
Surface water, Groundwater, Wetlands, Social

COMPILE WATER USE LICENCE APPLICATION (WUL) FORMS

**COMPILE DRAFT INTEGRATED WATER AND WASTE MANAGEMENT
PLAN (IWWMP)**

PUBLIC REVIEW OF DRAFT IWWMP (or Summary)

COMPILE FINAL IWWMP

**SUBMIT FINAL WUL APPLICATION FORMS AND FINAL IWWMP FOR
AUTHORITY DECISION**

AUTHORITY DECISION

APPEAL PROCESS

(Note that the process may change if regulations regarding procedural requirements for WUL Applications are published in terms of Section 26(1)k of the National Water Act (36 of 1998).)



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W e s i z w e

DIKOPO TSA TIKOLOGO TSA DIPHETOGO TSA MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE

TIREGO YA BOTSAYAKAROLO JWA SETŠHABA

SLR e tlaa tsamaisa Tirego ya Botsayakarolo jwa Setšhaba jwa porojeke.
Ditshono tsa go tsaya karolo ga setšhaba di bontshitswe fa tlase:

ITSISE BATHO BA E KA NNANG BAKGATLHEGI & BAAMEGI (IAPs)

DIPAPATSO Mo dikuranteng tse pedi	DIKITSISO TSA MO SETSHENG Kwa ditsheng tsa porojeke	TOKOMANE YA TSHEDIMOSETSO YA MAITSHETLEGO E phathaladiwa go setšhaba & bathati mo deithabeising (Deithabeisi ya di-IAP e tlaa ntšhwafadiwa ka nako yothe ya porojeke)
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MALATSI A BULETSWENG BOTLHE
A a fang dintlha tsa porojeke & EIA



REJISETARA YA di-IAP
Mogala: (011) 467 0945
Fekese: (011) 467 0978
Imeile: ckotze@slrconsulting.com/
sholt@slrconsulting.com
Post: P.O. Box 1596, Cramerview, 2060

KAYA DIKGANG & MATSHWENYEGO GO TSWA MO DITSHWAELO TSA IAP

SLR e kwala pego ya (tihomo & ya bofelolo)

PEGO YA SCOPING E BATLANG DITSHWAELO TSA IAP (Lwets-Diphal 2015)
(Malatsi a 30 a Tihomo & le a 30 a ya Bofelo – fa go le diphetogo tse dintsi go tswa mo tihomong)

PEGO YA EIA YA DITSHWAELO TSA IAP (Tlhakole-Mopitwe 2016)
(Malatsi a 30 a Tihomo & le a 30 a ya Bofelo – fa go le diphetogo tse dintsi go tswa mo tihomong)

ITSISE di-IAP TSE DI KWADISITSWENG
Ka ga tshwetso ya puso tebang le porojeke

TSAMAISO YA DIKUVELO
Tlhagisa ikuelo ka mabaka.

SLR e dira pego ya EIA (ya tihomo & ya bofelolo)



W e s i z w e

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

PUBLIC PARTICIPATION PROCESS

SLR will manage the Public Participation Process for the project. Opportunities for public involvement are shown below:

NOTIFY POTENTIALLY INTERESTED & AFFECTED PARTIES (IAPs)

- ADVERTS**
In two newspapers
- SITE NOTICES**
At project site/s
- BACKGROUND INFORMATION DOCUMENT**
Distributed to public & authorities on database (IAPs database will be updated throughout the project)

PUBLIC OPEN DAYS
providing project & EIA details



IAPs REGISTER
Phone: (011) 467 0945
Fax: (011) 467 0978
Email: ckotze@slrconsulting.com/
sholt@slrconsulting.com
Post: P.O. Box 1596, Cramerview, 2060

IDENTIFY ISSUES & CONCERNS FROM IAP COMMENTS

SLR compiles scoping report (draft & then final)

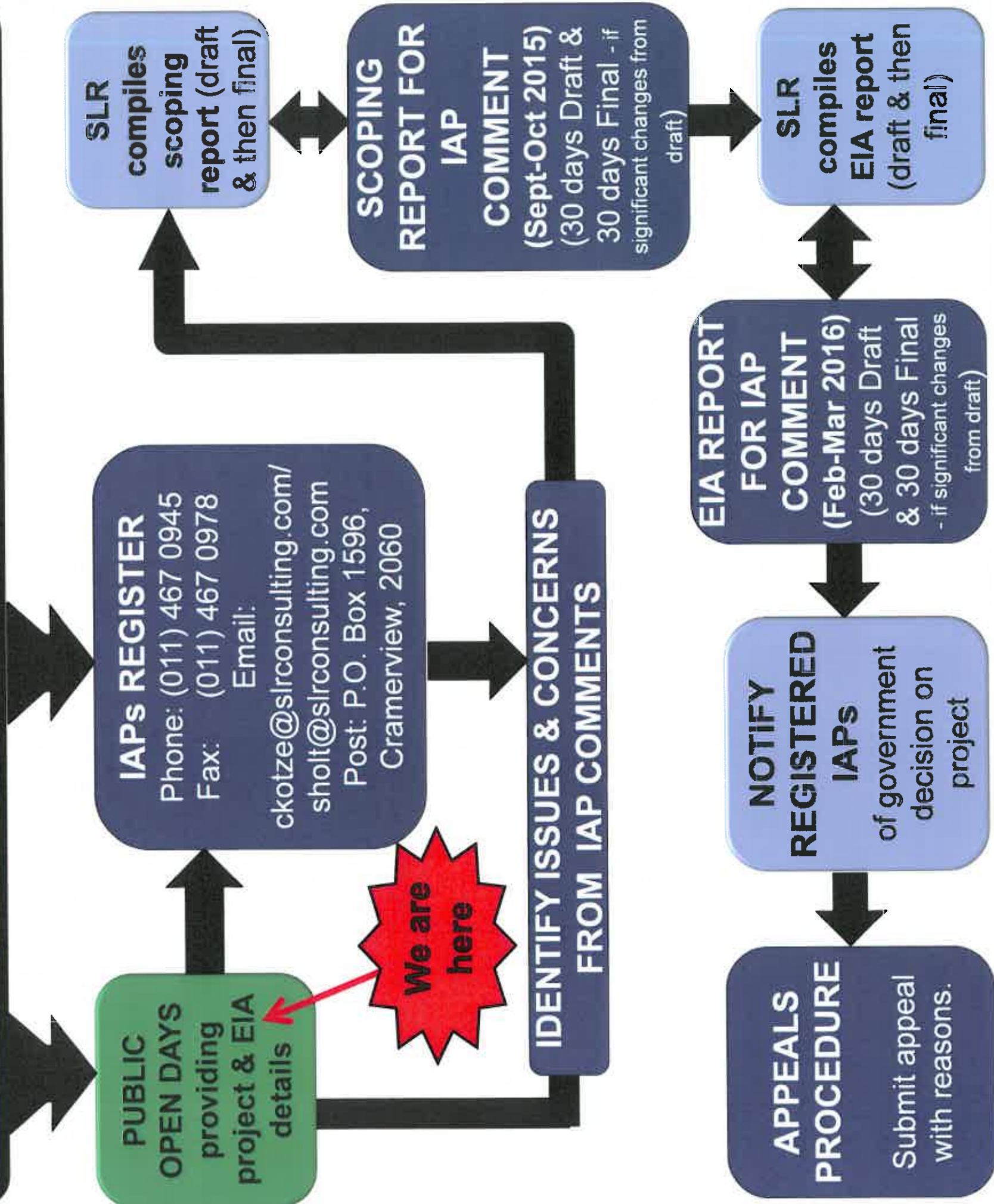
SCOPING REPORT FOR IAP COMMENT
(Sept-Oct 2015)
(30 days Draft & 30 days Final - if significant changes from draft)

EIA REPORT FOR IAP COMMENT
(Feb-Mar 2016)
(30 days Draft & 30 days Final - if significant changes from draft)

NOTIFY REGISTERED IAPs
of government decision on project

SLR compiles EIA report (draft & then final)

APPEALS PROCEDURE
Submit appeal with reasons.





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W E S I Z W E

DIKOPO TSA TIKOLOGO TSA DIPHETOGO TSA MAFARATLHATLHA KWA BAKUBUNG PLATINUM MINE

DITHUTOPATLISISO TSA BOITSEANAPE

Dintlha tse di bothokwa tsa phetogo ya tikologo?

- Metsi a ka fa tlase ga Lefatshe
- Metsi a a mo godimo ga Lefatshe
- Boleng ba Mowa
- Modumo
- Dimela le Ditshedi
- Maanwane
- Metswedi ya Ngwaoboswa
- Bokgoni ba Mmu, Lefatshe & Dikamego tsa Tiriso Lefatshe
- Dikamego tsa Loago



Senepe sa Bakubung Platinum Mine wa ga jaana (o o reboitsweng).

Thutopatlisiso ya boitseanape e dirwa jang?

TSHIMOLOGO

Tlhomamisa seemo sa jaana sa tikologo mo tikologong ya lefelo la porojeke le le tshitshintsweng. (Jk. Bogodimo jwa lerole jwa jaana mo lefelong bo kana kang?)

TSHEDIMOSETSO E E TSENELETSENG YA POROJEKE

Batla tshedimisetso ya porojeke go tlhomamisa gore porojeke e ka ama jang dintlha tse di rileng tsa tikologo. (Jk. Ke ditiro dife tsa porojeke tse di ka dirang lorole?)

GO BONELA PELE KAMEGO

Kaya dikamego tsa tikologo tsa porojeke tse di ka kgonegang. (Jk. Dirisa dimotlele tsa khomphiutha go lebela pele kokoano e ka kgonegang le karolo ya phatlahatso ya lorole.)

TLHATLHOBO YA KAMEGO

Tlhatlhooba gore bogolo jwa kamego e e bonetsweng pele bo tla nna jang. (Jk. Lerole le le solofetsweng le tlaa ama jang boitekanelo jwa merafe e e gauifi?)

PHOKOTSO YA DIKAMEGO

Tlhomamisa ditsela tse dikamego di ka fokodiwang ka tsona. (Jk. Moepo o tshwanetse go gasa ditsela ka metsi ka metha go fokotsa lorole.)

TLHOKOMELO

Lenane la go tlhokomela le tlaa bewa go lekanya bogodimo jo bo tsewetseng jwa kamego le go tlhomamisa go kgona ga go fokotsa kamego. (Jk. Dikamelole tsa lorole di tlaa bewa mo mafelong a rileng mme lerole le tlaa lekanngwa kgwedi le kgwedi.)

Dithutopatlisiso tsa boitseanape di tlaa dirwa ke borasaense ba baitseanape, go ithuta ka mo porojeke e amang diphetogo tsa tikologo tse di umakilweng fa godimo .

Dithutopatlisiso tsa Boitseanape di tlaa isiwa go tshegetsa dikopo tsa tikologo le metsi.



W E S I Z W E . . .

ENVIRONMENTAL APPLICATIONS FOR CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

SPECIALIST STUDIES

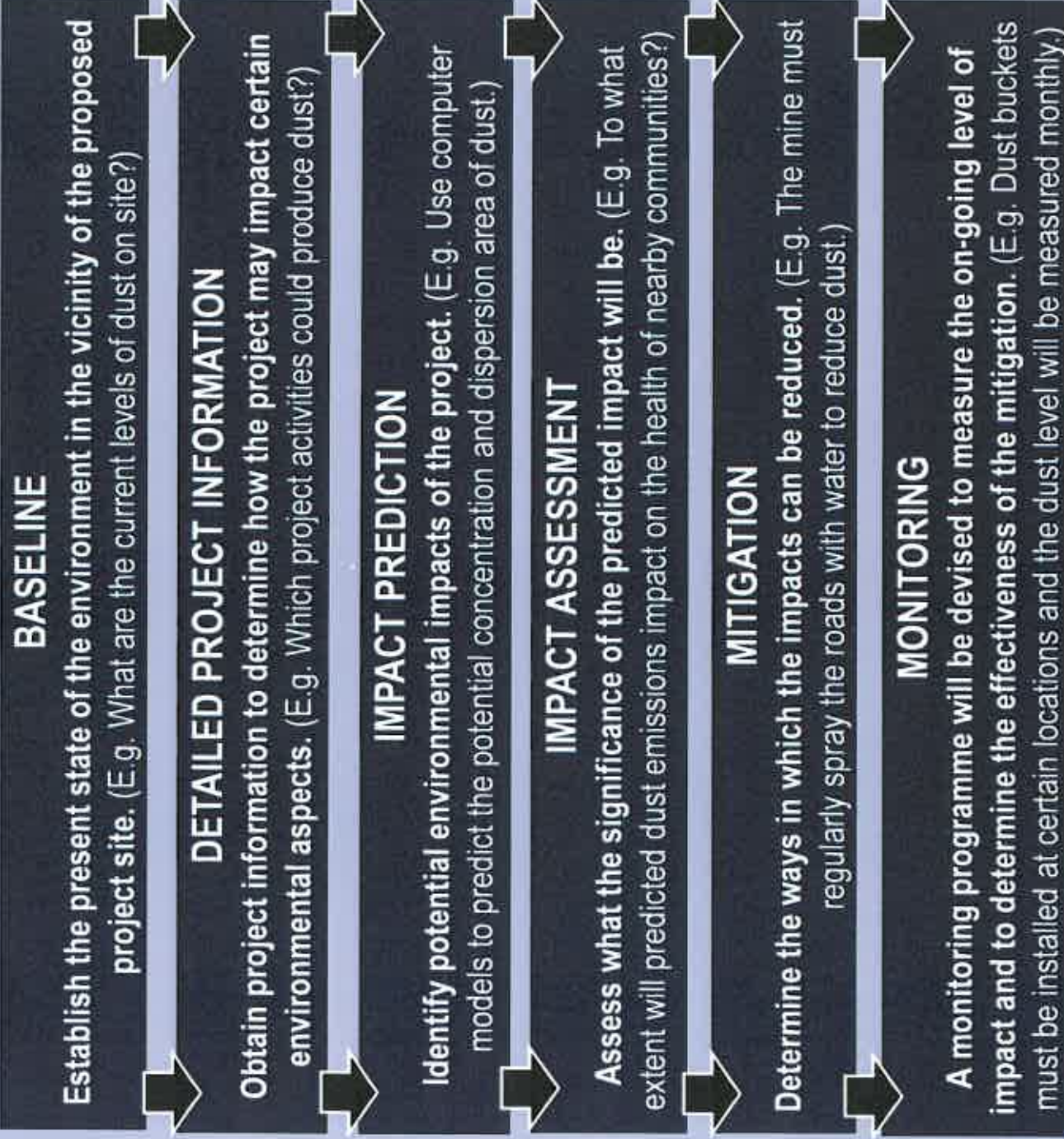
What are the key environmental sensitivities?

- Groundwater
- Surface Water
- Air Quality
- Noise
- Fauna and Flora
- Wetlands
- Heritage Resources
- Soil, Land Capability & Land Use Impacts
- Social Impacts



Photo of the current (approved) Bakubung Platinum Mine.

How is a Specialist Study done?



Specialist studies will be undertaken by specialist scientists, to study the project's impact on the environmental sensitivities mentioned above.

The specialist studies will be submitted in support of the Environmental and Water Applications.

