

- **NEMA/NEMWA application form and DMR acceptance letter of application**



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Private Bag A1, KLERKSDORP 2570

Fax No: (018) 487 4300 / Tel No: (018) 487 4394

Enquiries: Lorraine Nobela E-mail: Lorraine.Nobela@dmr.gov.za

Reference No. NW 30/5/1/2/3/2/1/339 EM

Bakubung Minerals (Pty) Ltd

Private Bag X16

Northlands

2116


Fax: (011) 994 4601

Attention: Eddie Mohlabi.

ACKNOWLEDGEMENT RECEIPT OF AN APPLICATION FOR ENVIRONMENTAL AUTHORIZATION AS REQUIRED IN TERMS OF REGULATION 3(6) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO.107 OF 1998): ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 LODGED IN TERMS OF REGULATION 21 OF THE ABOVE-MENTIONED REGULATIONS AS READ TOGETHER WITH SECTION 72 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2008 (ACT NO.49 OF 2008) AS AMENDED.

1. The above-mentioned matter refers,
2. This letter serves to inform you that your application for Environmental Authorisation lodged on the 30th September 2015 is hereby acknowledged.
3. Kindly be informed that the above mentioned application has not yet been evaluated. Once the evaluation is concluded, you shall be informed in due course of the outcome thereof. Notwithstanding this, you are reminded that all documents must be submitted in accordance with the timeframes stipulated on the NEMA: EIA regulations, 2014.

Yours faithfully

1 
.....
REGIONAL MANAGER
NORTH WEST REGION
DATE: 11/06/2015

Project Reference: 710.23001.00007
Previous DMR Ref: NW30/5/1/2/2/339

File Ref. Bakubung Platinum Mine
NEMA/NEMWA application form 29 09 2015

Date: 30 September 2015

ATTENTION: TSHILIDZI PHALALA / LORRAINE NOBELA
MINE ENVIRONMENTAL MANAGEMENT SECTION
DEPARTMENT OF MINERAL RESOURCES, NORTH-WEST REGION
VAAL UNIVERSITY OF TECHNOLOGY BUILDING,
C/O VOORTREKKER & MARGARETHA PRINSLOO STREETS,
KLERKSDORP

Document Receipt

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

Document Title: APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NEMA AND THE NEMWA for the changes to the Bakubung Platinum Mine

Number of Copies: 1 Original signed copy

Delivered by: Mr D. Moyo

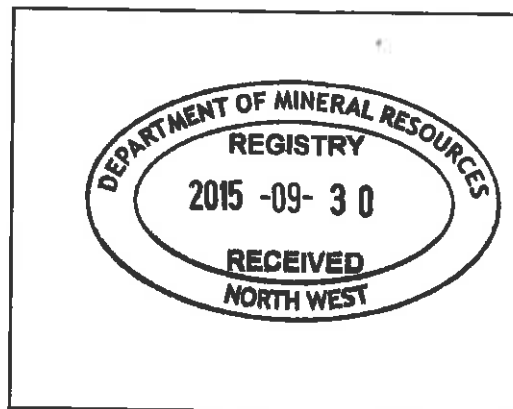
Received by:

MEDUPE
Print Name

MEDUPE
Signature

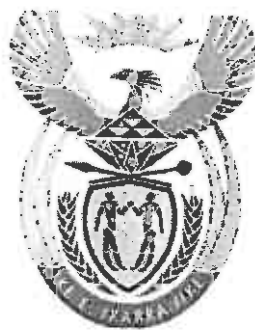
Ha-
Designation

REGISTRY
Date



Department Stamp

30 SEP 2015



DEPARTMENT: MINERAL RESOURCES
REPUBLIC OF SOUTH AFRICA

Tel: 018-487 4300

Fax: 018-487 4394

Name of Applicant: BAKUBUNG PLATINUM MINE

File No: NW 30/5/1/ 26/339MR NW 30/5/1/ 2 /3/2/1/ 339 EM

File No : NW 5/3/2/..... NW 6/2/2/.....

CHECKLIST: MINERAL LAW ADMINISTRATION

Proof Of Consultation with Landowner/Interested/Affected Parties

Other

APPLICATION FORM FOR ENVIROMENTAL AUTHORISATION
INTERMS OF NEMA AND NEMWA

CHECKLIST: MINE ENVIROMENTAL MANAGEMENT

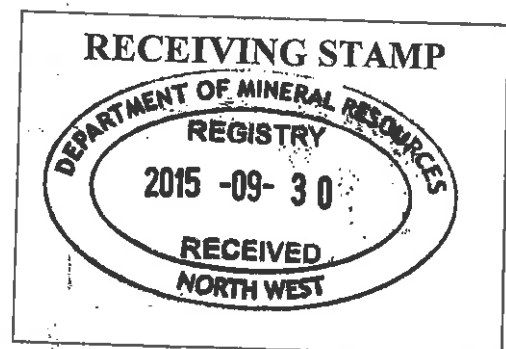
- 1 Original + Copies (Scoping Report / EMP's / EIA)
- Proof of Water Registration
- Memorandum Agreement
- Itemisation as required in terms of Regulation 53 & 54 of the MPRDA
- Letter from the Bank : Financial Provision
- Bank Guarantee
- Application for Closure Certificate

Receipt of the above-mentioned documentation is hereby acknowledged.

DMR OFFICIAL [Signature]

APPLICANT DUNCAN

COPY TO BE PROVIDED TO APPLICANT





mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

IMPORTANT NOTICE

Kindly note that:

1. As from 8 December 2014, this document serves as the application form, and incorporates the requisite documents that are to be submitted together with the application for the necessary environmental authorisations in terms of the said Acts.
2. This application form is applicable while the Mineral and Petroleum Resources Development Amendment Act of 2008 is in effect, as the form may require amendment should the Act be further amended.
3. Applicants are required to apply for the necessary water use licence and any other authorisations nor licences to the relevant competent authorities as required by the relevant legislation. Upon acceptance of an application for a right or permit in terms of the MPRDA, applicants will be required to provide evidence to the Regional Manager that a water use licence has been applied for.
4. The Regional Manager will respond to the application and provide the reference and correspondence details of the Competent Authority, and in the event that the application for a right or permit is accepted, together with the date by which the relevant environmental reports must be submitted. Notwithstanding anything that may appear to be stated to the contrary in the acceptance letter, the timeframes are in fact aligned and the prescribed timeframes for the submission of documents as regulated by the NEMA regulations must be strictly adhered to.
5. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
6. The failure to submit complete information as required in this application form may result in the refusal of the application for an environmental authorisation and consequently of the right or permit applied for.
7. This application must be submitted through the SAMRAD online application system of the Department of Mineral Resources under "Other documents to upload".
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
9. Please note that an application fee is payable in terms of the National Environmental Management Act and the National Waste Management Act, which fees must be paid upon lodgement of the application. Should the said application fees not be paid as prescribed the application for a right or permit in terms of the Mineral and Petroleum Resources Development Act cannot be considered to have been made in the prescribed manner and the said application for a right or permit will have to be rejected. In this regard the type of applications must be identified in the table below.

PLEASE STATE TYPE OF AUTHORISATIONS BEING APPLIED FOR.

APPLICATION TYPE	APPLICABLE FEE	Mark with an X where applicable
NEMA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMWA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMWA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	<input checked="" type="checkbox"/>
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	<input type="checkbox"/>

1. CONSULTATION BASIC ASSESSMENT AND/ OR SCOPING REPORT

2. DETAILS OF THE APPLICANT

Project applicant:

Registration no (if any):

Trading name (if any):

Responsible Person, (e.g. Director, CEO, etc):

Contact person:

Physical address:

Postal address:

Postal code:

Telephone:

E-mail:

Bakubung Minerals (Pty) Ltd		
Bakubung Minerals (Pty) Ltd		
Eddie Mohlabi		
Cathy Theron		
Wesizwe House, Devcon Park, 9 Autumn Road, Rivonia Ext 3, 2128, South Africa		
Pvt Bag X16, Northlands		
2116	Cell:	082 8522976
011 994 4600	Fax:	011 994 4601
cathytheron@telkomsa.net / eddie.mohlabi@wesizwe.com		

3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:

Professional affiliation/registration:

Contact person (if different from EAP):

Company:

Physical address:

Postal address:

Postal code:

Telephone:

E-mail:

Chiara Kotze		
Not applicable / none required (refer to Appendix 1)		
Shelley Seton-Rogers or Chiara Kotze		
SLR Consulting (Africa) (Pty) Ltd		
SLR, Block 7, Fourways Manor Office Park, Cnr Roos and Macbeth Streets, Fourways, Johannesburg		
P.O. Box 1596, Cramerview 2060		
2060	Cell:	073 277 7228
011 467 0945	Fax:	011 467 0978
sholt@slrconsulting.com / ckotze@slrconsulting.com		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by the NEMA Regulations, prior to the commencement of the process. The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and relevant application processes) of the EAP must also be attached as **Appendix 1**.

4. PROJECT DESCRIPTION

Farm Name:	Remaining extent and portions 1, 3, 4, 11 of the farm Frischgewaagd 96 JQ; The remainder of the farm Mimosa 81JQ.
Application area (Ha)	Frischgewaagd 96 JQ: 792.28 ha Ledig 909 JQ: 709.8 ha Mimosa 81JQ: 964.87 ha
Magisterial district:	Bojanala District Municipality (Moses Kotane Local Municipality and Rustenburg Local Municipality)
Distance and direction from nearest town	Plant Area: approximately (~) 1.5km south east of Ledig, 150 m from Lekwadi TSF Area: ~ 3km from Ledig, 630m east of Phatsima
21 digit Surveyor General Code for each farm portion	T0JQ0000000009600001 T0JQ0000000009600003 T0JQ0000000009600004 T0JQ0000000009600011 T0JQ0000000009600000 T0JQ0000000008100000
Locality map	Attach a locality map at a scale no smaller than 1:250000 and attach as Appendix 2
Description of the overall activity. <i>(Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)</i>	<p>Application for the following additional (NEMA and NEMWA) Listed Activities at Bakubung Platinum Mine:</p> <ul style="list-style-type: none"> • A tailings pipeline between the mine and the TSF which will go through a watercourse; • 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 circuit 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; • Construction of a noise reduction berm through a watercourse; • 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, and construction of an approved mine access road through a watercourse; • Ventilation shafts and raise boreholes; • Pollution Control Dams; • Settling and return water dams; • Generators or possibly a solar power plant on site, for back up power; • A salvage yard for temporary storage of general and hazardous waste; • The construction of phase 1a of the mine housing; • The construction of a larger TSF (and associated infrastructure) on the farm Mimosa 81JQ. The area will increase from 142 ha to ~ 166 ha. The height will be ~ 44m.

5. ACTIVITIES TO BE AUTHORISED

(Please provide copies of Environmental Authorisations obtained for the same property as Appendix 3).

(Attach a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all the activities to be applied for, as Appendix 4)

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected)	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Site preparation Selective clearing of vegetation in areas designated for all surface infrastructure, stockpiles and surface disturbance.	Concentrator Plant = 33.5ha Housing Phase 1a = 23 ha Tailings Pipeline Servitude = 11.4 ha TSF = 170 ha PCD's = 4.2 ha Total = 242.1 ha	X	GN R 983 Activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation , except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan . GN R 984 Activity 15 – The clearance of an area of 20 hectares or more of indigenous vegetation , excluding where such clearance of indigenous vegetation is required for- (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan . GN R 985 Activity 12 - The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan . GN R 983 Activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation , except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan .		
Stripping and stockpiling topsoil and sub-soil and the establishment of a topsoil stockpile area	Total area = 242.1 ha Stockpile areas 10 ha	X	GN R 984 Activity 15 – The clearance of an area of 20 hectares or more of indigenous vegetation , excluding where such clearance of indigenous vegetation is required for- (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan .		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, barmes, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Digging of foundations and trenches	4 ha	X	management plan . GNR 985 Activity 12 - The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan . GNR 983 activity 19 - The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from - (i) a watercourse ; (ii) the seashore ; or (iii) the littoral active zone , an estuary or a distance of 100 metres inland of the highwater mark of the sea or an estuary , whichever distance is the greater but excluding where such infilling, depositing , dredging, excavation, removal or moving - (a) will occur behind a development setback ; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan ; or (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.		
			GNR 983 activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation , except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan . GNR 985 Activity 14 - The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size;(iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size;(v) weirs, where the weir,including infrastructure and water surface area exceeds 10 square metres in size;(vi) bulk storm water outlet structures exceeding 10 square metres in size;(vii) marinas exceeding 10 square metres in size;(viii) jetties exceeding 10 square metres in size;(ix) slipways exceeding 10 square		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>metres in size;(x) buildings exceeding 10 square metres in size;(xi) boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 23 - The expansion of- (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size;(iii) bridges where the bridge is expanded by 10 square metres or more in size;(iv) dams where the dam is expanded by 10 square metres or more in size;(v) weirs where the weir is expanded by 10 square metres or more in size;(vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more;where such development occurs -(a) within a watercourse ;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.) Mining and associated infrastructure	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY- (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
		X	<p>GNR 983 activity 21- Any activity including the operation of that activity which requires a mining permit in terms of section 27 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).</p> <p>GNR 983 activity 28 - Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such developed (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare, excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.</p> <p>GNR 983 activity 32 - The continuation of any development where the environmental authorisation has lapsed and where the continuation of the development, after the date the environmental authorisation has lapsed will meet the threshold of any activity or activities listed in this Notice, Listing Notice 2 of 2014, or Listing Notice 3 or Listing Notice 4 of 2014.</p> <p>GNR 984 activity 17 - Any activity including the operation of that activity which requires a mining right as contemplated in section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, abutment facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, abutment, stores, workshops, processing plant, storm water control, beams, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			GN R 984 Activity 21 - Any activity including the operation of that activity associated with the primary processing of a mineral resource including winning, reduction, extraction, classifying, concentrating, crushing, screening and washing but excluding the smelting, beneficiation, refining, calcining or gasification of the mineral resource in which case activity 6 in this Notice applies.		
Relocation of ore crusher to be above-ground	0.005 ha	None	Not applicable		
Crushing waste rock for sale as aggregate	5 ha	X	GNR 983 activity 21 - Any activity including the operation of that activity which requires a mining permit in terms of section 27 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002). GN R 984 Activity 17 - Any activity including the operation of that activity which requires a mining right as contemplated in section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).		
Ventilation shafts and raise	0.25 ha	None	GN R 984 Activity 21 - Any activity including the operation of that activity associated with the primary processing of a mineral resource including winning, reduction, extraction, classifying, concentrating, crushing, screening and washing but excluding the smelting, beneficiation, refining, calcining or gasification of the mineral resource in which case activity 6 in this Notice applies.		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, abutment facility, accommodation, equipment storage, sample storage, site offices, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, abutment, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.) boreholes	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Increase in the capacity of the concentrator plant	33.5 ha	X	GN R 983 Activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan. GN R 984 Activity 15 - The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for- (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.		
Transportation system Establishment of internal haul roads and access roads (some of which will cross watercourses)	6.5 ha	X	GNR 983 activity 19 - The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from - (i) a watercourse; (ii) the seashore; or (iii) the littoral active zone, an estuary or a distance of 100 metres inland of the highwater mark of the sea or an estuary, whichever distance is the greater but excluding where such infilling, depositing, dredging, excavation, removal or moving - (a) will occur behind a development setback; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan; or (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies. GNR 983 activity 24 - The development of - (i) a road for which an environmental authorisation was obtained for the route determination in terms of activity 5 in Government Notice 387 of 2006 or activity 18 in Government Notice 545 of 2010; or (ii) a road with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres; but excluding - (a) roads which are identified and included in activity 27 in Listing Notice 2 of 2014; or (b) roads where the entire road falls within an urban area.		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>GN R 985 Activity 4 – The development of a road wider than 4 metres with a reserve less than 13,5 metres.</p> <p>GN R 985 Activity 14 – The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size; (iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area exceeds 10 square metres in size; (vi) bulk storm water outlet structures exceeding 10 square metres in size; (vii) marinas exceeding 10 square metres in size; (viii) jetties exceeding 10 square metres in size; (ix) slipways exceeding 10 square metres in size; (x) buildings exceeding 10 square metres in size; (xi) boardwalks exceeding 10 square metres in size; or (xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback has been adopted, within 32 metres of a watercourse , measured from the edge of a watercourse ; excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 18 – The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>GN R 985 Activity 23 - The expansion of - (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size; (iii) bridges where the bridge is expanded by 10 square metres or more in size; (iv) dams where the dam is expanded by 10 square metres or more in size; (v) weirs where the weir is expanded by 10 square metres or more in size; (vi) bulk storm</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Construction and operation of a tailings pipeline for transfer of tailings from the mine to the Tailings Storage Facility (TSF)	11.4 ha	X	water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more;where such development occurs -(a) within a watercourse;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted, within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour. GN R 983 Activity 10 - The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes - (f) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more; excluding where - (a) such infrastructure is for bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes inside a road reserve; or (b) where such development will occur within an urban area. GNR 983 activity 12 - The development of - (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam , including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) marinas exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORIZATION (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback exists, within 32 metres of a watercourse , measured from the edge of a watercourse ; - excluding - (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.</p> <p>GNR 983 activity 19 - The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from - (i) a watercourse ; (ii) the seashore ; or (iii) the littoral active zone , an estuary or a distance of 100 metres inland of the highwater mark of the sea or an estuary , whichever distance is the greater but excluding where such infilling, depositing , dredging, excavation, removal or moving - (a) will occur behind a development setback ; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan ; or (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.</p> <p>GNR 983 activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation , except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan .</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, abutment facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, abutment, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>GN R 985 Activity 14 – The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size; (iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area exceeds 10 square metres in size; (vi) bulk storm water outlet structures exceeding 10 square metres in size; (vii) marinas exceeding 10 square metres in size; (viii) jetties exceeding 10 square metres in size; (ix) slipways exceeding 10 square metres in size; (x) buildings exceeding 10 square metres in size; (xi) boardwalks exceeding 10 square metres in size; or (xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback has been adopted, within 32 metres of a watercourse , measured from the edge of a watercourse ; excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 23 - The expansion of - (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size; (iii) bridges where the bridge is expanded by 10 square metres or more in size; (iv) dams where the dam is expanded by 10 square metres or more in size; (v) weirs where the weir is expanded by 10 square metres or more in size; (vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size; (vii) marinas where the marina is expanded by 10 square metres or more in size; (viii) jetties where the jetty is expanded by 10 square metres or more in size; (ix) slipways where the slipway is expanded by 10 square metres or more in size; (x) buildings where the building is expanded by 10 square metres or more in size; (xi) boardwalks</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Construction of a bridge	< 1ha	X	<p>where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted, within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 983 Activity 12 - The development of - (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam , including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) marinas exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback exists, within 32 metres of a watercourse , measured from the edge of a watercourse ; - excluding - (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>GNR 983 activity 19 - The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from - (i) a watercourse ; (ii) the seashore ; or (iii) the littoral active zone , an estuary or a distance of 100 metres inland of the highwater mark of the sea or an estuary , whichever distance is the greater but excluding where such infilling, depositing , dredging, excavation, removal or moving - (a) will occur behind a development setback ; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan ; or (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.</p> <p>GN R 985 Activity 14 – The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size;(iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size;(v) weirs, where the weir,including infrastructure and water surface area exceeds 10 square metres in size;(vi) bulk storm water outlet structures exceeding 10 square metres in size;(vii) marinas exceeding 10 square metres in size;(viii) jetties exceeding 10 square metres in size;(ix) slipways exceeding 10 square metres in size;(x) buildings exceeding 10 square metres in size;(xi) boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 23 - The expansion of- (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>channel is expanded by 10 square metres or more in size;(iii) bridges where the bridge is expanded by 10 square metres or more in size;(iv) dams where the dam is expanded by 10 square metres or more in size;(v) weirs where the weir is expanded by 10 square metres or more in size;(vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more;where such development occurs -(a) within a watercourse ;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p>		
<p>Waste management (Non-mineralised and Mineralised) Increased size of the Waste Rock Dump (WRD)</p>	<p>5.7ha</p>	<p>X</p>	<p>GN R 983 Activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation , except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan .</p> <p>GN R 985 Activity 12 - The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan .</p>	<p>X</p>	<p>GNR 921 category A (12) - The construction of a facility for a waste management activity listed in Category A of this Schedule (not in isolation to associated waste management activity).</p> <p>A(15) - The establishment or reclamation of a residue stockpile or residue deposit resulting from activities which require a prospecting right or</p>

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Increased size of the TSF	170 ha	X	GN R 983 Activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.	X	mining permit, in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002). B(7) - The disposal of any quantity of hazardous waste to land. B(10) - The construction of a facility for a waste management activity listed in Category 8 of this Schedule (not in isolation to associated waste management activity). B(1) - The establishment or reclamation of a residue stockpile or residue deposit resulting from activities which require a mining right, exploration right or production right in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).
					GNR 921 category B (7) - The disposal of any quantity of hazardous waste to land. B(10) - The construction of a

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, abutment facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, abutment, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>GN R 984 Activity 15 - The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for- (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>GN R 985 Activity 12 - The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>GN R 985 Activity 14 - The development of - (i) canals exceeding 10 square metres in size; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size; (iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area exceeds 10 square metres in size; (vi) bulk storm water outlet structures exceeding 10 square metres in size; (vii) marinas exceeding 10 square metres in size; (viii) jetties exceeding 10 square metres in size; (x) slipways exceeding 10 square metres in size; (x) buildings exceeding 10 square metres in size; (xi) boardwalks exceeding 10 square metres in size; or (xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs - (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback has been adopted, within 32 metres of a watercourse measured from the edge of a watercourse; excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 23 - The expansion of - (i) canals where the canal is</p>		<p>facility for a waste management activity listed in Category 8 of this Schedule (not in isolation to associated waste management activity).</p> <p>B(11) - The establishment or reclamation of a residue stockpile or residue deposit resulting from activities which require a mining right, exploration right or production right in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).</p>

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Salvage yard for temporary storage of general and hazardous waste	0.62 ha	None	<p>expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size; (iii) bridges where the bridge is expanded by 10 square metres or more in size; (iv) dams where the dam is expanded by 10 square metres or more in size; (v) weirs where the weir is expanded by 10 square metres or more in size; (vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size; (vii) marinas where the marina is expanded by 10 square metres or more in size; (viii) jetties where the jetty is expanded by 10 square metres or more in size; (ix) slipways where the slipway is expanded by 10 square metres or more in size; (x) buildings where the building is expanded by 10 square metres or more in size; (xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such development occurs - (a) within a watercourse; (b) in front of a development setback adopted in the prescribed manner; or (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse; excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>Not applicable</p>	X	<p>Category C(1) - The storage of general waste at a facility that has the capacity to store in excess of 100m³ of general waste at any one time, excluding the storage of waste in lagoons or temporary storage of such waste.</p> <p>C(2) - The storage of hazardous waste at a facility that has the capacity to store in excess of</p>

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY- SATION (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Increased capacity of the mine product stockpiles	4.6 ha	X	<p>GNR 983 activity 34 - The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions or pollution, excluding - (i) 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 the National Environmental Management: Waste Act, 2008 applies; or (ii) the expansion of or changes to existing facilities for the treatment of effluent, wastewater or sewage where the capacity will be increased by less than 15 000 cubic metres per day.</p> <p>GNR 984 activity 6 – The development of facilities or infrastructure for any process or activity which requires a permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding - (i) activities which are identified and included in Listing Notice 1 of 2014; (ii) activities which are 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 National Environmental Management: Waste Act, 2008 applies; or (iii) the development of facilities or infrastructure for the treatment of effluent, wastewater or sewage where such facilities have a daily throughput capacity of 2000 cubic metres or less.</p>		80m ³ of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons or temporary storage of such waste
					C(3) - The storage of waste tyres in a storage area exceeding 500m ² .

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Establishing a sewage treatment plant	0.44 ha	X	GN R 985 Activity 12 - The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. GNR 983 Activity 25 - The development and related operation of facilities or infrastructure for the treatment of effluent, wastewater or sewage with a daily throughput capacity of more than 2000 cubic metres but less than 15000 cubic metres. GNR 983 activity 34 - The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions or pollution, excluding - (i) 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 the National Environmental Management: Waste Act, 2008 applies; or (ii) the expansion of or changes to existing facilities for the treatment of effluent, wastewater or sewage where the capacity will be increased by less than 15 000 cubic metres per day.		
			GNR 984 Activity 6 - The development of facilities or infrastructure for any process or activity which requires a permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding - (i) activities which are identified and included in Listing Notice 1 of 2014; (ii) activities which are 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 National Environmental Management: Waste Act, 2008 applies; or (iii) the development of facilities or infrastructure for the treatment of effluent,		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Storing and handling dangerous goods	0.15 ha Volume = 737.5 m ³	X	wastewater or sewage where such facilities have a daily throughput capacity of 2000 cubic metres or less. GN R 984 Activity 25 - The development and related operation of facilities or infrastructure for the treatment of effluent, wastewater or sewage with a daily throughput capacity of 15000 cubic metres or more. GNR 983 Activity 14 - The development 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 cubic metres or more but not exceeding 500 cubic metres. GNR 984 Activity 4 - The development 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. GNR 985 Activity 10 - The development 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. GN R 985 Activity 22 - The expansion of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage facilities or infrastructure will be expanded by 30 cubic metres or more but no more than 80 cubic metres.		
Water supply, use and management Construction and operation of new sewage and water pipelines, and storm water infrastructure	1200 m	X	GNR 983 Activity 9 - The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water- (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more; excluding where - (a) such infrastructure is for bulk transportation of water or storm water or storm water drainage inside a road reserve; or (b) where such development will occur within an urban area.		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>GNR 983 activity 10 - The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes - (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more; excluding where - (a) such infrastructure is for bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes inside a road reserve; or (b) where such development will occur within an urban area.</p> <p>GNR 983 activity 12 - The development of - (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam , including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) manins exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback exists, within 32 metres of a watercourse , measured from the edge of a watercourse ; - excluding - (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; or (ee) where such development</p>		

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			<p>occurs within existing roads or road reserves.</p> <p>GNR 983 activity 19 - The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from - (i) a watercourse ; (ii) the seashore ; or (iii) the littoral active zone , an estuary or a distance of 100 metres inland of the highwater mark of the sea or an estuary , whichever distance is the greater but excluding where such infilling, depositing , dredging, excavation, removal or moving - (a) will occur behind a development setback ; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan ; or (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.</p> <p>GN R 985 Activity 14 – The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size;CO bridges exceeding 10 square metres in size;(iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size;(v) weirs, where the weir,including infrastructure and water surface area exceeds 10 square metres in size;(vi) bulk storm water outlet structures exceeding 10 square metres in size;(vii) marinas exceeding 10 square metres in size;(viii) jetties exceeding 10 square metres in size;(ix) slipways exceeding 10 square metres in size;(x) buildings exceeding 10 square metres in size;(xi) boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			GN R 985 Activity 23 - The expansion of- (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size;(iii) bridges where the bridge is expanded by 10 square metres or more in size;(iv) dams where the dam is expanded by 10 square metres or more in size;(v) weirs where the weir is expanded by 10 square metres or more in size;(vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more;where such development occurs -(a) within a watercourse ;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.		
Construction and operation of water storage reservoirs	0.33 ha	X	GNR 983 activity 12 - The development of - (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam , including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) marinas exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such		

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			<p>development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback exists, within 32 metres of a watercourse , measured from the edge of a watercourse ; - excluding - (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within existing roads or road reserves.</p> <p>GNR 983 activity 13 - The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50000 cubic metres or more, unless such storage falls within the ambit of activity 16 in Listing Notice 2 of 2014.</p> <p>GNR 985 Activity 2 – The development of reservoirs for bulk water supply with a capacity of more than 250 cubic metres.</p> <p>GN R 985 Activity 14 – The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size;CO bridges exceeding 10 square metres in size;(iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size;(v) weirs, where the weir,including infrastructure and water surface area exceeds 10 square metres in size;(vi) bulk storm water outlet structures exceeding 10 square metres in size;(vii) marinas exceeding 10 square metres in size;(viii) jetties exceeding 10 square metres in size;(ix) slipways exceeding 10 square metres in size;(x) buildings exceeding 10 square metres in size;(xi) boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more, where such</p>		

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			<p>development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted, within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 16 – The expansion of reservoirs for bulk water supply where the capacity will be increased by more than 250 cubic metres.</p> <p>GN R 985 Activity 23 - The expansion of- (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size;(iii) bridges where the bridge is expanded by 10 square metres or more in size;(iv) dams where the dam is expanded by 10 square metres or more in size;(v) weirs where the weir is expanded by 10 square metres or more in size;(vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more;where such development occurs -(a) within a watercourse ;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted, within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p>		
Dewatering of the mine shaft of	None	None	Not applicable		

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groundwater Construction and operation of settling and return water dams	0.103ha	X	<p>GNR 983 activity 12 - The development of - (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam , including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) marinas exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback exists, within 32 metres of a watercourse , measured from the edge of a watercourse ; - excluding - (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.</p> <p>GNR 983 activity 13 - The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50000 cubic metres or more, unless such storage falls within the ambit of activity 16 in Listing Notice 2 of 2014.</p> <p>GNR 983 activity 34 - The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for</p>		

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			<p>a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions or pollution, excluding - (i) 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 the National Environmental Management: Waste Act, 2008 applies; or (ii) the expansion of or changes to existing facilities for the treatment of effluent, wastewater or sewage where the capacity will be increased by less than 15 000 cubic metres per day.</p> <p>GNR 984 activity 6 - The development of facilities or infrastructure for any process or activity which requires a permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding - (i) activities which are identified and included in Listing Notice 1 of 2014; (ii) activities which are 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 National Environmental Management: Waste Act, 2008 applies; or (iii) the development of facilities or infrastructure for the treatment of effluent, wastewater or sewage where such facilities have a daily throughput capacity of 2000 cubic metres or less.</p> <p>GN R 985 Activity 14 - The development of - (i) canals exceeding 10 square metres in size; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size; (iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area exceeds 10 square metres in size; (vi) bulk storm water outlet structures exceeding 10 square metres in size; (vii) marinas exceeding 10 square metres in size; (viii) jeties exceeding 10 square metres in size; (ix) slipways exceeding 10 square metres in size; (x) buildings exceeding 10 square metres in size; (xi)</p>		

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Construction of erosion control measures along watercourses	< 1ha	X	boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour. GN R 985 Activity 23 - The expansion of- (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size;(iii) bridges where the bridge is expanded by 10 square metres or more in size;(iv) dams where the dam is expanded by 10 square metres or more in size;(v) weirs where the weir is expanded by 10 square metres or more in size;(vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more;where such development occurs -(a) within a watercourse ;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour. GNR 983 activities 12- The development of - (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges		

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within the mine area			exceeding 100 square metres in size; (iv) dams, where the dam , including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) marinas exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback exists, within 32 metres of a watercourse , measured from the edge of a watercourse ; - excluding - (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.		
			GNR 983 activity 19 - The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from - (f) a watercourse ; (ii) the seashore ; or (iii) the littoral active zone , an estuary or a distance of 100 metres inland of the highwater mark of the sea or an estuary , whichever distance is the greater but excluding where such infilling, depositing , dredging, excavation, removal or moving - (a) will occur behind a development setback ; (b) is for maintenance purposes undertaken in accordance with a maintenance management plan ; or (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>GN R 985 Activity 14 – The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size;(iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size;(v) weirs, where the weir,including infrastructure and water surface area exceeds 10 square metres in size;(vi) bulk storm water outlet structures exceeding 10 square metres in size;(vii) marinas exceeding 10 square metres in size;(viii) jetties exceeding 10 square metres in size;(ix) slipways exceeding 10 square metres in size;(x) buildings exceeding 10 square metres in size;(xi) boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 23 - The expansion of- (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size;(iii) bridges where the bridge is expanded by 10 square metres or more in size;(iv) dams where the dam is expanded by 10 square metres or more in size;(v) weirs where the weir is expanded by 10 square metres or more in size;(vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, abutment facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, abutment, stores, workshops, processing plant, storm water control, beams, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Power supply and use Installation of generators or possibly a solar power plant on site, for back up power	< 30 ha	X	where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such development occurs - (a) within a watercourse; (b) in front of a development setback adopted in the prescribed manner; or (c) if no development setback has been adopted, within 32 metres of a watercourse, measured from the edge of a watercourse; excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.		
Support infrastructure			<p>GNR 983 Activity 1 - The development of facilities or infrastructure for the generation of electricity from a renewable resource where - (i) the electricity output is more than 10 megawatts but less than 20 megawatts; or (ii) the output is 10 megawatts or less but the total extent of the facility covers an area in excess of 1 hectare; excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs within an urban area.</p> <p>GNR 983 Activity 2 - The development and related operation of facilities or infrastructure for the generation of electricity from a non-renewable resource where - (i) the electricity output is more than 10 megawatts but less than 20 megawatts; or (ii) the output is 10 megawatts or less but the total extent of the facility covers an area in excess of 1 hectare.</p> <p>GNR 984 Activity 1 - The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more, excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs within an urban area.</p> <p>GNR 984 Activity 2 - The development and related operation of facilities or infrastructure for the generation of electricity from a non-renewable resource where the electricity output is 20 megawatts or more.</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, beams, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
The construction of additional mine housing	23 ha	X	<p>GN R 983 Activity 27 - The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation , except where such clearance of indigenous vegetation is required for - (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan .</p> <p>GN R 984 Activity 15 - The clearance of an area of 20 hectares or more of indigenous vegetation , excluding where such clearance of indigenous vegetation is required for- (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan .</p> <p>GN R 985 Activity 12 -- The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan .</p> <p>GN R 985 Activity 14 - The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size;(iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size;(v) weirs, where the weir,including infrastructure and water surface area exceeds 10 square metres in size;(vi) bulk storm water outlet structures exceeding 10 square metres in size;(vii) marinas exceeding 10 square metres in size;(viii) jetties exceeding 10 square metres in size;(ix) slipways exceeding 10 square metres in size;(x) buildings exceeding 10 square metres in size;(xi) boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
Pollution control dams	Total for 2 dams = 4.2 ha Total volume = 78 000 m ³	X	watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour. GNR 983 activity 12 - The development of - (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam , including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (vii) marinas exceeding 100 square metres in size; (viii) jetties exceeding 100 square metres in size; (ix) slipways exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; (xi) boardwalks exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more, where such development occurs - (a) within a watercourse ; (b) in front of a development setback ; or (c) if no development setback exists, within 32 metres of a watercourse , measured from the edge of a watercourse ; - excluding - (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves.		
			GNR 983 activity 13 - The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50000 cubic metres or more, unless such storage falls within the ambit of activity 16 in Listing Notice 2 of 2014.		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining, - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>GNR 983 activity 34 - The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions or pollution, excluding - (i) 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 the National Environmental Management: Waste Act, 2008 applies; or (ii) the expansion of or changes to existing facilities for the treatment of effluent, wastewater or sewage where the capacity will be increased by less than 15 000 cubic metres per day.</p> <p>GNR 984 activity 6 – The development of facilities or infrastructure for any process or activity which requires a permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding - (i) activities which are identified and included in Listing Notice 1 of 2014; (ii) activities which are 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 National Environmental Management: Waste Act, 2008 applies; or (iii) the development of facilities or infrastructure for the treatment of effluent, wastewater or sewage where such facilities have a daily throughput capacity of 2000 cubic metres or less.</p> <p>GN R 985 Activity 14 – The development of - (i) canals exceeding 10 square metres in size ; (ii) channels exceeding 10 square metres in size; CO bridges exceeding 10 square metres in size;(iv) dams, where the dam, including infrastructure and water surface area exceeds 10 square metres in size;(v) weirs, where the weir, including infrastructure and water surface area exceeds 10 square metres in size;(vi) bulk storm water outlet structures exceeding 10 square metres in size;(vii) marinas exceeding 10 square metres in size;(viii)</p>		

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, abutment facility, accommodation, equipment storage, sample storage, site office, access route etc. E.g. for mining - excavations, blasting, stockpiles, discard dumps / dams, Loading, hauling & transport, Water supply dams & boreholes, accommodation, offices, abutment, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.)	Aerial extent of the Activity Ha or m²	LISTED ACTIVITY (Mark with an X where applicable or affected).	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)	WASTE MANAGEMENT AUTHORITY (Indicate whether an authorisation is required in terms of the Waste Management Act). (Mark with an X)	APPLICABLE LISTING NOTICE (GNR 921) (and GNR 633 of 2015)
			<p>jeties exceeding 10 square metres in size;(x) slipways exceeding 10 square metres in size;(x) buildings exceeding 10 square metres in size;(xi) boardwalks exceeding 10 square metres in size; or(xii) infrastructure or structures with a physical footprint of 10 square metres or more; where such development occurs -(a) within a watercourse ;(b) in front of a development setback ; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p> <p>GN R 985 Activity 23 - The expansion of- (i) canals where the canal is expanded by 10 square metres or more in size; (ii) channels where the channel is expanded by 10 square metres or more in size;(iii) bridges where the bridge is expanded by 10 square metres or more in size;(iv) dams where the dam is expanded by 10 square metres or more in size;(v) weirs where the weir is expanded by 10 square metres or more in size;(vi) bulk storm water outlet structures where the structure is expanded by 10 square metres or more in size;(vii) marinas where the marina is expanded by 10 square metres or more in size;(viii) jetties where the jetty is expanded by 10 square metres or more in size;(ix) slipways where the slipway is expanded by 10 square metres or more in size;(x) buildings where the building is expanded by 10 square metres or more in size;(xi) boardwalks where the boardwalk is expanded by 10 square metres or more in size; or (xii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more;where such development occurs -(a) within a watercourse ;(b) in front of a development setback adopted in the prescribed manner; or(c) if no development setback has been adopted,within 32 metres of a watercourse ,measured from the edge of a watercourse ;excluding the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour.</p>		

6. PUBLIC PARTICIPATION

(Provide details of the public participation process proposed for the application as required by Regulation.)

Details of the Public Participation process to be followed.

6.1.1. IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED

IDENTIFICATION CRITERIA	Mark with an X where applicable	
	YES	NO
Will the landowner be specifically consulted?	X	
Will the lawful occupier on the property other than the Landowner be consulted?	X	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?		N/A
Will the landowners or lawful occupiers of neighbouring properties been identified?	X	
Will the local municipality be consulted?	X	
Will the Authority responsible for power lines within 100 metres of the area be consulted?	X	
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?	X	
Will authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted? (Specify)		N/A
Will the Provincial Department responsible for the environment be consulted?	X	
Will all of the parties identified above be provided with a description of the proposed mining /prospecting operation as referred above?	X	
Will all the parties identified above be requested in writing to provide information as to how their interests (whether it be socio-economic, cultural, heritage or environmental) will be affected by the proposed mining project?	X	
Other, Specify		

6.1.2. DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

Steps to be taken to notify interested and affected parties	PROVIDE DESCRIPTION HERE
<p>(Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as Appendix)</p>	<p>Identification of Interested and Affected Parties</p> <p>Potential IAPs were identified using existing databases for Bakubung Platinum Mine. The databases include regulatory authorities, traditional tribal authorities, tourist venues and surrounding mines. Additional people and/or organisations were registered as IAPs for the project if they:</p> <ul style="list-style-type: none"> • Are landowners or tenants adjacent to or within 100 m of the project, • Are the local municipality/ ward councillor with jurisdiction in the area, • Represent the ratepayers association, • Are an authority or organ of state having jurisdiction in respect of any aspect of the activity, • Respond to the BID, press advertisements and site posters, • Attend one of the Bakubung Mine Environmental Forum meetings, • Attend the Public Open Days, • Own, operate or administrate infrastructure affected by the project. <p>Notification of Landowners, Lawful Occupiers and IAPs</p> <p>IAPs were notified of the proposed project and the details of the Scoping and EIA process being undertaken through distribution of a Background Information Document (BID). Notifications to IAPs will be provided in English and Setswana.</p> <p>The BID was circulated via registered post, email and by hand to relevant authorities, IAPs and adjacent</p>

landowners. Copies of the BID were left at shops and public buildings in Phatsima, Ledig and Sun City.

The BID provided background information on the Project and an explanation of the Scoping and EIA process. The BID invited members of the public to register as IAPs and participate in the EIA process. A response sheet was attached to the BID on which IAPs could provide written comments on the proposed project.

IAPs were given a 30 day period to submit comments on the above in accordance with the EIA Regulations.

Notification of Authorities

The relevant provincial and local authorities were sent the BID and were invited to attend meetings to discuss the project. The authorities who were consulted are:

- North West Department of Mineral Resources (DMR)
- North West Department of Water & Sanitation (DWS)
- North West Department of Rural, Environment & Agricultural Development (NW READ)
- Rustenburg Local Municipality
- Moses Kotane Local Municipality
- Bojanala District Municipality
- North West Parks and Tourism Board and Pilanesberg Game Reserve
- Elands Hex River Water Forum
- Department of Health North West
- Department of Transport, Roads and Community Safety: North West
- Department of Rural Development and Land Reform: North West
- Department of Agriculture: North West
- South African Heritage Resources Agency

Media Advertisements and Site Notices

Press adverts were placed in the following newspapers:

- The Rustenburg Herald
- The Sowetan

Site notices (A2 size) were placed on the project sites. In addition to the A2 notices, several A3 notices were placed at areas where the public would see them – at local shops and community centres.

Public Open Days and Authority Meetings

Authorities meetings were held with the competent authorities and other commenting authorities.

Two public open days were held in Phatsima and Ledig respectively. The Open Days included posters explaining the project, EIA and WULA process. The posters were in English and Setswana and the EAP explained the posters in English or Setswana to members of the public who were interested in the project. The attendance registers, posters, notes and photographs of the open days were recorded.

Public Review of Scoping Report

The scoping report and summaries of the report will be made available for public review for 30 calendar days during September and October 2015. The report summary will be available in English, Setswana and Zulu. Copies of the report and summaries will be placed at the Phatsima Library, Bakubung Tribal Hall and the Wesizwe Community (Information) Centre. The report and summaries will also be made available electronically to IAPs on request.

Authority Review of Draft Scoping Report

	Copies of the scoping report will be distributed to commenting authorities for a 30 calendar day review period during September and October 2015. The reports will be circulated to authorities listed above.
Information to be provided to Interested and Affected Parties.	<p>Compulsory</p> <ul style="list-style-type: none"> • The site plan. • List of activities to be authorised • Scale and extent of activities to be authorised • Typical impacts of activities to be authorised (e.g.surface disturbance, dust, noise, drainage, fly rock etc.) • The duration of the activity. • Sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land)
	<p>Other, specify:</p> <ul style="list-style-type: none"> • EAP's contact details; • Enviro-legal information; • Environmental process.
Information to be required from Interested and Affected Parties.	<p>Compulsory</p> <ul style="list-style-type: none"> • To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions • To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity • To provide information on current land uses and their location within the area under consideration • To provide information on the location of environmental features on site and to make proposals as to how and to what standard the impacts on site can be remedied. IAPs are requested to make written proposals. • To mitigate the potential impacts on their socio economic conditions to make proposals as to how the potential impacts on their infrastructure can be managed, avoided or remedied.
	<p>Other, Specify</p> <ul style="list-style-type: none"> • IAP contact details; • Contact details of others who should be informed; • General comments and questions.

7. Description of the assessment process to be undertaken

ITEM	DESCRIPTION
<p>Environmental attributes.</p> <p>Describe how the Environmental attributes associated with the development footprint will be determined.</p>	<p>Note that Bakubung Platinum Mine is an existing operation with an existing authorised Environmental Management Programme. There is thus an existing database of specialist work that has been undertaken within the mining right area. This information has been reviewed and a gap analysis undertaken to determine additional specialist study requirements to adequately assess the baseline environment to be impacted on by the proposed Changes to Infrastructure at Bakubung Platinum Mine.</p>
<p>Identification of impacts and risks.</p> <p>(Describe the process that will be used to identify impacts and risks.</p>	<p>Specialist studies will focus on identifying sensitive environments, areas of conservation importance and potential significant impacts. Where necessary, scientific modelling will also be undertaken to identify the potential impacts of the Changes to Infrastructure at Bakubung Platinum Mine on the environment. This information will be used by the EAP in consultation with the relevant specialists to identify the impacts and risks of the project. Mitigation measures will be identified to enhance positive impacts and minimise negative impacts as far as practicable and definitely within acceptable limits.</p>
<p>Consideration of</p>	<p>Alternatives will be identified based on the findings of the scoping report and specialist studies.</p>

ITEM	DESCRIPTION
<p>alternatives.</p> <p>Describe how alternatives, and in particular the alternatives to the proposed site layout and possible alternative methods or technology to be applied will be determined.</p>	<p>Where the scoping assessment or specialist studies identify that the proposed layout will have a potential significant impact on sensitive features of the baseline environment, then the layout will be revised, where possible, from the original preferred layout to avoid or reduce the significance on the environment.</p> <p>Where the specialist studies identify that the proposed operations will have a significant impact on the environment, technology alternatives may be considered to mitigate such impacts and reduce these to acceptable levels, where applicable.</p>
<p>Process to assess and rank impacts.</p> <p>Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.</p>	<p>The potential impacts will be identified based on existing knowledge of the environment and its sensitivities as well as the outcomes of the specialist studies. The methodology to be followed to assess and rank the impacts will be in accordance with the Environmental Impact Assessment Regulations (GN 982 of 4 December 2014) and due consideration will be given to:</p> <p>(i) cumulative impacts (taking into consideration the existing impact of operations at Bakubung Platinum Mine);</p> <p>(ii) the nature, significance and consequences of the impact and risk;</p> <p>(iii) the extent and duration of the impact and risk;</p> <p>(iv) the probability of the impact and risk occurring;</p> <p>(v) the degree to which the impact and risk can be reversed;</p> <p>(vi) the degree to which the impact and risk may cause irreplaceable loss of resources; and</p> <p>(vii) the degree to which the impact and risk can be mitigated.</p>
<p>Contribution of specialist reports</p> <p>Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.</p>	<p>Specialist studies to be undertaken as part of this assessment include:</p> <ul style="list-style-type: none"> Heritage Impact Assessment Wetland Assessment Ecological Assessment Soil, land capability and land use Study Air Quality Impact Assessment Noise Impact Assessment Social Impact Assessment Traffic Impact Assessment Waste Assessment Geohydrology Study Hydrology Study <p>These reports will provide an updated description of the baseline environment and then the potential impact of the proposed Changes to Infrastructure at Bakubung Platinum Mine. Mitigation measures to reduce impacts are also provided. The EAP will draw in this information to provide a consolidated assessment of the impacts of the project on the environment, to identify alternatives to be included to reduce such impacts, as well as mitigation measures that can be put in place to reduce impacts.</p>
<p>Determination of impact management objectives and outcomes.</p> <p>Describe how impact management objectives will be determined for each activity to address the potential impact at source, and how the Impact management outcomes will be aligned with standards.</p>	<p>For each of the significant impacts of the proposed Changes to Infrastructure at Bakubung Platinum Mine, mitigation measures will be identified to reduce the impacts. The management objectives will focus on the implementation of the mitigation measures. Cognisance will be given to existing management practices at Bakubung Platinum Mine and where additional mitigation and management objectives are required, these will be added for implementation as part of the environmental management programme at the mine.</p>

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act		X		X
National Environmental Management: Biodiversity Act		X		X
National Environmental Management: Integrated Coastal Management Act		X		X
National Environmental Management: Protected Areas Act		X		X
National Environmental Management: Waste Act	X		X (this application)	
National legislation				
Mineral Petroleum Development Resources Act	X		X (this application)	
National Water Act	X			X (will be submitted when water studies are complete)
National Heritage Resources Act	X			X (will be submitted when heritage study is complete)
Others: Please specify				

Please provide proof of submission of applications in Appendix 5.

In the event that an authorization in terms of the National Environmental Waste Management Act is required for any of the activities applied for please state so clearly in order for such an authorisation to be considered as part of this application.

9. DRAFT EMPR

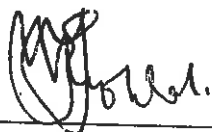
For consultation purposes, provide a high level approach to the management of the potential environmental impacts of each of the activities applied for.

PROJECT DESCRIPTION	ACTIVITIES (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)	PHASE (of operation in which activity will take place).	SIZE AND SCALE (of Disturbance) (volumes, tonnages and hectares or m ²)	TYPICAL MITIGATION MEASURES (Eg. storm water control, dust control, noise control, access control, rehabilitation etc..... etc.....)	COMPLIANCE WITH STANDARDS (A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)
Changes to infrastructure at the Bakubung Platinum Mine including: <ul style="list-style-type: none"> • Larger tailings dam • Increase in the capacity of the concentrator plant • 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 • Construction of erosion control measures • Storage and handling 	Stormwater Control	Construction and operation	Not applicable	Update of stormwater management plan for Bakubung Platinum Mine including containment of dirty water and re-use.	Compliance with Water Use Licence (WUL) and GN704 requirements
	Site clearance	Construction	Approx. 242.1 ha	Topsoil stripping and management Rehabilitation Plan Management of sensitive sites as identified	Permits for the removal of indigenous vegetation, protected plants to be in place. In accordance with WUL for wetlands and drainage lines. In accordance with National Heritage Resources Act for heritage sites as identified
	Disposal of additional waste rock	Operation	Approx. 5.7 ha	Protection of drainage and watercourses – stormwater management plan Ongoing rehabilitation for dust control Protection of groundwater	Compliance with WUL and GN704 requirements Compliance with existing and updated EMPR Compliance with NEMWA and Regulations Compliance with WUL and

PROJECT DESCRIPTION	ACTIVITIES (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc... etc... etc E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc... etc. etc.)	PHASE (of operation in which activity will take place). State, Planning and design, Pre-Construction, Construction, Operational, Rehabilitation, Closure, Post closure.	SIZE AND SCALE (of Disturbance) (volumes, tonnages and hectares or m ³)	TYPICAL MITIGATION MEASURES (Eg. storm water control, dust control, noise control, access control, rehabilitation etc.... etc....)	COMPLIANCE WITH STANDARDS (A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)
<ul style="list-style-type: none"> of dangerous goods • Pipeline and road crossings over watercourses • Sewage and water pipelines • Internal mine roads • Ventilation shafts and raise boreholes • Generators or possibly a solar power plant • Phase 1a of the Mine Housing • Salvage yard 	<p>Vehicle movement</p> <p>Fuel and other hydrocarbon handling and storage</p> <p>Waste production</p> <p>Increased Product Stockpiles</p> <p>Tailings storage facility</p> <p>Effluent production; Sewage sludge production</p> <p>Pollution control dams</p>	<p>All phases</p> <p>All phases</p> <p>All phases</p> <p>Operation</p> <p>Operation</p> <p>Operation</p>	<p>Not applicable</p> <p>Approx. 0.15 ha Volume = 737.5m³</p> <p>Approx. 0.62 ha</p> <p>Approx. 4.6 ha</p> <p>Approx. 170 ha</p> <p>Approx. 0.44 ha</p> <p>Approx. 4.2 ha with a volume of 78 000 m³</p>	<p>Dust control by chemical suppressant on main mine roads</p> <p>Spill management and control</p> <p>Inclusion in Bakubung Platinum Waste Management Plan</p> <p>Dust suppression</p> <p>TSF Management Plan</p> <p>Effluent management plan (re-use) Spill management Sludge to be managed</p> <p>Effluent management plan (re-use) Spill management</p>	<p>GN704</p> <p>Compliance with existing and updated EMPr</p> <p>Compliance with existing and updated EMPr</p> <p>NEMWA and Regulations.</p> <p>Compliance with existing and updated EMPr</p> <p>Compliance with NEMWA and regulations. Compliance with existing and updated EMPr Compliance with WUL and GN704</p> <p>In accordance with WUL</p> <p>Compliance with existing and updated EMPr Compliance with WUL and GN704</p>

10. CLOSURE PLAN

<p>In the space provided under each heading below, please provide a high level description of the plan for closure and the information that will be provided in the draft EMPr accompanying draft basic assessment report or environmental impact reports going forward.</p>	
<p>Baseline environment</p> <p>Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment</p>	<p>Bakubung Platinum Mine is an existing mine, however, still in the construction phase. There is thus an existing database of specialist work that has been undertaken within the mining right area. This information has been reviewed and a gap analysis undertaken to determine additional specialist study requirements to adequately assess the baseline environment to be impacted on by this proposed Changes to Infrastructure at Bakubung Platinum Mine.</p> <p>IAPs are continuously and will be specifically consulted as to current impacts that Bakubung Platinum Mine has on the environment.</p>
<p>Closure objectives</p> <p>Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>The closure objectives for Bakubung Platinum Mine are included in the existing authorised Environmental Management Programme. The closure objectives for the current changes will be in line with those within the existing Environmental Management Programme and recent Closure Plan (ERM, 2015).</p>
<p>Rehabilitation Plan</p> <p>Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, including the anticipated prospecting or mining area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.</p>	<p>Bakubung Platinum Mine has an existing authorised Environmental Management Programme/s (both under NEMA and MPRDA) including approved Rehabilitation Plans. The rehabilitation plan for the proposed Changes to Infrastructure at Bakubung Platinum Mine will be in line with those in the existing authorised Environmental Management Programmes for the mine.</p>
<p>Rehabilitation Cost</p> <p>Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof</p>	<p>Bakubung Platinum Mine will regularly update the rehabilitation costs and closure provision required for the mine in accordance with the requirements of the MPRDA. The rehabilitation cost for the additional activities will be costed and included as part of the assessment.</p> <p>The rehabilitation cost for the mine has not yet been calculated.</p>
<p>Decommissioning</p> <p>Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of either the cessation of the individual activity or the cessation of the overall prospecting or mining activity.</p>	<p>Bakubung Platinum Mine ascribes to continual rehabilitation where practical. Practically this can only be undertaken in areas that will not be used for the life of the operation. This includes sections of the waste rock dumps that can be rehabilitated when completed. Infrastructure areas will only be rehabilitated at the end of the life of mine.</p>



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

Bakubung Minerals (Pty) Ltd

Name of company (if applicable):

25/09/2015

Date:

**APPENDIX 4
DECLARATION OF THE EAP**

I, **Chiara Kotze**, declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

Hotze

Signature of the environmental assessment practitioner:

SLR Consulting Africa (Pty) Ltd

Name of company:

29/09/2015

Date

Appendix 1

Curriculum Vitae of the EAP

Chiara D'Egidio
Environmental Scientist



Curriculum Vitae

Qualifications

MSc	2012	Ecology, Environment & Conservation
BSc (Hons)	2009	Ecology, Environment & Conservation
BSc	2008	Zoology and Ecology, Environment & Conservation

Key Areas of Expertise

Key areas of Chiara's expertise are summarised below.

Water use licencing	Countrywide for a wide variety of mines, quarries and plants
Environmental impact assessments	Countrywide for a wide variety of operations
Auditing	Countrywide for mining and quarrying operations
Public participation processes	Countrywide for a wide variety of projects

Summary of Experience and Capability

Chiara has been working in the Environmental Impact Assessment sector since 2012; Chiara is an Environmental Scientist with SLR and is involved with a wide variety of major projects throughout South Africa for major operators in the minerals and waste industry. Chiara has been involved in projects related to underground mining, power lines, water management, waste management, waste-to-energy, electricity co-generation, tailings facilities, coke production, ferrosilicon production and char production. Chiara has also been involved with Contamination Assessments, Water Use Licence (WUL) and Environmental Management Programme (EMP) audits and performance assessments.

Chiara has compiled proposals for a wide variety of projects and has assisted with the management and budgeting of projects.

Prior to joining Synergistics Environmental Services (now part of SLR) in 2012, Chiara obtained a Master's degree from the University of the Witwatersrand where she focused on the space use of four different species investigating how previous spatial restrictions affected subsequent space use in enlarged areas.

Recent Project Experience

Key aspects of Chiara's recent project experience are summarised below.

Project	Date	Chiara's Role
Evander Gold	2014	Environmental Application, Report Writing, Public Participation Processes,
Alexander Concept Project	2013 2014	Specialist Management, Project Management, Budgeting, Project Scheduling, Public Participation Processes
Kalkaar Solar Power Plant Project	2014	Environmental Baseline Report Writing
Char EA Amendment	2014	Project Management, Application Process, Report writing
Grootegeeluk Superfines Disposal Facility	2014	Public Participation Processes
Market Coke Accommodation Camp	2013 2014	Public Participation Processes, Specialist Management
Langverwacht and Sunnyside	2014	EMP Performance Assessment Audit
Lafarge Quarry Performance Assessment	2014	EMP Performance Assessment Audit
Dingleton	2014	Protected tree applications
Relocation of a 275kV power line	2014	Water Use Licence, Technical Report
Dingleton Resettlement	2013	Water Use Licencing, IWWMP
Pilansberg Platinum Mine	2013	Water Use Licencing, IWWMP
Kolomela Consolidation	2013	Basic Assessments, Public Participation Processes
Southern Hubb Project	2013	Basic Assessment, Specialist management, Heritage Permit Applications
Total SA	2013	Contamination Assessments for Total South Africa
FerroAlloys Expansion Project	2013	Basic assessment, Public participation process (PPP), Assistance with project management, Budget control
Chloorkop Municipal Solid Waste to Energy Project	2012 2013	Assistance with PPP
Inyanda Mine GN704, EMP and WUL audit	2013	Proposal, Project planning and management, EMP audit, WUL audit
Market Coke and Co-generation Plant Project	2012 2013	WUL applications, IWWMP, AEL application, Assistance with EIA, Assistance with project management, Budget control, PPP
Char Manufacturing Plant Expansion Project	2012 2013	WUL application, IWWMP, AEL application, Assistance with EIA, WML, Assistance with project management, Budget control, PPP

Project	Date	Chiara's Role
Lafarge Quarries: Mpumalanga	2012 2013	Project planning and management, EMP audits
Chloorkop Waste Management Licence	2012	Waste Impact Report, PPP
Lafarge Quarries: Polokwane	2012	Assisted with site audit
Fairview Mine	2012	WUL technical report, Assisted with EIA
Mpophomeni Pipeline	2012	PPP, Assisted with basic assessment report
Boschmanskrans Extension Project	2012	PPP

Publications

2012 - D'Egidio, C. Space use following restricted space availability in two mammals and two arthropods. *To be published.*

Appendix 2

Proof of Payment of Application Fee



Proof of payment

Date: 29/09/2015 Time: 2:01:59 PM	
Profile name:	SLR CONSULTING (AFRICA) (PTY) LTD
Batch reference number:	379864756
Payment reference number:	00000000903326203
Payment date:	29/09/2015
Payment capture date:	29/09/2015
Payment authorise date and time:	29/09/2015 02:01:52 PM
From account name:	SLR CONSULTING (AFRICA) PTY LT
From account description:	SLR Consulting Africa
From account statement description:	Department of Mineral Resource
Beneficiary account number:	4059160572
Beneficiary name:	Department of Mineral Resources
Beneficiary statement description:	NW30/5/1/2/2/339
Branch code:	632005
Amount:	15,000.00
Real-time:	No
Additional comments by payer:	

View your account to confirm that you have received this payment.

- All payments are subject to clearing rules.

Please refer to landing page for cut off times and telephone numbers.

Profile name: SLR CONSULTING (AFRICA) (PTY) LTD
Profile number: 4000081418

User name: YVETTE RAATHS
User ID: 6

Small Business Services: 0860 116 400
Business Banking: 0860 111 055
Corporate Banking: 0860 102 187

Appendix 3

**Copies of Environmental Authorisations obtained for the
same property**

- 3 The construction of an access road that is wider than 4 metres or that has a reserve wider than 6 metres excluding roads that fall within the ambit of another listed activity or which are access roads of less than 30 metres long (listed activity 15) and;

GN. No. R. 387 of 21 April 2006:

4. The construction of facilities or infrastructure, including associated structures or infrastructure, for:
- 4.1 any process or activity which requires a permit or licenses in terms of legislation governing the generation or release of emissions, pollution effluent or waste and which is not defined in Government Notice No. R. 386 of 2006 (listed activity 1e);
- 4.2 the treatment of effluent, wastewater or sewage with an annual throughput capacity of 15 000 cubic metres or more (listed activity 1p);
- 5 any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more (listed activity 2);
- 6 the construction of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher or where the highest water mark of the dam covers an area of 10 hectares or more (listed activity 6).

refers to Westzwe Platinum Mine and associated infrastructure on the farms Frishgewaagd 96 JQ (remaining extent of portion 1, portion 3, 4, 11), Ladig 908 JQ (portions 3, 4, 6, 7 and remaining extent) and Mimosa 81 JQ (remaining extent), respectively, Moses-Kotane and Rustenburg Local Municipalities, North West Province.

Enclosed please find the Environmental Authorisation and the conditions under which your application is authorised.

Formal appeals regarding the authorisation can be directed to the MEC for Agriculture, Conservation and Environment, North West Province. Such an appeal must be lodged in terms of chapter 7 of the regulations.

Yours Faithfully,



Mr. Tshepo Moremi
Chief Director: Environmental Services
Department of Agriculture, Conservation and Environment

Date: 21/11/2008
 Co: TWP- Environmental Solutions
 Contact person: Ms Bianca Meyer
 Fax No.: (011) 356 7500
 Tel. No.: (011) 356 7300

Moses - Kotane Local Municipality
Mr. G. J Moetsho (Municipal Manager)
 Tel No.: (014) 555 6289
 Fax No. : (014) 555 7064

Rustenburg Local Municipality
Mr. A.J.F Boschhoff (Municipal Manager)
 Tel No.: (014) 590 3300
 Fax No. : (014) 590 3003

Department of Water Affairs and Forestry
Regional Director- North West - Mr. C.M Lobakeng
 Tel No.: (018) 384 3270
 Fax No.: (018) 382 2298

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A. DEFINITIONS

"activity" means an activity identified-

- (a) In Government Notice No. R386 and No. R. 387 of 2006 as a listed activity; or
- (b) in any other notice published by the minister or MEC in terms of section 24D of the Act as a listed activity or specified activity.

"associated structures or infrastructure" means any building or infrastructure that is necessary for the functioning of a facility or activity or that is used for an ancillary service or use from the activity.

"construction" means the building, erection or expansion of a facility, structure or infrastructure that is necessary for the undertaking of an activity, but excludes any modification, alteration or upgrading of such facility, structure or infrastructure that does not result in a change to the nature of the activity being undertaken or an increase in the production, storage or transportation capacity of that facility, structure or infrastructure.

"public participation process" means a process in which potential interested and affected parties are given an opportunity to comment on, or raise issues relevant to, specific matters.

"registered interested and affected party", in relation to an application, means an interested and affected party whose name is recorded in the register opened for that application in terms of Regulation 57.

"the Act" means the National Environmental Management Act, 1998 (Act No. 107 of 1998);

"the Department" means the Department of Agriculture, Conservation and Environment

"the Regulations" means the Environmental Impact Assessment Regulations, 2006.

B. ENVIRONMENTAL AUTHORISATION

DECISION IN TERMS OF SECTION 24(2)(a) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998, (AS AMENDED) AND ENVIRONMENTAL IMPACT ASSESSMENT REGULATION 2006 (REGULATION 37) WITH REGARD TO THE UNDERTAKING OF THE ACTIVITY DESCRIBED BELOW AS REQUIRED BY GOVERNMENT NOTICE NO. R 385 OF 21 APRIL 2006

1. REFERENCE NUMBER: NWP/EIA/171/2007
2. BRIEF DESCRIPTION OF ACTIVITY

The authorized activities entail the construction of:

- slimes dam;
- above ground diesel tank;
- transportation of water and storm water;
- distribution of electricity;
- dam and reservoir for water storage;
- temporary storage or treatment of general waste; and
- temporary storage of hazardous waste,
- helicopter landing pad
- access roads and internal road network

The total area for development is as follows:

- Frischgewaagd 96 JQ = 792.28 ha
- Ledig 909 JQ = 709.80 ha, and
- Mimosa 81 JQ = 984.87 ha

The total area for this development is 2566.95 Hectares.

3. LOCATION

The site is located on the farms Frischgewaagd 96 JQ (remaining extent of portions 1, portion 3, 4, 11), Ledig 909 JQ (portions 3, 4, 6, 7 and remaining extent) and Mimosa 81 JQ (remaining extent) respectively, Moses-Kotane and Rustenburg Local Municipalities, North West Province. The Co-ordinates of these developments are:

- Frischgewaagd 96 JQ - Latitude - 25° 22' 58" S and Longitude - 27° 04' 30" E
- Ledig 909 JQ - Latitude - 25° 22' 07" S and Longitude - 27° 04' 20" E, and
- Mimosa 81 JQ - Latitude - 25° 24' 08" S and Longitude - 27° 01' 40" E

4. APPLICANT

Bakubung Minerals (Pty) Ltd on behalf of Wesizwe Platinum Limited
 Private Bag X 16
NORTHLANDS
 2107
 Contact Person: Charles Sambo
 Tel No: (011) 215 2373
 Fax No: (011) 268 6885

5. ENVIRONMENTAL ASSESSMENT PRACTITIONER

TWP Environmental Solutions
 P.O Box 61232
MARSHALLTOWN
 2107
 Contact Person: Bianca Meyer
 Fax No: (011) 358 7500
 Tel No.: (011) 358 7300

6. SITE VISIT

A site visit was conducted by Mr. Ithuteng Sebastian Dleko of this Department with Ms. Michele Louw of Wesizwe Owners team, Ms. Lucy Ecolaw of Wesizwe, Ms. Bianca Meyer of TWP Environmental Solutions and Mr. Raymond Keitsemore of Wesizwe Platinum on the 11th of September 2007.

- 7.2.2 The site notice was erected within the vicinity of the project area and advertised in Rustenburg Herald of the 20th of July 2007 and Daily Sun of the 18th of July 2007.
- 7.2.3 Comments received from interested and affected parties as included in the Environmental Impact Assessment Report.
- 7.2.4 The objectives and requirements of relevant legislation (section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998), policies and guidelines
- 7.2.5 The findings of the site visit undertaken by Mr. Khuteng Sebastian Dizeko of this Department and with Ms. Michele Louw of Wesizwe Owners team, Ms. Lucy Ecolaw of Wesizwe, Ms. Bianca Meyer of TWP Environmental Solutions and Mr. Raymond Ketsemore of Wesizwe Platinum on the 11th of September 2007.

7.3. KEY FACTORS CONSIDERED IN MAKING THE DECISION

All information presented to the Department was taken into account in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) Environmental issues identified and mitigation measures of environmental impacts prescribed and outlined in the Environmental Management Plan, and
- b) Public participation process as prescribed under Chapter 6, regulation 56 of Government Notice R 385 promulgated in terms of the National Environmental Management Act, No. 107 of 1998.

7.4. FINDINGS

After consideration of the information and factors listed above, the Department made the following findings -

- a) The possible impacts on archaeological, cultural and social features were addressed adequately, and
- b) All issues raised by interested and affected parties were addressed to their satisfaction; and
- c) Development and location alternatives were investigated thoroughly.
- d) The findings of the specialist studies below indicates that the development will not affect the environment negatively:
 - The Surface Water Study report compiled by Inprocon Consultants cc, dated March 2008 in Appendix D of the EIA report indicated that the proposed shaft and plant area/ complex and tailing facility will be sited outside any watercourse and floodplains and virtually no impact on the drainage lines and general drainage pattern in the vicinity of the site are expected;
 - The Geohydrological Evaluation report compiled by Africon Engineering International, dated March 2008 in the Appendix E of the EIA report indicates that,

- (i) the plume migration as a result of hydraulic gradient and low hydraulic conductivities, in the shaft area is expected to be slightly less than in the tailings dam area (~ 220 metres over 15 years or 15 m/year),
 - (ii) excessive lowering (> 5 metres) of the groundwater table will be confined to an area of about 700 metres around the shaft area.
- The Air Quality Report compiled by Ecoserv (Pty) Ltd, dated August 2007 in Appendix F of the EIA report indicated that,
 - (i) the maximum predicted hourly PM₁₀ concentrations are well below the national daily standard and the SANS daily guideline,
 - (ii) the carbon dioxide emissions from underground vehicles are less than that from above ground vehicles, but these emissions from underground vehicles are still quite high, this is due to the number and the high mileage of the underground vehicles, and
 - (iii) the high levels of dust especially in Ledig East and Sekunjalo, though if mitigated the impact will be significantly reduced.
 - The Noise Impact Assessment report compiled by Jongens Keet Associates, dated January 2008 in the Appendix G of the EIA report indicated that the general noise climate from the urbanised area and main roads(which are the main sources of noise) are very quiet, the levels will only be exceeded once when the shaft sinking commences;
 - Ground vibration and Airblast Study compiled by J.D Zeeman, dated May 2007 in the Appendix H of the EIA report indicated that the expected levels of ground vibration will be low, however, airblast should be controlled to reduce the possible impacts ;
 - Biological Assessment report compiled by Golder Associates Africa (Pty) Ltd, dated August 2007 in the Appendix I of the EIA report could not identify any protected or red data species on the proposed site;
 - The Heritage Impact Assessment report (phase 2) compiled by Matakoma-ARM Heritage Contracts Unit , dated 11 August 2008 could not identify any archeological deposits except on site MHC002 of which destruction permit has been lodged with the South African Resources and Heritage Agency;
 - The Social Impact Assessment report compiled by Parisseuo Consulting cc, dated April 2008 in the Appendix M of the EIA report indicated that 90% of the workforce during the shaft sinking will be provided by mining contractor and the 10% of the workforce will be permanent employees of Wesizwe;
 - The Traffic Impact Study conducted by Traffirans (Pty) Ltd, dated March 2008 in the Appendix N of the EIA report acknowledges the impact that this development will have on the R 565 and R 556, however, the introduction of a traffic circle at the intersection with a left turn slip lane on the eastern approach would alleviate the traffic problem along these routes, and

- Wasizwe is a black-owned; community based mining company with the largest shareholder being the Bakubung - Ba- Ratheo Community in Ledi.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the authorised activity can be mitigated to acceptable levels.

The granting of this authorisation is subject to the following conditions set out below:

8. CONDITIONS

8.1. STANDARD CONDITIONS

- 8.1.1 Authorisation of these activities are subject to the conditions contained in this authorisation, which forms part of the environmental authorisation and are binding on the holder of the authorisation.
- 8.1.2 The holder of the authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the authorisation.
- 8.1.3 The activities which are authorised may only be carried out at the properties indicated above (paragraph 3).
- 8.1.4 Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.
- 8.1.5 These activities must commence within a period of two (2) years from the date of issue. If commencement of the activity / activities does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
- 8.1.6 If the proponent anticipates that commencement of the activities would not occur within two (2) year period, he / she must apply and show good cause for an extension of the Environmental Authorisation etc (6) months prior to its expiry date.
- 8.1.7 A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be produced to any authorised governmental official(s) who may requests to see it for inspection purposes and must be made available to the contractor(s) / subcontractor (s) authorised to undertake work at the property.
- 8.1.8 Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/ or telephonic details, the applicant must in writing notify the Department within reasonable time.
- 8.1.9 This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

8.2 SPECIFIC CONDITIONS**8.2.1 COMMISSIONING OF THE ACTIVITIES**

- 8.2.1.1 An Environmental Management Plan must be kept on site and contractors must comply with all mitigation measures stipulated in the Environmental Management Plan.
- 8.2.1.2 Fire fighting measures must be in place to control any spread of fire.
- 8.2.1.3 Visible road signage indicating the presence of heavy vehicles must be placed at least 500m before, on either side of the mine site access road intersections with the R 565 and R 566.
- 8.2.1.4 Sites (MHC017 and MHC024) as having graves present must be fenced off for protection and the appropriate buffer zone around the graves of at least ten metres must be observed.
- 8.2.1.5 Site (NHC021) indicating an unmarked grave must be fenced off, and if decision be taken to relocate the unmarked grave, necessary application for permit must be lodged with the South African Heritage Resources Agency and the permit must be submitted to this Department for monitoring purposes.
- 8.2.1.6 Site MHCOO2 classified as part of the Olfantepoort ceramic must not be destroyed until the necessary permit is obtained from the South African Resources Agency.
- 8.2.1.7 No water use activities should commence without a water use authorisation issued in terms of Chapter 4 of the National Water Act, 1998 (Act No. 36 of 1998).
- 8.2.1.8 No surface or ground-water must be polluted due to any activity on the property or site. The relevant requirements of the National Water Act, 1998 (Act No. 36 of 1998) must be complied with at all times; including flood lines, water uses, etc.
- 8.2.1.9 Stormwater from stockpiling must be diverted so as it does not pollute the water bodies in the area.
- 8.2.1.10 Erosion must be controlled as specified in the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983).
- 8.2.1.11 Weeds and invader plants that are declared in terms of the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983) must be controlled as specified in the Act. All alien plant species must be removed and controlled.
- 8.2.1.12 Plants that are protected in terms of legislation, for instance the Transvaal Nature Conservation Ordinance, No. 12 of 1983, must not be removed unless authorised by the Director: Biodiversity Management and Conservation of this Department.
- 8.2.1.13 Should any archaeological artifact be exposed during foundation excavation, the construction in the vicinity of the finding must be stopped. Under no circumstances shall any artifact be destroyed. Such an archaeological site must be marked and fenced off, and South African Heritage Resource Agency must be contacted within forty eight (48) hours.
- 8.2.1.14 Chemical toilets facilities must be made available during construction phase and must be maintained on a weekly basis.

- 8.2.1.15 General waste generated during construction must be stored in appropriate container and disposed of at the local permitted waste disposal site.
- 8.2.1.16 The dust must be suppressed by spraying water on a daily basis, except during rainy seasons during construction.
- 8.2.2 OPERATION OF THE ACTIVITIES**
- 8.2.2.1 General waste generated during operation must be stored in appropriate containers and disposed of at the local permitted waste disposal site.
- 8.2.2.2 The storm water ways must be kept clean of debris.
- 8.2.2.3 Ventilation fans must be erected to ensure directional ventilation along with prevailing winds and away from communities.
- 8.3 MANAGEMENT OF THE ACTIVITIES**
- 8.3.1 The Environmental Management Plan ("EMP") submitted as part of the application for environmental authorisation must be adopted and implemented.
- 8.3.2 The applicant must appoint an Environmental Control Officer (ECO) to ensure that the conditions stipulated in this Environmental Authorisation and mitigation measures contained in the Environmental Management Plan (EMP) are complied with. The name and the contacts details of such officer must be forwarded to this Department at least two (02) weeks prior to construction taking place.
- 8.4 RECORDING AND REPORTING TO THE DEPARTMENT**
- 8.4.1 A dust monitoring program must be implemented prior to the commencement of construction and must be monitored quarterly and the results thereof be submitted to the Directorate: Environmental Management and Protection on a quarterly basis.
- 8.4.2 Hazardous waste must be disposed off at the permitted hazardous waste disposal site. The service level agreement for hazardous waste disposal and/or recycling must be provided to this Department 6 (six) months after commencement of the activities.
- 8.4.3 The hazardous substance tank installations must comply with the relevant SANS/SABS standards. Proof of compliance with these standards must be reported upon request. The type of fuel and capacity of hazardous fuel storage tanks on site must be reported to the Directorate: Environmental Management and Protection 6 (six) months after commencement of the activities.
- 8.4.4 The sewage treatment facilities plans and designs must be approved by the Department of Water Affairs and Forestry. The capacity of the sewage treatment plant must be recorded and provided to this Department upon request.
- 8.5 SITE CLOSURE AND DECOMMISSIONING OF THE ACTIVITIES**
- 8.5.1 Closure of the mine must comply with the requirements of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).

8.6 MONITORING

- 8.6.1 This Department reserves the right to monitor and audit the authorised activities throughout their life cycles to ensure compliance with legislation and the conditions stipulated in this authorisation.
- 8.6.2 All conditions (i.e. mitigation measures and other recommendations) stipulated in the Environmental Management Plan must be adhered to.
- 8.6.3 An independent Environmental Control Officer (ECO) must be appointed to ensure that the monitoring programme is being complied to and all records are submitted to this Department and other authorities upon request.

8.7 NON-COMPLIANCE CONDITIONS

- 8.7.1 In the event of non-compliance by any contractor during the construction of the authorised activity, the holder / applicant of this authorisation will be liable.
- 8.7.2 The holder / applicant shall be responsible for all costs necessary to comply with the above conditions unless otherwise specified.
- 8.7.3 The holder must in the event of non-compliance with any condition of this authorisation inform the Director, Environmental Management and Protection of this Department, in writing, within 48 hours.
- 8.7.4 Records relating to compliance and non-compliance with the conditions of this authorisation must be kept in good order. Such records shall be made available to this Department within seven (7) days of receipt of a written request by the department. Environmental compliance will further be monitored through complaints received from the public.
- 8.7.5 Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998, (section 24F (2)) and Regulation 81(d).


9 APPEAL OF AUTHORISATION

- 9.1 The holder of the authorisation must notify every registered interested and affected party, in writing and within 5 (five) days, of receiving the Department's decision.
- 9.2 The notification referred to in 9.1 must –
- 9.2.1 Specify the date on which the authorisation was issued;
- 9.2.2 Inform the registered interested and affected party of the appeal procedure provided for in Chapter 7 of the regulations.
- 9.2.3 Advise the interested and affected party that a copy of the authorisation and reasons for the decision will be furnished on request.
- 9.2.4 An appeal against the decision must be lodged in terms of chapter 7 of the Regulations from the date of this authorisation, with:

**The Member of the Executive Council
Department of Agriculture, Conservation and Environment
Private Bag x 2039
MMABATHO
2735
Tel No.: (018) 380 5111
Fax No.: (018) 384 2879**

10. ISSUED BY:

**Mr. Tshepo Moremi
Chief Director: Environmental Services
North West Department of Agriculture, Conservation and Environment**

Signature:  Date: 21/11/2008

ANNEXURE 1

APPEAL PROCEDURE IN TERMS OF CHAPTER 7 OF GN. NO. R. 385 OF 21 APRIL 2006 TO BE FOLLOWED BY THE APPLICANT, AND INTERESTED AND AFFECTED PARTIES UPON RECEIPT OF NOTIFICATION OF AN ENVIRONMENTAL AUTHORISATION

Application of this Chapter

- 60.** (1) This Chapter applies to decisions that --
- (a) are subject to an appeal to the Minister or MEC in terms of section 43 (1), (2) or (3) of the Act; and
 - (b) were taken by an organ of state acting under delegation in terms of section 42 or 42A of the Act in the exercise of a power or duty vested by the Act or these Regulations in a competent authority.

Notices of intention to appeal

62. (1) A person affected by a decision referred to in regulation 60 (1) who wishes to appeal against the decision, must lodge a notice of intention to appeal with the Minister, MEC, or delegated organ of state, as the case may be, within 10 days after that person has been notified in terms of these Regulations of the decision.

(2) If the appellant is and applicant, the appellant must serve on each person and organ of state which was a registered interested and affected party in relation to the applicant's application-

- (a) a copy of the notice referred to subregulation (1); and
- (b) a notice indicating where and for what period the appeal submission will be available for inspection by such person or organ of state.

(3) If the appellant is a person other than an applicant, the appellant must serve on the applicant-

- (a) a copy of the notice referred to subregulation (1); and
- (b) a notice indicating where and for what period the appeal submission will be available for inspection by the applicant.

(4) The Minister, MEC or delegated organ of state, may, as the case may be, in writing, on good cause extend the period within which a notice of intention to appeal must be submitted.

Submission of appeals

- 63.** (1) An appeal lodged with-
- (a) the Minister must be submitted to the Department of Environmental Affairs and Tourism;
 - (b) the MEC must be submitted to the provincial department responsible for environmental affairs in the relevant province or
 - (c) the delegated organ of state, where relevant, must be submitted to that delegated organ of state.

- (2) An appeal must be-
- (a) on an official form published by or obtainable from the relevant department; and

- (b) accompanied by-
- (i) a statement setting out the grounds of appeal;
 - (ii) supporting documentation which is referred to in the appeal and which is not in the possession of the Minister, MEC or delegated organ of state;
 - (iii) a statement by the appellant that regulation 62 (2) or (3) has been complied with together with copies of the notices referred to in that regulation; and
 - (iv) the prescribed appeal fee, if any.
- (3) When submitting an appeal, the appellant must take into account any guidelines applicable to appeals.

Time within which appeals must be lodged

64. (1) An appeal must be submitted to the relevant department within 30 days of the lodging of the notice of intention to appeal referred to in regulation 62 (1).

(2) The Minister, MEC or delegated organ of state, as the case may be, may, in writing, on good cause extend the period within which an appeal must be submitted.



water & forestry

Department:
Water Affairs and Forestry
REPUBLIC OF SOUTH AFRICA

Private Bag X352, Hartbeespoort, 0216
Tel: (012) 253 1026, Fax: (012) 253 1026, www.dwaf.gov.za

FAX COVER SHEET

DATE:

09 July 2010

TO:	Cathy Theron
ORGANISATION:	Wesizwe Platinum Limited
FAX:	011 782 2314
FROM:	Sebenzile Ntshangase
TEL:	012 253 1026
FAX:	012 253 1026
E-MAIL:	Ntshangases@dwaf.gov.za
NO PAGES:	13 including cover page

SUBJECT:

MESSAGE:

Good Morning

Attached please find a licence for wesizwe.

Regards


Signature



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

Reference No: 18/2/71A220/C366

Licence No: 26064730

BY REGISTERED MAIL

Private Bag X313, Pretoria 000, Sedibeng Building, 185 Schoeman Street, Pretoria Tel: 012 336 7500 Fax: 012 323-44 72/ 012 326-2715

LICENCE IN TERMS OF CHAPTER 4 OF THE NATIONAL WATER ACT, 1998 (ACT NO 36 OF 1998) (THE ACT)

I, **Deborah Gabaakelwe Mochotlhi**, in my capacity as Project Manager: Letsema, in the Department of Water Affairs by the powers delegated to me by the Minister of Water Affairs and Environmental Affairs, hereby authorise the following water uses in respect of the licence issued herewith..

SIGNED: DATE: 20/05/2010

LICENCE NO: 26064730

1. **Water User:** **Wesizwe Platinum Limited**
- Postal Address of applicant:** Private Bag X16
Northlands
2116

2. **Water uses**
 - 2.1 **Section 21(a) of the Act:** Taking of water from a water resource, subject to the conditions set out in Annexures I and II
 - 2.2 **Section 21(f) of the Act:** Discharging waste or water containing waste into a water resource, subject to the conditions set out in Annexures I and III.
 - 2.3 **Section 21(g) of the Act:** Disposing of waste in a manner which may detrimentally impact on a water resource, subject to the conditions as set out in Annexures I and III.
 - 2.4 **Section 21 (j) of the Act:** Removing, discharging or disposing of water found underground, subject to the conditions set out in Appendices I and VII.

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3. Property on which the uses will be exercised**Frischgewaagd 91 JQ Portion 11****4. Registered owner of the Property**

4.1 Pieter Gerhardus Jacobus Koornhof

5. Licence and Review Period

This licence is valid for a period of thirty five (35) years from the date of issuance and it will be reviewed every five (5) years.

6. Definitions

"Any terms, words and expressions as defined in the National Water Act, 1998 (Act 36 of 1998) shall bear the same meaning when used in this licence".

"The Department" means the Department of Water Affairs \

"The Regional Chief Director" means the Regional Chief Director: North West, Department of Water Affairs, Private Bag X 357, Hartbeespoort, 0216.

"Regulation GN 704" refers to the regulations on use of water for mining and related activities aimed at the protection of water resources made in terms of section 26 of the Act and promulgated under GN 704 of 4 June 1999 and published in Government Gazette No. 20119.

"Report" refers to the following documentation as well as communications (emails, letters, verbal, etc) related thereto:

- a) "Water Use License Application- Integrated Water Management Plan dated November 2008 for "Wesizwe Platinum Limited" as compiled by TWP Environmental Services (Pty) Limited; includes other and communication such as (emails, letters, verbal, etc) related thereto.

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ANNEXURE I
CONDITIONS FOR ALL WATER USES

1. The responsibility for complying with the provisions of the license is vested in the licensee and not any other person or body.
2. The licensee shall immediately inform the Regional Chief Director of any change of name, address, premises and/or legal status.
3. If the property mentioned in Clause 3 above is subdivided, sold or consolidated, the owner(s) of the new property (ies) must enter into a written mutual agreement and notify this Department or the responsible authority within 60 days after the said transaction took place.
4. If a Water User Association is established in the area to manage the resource, membership of the licensee to this association is compulsory and rules, regulations and water management stipulations of the association must be adhered to.
5. The licensee shall be responsible for any water use charges or levies imposed from time to time by a responsible authority or Department in terms of the Raw Water Pricing Strategy, Waste Discharge Charges, Water Resource Management Charge of the Department, or any other water charge or levies that might be imposed in terms of the appropriate legislation.
6. The licensee shall be responsible for appointment of a Responsible Person (s) who will give effect to the various license conditions and to ensure compliance thereof.

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ANNEXURE II**Section 21 (a) of the Act: Taking water from a water resource**

1. This licence authorises the taking of a maximum quantity of one hundred and fifty seven thousand six hundred and eighty (157 680) cubic meter (m³) of water per annum from underground on portion 11 of the farm Frischgewaagd 91 JQ, based on a daily maximum abstraction of four hundred and fifty seven cubic metres (457 m³) for re-use in the mining poperations.
2. The quantity of water authorised to be taken in terms of this licence may not be exceeded.
3. This licence does not imply any guarantee that the said quantities and qualities of water will be available at present or at any time in the future.
4. The abovementioned volume may be reduced when the licence is reviewed.
5. The licensee shall continually investigate new and emerging technologies and put into practice water efficient devices or apply technique for the efficient use of water containing waste, in an endeavour to conserve water at all times.
6. No water taken may be pumped, stored, diverted, or alienated for purposes other than intended in this licence, without written approval by the Minister or his/her delegated nominee.
7. The licensee shall be responsible for any water use charges or levies, which may be imposed from time to time by the Department or responsible authority in terms of the Department's Raw Water Pricing Strategy.
8. The Department accepts no liability for any damage, loss or inconvenience, of whatever nature, suffered as a result of:
 - 8.1 shortage of water
 - 8.2 inundations or flood
 - 8.3 siltation of the resource; and
 - 8.4 required reserve releases.
9. The licensee shall establish and implement a continual process of raising awareness amongst itself, its workers and stakeholders for the need to for WC/WDM.
10. The licensee must install and monitor appropriate water measuring devices to measure the amount of water abstracted from the resource. The licensee must ensure that these measuring devices are properly maintained and in good working order and must be easily accessible. The licensee must further follow a programme of checking and calibrating these measuring devices. All water taken from the resource must be measured, recorded and reported as follows:

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- /
- 10.1 The daily quantity of water taken must be metered or gauged and the total recorded at the last day of each calendar month; and
- 10.2 The licensee must keep record of all water taken and a copy of the records must be forwarded to the Regional Chief Director: on or before 25 January and 25 July of each year.
12. The licensee shall establish a programme of formal Information Management System, which maintains a database on water supply, distribution and delivery infrastructure.
13. The licensee shall establish and implement a continual process of raising awareness amongst itself, its workers and stakeholders for the need to for WC/WDM.
14. The licensee shall provide any water user whose water supply is impacted by the water use with potable water.
15. The quantity of water removed from underground must be metered and recorded on a daily basis.
16. The impacts of the development to groundwater must be assessed and quantified in details.
17. Groundwater monitoring programme must be initiated soon after the mining commenced and the reports must be forwarded monthly to the responsible authority.

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ANNEXURE III**Section 21 (g) of the Act: Disposing of waste in a manner which may detrimentally impact on a water resource****1. CONSTRUCTION AND OPERATION**

- 1.1 The licensee shall carry out and complete all the activities, including the construction and operation of the Waste Rock Dump, Settling Dams, Pollution Control Dams, and Sewage Holding Tank, according to the Report and according to the final plans as approved by the Regional Chief Director.
- 1.2 The designs for the tailings dams, waste water treatment plant and the waste rock dump must be forwarded to this Office for the approval before the construction activities can commence.
- 1.3 The construction of the facilities in 1.1 above must be carried out under the supervision of a professional Civil Engineer, registered under the Engineering Profession of South Africa Act, 1990 (Act 114 of 1990), as approved by the designer.
- 1.4 The licensee shall submit a set of as-built drawings to the Regional Chief Director after the completion of the facilities in 1.1 above.
- 1.5 The above facilities shall be operated and maintained to have a minimum freeboard of 0.8 metres above full supply level and all other water systems related thereto shall be operated in such a manner that it is at all times capable of handling the 1:50 year flood-event on top of its mean operating level.
- 1.6 The licensee shall use acknowledged methods for sampling and the date, time and sampler must be indicated for each sample.
- 1.7 Flow metering devices shall be maintained in a sound state of repair and calibrated by a competent person at intervals of not more than once in two years. Calibration certificates shall be available for inspection by the Regional Chief Director or his representative upon request.
- 1.8 The licensee must ensure that the agreement between a service provider and the WPL for the operation of the modular sewage tank is sent to the Department six months after the issuance of this licence.

2. STORAGE OF WATER CONTAINING WASTE

- 2.1 The Licensee is authorised to dispose maximum quantity of waste water in the dam(s) at the Farms as indicated in the table 1 below

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Table 1:

Disposal Facility	Quantity (m ³)/a or t/a	Farm name
Waste Rock Dump	8 000	Frischgewaagd 91 JQ, Portion 11
Settling ponds	80 000	Frischgewaagd 91 JQ, Portion 11
Pollution control dam	280 000	Frischgewaagd 91 JQ, Portion 11
Tailings dam	3 mil	Frischgewaagd 91 JQ, Portion 11

2.2 The licensee shall provide the coordinates for all waste disposal facilities before commencing with a water use.

3. QUALITY OF WASTE WATER TO BE DISPOSED

3.1 The quality of waste water disposed of into the pollution control dam shall not exceed the following limits as specified in Table 2 below:

Table 2:

Substance/parameter	WaterQuality Limits
pH	5-6 & 9-9.5
Electrical conductivity	70-150
calcium	80-150
Sodium	100- 200
Chloride	100-200
Sulphate	200-400
Nitrate	6-10
Fluoride	0.7-1.0

4. MONITORING

4.1 The licensee shall monitor water resources at the monitoring points provided in Table 3 to determine the impact of the facility and other activities on the water quality by taking samples at the monitoring points described in Table 3 below:

Table 3: Monitoring points

Locality	Description	X co-ordinate	Y co-ordinate
S1	Elands River Upstream	28° 07' 46.34"	27° 41' 9.6"
S2	Tributary from the north	28° 07' 37.45"	27° 12' 48.6"
S3	Elands River	28° 07' 36.0"	27° 16' 51.6"

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	downstream tributary		
S4	Elands River upstream tributary	28° 07' 11.28"	27° 22' 25.68"
S5	Tributary from south	28° 07' 11.82"	27° 22' 55.56"
S6	Elands River downstream	28° 07' 7.896"	27° 23' 30.12"
S7	Elands River downstream Sandspruit	28° 17' 22.74"	27° 41' 12.48"
S8	Elands River upstream tributary	28° 57' 54"	27° 41' 21.12"
S9	Sandspruit downstream Matlhogaabone	28° 57' 34.56"	27° 42' 50.4"
S10	Elands River downstream Sandspruit	28° 57' 24.48"	27° 57' 39.24"
S11	Tributary from the north	28° 56' 16.08"	27° 58' 59.16"
S12	Elands River upstream tributary	28° 56' 45.24"	27° 59' 40.2"
S13	Elands River upstream Bonwakgokgo	28° 54' 2.52"	27° 06' 46.8"
S14	Bonwakgokgo	28° 54' 6.12"	27° 08' 51.48"
S15	Elands River downstream Bonwakgokgo	28° 05' 20.76"	27° 06' 50.904"

- 4.2 The date, time and monitoring point in respect of each sample taken shall be recorded together with the results of the analysis.
- 4.3 An Aquatic Scientist approved by the Regional Director must establish a monitoring programme for the following indices: Invertebrate Habitat Assessment System (IHAS) and the latest SASS (South African Scoring System). Sampling must be done once during the summer season and once during the winter season, annually, to reflect the status of the river upstream and downstream of the mining activities.
- 4.4 Analysis shall be carried out in accordance with methods prescribed by and obtainable from the South African Bureau of Standards (SABS), in terms of the Standards Act, 1982 (Act 30 of 1982).
- 4.5 The methods of analysis and the monitoring points shall not be changed without notification to and written approval by the Regional Director.

6. REPORTING

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- 6.1 The licensee shall update the water balance annually and calculate the loads of waste emanating from the activities. The licensee shall determine the contribution of their activities to the mass balance for the water resource and must furthermore co-operate with other water users in the catchment to determine the mass balance for the water resource reserve compliance point.
- 6.2 The licensee shall submit the results of analysis for the monitoring requirements to the Regional Chief Director on monthly basis under Reference number 16/2/7/A220/C366.

7. STORM WATER MANAGEMENT

- 7.1 Stormwater leaving the licensee's premises shall in no way be contaminated by any substance, whether such substance is a solid, liquid, vapour or gas or a combination thereof which is produced, used, stored, dumped or spilled on the premises.

7.2 Increase runoff due to vegetation clearance and/or soil compaction must be managed, and steps must be taken to ensure that storm water does not lead to bank instability and excessive levels of silt entering the stream.

- 7.3 Storm-water shall be diverted from the mining complex site and roads and shall be managed in such a manner as to disperse runoff and concentrating the storm-water flow.

7.4 Where necessary works must be constructed to attenuate the velocity of any storm-water discharge and to protect the banks of the affected watercourses.

7.5 Storm-water control works must be constructed, operated and maintained in a sustainable manner throughout the impacted area.

7.6 Increased runoff due to vegetation clearance and/or soil compaction must be managed, and steps must be taken to ensure that storm-water does not lead to bank instability and excessive levels of silt entering the streams.

7.7 All storm-water that would naturally run across the pollution areas shall be diverted via channels and trapezoidal drains designed to contain the 1:50 year flood.

7.8 The polluted storm water system shall be designed and implemented to provide suitable routing and pumping capacity for contaminated storm water from the individual facilities to the respective storm water dams in accordance with the design specifications as contained in the Integrated water management plan..

7.9 The polluted storm water captured in the storm water control dams shall be pumped to the process water treatment plant for reuse and recycling.

8. PLANT AREAS AND CONVEYANCES

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- 8.1 Pollution caused by spills from the conveyances must be prevented through proper maintenance and effective protective measures especially near all stream crossings.
- 8.2 All reagent storage tanks and reaction units must be supplied with a bunded area built to the capacity of the facility and provided with sumps and pumps to return the spilled material back into the system. The system shall be maintained in a state of good repair and standby pumps must be provided.
- 8.3 Any hazardous substances must be handled according to the relevant legislation relating to the transport, storage and use of the substance.
- 8.4 Any access roads or temporary crossings must be:
- 8.4.1 non-erosive, structurally stable and shall not induce any flooding or safety hazard and
- 8.4.2 be repaired immediately to prevent further damage.

9. ACCESS CONTROL

- 9.1 Strict access procedures must be followed in order to gain access to the property.
- 9.2 Notices prohibiting unauthorised persons from entering the controlled access areas as well as internationally acceptable signs indicating the risks involved in case of an unauthorised entry must be displayed along the boundary fence of these areas.

10. CONTINGENCIES

- 10.1 Accurate and up-to-date records shall be kept of all system malfunctions resulting in non-compliance with the requirements of this licence. The records shall be available for inspection by the Regional Chief Director upon request. Such malfunctions shall be tabulated under the following headings with a full explanation of all the contributory circumstances:
- 10.1.1 operating errors
- 10.1.2 mechanical failures (including design, installation or maintenance)
- 10.1.3 environmental factors (e.g. flood)
- 10.1.4 loss of supply services (e.g. power failure) and
- 10.1.5 other causes.
- 10.2 The licensee must, within 24 hours, notify the Regional Chief Director of the occurrence or potential occurrence of any incident which has the potential to cause, or has caused water pollution, pollution of the environment, health risks or which is a contravention of the licence conditions.
- 10.3 The licensee must, within 14 days, or a shorter period of time, as specified by the Regional Chief Director, from the occurrence or detection of any incident

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referred above, submit an action plan, which must include a detailed time schedule, to the satisfaction of the Regional Chief Director of measures taken to:

- 10.3.1 correct the impacts resulting from the incident
- 10.3.2 prevent the incident from causing any further impacts and
- 10.3.3 prevent a recurrence of a similar incident.

11. AUDITING

- 11.1 The licensee shall conduct an annual internal audit on compliance with the conditions of this licence. A report on the audit shall be submitted to the Regional Chief Director within one month of finalisation of the report, and shall be made available to an external auditor should the need arise.
- 11.2 The licensee shall appoint an independent external auditor to conduct an annual audit on compliance with the conditions of this licence. The first audit must be conducted within 3 (three) months of the date this licence was issued and a report on the audit shall be submitted to the Regional Chief Director within one month of finalisation of the report.

12. INTEGRATED WATER AND WASTE MANAGEMENT

- 12.1 The licensee must ensure that the *Integrated Water and Waste Management Plan (IWWMP)* is reviewed annually and submitted to the Regional Chief Director for approval
- 12.2 A framework with time schedules for the development of this IWWMP shall be submitted to the Regional Chief Director and the Director: Resource Protection and Waste within six months from the date of issuance of this licence. The plan shall include but not limited to the following investigations:
 - 12.2.1. A process water balance that must include measures to minimise water consumption, waste water production, collection, containment and treatment and re-use for industrial purposes.
- 12.3 The licensee must, at least 180 days prior to the intended closure of any facility, or any portion thereof, notify the Regional Chief Director of such intention and submit any final amendments to the IWWMP and final *Closure Plan*, for approval.

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APPENDIX VII**Section 21(j) of the Act: Removing of Water found underground for the safety of people and for the continuation of activities.****1. REMOVING OF WATER FOUND UNDERGROUND**

- 1.1 This licence authorises the: -
- 1.1.1 removal of a maximum quantity of one hundred and fifty seven thousand six hundred and eighty (157 680) cubic meter (m³) of water per annum from underground on portion 11 of the farm Frischgewaagd 91 JQ for mining purpose, based on a daily maximum abstraction of four hundred and fifty seven cubic metres (457 m³).
- 1.2. No more water may be removed than the minimum required for the safety of people or for the continuation of activities.
- 1.3. The licensee must keep a register of all water users who are potentially affected by the taking or removal of groundwater and must annually consult the potentially affected users on the impact of the taking and removal of water on them. The licensee must provide affected users with alternative sources of water. The keeping of a register, consultation of affected users and provision of alternative sources of water must be done to the satisfaction of the Regional Chief Director or the responsible authority. The quantity of water removed from underground at each of the dewatering points must be metered and recorded on a daily basis.
- 1.5 The groundwater levels shall be monitored twice a year (once at the beginning of the dry season and once at the beginning of the wet season).
- 1.6 A self registering flow meter must be installed in the delivery line of each dewatering point, at easily accessible positions and near the dewatering points.
- 1.7 The flow metering devices shall be maintained in a sound state of repair and calibrated by a competent person at intervals of not more than once in two years. Calibration certificates shall be available for inspection by the Regional Chief Director or his/her representative upon request.
- 1.8 The date and time of monitoring in respect of each sample taken shall be recorded together with the results of the analysis.



the dme

Department:
Minerals and Energy
REPUBLIC OF SOUTH AFRICA

DME 12

From: Directorate: Mineral Regulation: North-West
Enquiries: Neo Kgokong
E-mail: Neo.Kgokong@dme.gov.za
C/o Margaretha Prinsloo & Voortrekker Street, Old Vaal University Building, Klerksdorp, 2570
Private Bag A1, Klerksdorp, 2570
Tel No. (018) 478 9845

Sub-Directorate: Mine Environmental Management Ref: NW30/5/1/2/3/2/ (339) EM

The Manager
Bakubung Minerals (Pty) Ltd
Private Bag X 16
NORTHLANDS
JOHANNESBURG
2076

By Hand

Dear Sir/Madam

APPROVAL OF ENVIRONMENTAL MANAGEMENT PROGRAMME IN TERMS OF SECTION 39(4) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) FOR BAKUBUNG MINERALS (PTY) LTD TO MINE PLATINUM GROUP METALS, GOLD, SILVER, COPPER, COBALT AND CHROME ON THE REMAINING EXTENT OF PORTION 1, PORTIONS 3, 4, 6, 7 AND THE REMAINING EXTENT OF THE FARM LEDIG 909 JQ AND A CERTAIN PORTION OF THE REMAINING EXTENT OF THE FARM MIMOSA 81 JQ SITUATED IN THE MAGISTERIAL DISTRICT OF MANKWE.

Kindly note that the EMP stipulates Environmental Management and a copy thereof should always be available on site.

The EMP programme was approved provided conditions stated below will be adhered to.


CONDITIONS

- a.) All mining activities must take place in accordance with the approved EMP programme.
- b.) No mining activities are allowed within 1:50 year flood line or 100m from the edge of the river whatever is the greatest, without the necessary authorization from (Department of Water Affairs and Forestry) DWAF.
- c.) No mining infrastructure is allowed to be constructed within the 1:100 year flood line without the necessary authorization from the (Department of Water Affairs and Forestry) DWAF.
- d.) **BAKUBUNG MINERALS (PTY) LTD** is responsible for all surface disturbances on the mining area, which includes all historical mining activities.

- e.) All available topsoil must be stripped and stockpiled separately prior to any surface disturbance.
- f.) All mine waste must be taken back to the excavation area for backfilling purposes.
- g.) No mines waste will be allowed to be deposited in natural drainage lines or erosion gullies.
- h.) No dumps structures must be left on the surface, this includes topsoil stockpiles, overburden stockpiles, waste rock stockpiles, tailing dumps and slimes dams.
- i.) All excavations must be backfilled to the natural surface level, if a bulk factor exists it must be accommodated on the total area of disturbance.
- j.) A surveyed plan must be submitted every year to the Regional Manager that indicates:
 - The positions, footprints and volumes of all topsoil stockpiles, overburden dumps, waste rock dumps and slimes dams (Any structure that is above the natural surface.)
 - The positions, surface areas and depths of all open pits.
 - The positions and surface areas of all rehabilitated areas (please indicate the status of rehabilitation-backfilled, profiled/landscaped, top-soiled, vegetated or monitoring and managing.
- k.) The rehabilitation fund must be upgraded or revised on an annual basis according to the surveyed plan, which indicates the progress in rehabilitation in terms of Section 41(3) of the Mineral and Petroleum Resources Development Act 2002, (Act 28 of 2002).
- l.) Any project, expansions or additional infrastructure must be addressed through an addendum and submitted to the Regional Manager. Mineral Regulation for his approval, before they commence. This approval may be amended at any stage if deemed necessary.
- m.) This approval does not purport to absolve your company from its common law obligations towards the surface rights holder or any other affected party.
- n.) The following Acts are applicable and relevant to the said approval and your company is to familiarize itself with its provisions in so far as they apply to the company's operations:
 - The National Water Act 1998, (Act 36 of 1998), with particular reference to the sections pertaining to mining or prospecting in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.
 - The Environmental Conservation Act 1989, (Act 73 of 1989). Your attention is specifically directed to the requirements of section 20 of the above-mentioned Act.
 - The Atmospheric Pollution Prevention Act 1965, (Act 45 of 1965), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by mining activities, into the atmosphere.

- The Conservation of Agriculture Resources Act 1983, (Act 43 of 1983), with particular references to the sections pertaining to soil conservation.
 - The National Heritage Resources Act 1999, (Act No 25 of 1999), with particular reference to the protection of all historical and pre-historical cultural remains.
 - The Mine Health and Safety Act 1996, (Act 26 of 1996) in conjunction with the Minerals Act (Act 50 of 1991), with particular reference to those sections and regulations pertaining to health and safety at mines; mining within 100 m from structures that must be protected; as well as those sections pertaining to rehabilitation of the surface.
 - The National Environmental Management Act 1998, (Act 107 of 1998), with particular reference to the principles in chapter 2 of the said Act.
- o) All persons concerned must be made fully conversant with the terms of this approval, copies of which must be readily available to them.
- p) In the event where archaeological or heritage related resources are identified, SAHRA must be notified immediately and the site be properly demarcated.
- q) No mining activities should be conducted on sensitive area(s) and or build up area(s).
- r) The shortfall of **R57 000 000.00** with regard to the financial provision must be addressed by no later than **31 May 2015**.

Yours faithfully



A K KHARIVHE
REGIONAL MANAGER: MINERAL REGULATION
NORTH WEST REGION
DATE: 25/05/2009.....

ACKNOWLEDGEMENT OF RECEIPT:.....
 DATE:.....25/05/2009.....

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE REGIONAL MANAGER DEPARTMENT OF MINERALS AND ENERGY: NORTH-WEST REGION.



the dme

DME 12

Department:
Minerals and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag A1, KLERKSDORP 2570

Fax No: (018) 487 9836 / Tel No.: (018) 487 9830

Enquiries K.J Matloa Reference No. NW30/5/1/2/2/339 MR

E-mail: jackson.matloa@dme.gov.za

25 May 2009

BY HAND

**BAKUBUNG MINERALS (PROPRIETARY) LIMITED
PRIVATE BAG X 16
NORTHLANDS
JOHANNESBURG
2116**

APPLICATION FOR A MINING RIGHT IN TERMS OF SECTION 22(1) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002): THE REMAINING EXTENT OF PORTION 1, PORTIONS 3, 4, 11 OF THE FARM FRISCHGEWAAGD 96, PORTIONS 3, 4, 6, 7 AND THE REMAINING EXTENT OF THE FARM LEDIG 909 JQ AND A CERTAIN PORTION OF THE REMAINING EXTENT OF THE FARM MIMOSA 81 JQ; MAGISTERIAL DISTRICT OF MANKWE.

I refer to the abovementioned matter and I confirm that your application for a mining right in terms of section 22(1) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) has been granted

Attached hereto, please find the following documents:

1. Mining right granted in terms of section 23 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), for the period ending 24th May 2034; and
2. Annexure "A" being the approved Mining Work Programme which forms an integral part of your mining right; and
3. Annexure "B" being the approved being the approved Sketch Plan, which also forms an integral part of the mining right granted; and
4. Annexure "C" being the approved Social and Labour plan, which also forms an integral part of the mining right granted;and

5. Annexure "D" being the memorandum of agreement between the holder and BEE partner

You are further advised as follows:

- a) To lodge this mining right for registration with the Mineral and Petroleum Titles registration office within 30 days of the date on which this right becomes effective in terms of section 23(5) (approval of the EMP);
- b) To continuously and actively conduct mining operations in accordance with the mining work programme;
- c) To comply with the terms and conditions of this mining right, relevant provisions of the Act and any other law;
- d) To comply with the requirements of the approved environmental management programme;

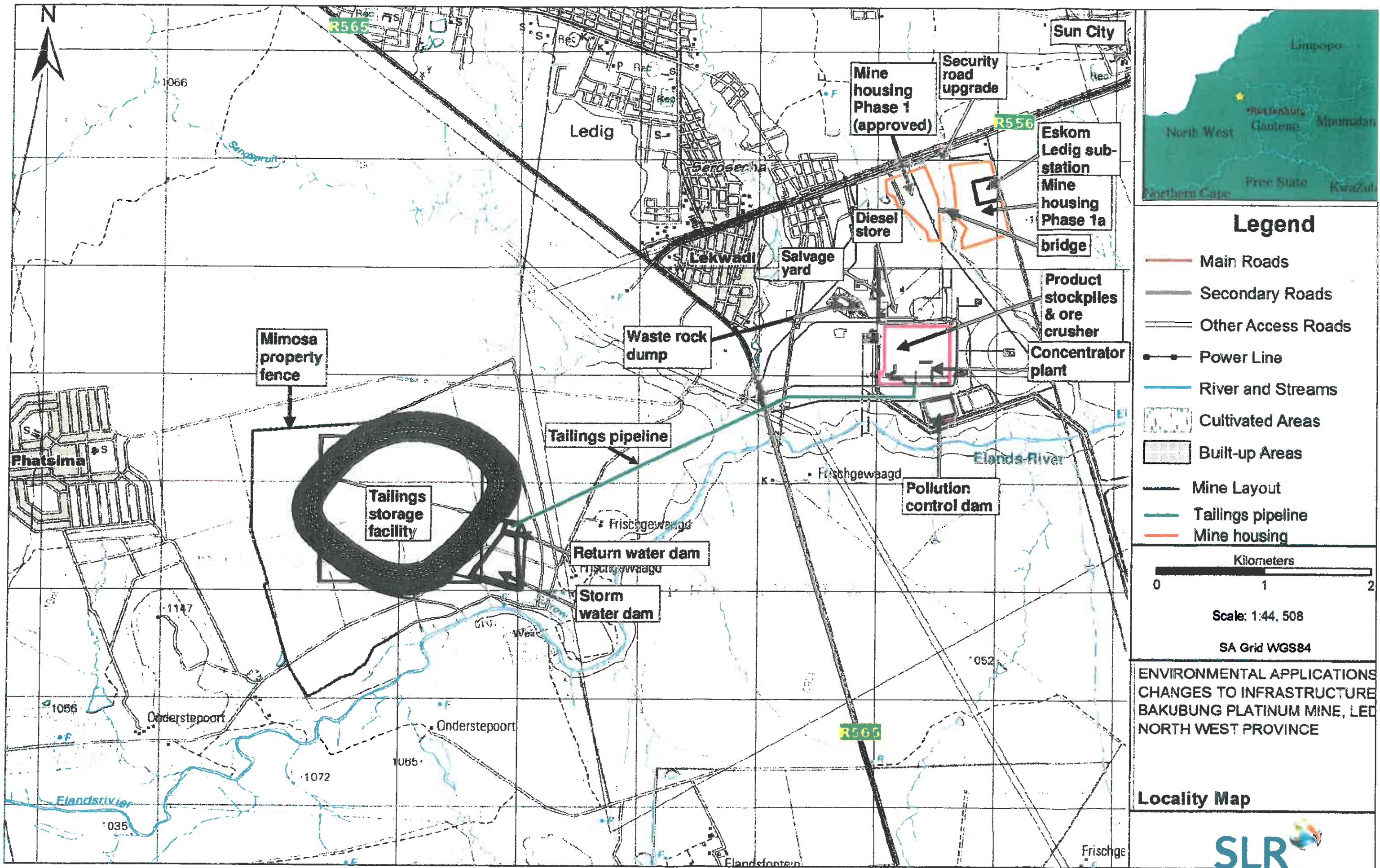
Yours faithfully



.....
**REGIONAL MANAGER
NORTHWEST REGION**

Appendix 4

Proposed site plan, drawn to scale, showing the location of all the activities to be applied for



Proposed site plan for the Changes to Infrastructure at Bakubung Platinum Mine, showing activities applied for

Appendix 5

Proof of submission of Water Use Licence application



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Provincial Operations: North West , Cnr Dr. James Moroka Drive and Sekame Road, Megacity Shopping Centre, Unit no. 99,
Ground Floor, Private Bag x5, Mmabatho, 2735; Tel (018) 387 9500, Fax: (018) 392 2998 / 384 0913, www.dwa.gov.za

Fax No:	(012) 253-2761	✉	P/B X 357	✍	Cornia Theunissen
			HARTBEESPOORT	☎	(012) 253-1026
e-mail:	theunissenc@dwa.gov.za		0216	📁	16/2/7/A220/C366 26064730

2015-08-20

**Bakubung Platinum Mine
P/Bag X 4000
Boshhoek
0301**

For Attention : Eddie Mohlabi

Ref No :

RE: Bakubung Platinum Mine - Wesizwe Platinum Mine - letter of intent to carry out WULA (apply for IWUL) (Sec 21b, 21c, 21g, 21i, 21j – forms, motivations and specialist studies for submission)

This office acknowledges the receipt of your application documents regards to the above-mentioned on 20 August 2015 (**Task T455/2015**). The office responsible for this area is: **Ms Sebenzile Ntshangase** and can be contacted at (012) 207-9911.

Comments would be forwarded in due time.

Thank you

**Ms C. THEUNISSEN
CHIEF ADMIN CLERK**

Appendix 6

Landowner letter of consent

Date: 12 September 2015
Our Ref: 710.23001.00007
Attention: **Bakubung Ba-Ratheo**

NOTIFICATION TO LANDOWNER OF THE LAND ON WHICH THE ACTIVITY IS TO BE UNDERTAKEN

In terms of the requirements of sub-regulation 39(1) of the Environmental Impact Assessment Regulations, 2014 (GNR 982 of 4 December 2014).

Kindly note that:

1. This document should be attached as an appendix to:
 - The application form for **Environmental Authorization** in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) or
 - The application form for a **Waste Management Licence** in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008).

1. DETAILS OF APPLICANT

Project applicant:	Bakubung Minerals (Pty) Ltd		
Trading name (if any):	Bakubung Minerals (Pty) Ltd		
Contact person:	Eddie Mohlabi		
Physical address:	Bakubung Platinum Mine, R565, near Ledig, North West		
Postal address:	Private Bag X16 NORTHLANDS		
Postal code:	2116	Cell:	
Telephone:	011 994 4600	Fax:	011 994 4600
E-mail:	eddie.mohlabi@wesizwe.com		

2. DETAILS OF LANDOWNER OR PERSON IN CONTROL OF THE LAND

(where the applicant is not the landowner or person in control of the land)

Landowner or person in control of the land:	Bakubung Ba-Ratheo		
Contact person:	Kgosigadi Margaret Monnakgotla		
Postal address:	Office of the Kgosi, P.O. Baratheo, Ledig		
Postal code:	0338	Cell:	076 215 8787
Telephone:	014 551 3925	Fax:	086 726 2841
E-mail:	bakubungroyal@gmail.com		

3. PROJECT AND PROPERTY DETAILS

Project title:	Environmental Applications for Changes to Infrastructure at Bakubung Platinum Mine, Ledig, North West Province
----------------	--

Property description:	<p>Remaining extent and portions 1, 3, 4, 11 of the farm Frischgewaagd 96 JQ;</p> <p>The remainder of the farm Mimosa 81JQ.</p>
-----------------------	---

(Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.

Town(s) or district(s):	
Physical (street) address of project:	Bakubung Platinum Mine, R565, near Ledig, North West

4. CONSENT OF LANDOWNER

1. I/we the undersigned (*insert the name/s of the owner/s of the land*)

Bakubung Ba-Ratheo _____

of identity number/registration number (*insert the owner/s ID number/s or the registration number of the legal entity*)

N/A _____

am/ are the registered owner/s of the property (*insert description of the property/ies and title deed numbers*) **Portions 1, 3, 4, 11 of the farm Frischgewaagd 96 JQ**

located at (*insert physical address or a brief description of the location of the property*) _____

Bakubung Platinum Mine, R565, near Ledig, North West

2. I/ we hereby give consent to the applicant (*insert the name/s of the applicant/s*)

Bakubung Minerals (Pty) Ltd _____

of identity number/registration number (*insert the owner/s ID number/s or the registration number of the legal entity*) _____

to undertake the following activity/ies on the property (*insert a brief description of the project and identified activity/ies that will be applied for*):

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;

- 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.

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;
- *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.

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).

Signature of land owner or authorised representative



Name of authorised person if the landowner is a legal entity KAOSIGADI MARGARET MONNAKGOTLA

14 SEPTEMBER 2015

Date

- **Section 102 EMP amendment application form**



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

**APPLICATION FOR THE CONSENT OF
THE MINISTER
TO AMEND RIGHTS PERMITS
PROGRAMMES OR PLANS**

IN TERMS OF SECTION 102

OF

**THE MINERAL AND PETROLEUM RESOURCES
DEVELOPMENT ACT, 2002,
(ACT NO. 28 OF 2002) (The Act)**

STANDARD DIRECTIVE

All applicants applying for the consent of the Minister to amend or vary, (including by extension or reduction of the area or the addition of associated minerals) any reconnaissance permission prospecting right, mining right mining permit, retention permit, technical co-operation permit, reconnaissance permit, exploration right and production work programme mining work programme environmental management programme, and environmental management plan are herewith, in terms of the provisions of Section 29 (a) of the Mineral and Petroleum Resources Development Act, directed to specifically submit an application in that regard to the relevant Regional Manager or Designated Agency as the case may be, which application must provide the specific information in the format required herein.

In cases of extension or reduction of a prospecting area#, any applicant requesting consent to vary the prospecting right accordingly is herewith in terms of the provisions of Section 29 (a) of the Mineral and Petroleum Resources Development Act, directed to submit a revised prospecting work programme, environmental management programme or plan, and social and labour plan in cases of mining or production rights that reflect the variation concerned, for consideration.

The Regional/General Manager

REGION/ DESIGNATED AGENCY	North West Department of Mineral Resources (DMR)
REFERENCE NUMBER OF RIGHT	NW30/5/1/2/2/339
NAME OF APPLICANT	Bakubung Minerals (Pty) Ltd

1. DETAILS OF THE APPLICATION.

(Mark with an X where applicable)

1.1 Indicate the type of Right

PROSPECTING RIGHT	
MINING RIGHT	X
MINING PERMIT	
RECONNAISSANCE PERMISSION	
RETENTION PERMIT	
TECHNICAL CO_OPERATION PERMIT	
EXPLORATION RIGHT	
PRODUCTION RIGHT	

1.2 INDICATE THE TYPE OF AMENDMENT OR VARIATION REQUESTED

EXTENTION OF AREA*	
REDUCTION OF AREA*	
ADDITION OF MINERALS	
SUBTRACTION OF MINERALS	
ADDITION OF SHARES OF SEAMS MINERALISED BODIES OR STRATA*	
SUBTRACTION OF SHARES OF SEAMS MINERALISED BODIES OR STRATA*	
AMENDMENT OF PRODUCTION RIGHT WORK PROGRAMME	
AMENDMENT OF EXPLORATION RIGHT WORK PROGRAMME	
AMENDMENT OF MINING OR PROSPECTING# WORK PROGRAMME	
AMENDMENT OF ENVIRONMENTAL MANAGEMENT PLAN	
AMENDMENT OF ENVIRONMENTAL MANAGEMENT PROGRAMME	X

Note*# The extension or reduction of an area, and the addition or subtraction of shares of seams mineralised bodies or strata always require the amendment of the applicable work programme# and the applicable Environmental Management Plan or Programme
When acquiring a portion of another existing right the variation of that right and transfer thereof, also requires consent in terms of the provisions of sections 11 and 102 of the Act.

2 INFORMATION TO BE SUBMITTED

2.1 Description of the right in respect of which the application is made (Provide a description of the right in accordance with the regulation 42 plan and attach a copy of the right and plan as an appendix)

Bakubung Minerals (Pty) Ltd hold a mining right for Platinum Group Elements / Metals on the following farms:

- Portion 3, 4, 11 and RE of portion 1 for of the farm Frischgewaagd 96 JQ;
- Ledig 909 JQ (consolidated farm of former portions 1, 2, 3, 4, 5 and 6 and new subdivision portions 3, 4, 5, 6 and 7); and
- A portion of the remainder of the farm Mimosa 81 JQ.

The layout has been attached as Attachments 1 and 2. If there are any changes to this layout, including as a result of specialist input, these will be submitted to the DMR and included in the Environmental Impact Assessment.

While construction at the Bakubung Platinum Mine has commenced, not all facilities have yet been constructed. Mining has not yet commenced. Wesizwe are now proposing to make several changes to the approved mine. These changes will require an amendment to the approved EMP, to take these changes into consideration. All the changes that are proposed will be discussed in the Scoping and Environmental Impact Assessment Reports which will be submitted to the DMR for their consideration as part of the S102 Application.

Bakubung Minerals (Pty) Ltd is hereby applying for an amendment to the approved EMP.

2.2 Extension of an area or the addition of minerals. – **Not Applicable**

PROVIDE THE FOLLOWING INFORMATION Mark with an X where applicable	YES	NO
Are there existing rights for the same minerals in the requested extension area?		

Are the additional minerals requested held in terms of an existing right?		
CONFIRM THAT THE FOLLOWING INFORMATION HAS BEEN APPENDED		
A plan drawn to the requirements of Regulation 2(2) of the right to be varied.		
A plan drawn to the requirements of Regulation 2(2) of the extension area, or the area in respect of which the additional minerals are required.		
Copy of the existing right in respect of which the addition of an area or minerals is required		
Copy of the (section 11) consent of the Minister to cede the additional area to the applicant from the former holder. (If not applicable, state N/A)		
Copy of the registered cession (section 11) in respect of the additional area or minerals has been acquired from a former holder. (If not applicable, state N/A)		
The revised mining, prospecting, production right, or exploration right work programme as the case may be, which deals with the consolidated operation.		
The revised environmental work programme or plan as the case may be, which deals with the consolidated operation.		
The revised Social and Labour Plan (in cases of mining or production rights) which deals with the consolidated operation.		

2.3 Reduction of an area or subtraction of minerals – **Not Applicable**

PROVIDE THE FOLLOWING INFORMATION Mark with an X where applicable	YES	NO
Is the area being reduced for purposes of abandonment?		
Is the area being reduced in order to incorporate the balance into another right?		
CONFIRM THAT THE FOLLOWING INFORMATION HAS BEEN APPENDED		
A plan drawn to the requirements of Regulation 2(2) of the existing right.		
A plan drawn to the requirements of Regulation 2(2) of the reduced area.		
Copy of the existing right in respect of which the area or minerals is to be reduced.		
Copy of the (section 11) consent of the Minister to cede the balance of the area or minerals to a third party. (If not applicable, state N/A)		
Copy of the registered cession (section 11) in respect of the area or minerals ceded to a third party. (If not applicable, state N/A)		
The revised mining, prospecting, production right, or exploration right work programme as the case may be, in respect of the reduced operation.		
The revised Environmental management plan or programme as the case may be of the varied operation, which clearly distinguishes between the respective liability and environmental management responsibility of the two parties.		

The revised Environmental management plan or programme of the other affected party, which clearly distinguishes between the respective liability and environmental management responsibility of the two parties.	
The revised Social and Labour Plan (in cases of mining or production rights) which deals with the reduced operation. (If not applicable, state N/A)	

2.4 Addition or subtraction of shares of seams, mineralised bodies or strata – Not Applicable

PROVIDE THE FOLLOWING INFORMATION Mark with an X where applicable	YES	NO
Is the right being varied for purposes of abandonment?		
Is the right being varied in order to incorporate the balance into another right?		
Is the right being varied in order to acquire additional resources from another right?		
Is the right being varied to accommodate a subletting, subcontracting, or tribute arrangement?		
CONFIRM THAT THE FOLLOWING INFORMATION HAS BEEN APPENDED		
A plan drawn to the requirements of Regulation 2(2) of the existing right.		
A plan drawn to the requirements of Regulation 2(2) of the area and resources to be amended or varied.		
Copy of the existing right to be varied.		
Copy of the (section 11) consent of the Minister to cede, sublet, subcontract (or tribute), the balance of the resources to a third party. (If not applicable, state N/A)		
Copy of the registered cession (section 11) in respect of the resources ceded to or from a third party, as the case may be. (If not applicable, state N/A)		
The revised mining, prospecting, production right, or exploration right work programme as the case may be, in respect of the varied operation.		
The revised Environmental management plan or programme as the case may be of the varied operation, which clearly distinguishes between the respective liability and environmental management responsibility of the two parties.		
The revised Environmental management plan or programme of the other affected party, which clearly distinguishes between the respective liability and environmental management responsibility of the two parties.		
The revised Social and Labour Plan (in cases of mining or production rights) which deals with the varied operation. (If not applicable, state N/A)		

2.5 Amendment of a work programme – **Not Applicable**

2.5.1 Detailed motivation for the amendment

(Provide a detailed explanation of the reason for the requested amendment)

2.5.2 Confirmation that the amended document is appended

(Confirm that the revised document is appended. The document itself must be revised and submitted in complete form. An addendum will not be acceptable)

2.6 Amendment of an Environmental Management Plan or Programme

2.6.1 Detailed motivation for the amendment

(Provide a detailed explanation of the reason for the requested amendment)

In 2008, Wesizwe on behalf of Bakubung Platinum (Pty) Ltd conducted an Environmental Impact Assessment (EIA) and Environmental Management Programme (EMP) process for the development of the Bakubung Platinum Mine in the North West Province. The Bakubung Platinum Mine received Environmental Authorisation in 2009, in terms of both the National Environmental Management Act (Act 107 of 1998) (NEMA) and Mineral and Petroleum Resources Development Act (Act 28 of 2002) (MPRDA).

While construction at the Bakubung Platinum Mine has commenced, not all facilities have yet been constructed. Wesizwe are now proposing to make several changes to the approved mine. These changes will require an amendment to the approved EMP, to take these changes into consideration.

The following changes are proposed to the Bakubung Platinum Mine:

- The construction of a larger Tailings Storage Facility (TSF) on the farm Mimosa 81JQ. The area will increase from 142 ha to ~ 166 ha. The height will be ~ 44m;
- A tailings pipeline between the mine and the TSF (which will cross a watercourse);
- 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 circuit 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 (*separate Section 102 application has been submitted for this*);

- Construction of erosion control measures along watercourses within the mine;
- 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;
- Pollution Control Dams;
- Settling and return water dams;
- New internal mine roads (some of which will cross watercourses);
- Ventilation shafts and raise boreholes;
- Generators or possibly a solar power plant on site, for back up power;
- A salvage yard for temporary storage of general and hazardous waste; and
- The construction of phase 1a of the mine housing and a noise berm (which will cross a watercourse).

All the proposed changes will be discussed in the Scoping and Environmental Impact Assessment Reports which will be submitted to the DMR for their consideration as part of the S102 Application.

This application form is specifically for the amendment of the approved EMP.

2.6.2 Confirmation that the amended document is appended

(Confirm that the revised document is appended. The document itself must be revised and submitted in complete form. An addendum will not be acceptable)

This project is still in the application phase and thus it is not possible to provide the amended EMP at this stage of the process. This can only be submitted once the specialist studies and Environmental Impact Assessment have been conducted. The amended EMP will be submitted to the DMR for their consideration during the EIA phase of the project, which will be in the first quarter of 2016, following the 2014 NEMA EIA timeframes and requirements.

2.7 Amendment of a Social and Labour Plan – **Not Applicable**

2.7.1 Detailed motivation for the amendment

(Provide a detailed explanation of the reason for the requested amendment)

2.7.2 Confirmation that the amended document is appended

(Confirm that the revised document is appended. The document itself must be revised and submitted in complete form. An addendum will not be acceptable)

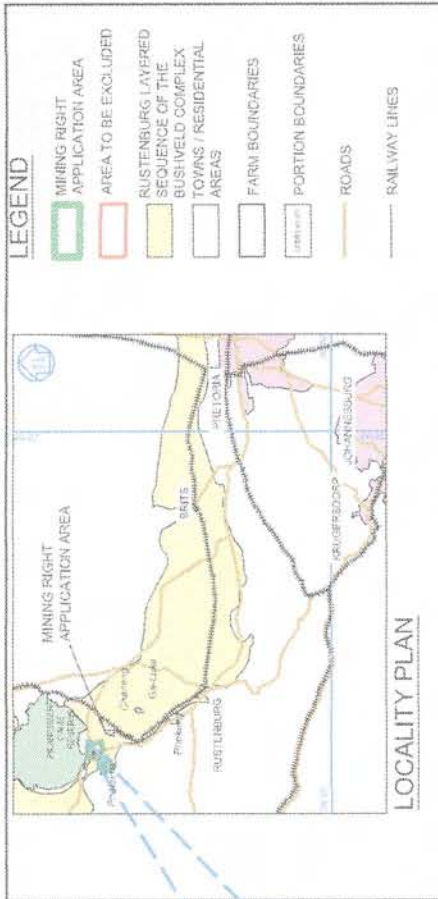
3 IDENTIFICATION OF THE APPLICATION

Herewith I, the person whose name and identity number is stated below, confirm that I am the person authorised to Act as representative of the Applicant in terms of the resolution submitted with the application, and confirm that the information provided above constitutes the official application for the consent of the Minister to amend the aforesaid right, permit, programme or plan, and I furthermore undertake to lodge such consent for registration within 30 days of consent, in the event that such consent is given.

Full Names and Surname	Molaoli Edwin Mohlabi
Identity Number	7405085340085

-END-

Attachment 1.
Mining Right Area



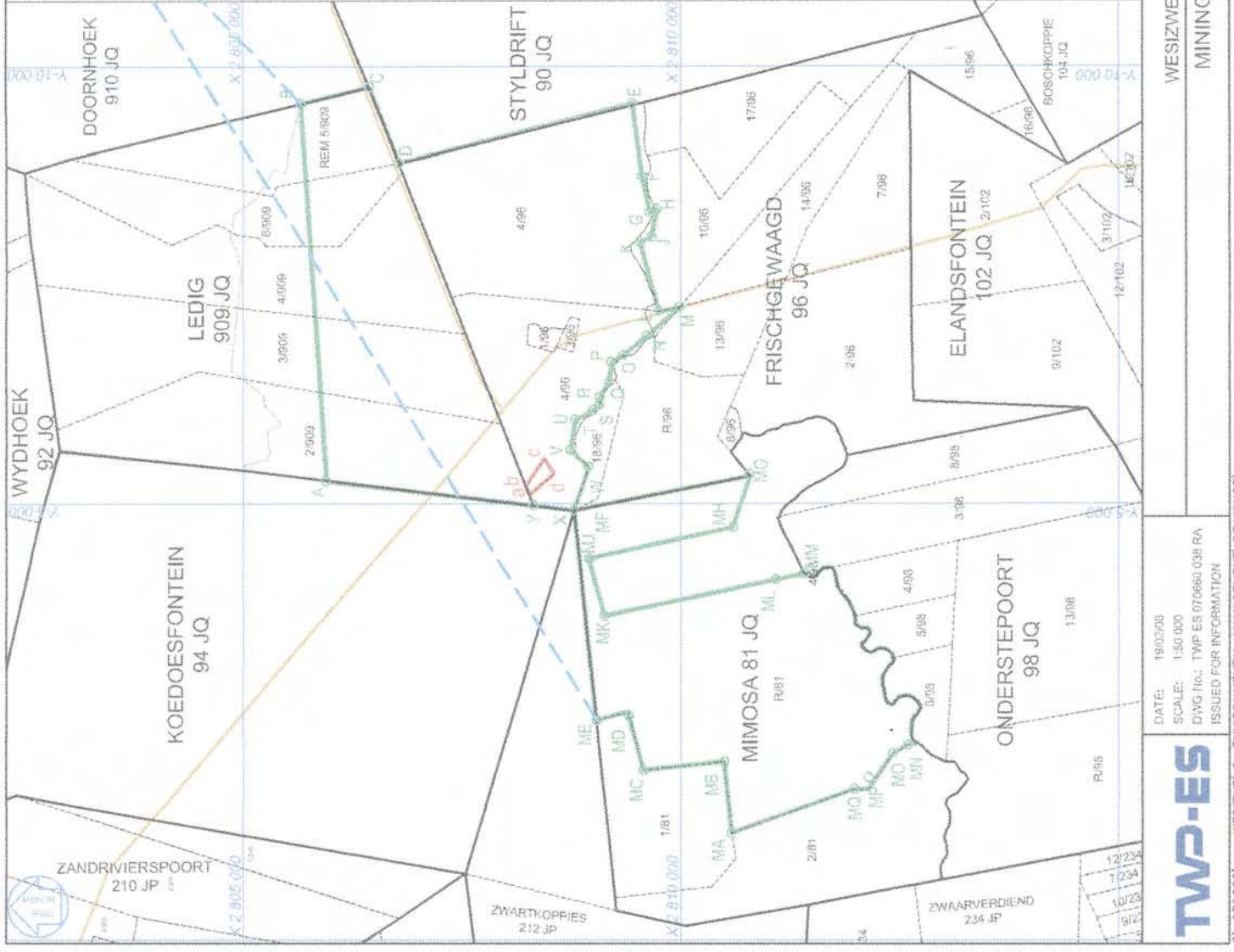
LEGEND

- Mining Right Application Area (Yellow)
- Area to be Excluded (Red)
- Rustenburg Layered Sequence of the Bushveld Complex Towns / Residential Areas (White)
- Farm Boundaries (Black)
- Portion Boundaries (Dashed)
- Roads (Orange)
- Railway Lines (Blue)

LOCALITY PLAN

Hertieshouk 34 Datum (1955/4 EBM-v4)		Gauss Conform Projection, Central Meridian 27 East, Mimosas 81 Datum (1955/4 EBM-v4)	
Farm: Ledig 909 JQ & Frischgewaagd 96 JQ		Farm: Mimosas 81 JQ	
Constant	0,000	Constant	0,000
Pnt	Y	Pnt	Y
A	-5253,058	Q	-8389,000
B	-9575,161	R	-6220,000
C	-9766,846	S	-6130,000
D	-8899,970	T	-6070,000
E	-9575,630	U	-5960,000
F	-8742,490	V	-5610,000
G	-8335,920	W	-5420,000
H	-8372,690	X	-4924,450
J	-8050,720	Y	-4976,560
K	-7993,670	Excluding Area:	
L	-7199,810	a	-5101,440
M	-7250,000	b	-5202,790
N	-6920,000	c	-5515,890
O	-6700,000	d	-5340,580
P	-6620,000	MP	-1732,234
		MQ	-1732,235

Gauss Conform Projection, Central Meridian 27 East, Mimosas 81 Datum (1955/4 EBM-v4)	
Farm: Mimosas 81 JQ	
Constant	0,000
Pnt	Y
MA	-1226,784
MB	-2045,086
MC	-1947,131
MD	-2613,578
ME	-2517,388
MF	-4924,450
MG	-5319,070
MH	-4730,559
MJ	-4366,410
MK	-3712,190
ML	-4127,260
MM	-4201,223
MN	-2238,051
MO	-2136,151
MP	-1732,234
MQ	-1732,235



WESIZWE MINE - EIA / EMP
MINING RIGHT AREA

PLAN 2a

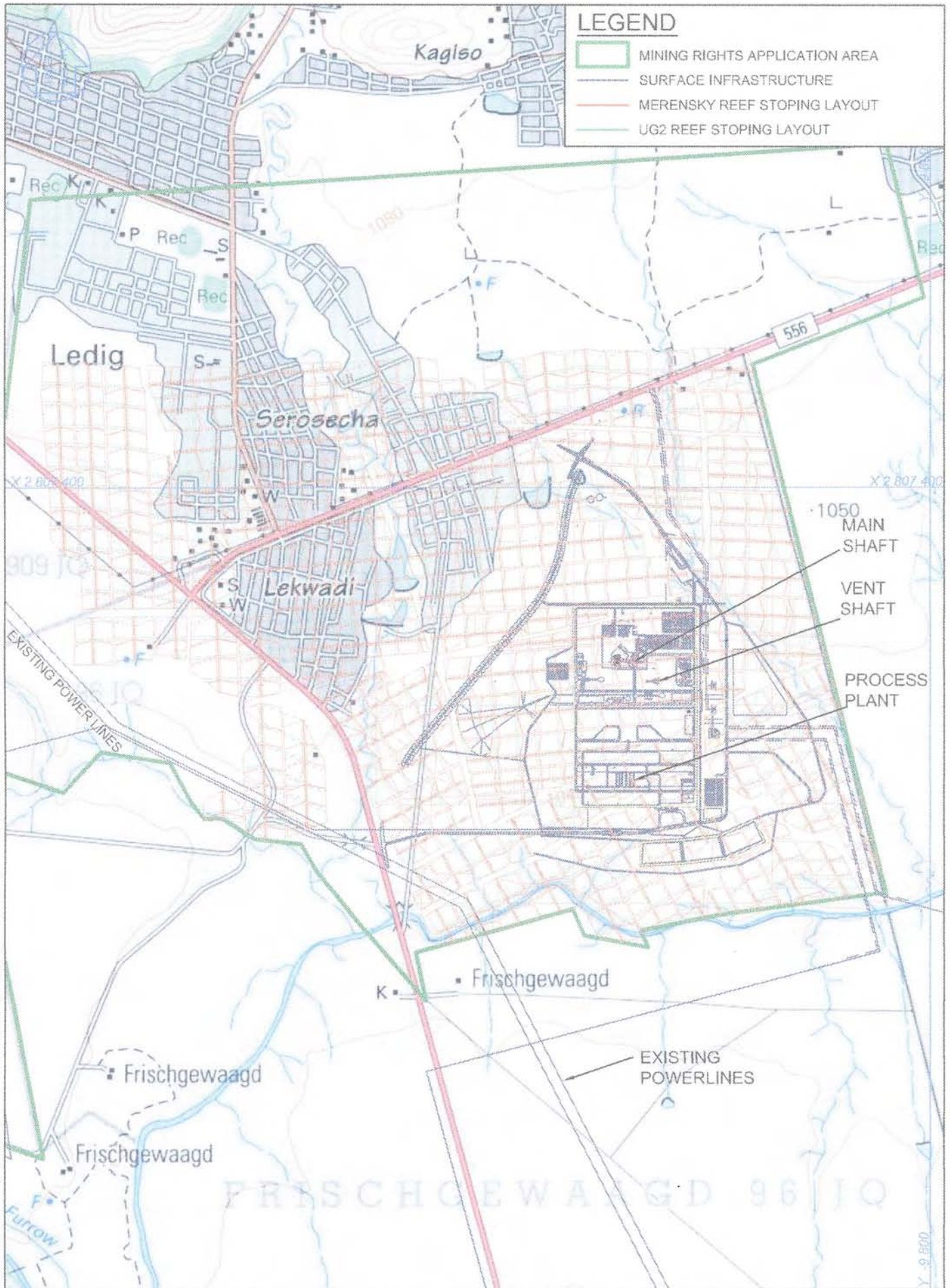
16/10/2015

DATE: 18/03/08
SCALE: 1:50 000
DWG No: TWP ES 070660-038 RA
ISSUED FOR INFORMATION

TWP-ES

G:\070660\ - WESIZWE\8. ENVIRONMENTAL MANAGEMENT\DRAWINGS

Appendix 2.
Mining Layout



TWP-ES
 DATE: 22/10/2007
 SCALE: 1 : 25 000
 DWG: TWP ES 070660 022 R C

WESIZWE MINE - EIA / EMP

PLAN

MINING LAYOUT

3

G:\070660 \8. ENVIRONMENTAL MANAGEMENT\8.4 DRAWINGS\

[Signature]
 6/OCTOBER/2015

- **Database**

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
Project Team									
	Chiara Kotze	SLR Consulting	Project manager assistant		0114670945		ckotze@slrconsulting.com		
	Mase Ransteing	SLR Consulting	Project assitant		0114670945		mrantsieng@slrconsulting.com		
	Cathy Theron	Wesizwe					cathytheron@telkomsa.net		
	Jesica Henning	Wesizwe	Assistant				jessicaellis@telkomsa.net		
	Lungelo Nyandeni	Wesizwe			0824958289		lungelo.nyandeni@wesizwe.com		
National Authorities									
Ms	Nwabisa Qwanyashe	Department of Mineral Resources	Director General's PA		0124443880		nwabisa.qwanyashe@dmr.gov.za		
Mr	Ndudani	Department of Agriculture			021 4023019		MujahidaH@daff.gov.za		
Mr	Modisane	Department of Agriculture			0123197466		mbothem@daff.gov.za		
Ms	Sharon Molefe	Department of Environmental Affairs and Tourism	Directorate: Waste	082 522 0951	012 3999845	012 - 3207539	smolefe@environment.gov.za		
Ms	Lucia Mabuza	Department of Land Affairs	Directorate: Public Land Support Services: property research and support		012-312 9762	012-312 8135	lucia.mabuza@drdlr.gov.za	Private Bag X 833 Pretoria 0001	smukhola@nwpg.gov.za
Mr	Pieter Ackerman	DWS	Sub Directorate Instream	0828073512	0123368217	012-3367575	ackermanp@dwa.gov.za	Private Bag X313 Pretoria 0001	
Mr	Gift Bhebhe	DWS		071 506 3600			gift.bhebhe@gmail.com		
Provincial Authorities									
	Sebenzile Ntshangase	Department of water and sanitation		0828968228	0122531026		NtshangaseS@dws.gov.za		
	Dr. AT Lekalakala	Dept. of health	Head of Department		0183914006		hlobelom@nwpg.gov.za		
	Phuti mahloko	North West Parks and Tourism Board	Environmental Officer	0795656271			pmahloko@nwptd.co.za		
	Keitumetse Lobakeng	Department of public works and roads	Office Manager		0183881435		Lobakengk@nwpg.gov.za		
	D Mogoerane	Department of Transport, Roads and	Office Manager		0183819101		dmogoerane@nwpg.gov.za		
	B Mahlakoleng	Department of Transport, Roads and Community Safety			0183819101		bmahlakoleng@nwpg.gov.za		
	Precious Moalahi	Dept of Roads					pmoalahi@nwpg.gov.za		
	Johan van Wyk	Dept of Roads					vanwykj@nwpg.gov.za		
	Alfred Mafune	North West Department of Public Works and Roads	Acting Chief Director - Roads		018 388 1395		amafune@nwpg.gov.za	Private bag X2080. Mmabatho, 2735	
	Lorraine Nobela	DMR			018 487 4300	018 487 4394	Lorraine.Nobela@dmr.gov.za		
	Tshilidzi Phalala	DMR			0184874300		Tshilidzi.Phalala@dmr.gov.za		
Ms	Lerato Mokgwatleng	North West Department of Agriculture	Assistant Director	Private Number	014 597 3597	014 592 3553	lmokgwatlheng@nwpg.gov.za;	Pvt bag X82298, Rustenburg, 0300	
Ms	Lorraine Nobela	Department of Minerals Resources	Assistant Director		018 4874300 ext	0184874398	lorraine.nobela@dmr.gov.za	Private Bag A1,Kleksdorp,2570	
Ms	Ethel Madavha	Department of Minerla and Energy	Assistant Director	0823362275	0184629036	0184629036	ethel.madavha@dme.gov.za	Private Bag A1,Kleksdorp,2570	
Mr	Tshilidzi Phalala	Department of Minerals Resources			0184874300		tshilidzi.phalala@dmr.gov.za		
Ms	Petro Erasmus	Department of Water and Sanitaitaion	Senior Water Pollution	0836445735	012 253 1026/4	012 253 1026	erasmupe@dwaf.gov.za		
Ms	Solofelang Masike	Dept Water affairs and energy		082 805 9523	012-2531093	012-2531905	masikes@dwaf.gov.za	Private Bag X352 Hartebeespoort	
Ms	Lerato Mokgwatleng	North West Department of Agriculture	Assistant Director	Private Number	014 597 3597	014 592 3553	lmokgwatlheng@nwpg.gov.za	Pvt bag X82298, Rustenburg, 0300	
Mr	Ishmael Maputle	Department of Agriculture North West	Resource Auditor	083 760 5346	018 294 3343	018 2974642	ishmaelm@nda.agric.za		
Ms	Batlang Lekalake	Department of Land Affairs: North West Klerksdorp			018 462 9045	018 462 9083	blekalake@dia.gov.za	PO Box 10039,Klerksdorp,2517	
Mr	Chris van Schalkwyk	DLA							
Ms	Paula Mongae	Department of Land Affairs: North	Chief Director	082 851 0205	018 397 9700	018 381 4040	ppkmongae@dia.gov.za	P/Bag X74 Mmabatho 2735	

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
Mr	HH Zackey	Department of Land Affairs: Bojanala	Manger		012 252 3505	012 252 4100	hugh.zackey@drdlr.gov.za		
Ms	Keoagile Sitatse	Department of Public Works & Roads		0829552585	0183881398	0866461255	Sitatse@nwpg.gov.za	Private Bag X 2080 Mmabatho,	
Mr	Nic van Staden	Department of Transport, Roads and Community Safety: North West	Head of Department		018-387 4707		nic@nwpg.gov.za		
Mr	Eddie Thebe	Department of Transport, Roads and Community Safety: North West			018-3929496		Ethebe@nwpg.gov.za		
Ms	Desiree Dibetsoe	Department of Transport, Roads and Community Safety: North West	Assistant to Head of Department		018-387 4735		ddibetsoe@nwpg.gov.za		
Mr.	O. Mokate	Department of Health North West	Deputy Director Environmental Health	082 578 4061	018-397 2605		omokate@nwpg.gov.za	Private Bag X 2068 Mmabatho 2135	
Mr	DE Ndlovu	Department of Health North West	Health inspector	083 515 3120	014 555 6190	014 555 6655	rkabugujjo@nwpg.gov.za	Private Bag 1045 Mokwase 0314	
Ms.	Miriam Legana	Department of Social Development North West	Regional Manager: Bojanala District	083 626 0934	014-594 0124	014-592 4759	mlegana@nwpg.gov.za	PO Box 61 Rustenburg 0300	
	Ragna Redelstorff	South African Heritage Resources Agency (SAHRA)	Case officer			+27 (0)21 462 8651	rredelstorff@sahra.org.za		
Mr	Phillip Hine	South African Heritage Resources Agency (SAHRA)	SAHRA Head Archaeologist (Acting)				phine@sahra.org.za		
Ms	Natasha Higit	South African Heritage Resources Agency (SAHRA)	Heritage Officer				nhiggitt@sahra.org.za		
Ms	Julia Dipale	South African Heritage Resources Agency (SAHRA)	Cultural Officer		018-381 2032	018-381 6953	jdipale@nw.sahra.org.za; kmokgophe@nw.sahra.org.za; somarw@nw.sahra.org.za	PO Box 3054 Mmabatho 2135	
Ms	K Mokgophe	South African Heritage Resources Agency (SAHRA)	Provincial Manager	072 425 4770	018-381 2032	018-381 6953	kmokgophe@nw.sahra.org.za	PO Box 3054 Mmabatho 2135	
Mr	Aaron Kharive	DME	Deputy Director	082 467 0912	018-4641631	018-4629036	aaron.kharive@dme.gov.za	Private Bag A1, Kleksdorp, 2570	
Mr	Marchand Le Roux	North West DEPT agri, cons, envir		082 929 7796	014-597 3597	014-5923553	lerouxm@nwpg.gov.za	PO Box 6649 Rustenburg,	
Ms	Lerato Mokgwatheng	North West DEPT agri, cons, envir		084 580 6147	014 597 3597	014-597	imokgwatheng@nwpg.gov.za	Private Bag X82055 Rustenburg	
Mr	Tshepo Moremi	NW Dept Agri, Cons, Envi & tour	Director	082 450 5346	018-3895772/5111	018-3895434	tshepomoremi@nwpg.gov.za	Private bag X2039 Mmabatho, 2735	
Mr	Mafu Nkosi	NW Dept Agri, Cons, Envi & tour	Director	0786207489	018 389 5341	018-3895434	mnkosi@nwpg.gov.za		
				0722496048					
Mr	Bryan Tladi	NW Tourism & environ conserv		082 450 5209					
Mr	Peter Leitner	North West Parks and Tourism Board	Parks Manager	082 781 5708	014-5555 351	014-5555 871	pleitner@nwptb.co.za	PO Box 1201 Mogwase 0314	
Mr	Mike Crowser	North West Parks and Tourism Board		082 773 0427					
Mr	JJ Tselane	Dept Public Works		083 628 5508	018 387 2070	018 387 2068			
Mr	Kevin Khoza	Elands Hex River Water Forum					KhozaF@dws.gov.za		
District Authority									
Mr	Innocent Serovha	Bojanala District Authority	Municipal Manager	0145904500	014 590 4502	014 597 0306	innocents@bojanala.gov.za		
Mr	Gwetesh Daya	Bojanala District Authority	Direct technical services		014 590 4603	014 597 3187	nelifiweq@bojanala.gov.za		
Ms	Kgomotso Setshego	Environmental Officer Bojanala		084 510 5853	014-594 2332 / 4500	014-592 3949	kgomotsos@yahoo.com	PO Box 431 Tlhabane 0309	
Local Authorities									
Mr	P Shekoane	Moses Kotane Local Municipality	Acting Municipal Manager		014-555 1300	014-555 6368	municipalmanager@moseskotane.gov.za	Private Bag X1011 Mogwase 0314	
Mr	Lucky Moate	Moses Kotane Local Municipality		0824672899	0145556321		speakersecretary@moseskotane.gov.za		
Mr	Upa Mohupelo	Moses Kotane Local Municipality		0824128819	014 5556321		Mohupelo@webmail.co.za		
	Fetsang Mokati Thebe	Moses Kotane Local Municipality			0145551327		clr.fetsang@moseskotane.gov.za		
Ms.	Sesang Mokatihebe	Moses Kotane Local Municipality	Mayor		014-555 1300	014-555 6368	mayorsecretary@moseskotane.gov.za	Private Bag X1011 Mogwase 0314	

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
Mr	Comfort Molokoane	Moses Kotane Local Municipality	Director: Community Services, Environment		014-555 1300	014-555 6368	molokoanec@moseskotane.gov.za	Private Bag X1011 Mogwase 0314	
Mrs	R Diale	Moses Kotane Local Municipality	Speaker		014-555 1300	014-555 6368	speakersecretary@moseskotane.gov.za	Private Bag X1011 Mogwase 0314	
Clr.	Jacob Mzizi	Rustenburg Local Municipality	Phatsima Councillor: Ward 1	0736660160/0716127180	014-555 6321	014-555 6368	peterspeakersecretary@moseskotane.gov.za	PO Box 238 Ledig 0338	
Ms	Maki	Moses Kotane Local Municipality	Phatsima community leader	0834874721					
B	B. Bodo	Moses Kotane Local Municipality	Phatsima community leader	0783765607					
Clr.	Jafta Masilo	Moses Kotane Local Municipality	Ledig Councillor: Ward 14	0823079705	014-555 6321	0145557635	speakersecretary@moseskotane.gov.za	PO Box 99 Baratheo, 0338	
Clr.	Rose Lukhele	Moses Kotane Local Municipality	Ledig Councillor: Ward 28	079 126 2496	014-555 6321	0145557635		PO Box 144 Baratheo, 0338	
	Chonko Monnakgotla	MKLM		0728037520/0780190694			cmonnakgotla@gmail.com		
	Bafedile Masemola	MKLM	IDP Manager	0824676740					
		MKLM	Ledig ward committee member						
	Rose Masilo	MKLM	Ledig ward committee member	0737983226					
Clr.	Triphosa Monnakgotla	Moses Kotane Local Municipality	Ledig Councillor: Ward 30	072 803 7520	014-557 3092	0145557635		PO Box 111 Sun City, 0316	
Ms	Sharon Rasepai	Moses Kotane Local Municipality	Environmental Department	0716780226	014 555 1406				
Mr.	Advocate bheki khenisa	Rustenburg Local Municipality	Municipal Manager		014-590 3551	014-590 3410 /	munman@rustenburg.gov.za	PO Box 16 Rustenburg 0300	
Mr.	Councillor Mpho khunou	Rustenburg Local Municipality	Mayor		014-590 3004	014-590 3006	mmokgosi@rustenburg.gov.za	PO Box 16 Rustenburg 0300	
Mr	Thenjiwe Genu	MKLM	Ward committee member: youth desk	0723241130					
Mr	Nthabiseng Mollo	MKLM	Ward committee member: youth desk	0763950189					
Mr	Amos Mataboge	For the mayor/ Rustenburg Local Municipality	Member of mayoral committee	082 563 8492	014 590 3060	014 590 3070	lmataboge@rustenburg.gov.za tmtotshwane@rustenburg.gov.za		
Mr.	Kelebogile Mekgoe	Rustenburg Local Municipality	Environmental officer		014-590 3075	014-590 3060 /	kmekgoe@rustenburg.gov.za	PO Box 16 Rustenburg 0300	
Ms	Queen Imafiku	Rustenburg Local Municipality	Manager: integrated environmental management		014-590 3075	014-590 3070		PO Box 16 Rustenburg 0300	
Public Stakeholders									
Ms	Katlago Motlhabane	Eskom: Rustenburg	Environmental Practitioner	073 1385668	014-565 1137	014-565 1131	mothlakn@eskom.co.za	PO Box 1319 Rustenburg 0300	
	Hendrick Mduli	Concerned Group	Member	0823605685			hendrick@pktravelntours.co.za		
	T Kgogong	Secretatry		0834251772					
Mr	Ben Mooki	Eskom: Rustenburg	Lands & Rights	082 877 1580	183816118	014-565 1131	Mookikb@eskom.co.za	PO Box 1319 Rustenburg 0300	
Mr	Patrick Ngubeni	SANCO	Chairperson	0732346053					
Mr	Tonny Moloko	Bakubung Church Council	Chairperson	0734380751					
	Tebogo Matima	Wesizwe					Tebogo.Matima@wesizwe.com		
	Lion Phasa						Lion.Phasa@wesizwe.com		
	Kedibone Moreki	Arekopaneng Youth Organisation	Chairperson	0763062083					
	Onkopotse Leoto	YCL		0824011671			bromhlinec@webmail.co.za		
	M.E Mollo	Principal Association	Chairperson	0837855368			60010474.mphuphuthes@gmail.com		

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
	Thabo Letshwiti	ANC Ward 28	Member	0847713676					
	Bheki Vilakazi	ANC Ward 30		0823276816					
Mr	Lebogang Molefi	Lasuma Taxi Association	Chairperson	0829341382			lasumata@yahoo.com		
Mr	Ben Gumbi	Bakubung Community Trust	Trustee	0767604003					
Ms	Thembi Khetse	Masizane Oldies Orphanage	Director	0716103312					
	Motlalepule Mpangeva	Rebone Development and Child Care	Director	0731492354					
	David tseladimitloa	Dikgoro	Chairperson	0782843393					
	Mooketsi Mdaki	Ipopeng Youth Organisation	Chairperson	0786188977			mdaki.mooketsi@gmail.com		
	Nomzamo Mangena	Rebone Development and child care	Operating director	0788343152			nomzamo@rebonesafety.co.za		
	Zanele Sithole	Lledig Sun-newspaper	Journalist				zanele.sithole@gmail.com		
	Thembi Gumbi	Youth Structure	Member	0833480808					
	Dan Mgankene	Ledwene Trading		0827397271			mphongakane@yahoo.com		
	Walter	Walter		0788514576					
	Nonhlanhla Gule	Youth Structure	Member	0825371315					
	Vee Rabasotho	Youth Structure	Member	0766172021					
	Neo Senosi	Youth Structure	Member	0787925681					
	Lucy	Bakubung		07880370820					
	Arthur Molotsane	Gretaer Lekwadi	Chairperson	0792904936					
	Diamile Jomo	Bebf		0736151415					
	ANC Section	Lizzy Kgame	Secretary	0721087160					
	Motaung Busang			0833117068					
	BT Changala Bubu		Chairperson	0761169942;0835095183					
	Godfrey Sipho	Areate		08782791460					
	Jabo Sidu	Tekwadi		0711672216					
	Rebone	Rebone safet and environmental consultants	CEO	0788343152					
	Nthabiseng Moate	Tapologo Orphanage	Co-ordinator	0795405801					
	Dudu Mtshali	Tapologo Orphanage	Care giver	0719917598					
	D.J D Phologane	BEDU	Chairperson	0145513900					
Mr	Withold Bryszewski	Private consultant	Air pollution control officer	0829276847	012-3484641	012-3484641	wibry@telkomsa.net	PO Box 73002 Lynnwood Ridge 0040	
Farmers									
Mr	Johan-Chris Grobler (Diseased)	Witkrans Citrus Nursery	Owner	082 922 1579	014 573 3036	014 573 3036 ask for	witkrans1@mweb.co.za	PO Box 17, Boshhoek, 0301	
Mrs	Linda Grobler	Witkrans Citrus Nursery	Owner	082 4144 739					
Mr	Billy Few	Frischgewaagd 96JQ	Hireing	769 671 213					
Mr	Andries van Vuuren -	Frischgewaagd 96JQ	Owner	083 625 3539	011 907 7286 / 011 386 6022	011 882 9931	andries.vvuuren@nhls.ac.za		
Mr	Low Coetzer	Sundown Ranch Complex	Manager	083 633 4905	014 573 1000	014 573 1055	sundownranch@hotmail.com		
Mr	Riaan Coetzer	Sundown Ranch Complex			014 573 1000	014 573 1055	webmaster@sundownlionpark.com		
Mr	Nico Claasen	Sundown Ranch Complex	Attorney		014 529 0361	014 529 0361	rbehrens@telkomsa.net nclaasen@telkom.net		
Mr	Herburt Few	Swaarverdiend	Owner	082 397 7707		014 5733 554			
Mr	Isaac Gumbi	Ipopeng Hlanganani Farmers Association	Chairperson	0732234738			mongalalorato@gmail.com		

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
Mr	Antonie Lit	Swart koppies - Swaarverdiend	Owner	073 254 6509	014 5733 553	015 5733 553			
Mines									
Mr	Jacobus Malan	Anglo Platinum	Regional environ manager	083 455 2783	014-591 4261/2	014-5914267	jmalan@angloplat.com		
Mrs	Annah Kgaswane	Impala Platinum mines	Environmental manager		014-569 7075	014-5697056			
Mr	Gert Pretorius	Platinum Group Metals (Maseve)					gertenes@lantic.net		
Mr	Mike Wasserfall	Platinum Group Metals (Maseve)		082 448 8955			mwasserfall@platinumgroupmetals.co.za		
	Glenn Harris	Royal Bafokeng Platinum	Head of Operations				glennh@bafokengplatinum.co.za	P O Box 2283 Fourways 2055	
	Neil Carr	Royal Bafokeng Platinum	Executive head: Operations				neilc@bafokengplatinum.co.za; neil@bafokengplatinum.co.za	P O Box 2283 Fourways 2055	
	Tshego Tyira	Royal Bafokeng Platinum	Head: Corporate Sustainability		(010) 590 4539		ttyira@bafokengplatinum.co.za	P O Box 2283 Fourways 2055	
	Jaco Vermeulen	Royal Bafokeng Platinum					jacov@bafokengplatinum.co.za		
	John Gould	PTM (RSA) Pty Ltd		0828218972			jpgould@worldonline.co.za		
Mr	Leka Monama	Royal Bafokeng Platinum, Styldrift Mine	Mining Manager Styldrift		(014) 573 2252 / 014 5731474	014 5731479	lmonama@angloplat.com	Post net Suite 347 Private Bag 82245 Rustenburg 0300	
Ms	Malebabo Tsolo	Royal Bafokeng Platinum	Environmental Manager	0824702821	(014) 573 1528	(014) 573 1583	MalebaboT@bafokengplatinum.co.za		
	Chrisna Von Allemann	Royal Bafokeng Platinum	Mineral Rights co-ordinator	0810112039	0145731346		chrisnava@bafokengplatinum.co.za		
Mr	Mzamani Mdaka	Sinvent Investments 182 (Pty) Ltd		0828195398			mzamanim@vodamail.co.za		
Local Tourism Developers									
Mr	Roger Newton	Legacy Resorts / Bakubung Lodge	General Manager		014-552 6336	014-552 6366	rnewton@legacyhotels.co.za	PO Box 6805 Rustenburg 0300	
Ms	Karen Finley	Legacy Resorts / Bakubung Lodge			014 552 6000	014-552 6367	kfinley@legacyhotels.co.za		
Mr	Mike Svan Vuuren	Sun City	Resort operations manager		014-5571550	865149492	mike.vvuuren@suninternational.com		
Ms	Daniel Boscoff	Sun City	Environmental Project Manager	082 295 3165	5573079		Daniel.boshoff@suninternational.co.za	PO Box 6805 Rustenburg 0300	
Labour Unions									
Mr	Lazarus Ditshwene	NUM			014-5965227	014-5965061			
Mr	Solly Matheba	(federated mining and Allied industries workers (FMU)		082 369 7322	014 592 5658	014-597 2241	fmuorg@telkomsa.net	32 Nelson Manda Drive, Frankfort building room 8 and 9, Rustenburg	

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
Mr	Theunis van Schalkwyk	MWU	Regional organiser		014-5924334	014-5924371	theunis@solidariteit.co.za	PO Box 1310 Rustenburg 0300	
Environmental Groups									
Mr	Thea van Steenderen	Pilanesberg Wildlife Trust	Manager	072 607 3465	014-5551622	014-533 1795 086 890 160	liaisepwt@mweb.co.za theadj@mweb.co.za	PO Box 1201 Mogwase 0314	
Mr	Chris de Bruyn	NW Ecoforum	Chair	082 823 3815	182909671	014 592 3400	iti31424@mweb.co.za; chrisdebruyn1958@gmail.com		
Mr	Manfred Suhr	NW Ecoforum	Spokesperson	082 833 1755	014 536 3124	014 536 3124	maos@gwisa.com		
Ms	Erika Wenhold	NW Ecoforum					mabeu@telkomsa.net	PO Box 277 Kroonal 0350	
	Lemson betha	Wildlife and Environmental Society of South Africa (WESSA)	Environmental coordinator	082 296 1393	011 462 5663	011 462 8364	lemson.betha@wessa.co.za	PO Box 435 Fernale 2160	
Nature Reserves and Conservancies									
Ms.	Valerie Melk	Pilanesberg National Park	Tourism Manager	078 403 0404	014-555 1600	014 555 5525	vmelk@nwptb.co.za; pilanesberg@nwptb.co.za		
Mr.	Stephen Dale	Pilanesberg Game Reserve	Field ecologist		014-555 5355	014 555 5525	sdell@nwptb.co.za		
Mr	Mike Crowther	Pilanesberg Game Reserve			014 555 5355	014 555 5525	mcrowther@nwptb.co.za		
	J Maoka	Pilanesberg National Park	Park Manager		0145551600	0145551625	jmaoka@nwptb.co.za	PO Box 1201, Mogwase, 0314	
Ms.	Sarah Mahoka	Pilanesberg Game Reserve	Community Liaison officer		014-555 5355	014 555 5525	smaoka@nwptb.co.za		
Ledig stakeholders									
Traditional Council									
Ms	Margeret Monnakgotla	Bakubung-Ba-Ratheo Traditional	Acting Kgosi	0824856848		0866492134		Bakubung Traditional Council	
Ms	Lesego Monnakgotla	Bakubung-Ba-Ratheo Traditional Council	PA to royal family	0796874538		0867262841/ 0866126494			
	Tribal office	Bakubung-Ba-Ratheo Traditional Council	Kgosigadi		0145513926	0145513926			
Mr	Mishak Monnakgotla	Bakubung-Ba-Ratheo Traditional Council	Royal uncle	071 876 5110					
Mr	Tebogo Matima	Wesizwe	Represents or informs the tribal council				tebogo.matima@wesizwe.com		
Commerce & Industry									
Mr	Hannes Schutte	North West Business Forum	President	083 679 1999	014-533 2811	014-533 2811	hannesnw@telkomsa.net; breytenbachs@gmail.com	Postnet Suite 887, Private Bag X 82329, Rustenburg 0300	
Mr	Thabo Moseki	Rustenburg Association of Business			014-590 6263	014-590 6002	tmoseki@xstrata.co.za		
Mr	Fredo	Sun Village Shopping Centre	Owner	082 977 3106	0145523311/12 3462926	012-3460458	sunvillage@retail.spar.co.za		
Mr	Stephen Tsebe	Matarora Forum		083 366 1104		014 569 6531			
Mr	Greg Martindale		Oryx Environmental	0828044412	0118805204		martindale.greg@gmail.com		
Mr	Peter Tsambo	Sun Village Shopping Centre (First Property)	Complex Manger	083 627 2605	014 552 1691				
	Conrad Dreyer	Engen Sun city		0829004706	0145521295		suncityzenex@mweb.co.za		
	Hanif Graul	Sun City			0145571311		hgraul@sunint.co.za		
	Mike Zooste	TWP		0826062666	0113567300		mzooste@twp.co.za		
	Manie Lourens	Solidarity			0145924336		manie@solidariteit.co.za		
	Andrew Jackson	Ivory tree game lodge		0734211040	0145568108		andrew.j@ivorytree.co.za		
	R. Gaolaolwe	North West Parks			0145555352		ngaolaolwe@nwptb.co.za		
	Andrew Kaame	Ntsetsemame		0847713670					
	Thea Streedereu	Pilanesburg Wildlife Trust		0726073465			theadj@mweb.co.za liaisepwt@mweb.co.za		
	Peter Wright	Cradle of Pilanesburg		0861373265			mikeswright@yahoo.com		
	Victor Masondo	BBF		0827458551					
	CW de Soy		NWFF						
	GR Needham	Sun City		0827144838			gneedham@sunine.co.za		

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
	Ruan Soies	Sun City					rspies@sunint.co.za		
	Isabel Swart	Sun City					iswart@vodamail.co.za		
	Tshepo Lenake	Rust Municipality					tlenake@rustenburg.gov.za		
	Biana Meyer	TWP-ES		0826842717			bmeyer@twp.co.za		
	Michelle Kilbanhoun						michelekla@mweb.co.za		
	Lucy Koeslag	Ecolaw		0823321717	0117947027		lucy@ecolaw.co.za		
	Jacob Mothomogolo	TWP Consulting					mogole@twp.co.za		
	Floris Esterhuizen	Wesizwe Owners Team		0824546773			festerhuizen@twp.co.za		
	Imran Bakhas	Invest North West		0721504850	0145942570		imraan@inw.org.za		
	Raymond Strydom	Solidarity		0767745975			raymonds@solidarity.co.za		
	Kelebogile Mekgoe	Rustenburg L Mun.		0725859460	0145903185		kbopongc@rustenburg.gov.za		
	S Scrowth	North West Parks Board		0828771580			scrowthg@nwptb.co.za		
	Chis Sing	WEF					iti31424@mweb.co.za		
	B Delarey	Monyetleng Investments		0834241005	0145511412		monyetleng@yahoo.com		
	Martha Sibanda	RTBLM Ward councillor					martha.sibanda@mweb.co.za		
	Dan Selano	Ward 2					dselano@yahoo.com		
	lauren Weymoth	Musa capital		0725149681	0117716300		lweymouth@mosacapital.com		
Mr	Peter Tsambo	Sun Village Shopping Centre (First	Complex Manger	083 627 2605	014 552 1691				
	Lilian Mazibuko	Ledig		0794184281	0145512010			P.O Box 563 Ledig 0316	
	S Lekhegethenyane	Monyetleng Inn		0824583453	014551412			P.O Box 2634 Sun City 0316	
	B Dewaney	Monyetleng Inn		0834241005	014551412			P.O Box 2634 Sun City 0316	
	Dineo Mogodiello	Ledig		0761939754				P.O Box 193 Baratheo 0338	
	Mantsho Lesego	Ledig		0762762002				P.O Box 193 Baratheo 0338	
	Emily Maseko	Ledig		0728590520				P.O Box 613 Baratheo 0338	
	Samuel Sibeko	Ledig		0839514698	0145512010			P.O Box 563 Ledig 0316	
	Joyce Sibeko	Ledig		0794184281	0145512010			P.O Box 563 Ledig 0316	
	Emmanuel Seboe	Ledig		0761097690				P.O Box 563 Ledig 0316	
	Muzi Jiyane							P.O Box 563 Ledig 0316	
	Tshepo Legwale	Ledig		0792951316	0145522178			P.O Box 112 Suncity 0316	
	Bakubung Council	Dikgoro (Clans)		0769128130					
				072 6050 624					
	Bakubung Council	Ipopeng Business Forum		0839341382					
	Bakubung Council	Bakubung Professional Association		0833514021					
	Bakubung Council	SAWIC		0834653006					
Mr	du Toit	Agri North West			0186322987	0186322512	dutoitboeta@mweb.co.za; agrinw@lantic.net		
		Lit Chicks	Owner		0142733253			P.O Box 696 Rustenburg 0300	
	Herbert Few							P.O Box 212 Boshhoek 0301	
	JC Grobler	Private consultant		0829221579	0145733036	0145733036	witkrans@mweb.co.za	P.O Box 17 Boshhoek 0301	
	Poppy Sana Dlamini			0783354032				P.O Box 1570 Sun city 0316	
	Patience Kuna			0744423667	0744423667			P.O Box 0316 Baratheo 3216	
	Solly Matheba				0145972241			P.O Box 2645 Rustenburg 0300	
	Matthew Egan			0824565106	0118883097		jpscont@iafrica.com		
	Andrew Simaan			0827773210			asimaan@furnex.co.za		
	Erika Wenhold	KWEF		0827837004			mabru@telkomsa.net		
	Lydia Mooi			0832454124				P.O Box 3009 Sun city 0316	
	Fiona Crawford	WOT		0827749966	0113567505		fionacrawford@iot.co.za		
	Michele Kelibouhouw	WOT		0824557601	01180427555		michelekl@mweb.co.za		
	Charles Sambo	Wesizwe		0825675184	011994601		sambo@wesizwe.com		
	I D Zeeman								
	Kgomotso Tshaka	Wesizwe			0119944600		kgomotso@wesizwe.com		
	Louis Stroebel	Africon			0124272000		cgts@webafrica.org.za		
	Farrel Shalkaff	Sundown ranch		0741008020			anthea@simatek.co.za		
	Reynie Reyneke	Africon		0828546161			reynre@iafrica.com		
	Thea van Steenderen	Pilanesburg Wildlife Trust	Manager	0726073465	0145330934	0145331795			
	Stephen Townsend	Metro GIS		0721856986	0123492884		stephen@metrogiss.co.za		

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
Ms	Lesego Monnaggotla	Bakubung-Ba-Ratheo Traditional Council	PA to royal family	0796874538		0867262841/ 0866126494			
	Tribal office	Bakubung-Ba-Ratheo Traditional Council	Kgosigadi		0145513926	0145513926			
Mr	Mishak Monnaggotla	Bakubung-Ba-Ratheo Traditional Council	Royal uncle	071 876 5110					
	Moffet	Ledig Supermarket		0846459275					
	A Segoi	Phatsima RCC						P.O Box 775, Phatsima, 0351	
	O. Rasewa				014578000			P.O box 82055, Rustenburg, 0306	
	Lesego	Lesego Cash and Carry		0739119375				Selosecha, Ledig 2198	
Mr	Tebogo Matima	Wesizwe	Represents or informs the tribal council				tebogo.matima@wesizwe.com		
Interest groups									
	S. Clayton	Rustenburg Taxi Industry Project Office			014 590 3781 / 3782		claytons@fotconsulting.co.za	37 Benoni Street Rustenburg North 0299	
Mr	TK Kogokong	Stock Famers Association	Chair	083 425 1772					
Mr	David	Love life		072 269 6174					
Ms	Suzy Mazaleni	Phemelo Home Based Care		078 241 7360/073 4447023				11249 Ext 11 Sunrise Park Protea Park 0299	
	Mrs Barbara Delaney / Mr Sammy Lekgethenyane	Monyetleng Investments CC, Shop 23, Ledig Small Industries		083 424 1005	014 551 1412		monyetleng@yahoo.com	PO Box 2364, Sun City, 0316	
	Lyn van Zyl	Bakubung Bush Lodge		014 552 6006			ivanzyl@legacyhotels.co.za		
		Manyane Golden Leopard Resort		014 555 1000			reservation1@goldenleopardresorts.co.za;	Manyane Resort, Pilanesberg National Park, Rustenburg, North	
	Joel Papenfus	Bakgatla Resort			014-5551045		marketing1@goldenleopardresorts.co.za		
Ms	Caroline Molefi	Education forum Ledig	Principal	082 693 1584					
Mr	Pine Nut	Taxi Association	Chair	082 596 2068					
	Mrs Barbara Delaney / Mr Sammy Lekgethenyane	Monyetleng Investments CC, Shop 23, Ledig Small Industries		083 424 1005	014 551 1412		monyetleng@yahoo.com	PO Box 2364, Sun City, 0316	
	Mr Pholo Golo	History of Bakubung ba Ratheo	Ethnologist	018 387 2401					
	Lyn van Zyl	Bakubung Bush Lodge		014 552 6006			ivanzyl@legacyhotels.co.za		
Ms	Elma Labuschagne	Legacy hotels (Bakubung, Kwa Maritane and Tshukudu)		0824584651	0118066888 / 0800 468357	011806 6899	hotels@legacyhotels.com		
	Joel Papenfus	Bakubung Bush lodge	General Manager	014 552 6000	0145526003		bakubung@legacyhotels.com; jpapenfus@legacyhotels.com		
	Danie Boshoff		Environmental Manager Sun City Resort	+27 82 801 6115	Tel (Direct): +27 14 557 3079		daniel.boshoff@suninternational.com		
	Graeme Stephens	Sun International	CEO		011 780 7688 / +27 11 780 7000		graeme.stephens@suninternational.com	PO Box 782121 Sandton 2146	
	Nancy Ncube	Sun International	Group Manager – Socio Economic Development		+27 11 7807427		ncube1@suninternational.com		
	Mandy Clifton-Smith	Sun International	Group Environmental Manager		+27 11 780 7558		mandy.cliftonsmith@suninternational.com		
	Joanne Selby	Palace of the Lost City	General manager		+27 14 557 4307		joanne.selby@zm.suninternational.com; joanne.selby@suninternational.com	Palace of the Lost City, Sun City Resort, 0316	

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
Mr	Mike van Vuuren	Sun City	General manager		014 557 4552/ +27 14 557		mike.vvuuren@suninternational.com; scengc@suninternational.com	Sun City Resort 0316	
	Patrick Serakwane	Kwa Maritane Bush Lodge	General Manager		014 552 5100	014 552 5333	kwamaritane@legacyhotels.com; pserakwane@legacyhotels.com		
	Shawn Catterall	Tshukudu Bush Lodge	General Manager		(0) 14 552 6255	(0) 14 552 6266	tshukudu@legacyhotels.com; scatterall@legacyhotels.com		
	SANRAL Northern Region	T Mahlaku	North west	0619554852	(0)124266200	(0)123481512	kwafodm@legacyhotels.co.za mahlakwanat@nra.co.za	Private Bag X17, Lynnwood Ridge, 0040	
Phatsima community									
	Aubrey Botswe	Phatsima		0737303597				Phatsima 2020, Sectio 1105, 0300	
	Paul Seoke	Phatsima		0835176651					
	Majanko Dibe	Phatsima		0835084439			dibedaniel82@gmail.com	P.O Box 93, Phatsima, 0351	
	Modise Seoke	Phatsima		0835412765					
	Refilwe Ramosotho	SASEA		0769732399			refilwera@sassa.gov.za	P.O Box 1444, Phokeng, 0335	
	Mmathabo Morake	SASSA		0722391597			mmathabom@sassa.gov.za		
	Noli Mary Makhubo	Phatsima		0711383603			noli@macons.co.za		
	Elizabeth Segone	Phatsima		0787689840				P.O Box 23 Phatsima	
	Annah Tshose	Phatsima		07221784161				P.O Box 628 Phatsima	
	Lorraine Selemela	Phatsima		0733476738				P.O Box1528 Phatsima	
	Basedi Nisawe	Phatsima		0733015544				P.O Box 503 Phatsima	
	Franula Xabasiso	Phatsima		0769579828			mabel.xabasiso@gmail.com	P.O Box 151 Phatsima	
	Samuel Segwe	Phatsima		0721150826				P.O Box 957 Phatsima 0351	
	Balegen G Setsome	Phatsima		0725495051					
	Lerato Gouwe	Phatsima		0738019492				322 Spara Mkhodo	
	Maria Sumako	Phatsima		0836218326					
	Onnica Rachlious	Phatsima		0798624864					
	Wolf S.M	Phatsima		0738577556					
	Magdeline Rantsopeng	Phatsima		0785239263				1803 Extension 2	
	Joseph Polelo	Phatsima		0733808643				1821 Sun city 0316	
	Veronica Madubu	Phatsima		0783838246				265 Spara Mkhondo Section	
	Petrus Kowdile	Phatsima		0782357255					
	Timbane Eseu	Phatsima		0718460919				1335 Chris Honey Section	
	Maria Mokupi	Phatsima		0835445672				Box 659 Phatsima Section	
	Hendrick Kepu	Phatsima		0633511901				Box 417 Phatsima	
	Jan Tokwana	Phatsima		0791412112				Box 417 Phatsima	
	Pasullah Mzekem	Phatsima		0717450301				Box 7 Phatsima	
	Aron Mzekem	Phatsima		0755918036					
	Tlaleng Moss	Phatsima		0736574664					
	Pauune Noremela	Phatsima		0784283752					
	Katlego Madikologo	Phatsima		0839773837				Box 565 Phatsima	
	Garaboe Hubese	Phatsima		0783870311				P.O Box Phatsima	
	Sylvia Kondile	Phatsima		0780112383					
	Eunice Thandiyana	Phatsima		0790904112					
	Reebcca Chaoke	Phatsima		0731437929				1808 Phase 2	
	Setsego Molebatsi	Phatsima		0734719112				2466 Sun City	
	Mariekie Molebatsi	Phatsima		0836969967				P.O Box 44, Phatsima	
	Nthabiseng Mthale	Phatsima		0739100560				P.O Box 620 Phatsima	
	Sinati Mophuting	Phatsima		0718022121					
	Xengeni Vuso	Phatsima		0784478601				582 Phatsima	
	Dhladhla Fedile	Phatsima		0710206033				1462 Phatsima	
	Joseph Nkabi	Phatsima		0712422709				269 Phatsima	
	Thembeka Ngeku	Phatsima		0784892421				637 Phatsima	
	CA Serekwa	Phatsima		0785430488					

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
	Mothusi Mphato	Phatsima		0718093087					
	Lebogang Mogorosi	Phatsima		0780430073					
	Zodwa Femele	Phatsima		0737955333				P.O Box 576 Phatsima 0351	
	Toter Khunou	Phatsima		0787581474				P.O Box 935 Phatsima	
	Tebogo Tlhage	Phatsima		0622129400				P.O Box 1810	
	David Mokomo	Phatsima		0783890258					
	Abraham Mowyele	Phatsima		0762907090				P.O Box 200 Phatsima	
	Beven Mfundisi	Phatsima		0782650882				P.O Box 666 Phatsima	
	Mimi Koeberg	Phatsima		0765637721				P.O Box 1670 Phatsima	
	Tshidi Molwanta	Phatsima		0607658629					
	Zengile Mojombosi	Phatsima		0798366438			zmaombosi@gmail.com		
	Annah Femele	Phatsima		0767446382					
	Thapelo Senne	Phatsima		0767446322					
	Rebecca Masisi	Phatsima		0785440970					
	Tiro Dube	Phatsima		0732622872					
	Petronella Molekwa	Phatsima		0789787713					
	Pooe Zelba	Phatsima		0829305419				P.O Box 1563 Phatsima	
	Letta Letsholo	Phatsima		0739194307					
	Moraloki Matshidiso	Phatsima		0785602402				P.O Box 1560 Phatsima	
	Tshidi Yoyo	Phatsima						P.O Box 1489 Phatsima	
	Kedi Leso	Phatsima		0722142205				P.O Box 1496	
	Neo Kgaje	Phatsima		0604530594				P.O Box 1572	
	Lydia Mogajane	Phatsima		076227612				P.O Box 1363 Phatsima	
	Peter Molefi	RLM		0849750288				P.O Box 1077 Phatsima	
	Portia Malangeni	Phatsima		0717105239					
	Letlape Pavina	Phatsima		0603530727					
	Mpofu Sibongile	Sassa		0788797815				P.O Box 444 Phatsima	
	Millicent Maluleke	Phatsima		083354395				123 Phatsima	
	Elizabeth Segone	Phatsima		0787689880				1453 Phatsima	
	Big Boy Segole	Phatsima		071759321				957 Phatsima	
	Koketso Madikwane	Phatsima		0719929192				111 Phatsima	
	Gomolemo Molefe	Phatsima		0766793953				996 Phatsima	
	Tshepo Mmlutsi	Phatsima		0604587053				1470 Phatsima	
	Rebecca Tayo	Black		0731192228				1581 Skama	
	Refiloe Pooe	Phatsima		0791002688				P.O Box 708 Phatsima	
	Hilda Naube	Phatsima		0782213476				P.O Box 458 Phatsima	
	Dorothy Segone	Phatsima		0782612343				1454 Phatsima	
	Adrey Segone	Phatsima		0739950219				1454 Phatsima	
	Dinah Mashiyane	Phatsima		0737407031				1480 Phatsima	
	Rebecca Mashiyane	Phatsima		0748251365				1480 Phatsima	
	Abueng Phiri	Phatsima		0730009499				1252 Phatsima	
	Motlalepula Phiri	Phatsima		0730009909					
	Kelebogile Ditsebe	Phatsima		0633183098				532 Phatsima	
	Kedibone Matlhage	Phatsima		0797959329				1511 Phatsima	
	Lena Mogakabe	Phatsima						1229 Phatsima	
	Martha Lekomi	Phatsima		07830120990				P.O Box 632 Phatsima 0351	
	Caroline Molagol	Phatsima		0762800141				P.O Box 103 Phatsima 0351	
	Connie Mdulove	Phatsima		0762683091				570 Phatsima	
	Goodwill V. Nkaba	Phatsima		0849609428				P.O Box 282 Phatsima 0351	
	Kedibone Sumako	Phatsima						476 Phatsima	
	Christinah Molebetsi	Phatsima		0794822925					
	David Mokapi	Phatsima		0835495672				1074 Zozo Section	
	Dorkas Molefe	Phatsima		0786131767				P.O Box 93, Phatsima 0351	
	Tshepo Masulau	Phatsima		0789551055				P.O Box 597 Phatsima 0351	
	Suzan Motheolwane	Phatsima		071951101				P.O Box 1747 Phatsima	
	Coeleh Ntombi	Phatsima		0735658872				P.O Box 34 Phatsima	
	Bonang Mgano	Phatsima		0786766994					

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
	Elizabeth Mfundisi	Phatsima		0782113943					
	Eunice Chabinyana	Phatsima		0796766994					
	L Ngubane	Phatsima		0769443687					
	Keabetswe Naatshe	Phatsima		0607941115					
	Frans Keba	Ikageng Care centre		0732391267				1218 Phatsima Section 0351	
	Sello Mbula	Prestige		0734049079				P.O Box 1601 Phatsima	
	Regina Segane	Phatsima		0834909160				1454 Phatsima	
	Mmatsheko Segoi	Phatsima		0607710642				27 Phatsima	
	Ontlametse Seatludi	Itekeng		0717401608				137 Phatsima	
	Betty Medikoge	Phatsima		0735702459					
	Patricia Segashu	Phatsima		0789376518					
	Portia Sigashu	Phatsima		0782187336				797 Phatsima	
	Tshireletso Mjala	Phatsima		0606355399				489 Phatsima	
	Dikeledi Ndaba	Phatsima		0723549376				250 Phatsima	
	Dukie Lephoto	Phatsima		0604195130				1544 Phatsima	
	Magdeline Mogabatedi	Phatsima		0839621957				623 Phatsima	
	Sonamnes Chaka	Phatsima		0793528475				P.O Box 140 Phatsima	
	Dorah Motlajoe	Phatsima		0785747303				P.O Box 570 Phatsima	
	Paul Lethape	Phatsima		0782620022				Phatsima	
	Tshegofatso Rakhudu	Phatsima		0621376086				141 Phatsima	
	Dinah Molathage	Phatsima		0735211703				312 Phatsima	
	Lebogang Kobedi	Phatsima		0736400213					
	Malebobo Tsolo	RB Plat		0824702821			malebobo@bafokengplatinum.co.za		
	Magdelien Rantsopeng	Phatsima		0785239263				P.O Box 268 Phatsima	
	Sinah Mophuting	Phatsima		0718022121					
	Buti Ratema	Phatsima						1071 Zozo Section, Phatsima	
Ledig									
	Elsie Medupe	Ledig		0736769197					
	Aaron Maloko	Ledig	Kgosana	0786381061					
	Mierael Mkgosi	Ledig	Kgosana	0735485103					
	Loeto Lawrence	SACP		0728406277				P.O Box 65 Ledig, 0338	
	James Tsambo	Ledig	Kgosana	0608952828				P.O Box Ledig 0338	
	Lisbeth Letsholo	Ledig		0799970742				P.O Box 149	
				0723148676				Sun city	
	Robert Kunene	Ledig		0818246259					
	TD Tshedutla	Ledig	Kgosana	0724464361				P.O Box 682	
	Berth Ratshefola	Ledig		0746762805				P.O Box 2198	
	Kgothatso Sikhode	Ledig					reagileleruo@gmail.com		
	Patricia Mkhupu	Ledig		0722607096				P.O Box 70288	
	Patrick Makhudbu	Ledig		0603706705					
	A Lettla Mfalatsa	Ledig		0737340690			rakgadialetta@gmail.com		
	Onkopo Loeto	Ledig		0763790561			bromhlinc@webmail.co.za	P.O Box 65, Ledig	
	Batsile Moate	YCL		0795175555					
	Mary Diale	BCDC		0786024871					
	Happy Molomwe	Ledig		078089659				P.O Box 485, Baratheo	
	Abraham Modiko	Ledig		0719918304				P.O Box 90384, Chasablanca	
	Siya Zwane	Ledig		0825437469			siyazwane1977@gmail.com		
	Patricia Rammutla	Ledig		0765434323				P.O Box 349, Sun city	
	Thenjiwe Thapile	Ledig		0787262056				P.O Box 2823, Sun City	
	Tshepo Letshwaiti	Ledig		0765626072			obieletshwiti@gmail.com	P.O Box 403, Sun City 0316	
	Boitumelo Kubu	Ledig		0739595820				P.O Box 2592, Lekwadi	
	Morwego Ndeleni	Ledig		0817051099				P.O Box 1265, Sun City 0316	
	Themba Shabalala	Ledig		0712432547				E426 Zulu Section, Ledig	
	Pogiso Nkatsoe	Bakubung		083131089					
	Mananana Sphiwe	Ledig		0783347629				P.O Box 1103, Ledig	
	Christina Rankoko	Ledig		0727425940					

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
	Jonas Muunda	Ledig		0611200511					
	Patricia Makhwetha	Ledig		0825118202				314 Pharama, Ledig	
	Portia Makhetha	Ledig		08240180269			portiamakhetha88@gmail.com	240 Sun City 0316	
	Josephine Shongwe	Ledig		0835650377				P.O Box 539 Sun City	
	Irene Mnisi	Ledig		0631604294				P.O Box 723 Ledig	
	Esther Tihapane	Ledig		0797731742				P.O Box 701 Ledig	
	Elig Molekwane	Ledig		0783405744				P.O Box 178 Ledig	
	Joseph Mokwekwa	Ledig		0781408820				Phatsima Section	
	Phumile Mngone	Ledig		0792508547			phumzamngomezulu@gmail.com		
	Muzisoyise Mogwe	Ledig		0782295199					
	Kgomotso Koitsiwe	Ledig		0739659983			motso@gmail.com		
	Johanna Mmolau	Ledig		0783784027					
	Thabang Simelane	Ledig					thabangsimelane@gmail.com	3891 Codesa Section	
	Ntswaki Magodiela	Ledig		0739766686			mogodielantswaki@gmail.com	P.O Box 894 Ledig	
	Godfrey Shaai	Ledig		0745509141					
	J.J Zwane	Ledig		0723606123					
	Thibedi Welkemia	Ledig		0732840352				E278 Khutsong	
	Simngole Nzima	Ledig		0724225052					
	Justice	Ledig		0604186507					
	Itumeleng Zwane	Ledig		0820695561				1027 Ledig section 4	
	Bonolo Disetlhe	Ledig		0710763363				2778 Kagiso Section	
	Gideon	Ledig		0738320921				544 Kagisho	
	Boitshepo Kwati	Ledig		0789493633				2273 Selosesna	
	Martin Lekgatlhe	Ledig		0828390676				1858 Section 1 Ledig	
	David Mokoena	Ledig		0734824085				E485 Kagiso 1 Section	
	Masito Loius	Ledig		0792171384				P.O Box 330 Reagile	
	Patrick Dlayane	Ledig		0761024517				P.O Box 240 Reagile	
	Alina Sebaeng	Ledig		0735334862				282 Reagile	
	Mapule Monnathoko	Ledig		0769460435				P.O 5244 Lethabile	
	BakangTseladimile	Ledig					faithbakubung@gmail.com		
	Ishmeal	Ledig		0839742995					
	Bontle Mqoma	Ledig					obakengmqoma@gmail.com	P.O Box 3469 Lethabile 0338	
	Puseletso Mosogo	Ledig		0784051322				P.O Box 1764	
	Browa Lefiwe	Ledig		0826470920				P.O Box 12	
	Nico Hlongwane	Ledig		0847988384				House no 3308 Kagiso	
	Kgomotso Tswaedi	Ledig		0715565221/0767085418				P.O Baratheo, Ledig 0338	
	Kenneth Mokowe	Ledig					kennethmokowe@gmail.com	P.O Box 439 Sun City 0316,	
	Henry Nkosi	Ledig		0793377418					
	Clearence Mtshali	Ledig		0786792296					
	Linda Jackson	Ledig		0605578321				P.O Box 346 Sun City 0316	
	Refilwe Ntanga	Ledig		0763309770				P.O Box 2823, Sun City 0316	
	Soloman Moloko	Ledig		0735346090				P.O Box 732, Baratheo 0338,	
	Petros Mahlangu	Ledig		0742342860					
	Florence Sebaeyo	Ledig		0766325743					
	Kelebogile Moshogo	Ledig		0780415700				P.O Box 1764	
	Glan Phisi	Ledig		0722859411				P.O Box 514 Phokeng	
	Kgorapetse Mashinini	Ledig		0787506433					
	Thapiso Moloko	Ledig		0766543604			thabisomoloko39@gmail.com		
	P.N Natshe Kgomo	Ledig		0737884929					
	P Motitswe	Ledig							
	L.G Mokgosi	Ledig		0768966815				177 Sefasonke Section	
	Petronell Mogapi	Ledig		0715548982			stesalagae@gmail.com	P.O Box 1629, Sun City 0316	
	Vincent Maseko	Ledig		0718612191					
	D.N Matshetso	Ledig	Kgosana	0737884829					
	Andiswa Silinga	GGES		0110606700			andiswas@gges.co.za		

Title	Name	Organisation / Farm / Community	Position	Cell	Tel	Fax	E-mail	Postal Address	Alternative e-mail
	Tankiso Phidza	GGES		0110606700			tankisop@gges.co.za		
	Lettah Kwapeng	Private		0727709336				P.O Box 198 Baratheo	
	Gaopelelwe	Private		0736522404				P.O Box 280 Baratheo	
	Paulina Ditlese	Ledig		0780251612					
	Vusi Isumalo	Ledig		0739063379				3800 Pharama section, Ledig, 0338	
	Thabiso Mokowe	Ledig		0834206743				P.O Box 748, Ledig	
	Itumeleng Mahuma	Ledig		0799080947					
	Keitumtse Dire	Ledig		0730362750					
	Ernet Mngomfzulu	Ledig		0711155459					
	Suzan Moreole	Ledig		079141221					
	Kobedi Veronnicah	Ledig		0792260390/0835832500					
	Sheild Legobye	Private		0837764502				3836 Phatsima	
	Johanna Marware	Private		0720792240				Kagiso 2	
	Dikeledi Moloji	Ledig		0784483016				Section 2	
	Keitumtse Monkwe	Ledig		0799205358			kgokongk@gmail.com		
	Joyce Masipa	Ledig		0791413339				2035 Lekwadi	
	Ramodida Matinkane	Ledig		0735176078				3448 Ledig	
	Daniel Shabolala	Ledig		0792768839				2249 Ledig	
	Amos Tshabalala	Ledig		0849873817				Section 2	
	Gabriel van Wyk	Ledig		0818112167					
	Stanley Langa	Ledig		0839650512					
	Cynthia Mbuli	Ledig		0761701048					
	Violet Motsatsi	Ledig		0718840018				P.O Box 748 Ledig 0338	
	Thabiso Tau	Go-Agri		0768038620			thabisotau@gmail.com	P.O Box 748 Ledig 0338	
	Thulaganyo Mmitsi	Ledig		0736099418				House number 10581, Letlabile	
	Samuel Khumalo	Ledig		0763844304					
	Sibongile Sithebe	Ledig		0764097794					
	Daniel Sithebe	Ledig		0764097794					
	Karabo Modisaneng	Ledig		0717520166					
	Essay Phiri	Ledig		0725576151/0786449276				2214 Lethabile Section, Ledig, 0388	
	Nosizwe Nontlantane	Ledig		0760913823/ 0760913823				293 Zulu Section. Ledig	
	Lizzy Mokgotie	Ledig		0719998532				365 Pharama Section, Ledig	
	Betty Khasi	Ledig		0780906024				3163 Lethabile Section	
	Tshepo Masilo	Ledig		0761439985				P.O Box Sun City 0316	
	Kedibone Motshwaedi	Ledig		0734028572				4421 Kagiso	
	Solly Maponyane	Ledig		0797227057				P.O Box 1472 Sun City	
	Mavis Sibanyoni	Ledig		0760762688					
	Petrus Mothibi	Ledig		0790746512					
	Monnga	Ledig		0726521107					
	Keabetwe Legojwe	Ledig		0738234386					
	Ntombi Mohapi	Ledig		0780078206					
	Eva Mqakane	Ledig		0763886767					
	Beauty Lebethe	Ledig		0767818723					
	Ester Ngwenya	Ledig		0715306436					
	Linubuhle Makhubalo	Ledig		0733784021				2650 Kagiso II 0388	
	Khumo Mokgadi	Ledig		0793995121					
	David	Ledig		0605773298					
	Ephraim	Ledig		0614249353					
	Bonanna Mokoka	Ledig		0728983189				Khutsong Section Ledig	
	Thato Phiri	Ledig		0733058934				P.O Box 1364, Sun Village 0316	
	Lerato Molefe	Ledig		0632196945				P.O Box 1364, Sun Village 0316	
	Mduli Nhlonipho	Ledig		0849709716			wayne.mduli@gmail.com		
	Khumalo Patricia	Ledig		0797623127					

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	Bafana Nqandelo	Ledig		0719107075					
	Pousho Monnagotta	Ledig		0813611354			mosamahyolia@gmail.com		
	Sophie Tshailane	Ledig		0731465456				3060 Letlhabile section, ledig	
	Martha Shaai	Ledig		0745505746					
	Pleasure Mpofu	Ledig		0780357395					
	Promise Tshabalala	Ledig		0716143867				P.O Box 597, Barattheo 0338	
	Faith Phenduka	Ledig		0730752409					
	Mhzikotsise Khoza	Ledig		0762317332				P.O Box 864, Barattheo	
	Gogina Modisane	Ledig		0796521710				P.O Box 1552, Sun City	
	Mpho Koketso	Ledig		0761774777				P.O Box 1552, Sun City	
	Londiwe Hlongwane	Bakubung		0783798530			zodwa21062@gmail.com	284 Khotsong Section 0338	
	Jacoline Ramutle	Ledig		0796835188				1388 Section 3, Ledig 0338	
	Nkosi Mbekeni	Ledig		0732922266				672 Zulu Section, Ledig	
	John	Bakubung		083671000				3370 Kagiso	
	Tihako Bonisile	Bakubung		0722582377				52 Ledig 0338	
	Nancy Sidile	Bakubung		0719240338				3644 Letlhabile section	
	Alpheas	Bakubung		0797743241					
	Phineas	Bakubung		0787923266					
	Thabile Kubekwa	Bakubung		0760842415			kubhekathobile@gmail.com	431 Zulu Section	
	Manaleledi Maphike	Bakubung		0738204451			manalizain@gmail.com	P.O Box 310 Barattheo, Ledig 0338	
	Richard Mokgethi	Ledig		0739034901				1103 Zulu Section	
	Mpho Motsumi	Ledig		0837351859				P.O Box 885, Sun City 0316	
	Dudu Mhlanga	Ledig		0761169942/083			dudu.mhlanga@gmail.com	938 Barattheo, Ledig. 0338	
	Phumla Ndaba	Ledig		0730180716/072				938 Barattheo, Ledig. 0338	
	Kedibone Didile	Ledig		0719240338					
	Nceba Nqandela	Ledig		0731508082					
	Bishop Mothibedi	Ledig		0712900075					
	Kwenyama Knowledge	Ledig		0810521361					
	Vusimusi Phiri	Ledig		0730275655					
	Thandi Mtsweni	Ledig		0757807057					
	Simon Sello	Ledig		0768307654					
	Marma Michael	Ledig		0818431271					
	Mbekhi Mtshali	Ledig		0784149871					
	Reggie Molosiwa	Ledig		0847293911					
	Sakhile Mngomezulu	Ledig		0794854209					
	Nkululeko Nbatha	Ledig		0781853935					
	Jacon Tihapane	Ledig		0716192858					
	Sizokele Tshabalala	Ledig		0818646814				327 Zule section, Ledig	
	Lucky Monnametsi	Ledig		0784065719					
	Sithabile Dlamini	Ledig		0722562794					
	Motaung Malekaka	Ledig		0833117068					
	Quinn Modise	Ledig		0730516515				P.O Box 285, Sun city, 0316	

- **Background information document in English and Setswana**

TOKUMENTE YA TLHALOSO

Diphetogo kwa Moepong wa Bakubung Platinum, Ledig, Bokone Bophirima



KETAPELE

Wesizwe Platinum Limited ke mong wa Moepo wa Bakubung Platinum, o ga jaana shafote ya one e nwelang mo Polasing ya Frischgewaagd 96JQ (Dikarolo3, 4 le 11). Moepo ono o gaufi le Ledig, fela kwa borwa jwa Pilanesburg Game Reserve le Sun City Mo Porofenseng ya Bokone Bophirima. Go tlile go epiwa mo dirifing tse pedi tsa matlapa go batla polathinamo, plladiamo, rodiamo le gouta, mme go tla bonwa le kopore le nikile fa go ntse go epiwa diminerala tseo. Mmapa wa lefelo leo wa moepo o bontshiwa mo go Setshwantsho 1.

Moepo wa Bakubung Platinum o neilwe Thebolelo ya Tikologo (*Environmental Authorisation*) ka 2009, go ya ka Molao wa Naga wa Taolo ya Tikologo (*National Environmental Management Act*) (Act 107 ya 1998) (NEMA) gammogo le molao wa Go Dirwa ga Ditsompelo tsa Diminerala le tsa Peteroliamo (*Mineral & Petroleum Resources Development Act*) (Act 28 ya 2002) (MPRDA). Laesense ya Tiriso ya Metsi mo Moepong e neilwe ka 2010.

Jaanong Wesizwe e batla go dira diphetogo di le mmalwa mo moepong o o dumeletsweng o o tlhokang gore go dirwe phetogo e nngwe mo Dithebolelong tsa Tikologo, mo Laesenseng ya Taolo ya Dilatlhiwa le Laesense nngwe ya Tiriso ya Metsi.

Wesizwe e tlhomile SLR Consulting (Africa) (Pty) Ltd gore e nne Mosekaseki wa Tikologo (*Environmental Assessment Practitioner*) yo o ikemetsing ka nosi gore e thuse ka dikopo tse di tlhokegang tsa thebolelo go ya ka molao wa tikologo. Tlhatlhobo ya ntlha ya semolao e bontshitse gore diphetogo tse di dirwang mo Moepong wa Bakubung Platinum di tlile go batla dithebolelo tse dintsi go ya ka ditlhophatse di farologaneng tsa melao e e diragadiwang ke balaodi ba ba nang le bokgoni.

KITSISO YA KOPO YA LENANEO LA GO REBOLELWA GO DIRA DIPHETOGO MO TIKOLOGONG, PHETOLO YA LENANEO LA TAOLO TIKOLOGO, LAESENSE YA TIRISO YA METSI LE LAESENSE YA TAOLO YA DILATLHIWA

YA DIPHELO MO MOEPONG WA BAKUBUNG PLATINUM

SEABE SA GAGO

Boikaelelo jwa Tokumente eno ya Tshedimotsetso ya Tlhaloso (*Background Information Document*) (BID) ke go naya Batsayakarolo ba ba Nang le Kgatlhego le ba ba Amegang (*Interested and Affected Parties* (di-IAP) tshedimotsetso le go ba laletsa go tsaya karolo mo tirono ya go buisana le morafe ka diphetogo mo Moepong wa Bakubung Platinum. Go lemogilwe fa o le IAP yo o ka batlang go itsisiwe ka porojeke e go tshitshinngwang ka yone le go tshwaela ka tiro eno ya tshakatsheko ya tikologo.

O na le tshono ya go tshwaela ka go tlhatlhoba le go tshwaela ka tokumente eno, pego ya tshakatsheko, pego ya tshakatsheko ya kamego ya tikologo (*environmental impact assessment* (EIA) le go dirisana le setlhophatse sa tikologo.

Go rulagantswe Malatsi a Morafe o Buletsweng ka one e le karolo ya tiro ya tshakatsheko le EIA. Go tla bolelwa dintlha tsa Malatsi a go Boletsweng mo nakong e e tlang.

Ditshwaelo tsotlhe di tla rekotiwa mme go tla buisannngwa ka tsone e le karolo ya tiro ya EIA.

Tsweetswee re romelele ditshwaelo tsa gago tsa ntlha le dipotso ka **1 Phalane 2015**. Go tla nna le ditshono tse dingwe mo nakong e e tlang tse o ka tshwaelang gape mo go tsone.

TSELA YA GO TSHWAELE

Tsweetswee tshwaela ka go romela pampiri ya ditshwaelo e e patagantsweng le eno (tsebe ya bofelo ya tokumente eno) le/kgotsa ka go buisana le batho ba ba kwadilweng fa tlase.

BA O KA IKGOLAGANYANG LE BONE:

Shelley Seton-Rogers kgotsa Chiara Kotze

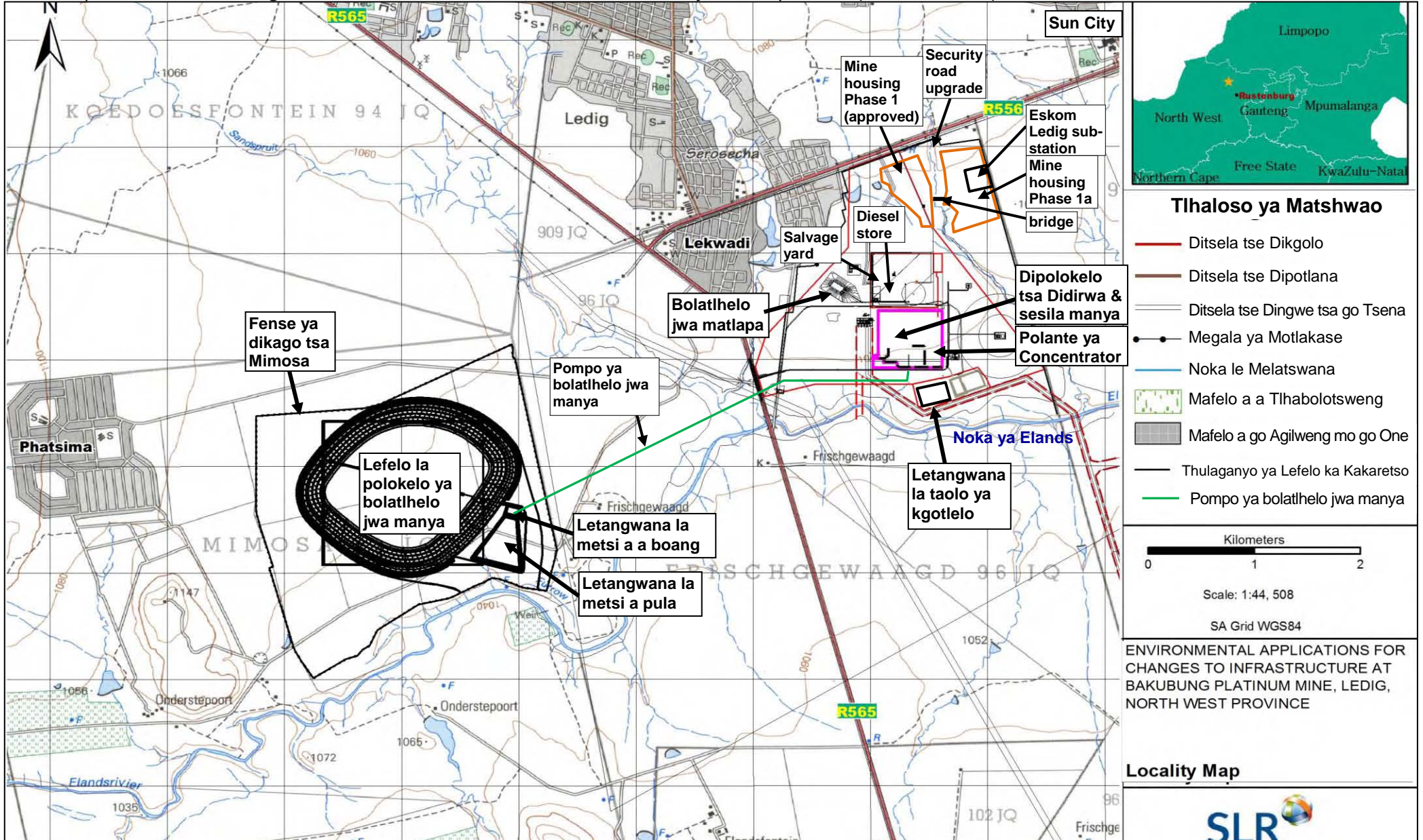
Mogala: 011 467-0945 Fekese: 011 467-0978

Ka poso: P.O. Box 1596, Cramerview, 2060

Imeile: sholt@slrconsulting.com /ckotze@slrconsulting.com

LEFELO LA POROJEKE

Diphetogo tse di dirwang mo Moepong wa Bakubung Platinum di tla dirwa mo dipolasing tsa Frischgewaagd 96JQ (Dikarolo 3, 4 le11) le Mimosa 81JQ gaufi leLedig le Sun City, Bokone Bophirima. Lefelo leno le gaufi le ditsela tsa R565 le R556, mme e kwa bokone jwa Noka ya Elands (Setshwantsho 1).



Setshwantsho 1: Mmapa wa lefelo la Moepono wa Bakubung Platinum le dikago le madirelo tse di amanang le one

TEBOKAKARETSI YA POROJEKE

Porojeke e go tshitshinngwang ka yone e tla akaretsa diphetogo tse di latelang mo Moepong wa Bakubung Platinum:

- Go epiwa ga letamo le legolo la bolatlhelo jwa manya mo polasing ya Mimosa 81JQ. Lefelo leno le tla oketsega go simolola ka dihekethara di le 142 go ya go mo e ka nnang dihekethara di le 166. Bogodimo jwa yone bo tla nna mo e ka nnang dimitara di le 44:
- Pompo ya bolatlhelo jwa manya gareng ga moepo le letangwana la bolatlhelo jwa manya;
- Koketsego ya bogolo jwa polante ya *concentrator* go simolola ka ditone di le 230 000 ka kgwedi go ya go mo e ka nnang ditone di le 265 000 ka kgwedi;
- Koketsego ya bogolo jwa dipolokelo tsa didirwa tsa moepo;
- Go fudusiwa ga sesila-manyana go tswa kafa tlase ga lefatshe go se tlisa fa godimo.
- Go akarediwa ga diminerala mo matlapeng a a latlhiwang mo laesenseng ya go epa, ka gonne matlapa a a latlhiwang a ka nna a silwa le go rekisiwa a tlhakantswe;
- Go tlhomiwa ga dithulaganyo tsa taolo ya kgothego ya mmu go bapa le melatswana ya mo moepong;
- Go bolokwa le go dirisiwa ga dilo tse di kotsi tse di tshwanang le disele le dilo tsa dikhemikhale mo saeteng;
- Dipompo tse dingwe tse di farologaneng le makgabaganyo a ditsela mo godimo ga metsi;
- Moselemaswe o mošwa le dipompo tsa metsi;
- Ditsela tsa moepo tse dišwa tsa mo teng;
- Tlhabisomowa ya dishafote le dipetse tse di bonalan; le
- Dijenereitara mo saeteng tsa makatadimetšhe tsa tlhabisomowa.

Go tla nna le tirisometsi e e latelang e e tlileng go tlhoka gore Laesense ya Tiriso ya Metsi mo Moepong wa Bakubung Platinum Mine e fetolwe:

- *Go boloka metsi (a a senang leswe)* – go boloka metsi mo direseboweng tsa metsi;
- *Go thibela kgotsa go haposa metsi mo molatswaneng wa one, le go fetola dipotana tsa matangwana, melatswana, kgotsa dipopego tsa melatswana - makgabaganyo a a farologaneng a melatswana, le dikgato tsa go laola kgothego ya mmu;*
- *Go latlha dilatlheiswa ka tsela e e ka nnang ya ama melatswana - matangwana a bolatlhelo jwa maje, matangwana a metsi a a boang, matangwana a metsi a pula, matangwana a taolo ya kgotlelo, matangwana a bogorogelo jwa metsi, bolatlhelo jwa matlapa a a latlhiwang, polante ya phepafatso ya maswe, polokelo ya manya, thibelo ya lelore ka metsi;*
- *Go tlosa, go ntsha kgotsa go latlha metsi a a bonwang kafa tlase ga lefatshe fa go tlhokega gore tiro e tswaledisiwe ka botswerere, kgotsa malebana le tshireletsego ya batho – go ntsha metsi mo dishafoteng tsa moepo.*

Go tla dirwa ditiro tse di latelang tsa go latlha ga dilatlhiwa se se tla tlhokang Laesense ya Taolo ya Dilatlhiwa:

- Letangwana la bolatlhelo jwa manya;
- Bolatlhelo jwa matlapa a a latlhiwang;
- Lebala la kamogelo (polokelo ya nakwana ya leswe ka kakaretso le le kotsi)

KAFA TIKOLOGO E KA NNANG YA AMEGA KA TENG

Go lemogilwe lenaane le le latelang la dilo tse mo tshimologong di ka nnang tsa ama mme di tla sekasekiwa e le karolo ya tiro ya tshakatsheko ya tikologo.

Tshireletsego: Porojeke e go tshitshinngwang ka yone e ka nna ya fetola tebego ya lefatshe le go dira dikago le ditsela le go epiwa mo go ka nnang kotsi mo bathong le diphologolo.

Bokgoni jwa Mmu le Lefatshe: Fa dikago le ditsela di tlileng go nna teng go ka nna ga ama ditswammung ka go kgorelediwa ga lefatshe (go kgothega le go papaitelwa ga mmu) le/kgotsa kgotlelo. Go latlhega ga ditswammung go ama ka tlhamalalo se lefatshe ka tlhago le kgonang go se dira.

Ditshedi tse di farologaneng: Fa dikago le ditsela di tlileng go nna teng go ka nna ga kgoreletsa le/kgotsa ga senya dimela, mafelo a bonno le tiro ditshedi tikologong ya tsone.

Metsi a a fa godimo ga lefatshe: Porojeke e go tshitshinngwang ka yone e na le bokgoni jwa go fetola ditsela tsa go gogolwa ga leswe mo godimo ga lefatshe ka baka la fa dikago le ditsela di leng teng le go kgotlelwa ga metswedi ya metsi a a fa godimo ga lefatshe.

Metsi a a kafa tlase ga lefatshe: Porojeke e go tshitshinngwang ka yone e ka nna ya kgona go kgotlela metswedi ya metsi a a kafa tlase ga lefatshe e e ka nnang ya ama gore badirisi ba bangwe ba kgone go bona metsi ao a a kafa tlase ga lefatshe.

Mowa: Porojeke e go tshitshinngwang ka yone eno le yone e ka nna ya kgotlela mowa.

Modumo: Porojeke e go tshitshinngwang ka yone e ka nna ya dira gore go nne le modumo o montsi ka baka la go agiwa le ditiro tsa dikago le ditsela.

Tebego ya lefatshe: Lefelo le dikago le ditsela di agiwang mo go lone le ka nna la ama tebego ya lefatshe ka go fetolwa ga dipopego dingwe tsa lefatshe la lefelo.

Ditsompelo tsa boswa/setso: Porojeke eno e ka nna ya senya ditsompelo tsa boswa fa go ka lemogiwa ditsompelo dipe tsa boswa/ngwao.

Tiriso ya lefatshe: Porojeke e go tshitshinngwang ka yone e ka nna ya ama kafa lefatshe le le mo tikologong le dirisiwang ka lone jaaka mafulo diruiwa, meepo e e mo tikologong le dikago le ditsela (megala ya motlakase, seporo sa terena le ditsela).

Ikonomi le loago: Porojeke e go tshitshinngwang ka yone e ka nna ya ama batho le ikonomi ka tsela e e siameng le e e sa siamang. Tsela e e siameng e e ka amang batho ka teng ke go ba direla ditiro le go tlhatlosa ikonomi ya mo lefelong le ya kgaolo. Tsela e e sa siamang e batho le ikonomi ba ka amegang ka teng jaaka go tshologela ga batho ba bantsi ba ba batlang ditiro ke gone mo go bakang malwetsi a batho.

DITLHOKEGO TSA SEMOLAO TSA TIKOLOGO

Tlhatlhobo ya ntlha ya semolao e bontshitse gore diphetogo tse di dirwang mo Moepong wa Bakubung Platinum di tlile go batla dithebolelo tse dintsi go ya ka melao e e farologaneng le go diragadiwang ke balaodi ba ba nang le bokgoni.

Go newa kitsiso fano go ya ka molao o o latelang, gore dikopo tsa dithebolelo tse di tlhokegang di tla romelwa kwa balaoding ba ba maleba ba puso ba ba kwadilweng fa tlase:

Molao	Ditiro tse di Kwadilweng (lenaane la ntlha)	Tiro e e Tlhokegang	Balaodi ba ba Dirang ka Tshwanelo
Molao wa Naga wa Taolo ya Tikologo (<i>National Environmental Management Act</i>) 107 ya 1998	GNR 983 (2), (9), (10), (12), (14), (19), (25), (27), (28). GNR 984 (2), (4), (6), (15), (17), (21), (25). GNR 985 (4), (10), (12).	Go romelwa ga kopo, Tshekatsheko le Dipego tsa EIA	Lefapha la Porofense ya Bokone Bophirima la Metswedi ya Dimenerala (<i>North West Department of Mineral Resources</i>) (DMR)

Molao	Ditiro tse di Kwadilweng (lenaane la ntlha)	Tiro e e Tlhokegang	Balaodi ba ba Dirang ka Tshwanelo
Molao wa Go Dirwa ga Ditsompelo tsa Dimenerala le Peterolo (<i>Mineral and Petroleum Resources Development Act</i>) 28 ya 2002	N/A	Karolo 102 e e Fetotsweng - go romelwa ga Dipego tsa Tshekatsheko le EIA (go akaretsa le EMPr).	DMR ya Bokone Bophirima
Taolo ya Tikologo ya Naga (<i>National Environmental Management: Molao wa Diphologolo le Ditlhare Tse di Farologaneng (Biodiversity Act)</i> 10 wa 2004	N/A	Go romelwa ga foromo ya kopo (fa e le gore e a tlhokega le fa go ka bonwa diphologolo tse di sireleditsweng mo saeteng).	Lefapha la Bokone-Bophirima Tlhabololo ya Metseselegae, ya Tikologo le ya Temothuto (<i>Rural, Environment & Agricultural Development (NWREAD)</i>)/ Lefapha la Temothuo, Le Tshwaro ya Ditlhapi le ya Dikgwa (<i>Dept. Agriculture, Fisheries & Forestry</i>)
Molao wa Naga wa Metsi (<i>National Water Act</i>) 36 wa 1998	Ditiriso tse di farologaneng tsa metsi Water uses: S21 (b), (c), (g), (i) and (j).	Laesense e e kopantsweng ya tiriso ya metsi	Lefapha la Metsi le go Ntshiwa ga Leswe
Molao wa Ditsompelo tsa Boswa jwa Naga (<i>National Heritage Resources Act</i>) 25 wa 1999	N/A	Kitsiso go <i>South African Heritage Resources Agency (SAHRA)</i> .	SAHRA
Taolo ya Tikologo ya Naga (<i>National Environmental Management: Molao wa Dilatliwa (Waste Act)</i> 59 wa 2008	GNR 921 Category B (7)	Go romelwa ga kopo, Tshekatsheko le Dipego tsa EIA	DMR

TIRO YA MO TIKOLOGONG

Tiro ya tikologo e naya tshedimosetso ka porojeke le tikologo e e dirwang mo go yone. E lemotsha, ka dipuisano le batsayakarolo ba ba nang le kgatlhego le/kgotsa ba ba amegileng (di-IAP), kafa porojeke eno e ka nnang ya ama ka teng ka tsela e e sa siamang le e e siameng, le dipego ka dikgato tse go tlhokegang gore balaodi ba di tseye go baakanya go amega ga tikologo gore e nne mo maemong a a amogelesegang.

Pele ga porojeke eno e go tshithshingwang ka yone e simologa, go tlhokega gore go dirwe tiro ya go sekaseka tikologo, e e akaretsang go dira kopo, pego ya tshekatsheko, EIA le EMP.

Tshekatsheko

Tshekatsheko e akaretsa go lemogiwa ga mathata a tikologo le matshwenyego. Tshwaelo ya morafe ke karolo ya konokono ya kgato ya tlhatlhobo ya tshekatshekako. Mefuta e e tshwanetseng go tsamaisa patlisiso ya EIA e rulagantswe, go tlhomamisa gore mathata a a lemogilweng a baakanngwe ka botlalo.

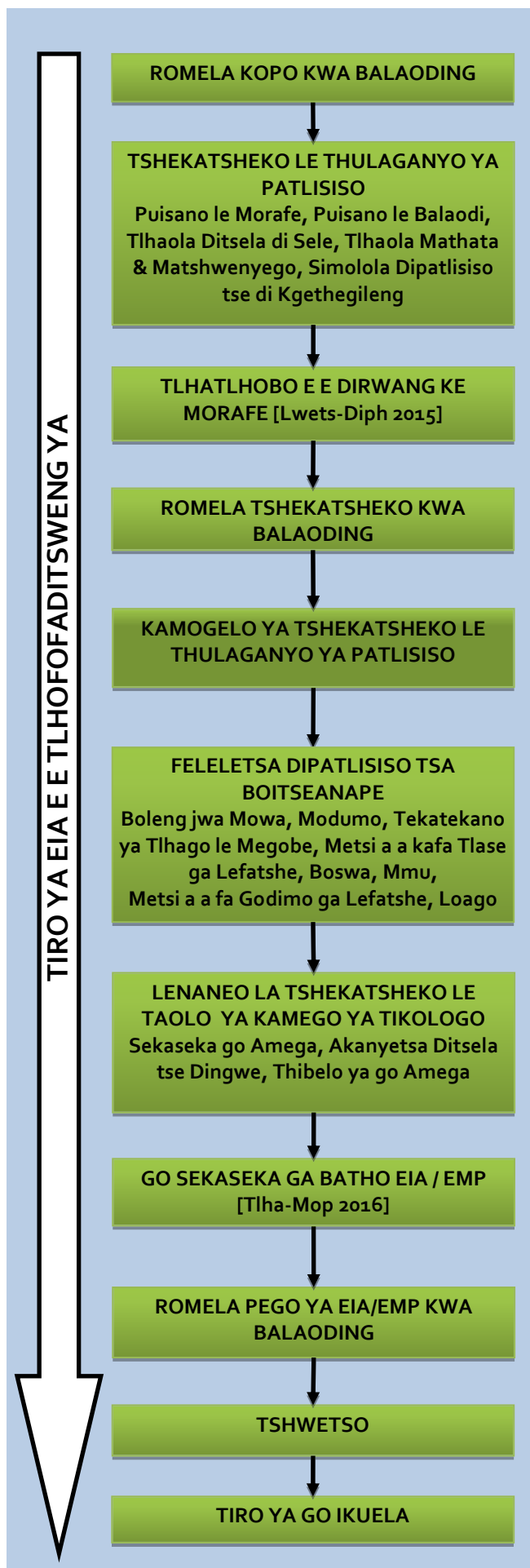
Tshekatsheko ya Kamego ya Tikologo (*Environmental Impact Assessment*)(EIA)

Seno se akaretsa tlhatlhobo ya tshedimosetso e e leng teng ya porojeke le ya tikologo go lemoga kafa tikologo e ka amegang ka teng le go sekaseka kafa dikamego tseno e leng tsa botlhokwa ka teng. Baitseanape ba dirisiwa go naya pono ya baitseanape malebana le dikamego tseno mme gantsi ba dirisa dikao tsa mo khomphiutheng go thusa mo dipatlisisong tseno.

Lenaneo la Taolo ya Tikologo (EMP)

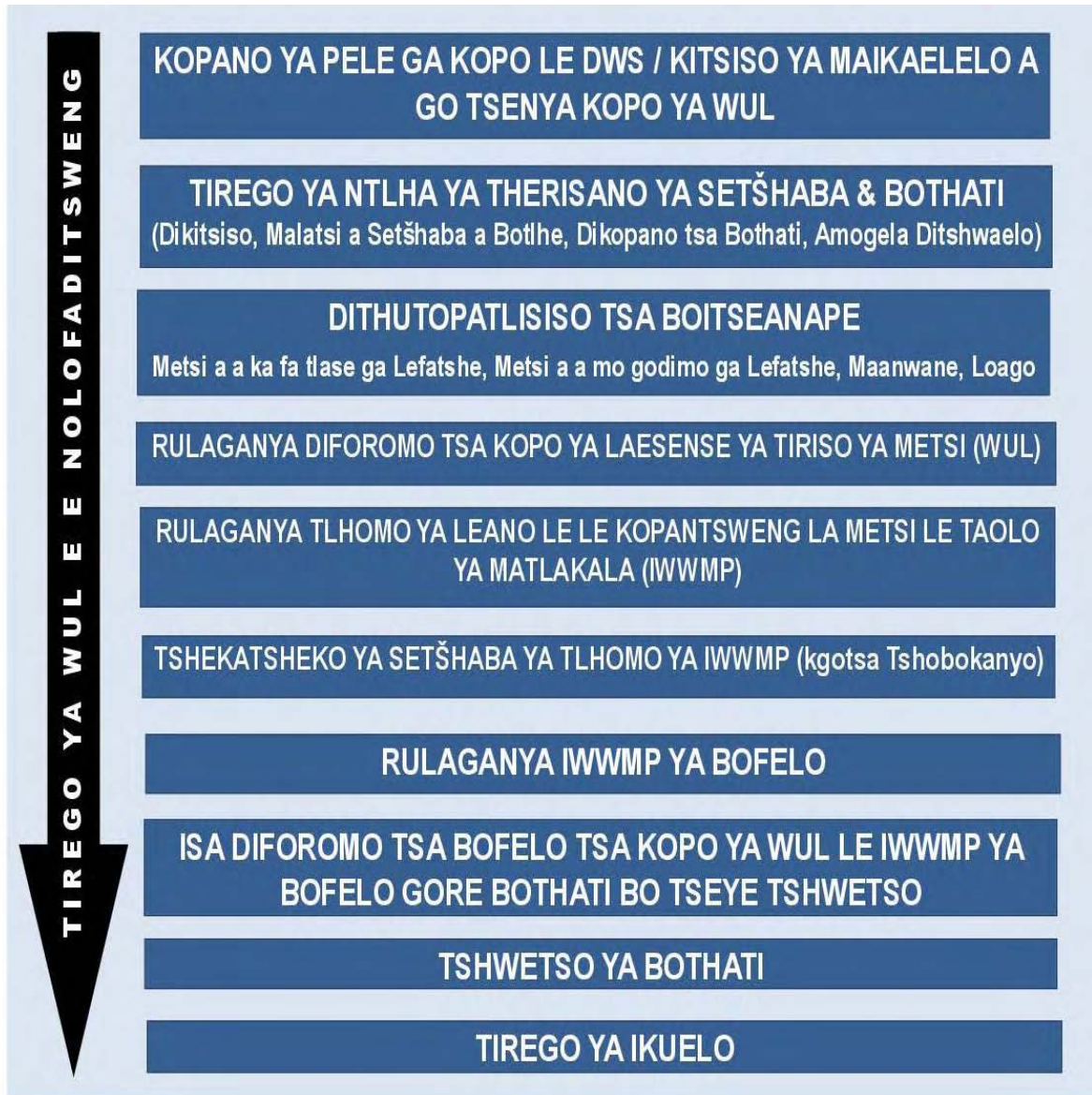
Go tla tlhamiwa EMP, boikaelelo e le go baakanya go amega ga tikologo mo go lemogilweng le go dira dikgato tsa go fokotsa bodiphatsa gore maemo e nne a a amogelesegang? Go dirisiwa diitshithshinyo tsa baitseanape go thusa go tlhama EMP.

Dikgato tse di ka nnang tsa tsewa tsa tiro eno di nwa fa tlase fano. DI-IAP le banaleseabe ba bangwe ba ba kwadisitsweng mo polokelong ya tshedimosetso ya porojeke eno ba tla amogela kitsiso ka malatsi a a buletsweng go abelana tshedimosetso le dinako tsa tlhatlhobo ya pego pele ga nako.



TIREGO YA KOPO YA LAESENSE YA TIRISO YA METSI

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



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

**PAMPIRI YA DITSHWAELO TSA MORAFE TSA DIPHETOLO TSA MO MOEPONG WA
BAKUBUNG PLATINUM
LEDIG, POROFENSE YA BOKONE BOPHIRIMA**

Ditshwaelo tsotlhe tsa ntlha di tshwanetse go goroga kwa go rona ka 1 Phalane 2015

LETLHA		NAKO	
LEINA			
ATERESE YA POSO			
		KHOUTU YA POSO	
ATERESE YA MMILA			
		KHOUTU YA POSO	
NOMORO YA MOGALA YA KWA TIRONG/ MOTSHEGARE		NOMORO YA FEKESE YA KWA TIRONG/ MOTSHEGARE	
NOMORO YA SELULAFOUNO		ATERESE YA IMEILE	

**FA E LE GORE O ITSE BANGWE BA BA TSHWANETSENG GO ITSISIWE, TSWEETSWE RE NEYE DINTLHA TSA GO
IKGOLAGANYA LE BONE**

TSWEETSWE SUPA KGATLHEGO YA GAGO MO POROJEKENG E GO TSHITSHINNGWANG KA YONE.

TSWEETSWE KWALA DITSHWAELO TSA GAGO LE DIPOTSO FANO

1. Tsweetswee naya tshedimosetso mabapi ya kafa dikgatlhego tsa gago (tsa ikonomi le loago, setso, boswa kgotsa tikologo, jalo jalo) di tlleng go amiwa ke porojeke e go tshitshinngwang ka yone ka teng.
2. A akanya gore ditiro tse go tshitshinngwang gore di dirwe di tlile go ama wena le maemo a gago a ikonomi le loago jang?
3. Dikakantsho tsa gago ke dife tsa go thibela kafa go akanngwang gore tiro nngwe le nngwe ya porojeke e tlile go ama ka teng?
4. Go ya ka wena, lefatshe le dirisiwa jang mo nakong eno le gore ditiro tseo di fa kae mo lefelong la porojeke?
5. Mafelo a dipopego tsa tikologo ke afe mo saeteng eno?
6. Go ka thibelwa jang ka fa tikologo e ka nnang ya amega ka eng, mme go ya bokgakaleng bofe?
7. Go ka fokodiwa jang kafa maemo a gago a ikonomi le loago a ka nnang a amega ka teng?
8. Go ka laolwa jang, ga tilwa kgotsa ga baakanngwa jang kafa dikago le ditsela tsa lona di ka nnang tsa amega ka teng?

Tsweetswee busetsa diforomo tse di tladitsweng kwa go:

Shelley Seton-Rogers kgotsa Chiara Kotze
SLR Consulting (Africa) (Pty) Ltd
(011) 467 0978 (Fax) / (011) 467 0945 (Tel)
Imeile: ckotze@slrconsulting.com kgotsa sholt@slrconsulting.com
Ka poso: P.O. Box 1596, Cramerview, 2060, Aforika Borwa



BACKGROUND INFORMATION DOCUMENT

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



INTRODUCTION

Wesizwe Platinum Limited is the owner of Bakubung Platinum Mine, currently shaft sinking on the farm Frischgewaagd 96JQ (Portions 3, 4 and 11). The mine is located near Ledig, just south of the Pilanesburg Game Reserve and Sun City in the North West Province. Two reefs will be mined for Platinum Group Elements - platinum, palladium, rhodium and gold, with copper and nickel as by-products. A locality map of the mine is shown in Figure 1.

The Bakubung Platinum Mine received Environmental Authorisation in 2009, in terms of both the National Environmental Management Act (Act 107 of 1998) (NEMA) and Mineral and Petroleum Resources Development Act (Act 28 of 2002) (MPRDA). 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 and an additional Water Use Licence.

Wesizwe appointed SLR Consulting (Africa) (Pty) Ltd (SLR) as the independent Environmental Assessment Practitioner to assist with the applications required for authorisation in terms of the environmental legislation. The initial legal review has indicated that the changes to the Bakubung Platinum Mine will require multiple authorisations under a number of different sets of legislation administered by different competent authorities.

NOTICE OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION, ENVIRONMENTAL MANAGEMENT PROGRAMME AMENDMENT, WATER USE LICENCE AND WASTE MANAGEMENT LICENCE

FOR THE CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE

YOUR ROLE

The purpose of this Background Information Document (BID) is to provide Interested and Affected Parties (IAPs) with information and invite them to participate in a public consultation process regarding the changes to the Bakubung Platinum Mine. You have been identified as an IAP who may want to be informed about the proposed project and have input into the environmental assessment process.

You have the opportunity to provide input through review and comment on this document, the scoping report, the environmental impact assessment (EIA) report and interaction with the environmental team.

All comments will be recorded and will be addressed as part of the EIA process.

Please send us your initial comments and questions by **9 October 2015**. There will also be additional opportunities in the future for you to provide further comments.

HOW TO RESPOND

Please respond by submitting the attached comment sheet (last page of this document) or communicating with the persons listed below.

WHO TO CONTACT

Shelley Seton-Rogers or Chiara Kotze

Tel: 011 467-0945, Fax: 011 467-0978,

Post: P.O. Box 1596, Cramerview, 2060

Email: sholt@slrconsulting.com / ckotze@slrconsulting.com

PROJECT LOCATION

The changes to the Bakubung Platinum Mine will take place on the farms Frischgewaagd 96JQ (Portions 3, 4 and 11) and Mimosa 81JQ near Ledig and Sun City, North West. The site is located near the R565 and R556 roads, and lies north of the Elands River (Figure 1).

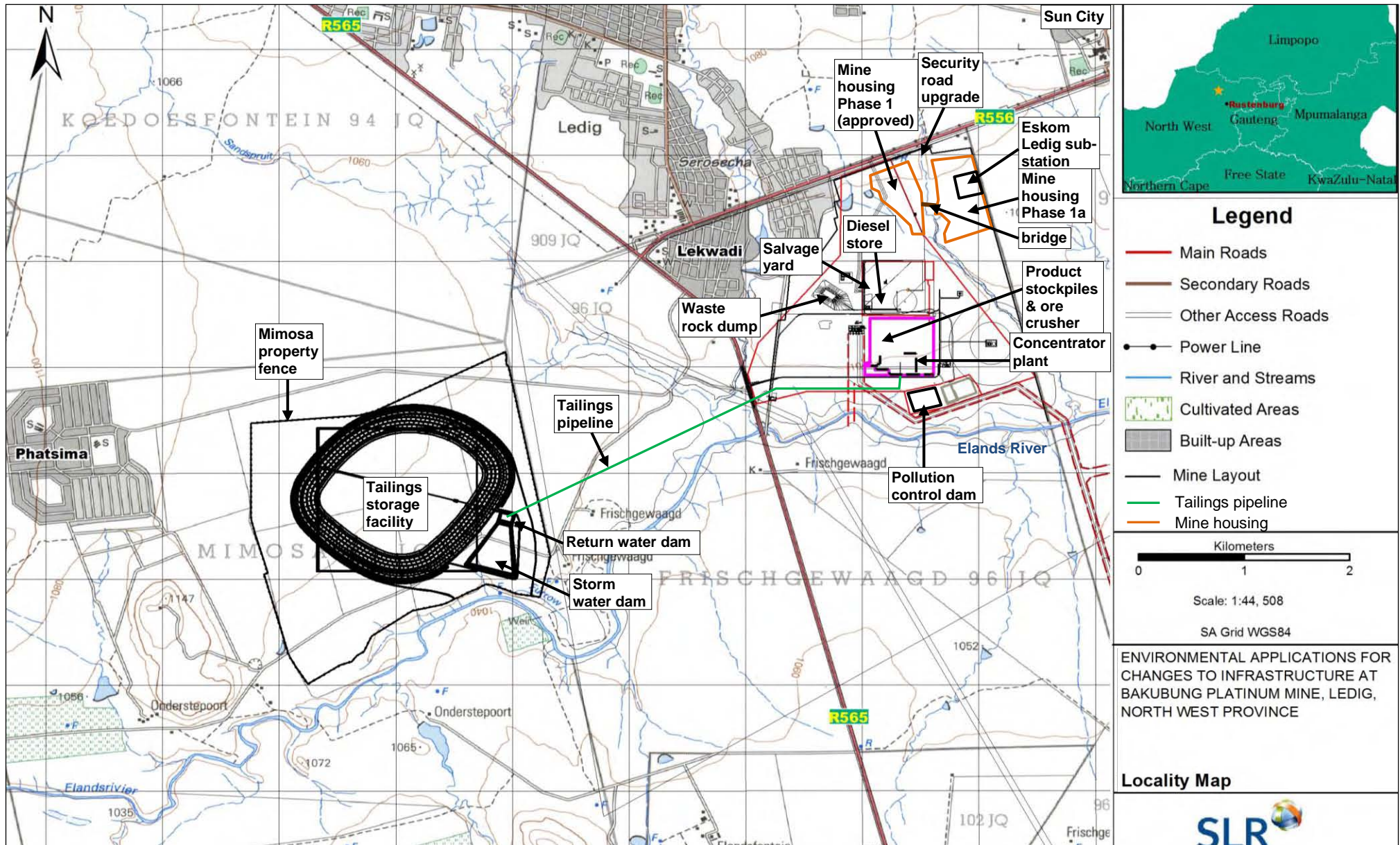


Figure 1. Locality map of the Bakubung Platinum Mine and related infrastructure

PROJECT OVERVIEW

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;
- 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.

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 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 and tailings pipeline, 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, 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.

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).

POTENTIAL ENVIRONMENTAL IMPACTS

The following preliminary list of potential impacts has been identified and will be investigated as part of the environmental assessment process.

Safety: The proposed project has the potential to alter the topography and present infrastructure and excavations which may present potential safety risks for both people and animals.

Soil and land capability: The placement of infrastructure has the potential to compromise soil resources through physical disturbance (erosion and compaction) and/or pollution. Loss of soil resources has a direct impact on the natural capability of the land.

Biodiversity: The placement of infrastructure has the potential to disturb and/or destroy vegetation, habitat units and related ecosystem functionality.

Surface water: The proposed project has the potential to alter surface drainage patterns through the placement of infrastructure and to pollute surface water resources.

Groundwater: The proposed project has the potential to contaminate groundwater resources which could impact availability to other groundwater users.

Air: The proposed project has the potential to contribute additional air pollution.

Noise: The proposed project has the potential to cause noise pollution through the construction of infrastructure and activities.

Visual: The placement of infrastructure has the potential to create visual impacts through topographical changes.

Heritage/cultural resources: The proposed project has the potential to damage heritage resources should any heritage/cultural resources be identified.

Land use: The proposed project has the potential to impact on surrounding land uses such as livestock grazing, surrounding mines and infrastructure (powerlines, railway and roads).

Socio-economic: The proposed project has the potential to contribute towards positive and negative socio-economic impacts. Positive impacts include job creation and stimulation of local and regional economy. Negative socio-economic impacts such as the influx of job seekers are linked to social pathologies.

ENVIRO-LEGAL REQUIREMENTS

An initial legal review has indicated that the changes to the Bakubung Platinum Mine will likely require multiple authorisations under various environmental legislation and administered by different competent authorities.

Notice is hereby given in terms of the following legislation, that applications for required authorisations will be submitted to the relevant government authorities listed below:

Legislation	Listed Activities (preliminary list of potential activities)	Process Required	Competent Authority
National Environmental Management Act 107 of 1998	GNR 983 (2), (9), (10), (12), (14), (19), (25), (27), (28). GNR 984 (2), (4), (6), (15), (17), (21), (25). GNR 985 (4), (10), (12).	Submission of application, Scoping & EIA Reports	North West Department of Mineral Resources (DMR)
National Environmental Management: Biodiversity Act 10 of 2004	N/A	Submission of application form (if required and if protected species are found on site).	North West Department: Rural, Environment & Agricultural Development/ Dept. of Agriculture, Fisheries & Forestry
National Water Act 36 of 1998	Water uses: S21 (b), (c), (g), (i) and (j).	Integrated water use licence amendment	Department of Water and Sanitation
National Heritage Resources Act 25 of 1999	N/A	Notify South African Heritage Resources Agency (SAHRA).	SAHRA
National Environmental Management: Waste Act 59 of 2008	GNR 921 Category B (7)	Submission of application, Scoping & EIA Reports	DMR
Mineral & Petroleum Resources Development Act 28 of 2002	N/A	Section 102 Amendment - submission of Scoping & EIA Reports (including EMPr).	North West DMR – as part of the NEMA authorisation

ENVIRONMENTAL PROCESS

The environmental process provides information on the project and environment in which it is being undertaken. It identifies, in consultation with interested and/or affected parties (IAPs), the potential negative as well as positive impacts of the project, and reports on management measures required to mitigate impacts to an acceptable level.

Prior to the commencement of the proposed project, an environmental assessment process is required, which includes an application, a scoping report, an EIA and an EMP.

Scoping

Scoping involves the identification of environmental issues and concerns. Public input is a key component of the scoping phase of the assessment. The methods to be used in conducting the EIA study are planned, to ensure that the identified issues will be adequately addressed.

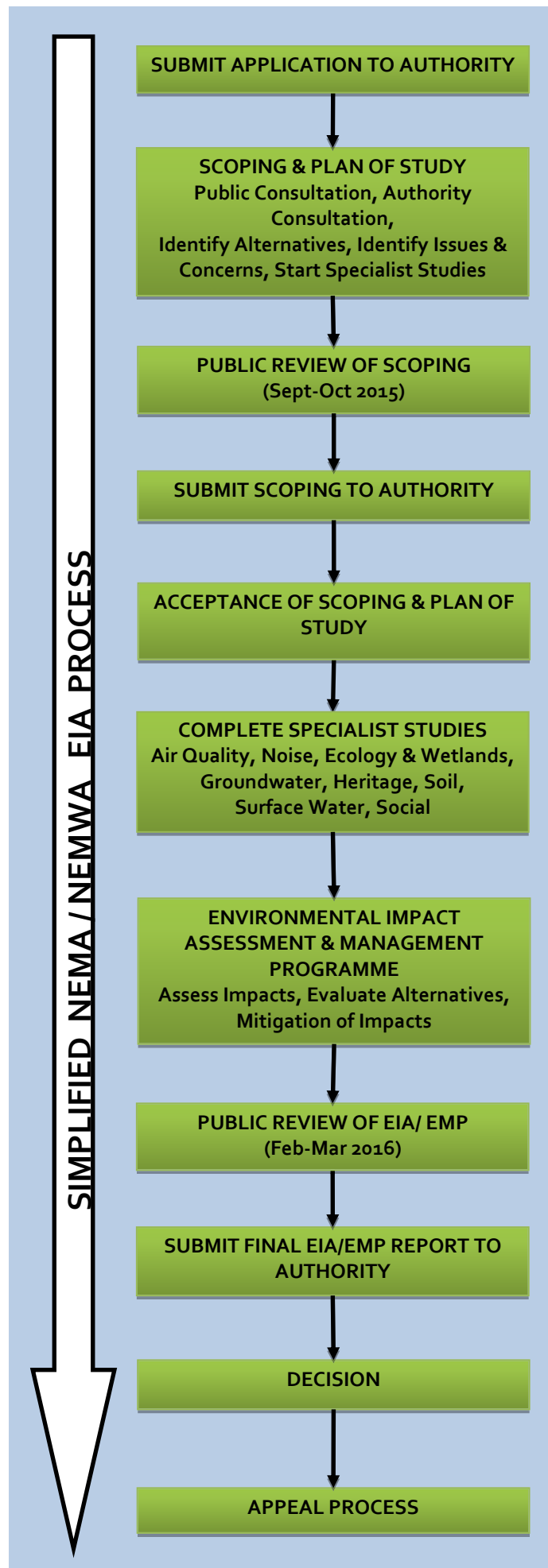
Environmental Impact Assessment (EIA)

This involves the review of available project and environmental information to identify potential environmental impacts and to assess the level of significance of these impacts. Specialists are involved to provide expert opinion on the impacts and often use computer modelling to assist with their studies.

Environmental Management Programme (EMP)

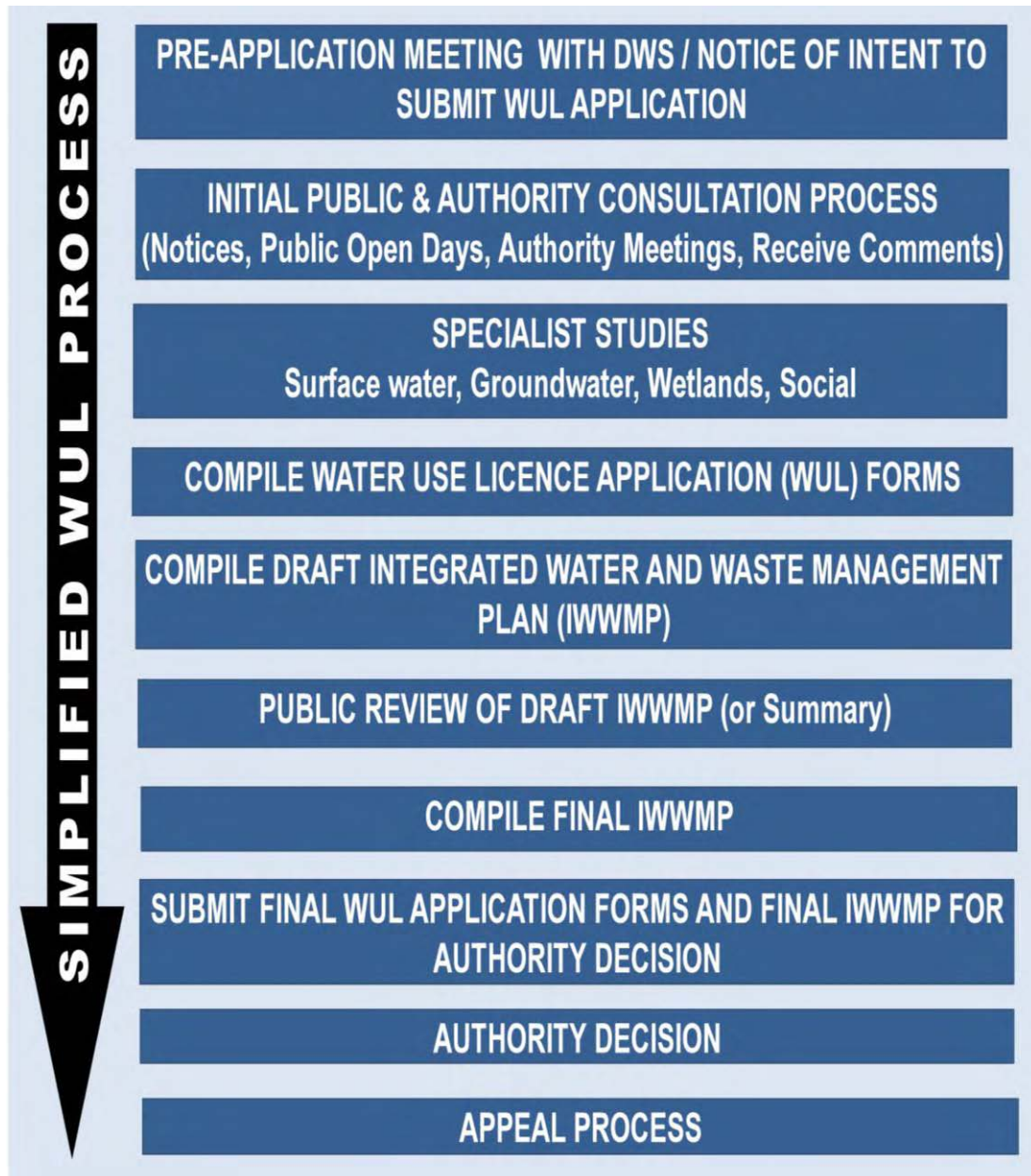
An EMP will be developed, aimed at addressing impacts identified and developing mitigation measures to reduce risks to acceptable levels. Recommendations of the specialists are used to assist in developing the EMP.

The likely process steps are provided alongside. IAPs and other stakeholders registered on the project's database will receive notification of information-sharing open days and report review periods in advance.



WATER USE LICENCE PROCESS

To obtain a water use licence (WUL), a process in terms of the National Water Act 36 of 1998 is required. The WUL process requires detailed technical information on the water uses which is captured in the WUL application forms. An Integrated Water and Waste Management Plan (IWWMP) report is also required which includes details of consultation with IAPs, the impacts on water resources, and management measures to mitigate impacts to an acceptable level.



(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).)

**PUBLIC INPUT SHEET FOR CHANGES TO BAKUBUNG PLATINUM MINE,
LEDIG, NORTH WEST PROVINCE**

All initial comments must reach us by 4 October 2015. Please attach additional pages if required.

DATE		NAME	
POSTAL ADDRESS			
		POSTAL CODE	
STREET ADDRESS			
		POSTAL CODE	
WORK/ DAY TEL NUMBER		WORK/ DAY FAX NUMBER	
CELL NUMBER		E-MAIL ADDRESS	

IF YOU KNOW OF OTHERS WHO SHOULD BE INFORMED, PLEASE PROVIDE US WITH THEIR CONTACT DETAILS

--


PLEASE WRITE YOUR COMMENTS AND QUESTIONS HERE (use extra pages if needed)

--

PLEASE PROVIDE RESPONSES TO THE QUESTIONS BELOW (IF POSSIBLE)

1. Please provide information as to how your interests (socio-economic, cultural, heritage or environmental, etc.) will be affected by the proposed project.
2. How do you consider that the proposed activities will impact on you or your socio-economic conditions?
3. What are your suggestions to mitigate the anticipated impacts of each activity for the project?
4. According to you, what are the current land uses and their location within the project area?
5. What are the locations of environmental features on site?
6. How can the potential environmental impacts be remedied, and to what standard?
7. How can the potential impacts on your socio economic conditions be mitigated (reduced)?
8. How can the potential impacts on your infrastructure be managed, avoided or remedied?

Please return completed forms to:
 Shelley Seton-Rogers or Chiara Kotze
 SLR Consulting (Africa) (Pty) Ltd
 (011) 467 0978 (Fax) / (011) 467 0945 (Tel)
 Email: ckotze@slrconsulting.com or sholt@slrconsulting.com
 Post: P.O. Box 1596, Cramerview, 2060, South Africa



TOKUMENTE YA TLHALOSO

Diphetogo kwa Moepong wa Bakubung Platinum, Ledig, Bokone Bophirima

Phukwi 2015



KETAPELE

Wesizwe Platinum Limited ke mong wa Moepo wa Bakubung Platinum, o ga jaana shafote ya one e nwelang mo Polasing ya Frischgewaagd 96JQ (Dikarolo3, 4 le 11). Moepo ono o gaufi le Ledig, fela kwa borwa jwa Pilanesburg Game Reserve le Sun City Mo Porofenseng ya Bokone Bophirima. Go tlike go epiwa mo dirifing tse pedi tsa matlapa go batla polathinamo, plladiamo, rodiamo le gouta, mme go tla bonwa le kopore le nikile fa go ntse go epiwa dimineralla tseo. Mmapa wa lefelo leo wa moepo o bontshiwa mo go Setshwantsho 1.

Moepo wa Bakubung Platinum o neilwe Thebolelo ya Tikologo (*Environmental Authorisation*) ka 2009, go ya ka Molao wa Naga wa Taolo ya Tikologo (*National Environmental Management Act*) (Act 107 ya 1998) (NEMA) gammogo le molao wa Go Dirwa ga Ditsompelo tsa Dimineralla le tsa Peteroliamo (*Mineral & Petroleum Resources Development Act*) (Act 28 ya 2002) (MPRDA). Laesense ya Tiriso ya Metsi mo Moepong e neilwe ka 2010.

Jaanong Wesizwe e batla go dira diphetogo di le mmalwa mo moepong o o dumeletsweng o o tlhokang gore go dirwe phetogo e nngwe mo Dithebolelong tsa Tikologo, mo Laesenseng ya Taolo ya Dilatliwa le Laesense nngwe ya Tiriso ya Metsi.

Wesizwe e tlhomile SLR Consulting (Africa) (Pty) Ltd gore e nne Mosekaseki wa Tikologo (*Environmental Assessment Practitioner*) yo o ikemetsing ka nosi gore e thuse ka dikopo tse di tlhokegang tsa thebolelo go ya ka molao wa tikologo. Tlhatlhoba ya ntlha ya semolao e bontshitse gore diphetogo tse di dirwang mo Moepong wa Bakubung Platinum di tlike go batla dithebolelo tse dintsi go ya ka ditlhophatse di farologaneng tsa melao e e diragadiwang ke balaodi ba ba nang le bokgoni.

SLR Consulting (Africa) (Pty) Ltd

KITSISO YA KOPO YA LENANEO LA GO REBOLELWA GO DIRA DIPHETOGO MO TIKOLOGONG, PHETOLO YA LENANEO LA TAOLO TIKOLOGO, LAESENSE YA TIRISO YA METSI LE LAESENSE YA TAOLO YA DILATLHIWA

YA DIPHELO MO MOEPONG WA BAKUBUNG PLATINUM

SEABE SA GAGO

Boikaelelo jwa Tokumente eno ya Tshedimisetso ya Tlhaloso (*Background Information Document*) (BID) ke go naya Batsayakarolo ba ba Nang le Kgatlhego le ba ba Amegang (*Interested and Affected Parties* (di-IAP) tshedimisetso le go ba laletsa go tsaya karolo mo tironing ya go buisana le morafe ka diphetogo mo Moepong wa Bakubung Platinum. Go lemogilwe fa o le IAP yo o ka batlang go itsisiwe ka porojeke e go tshitshinngwang ka yone le go tshwaela ka tiro eno ya tshakatsheko ya tikologo.

O LALEDIWA SEMMUSO KWA NNGWE KGOTSA DINGWE TSA

DIKOPANO

Kgo tla ba le dikopano tsa puisano mo matsatsing a mabedi go fana ka tshedimisetso ya projeke

Letsatsi la kopano 1:

Lefelo: Phatsima Hall,
Phatsima

Letlha: 11 Phatwe 2015

Nako: 10h00 to 16h00

Letsatsi la kopano 2:

Lefelo: Bakubung Community
Hall, Ledig

Letlha: 12 Phatwe 2015

Nako: 10h00 to 16h00

O na le tshono ya go tshwaela ka go tlhatlhoba le go tshwaela ka tokumente eno, pego ya tshakatsheko, pego ya tshakatsheko ya kamego ya tikologo (*environmental impact assessment* (EIA) le go dirisana le setlhophatse sa tikologo.

Go rulagantswe Malatsi a Morafe o Buletsweng ka one e le karolo ya tiro ya tshakatsheko le EIA. Go tla bolelwa dintlha tsa Malatsi a go Boletsweng mo nakong e e tlang.

Ditshwaelo tsoatlhe di tla rekotiwa mme go tla buisannngwa ka tsone e le karolo ya tiro ya EIA

Tsweetswee re romelele ditshwaelo tsa gago tsa ntlha le dipotso ka **24 Phatwe 2015**. Go tla nna le ditshono tse dingwe mo nakong e e tlang tse o ka tshwaelang gape mo go tsone.

TSELA YA GO TSHWAELE

Tsweetswee tshwaela ka go romela pampiri ya ditshwaelo e e patagantsweng le eno (tsebe ya bofelo ya tokumente eno) le/kgotsa ka go buisana le batho ba ba kwadilweng fa tlase.

BA O KA IKGOLAGANYANG LE BONE:

Shelley Seton-Rogers kgotsa Chiara Kotze

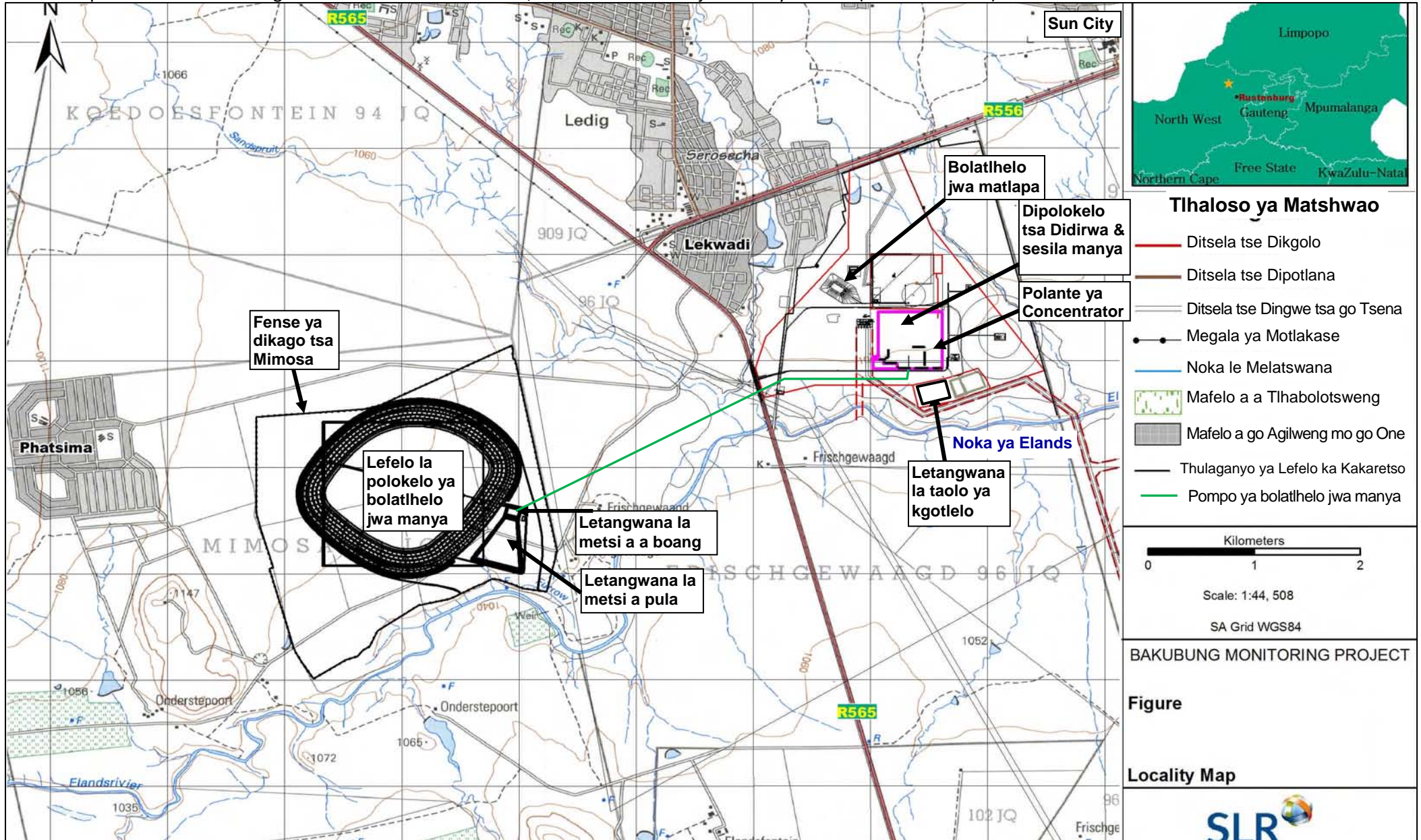
Mogala: 011 467-0945 Fekese: 011 467-0978

Ka poso: P.O. Box 1596, Cramerview, 2060

Imeile: sholt@slrconsulting.com / ckotze@slrconsulting.com

LEFELO LA POROJEKE

Diphetogo tse di dirwang mo Moepong wa Bakubung Platinum di tla dirwa mo dipolasing tsa Frischgewaagd 96JQ (Dikarolo 3, 4 le11) le Mimosa 81JQ gaufi leLedig le Sun City, Bokone Bophirima. Lefelo leno le gaufi le ditsela tsa R565 le R556, mme e kwa bokone jwa Noka ya Elands (Setshwantsho 1).



Setshwantsho 1: Mmapa wa lefelo la Moeipo wa Bakubung Platinum le dikago le madirelo tse di amanang le one

TEBOKAKARETSI YA POROJEKE

Porojeke e go tshitshingwang ka yone e tla akaretsa diphetogo tse di latelang mo Moepong wa Bakubung Platinum:

- Go epiwa ga letamo le legolo la bolatlhelo jwa manya mo polasing ya Mimosa 81JQ. Lefelo leno le tla oketsega go simolola ka dihekethara di le 142 go ya go mo e ka nnang dihekethara di le 166. Bogodimo jwa yone bo tla nna mo e ka nnang dimitara di le 44:
- Pompo ya bolatlhelo jwa manya gareng ga moepo le letangwana la bolatlhelo jwa manya;
- Koketsego ya bogolo jwa polante ya *concentrator* go simolola ka ditone di le 230 000 ka kgwedi go ya go mo e ka nnang ditone di le 265 000 ka kgwedi;
- Koketsego ya bogolo jwa dipolokelo tsa didirwa tsa moepo;
- Go fudusiwa ga sesila-manyana go tswa kafa tlase ga lefatshe go se tlisa fa godimo.
- Go akarediwa ga diminerala mo matlapeng a a latlhiwang mo laesenseng ya go epa, ka gonne matlapa a a latlhiwang a ka nna a silwa le go rekisiwa a tlhakantswe;
- Go tlhomiwa ga dithulaganyo tsa taolo ya kgothego ya mmu go bapa le melatswana ya mo moepong;
- Go bolokwa le go dirisiwa ga dilo tse di kotsi tse di tshwanang le disele le dilo tsa dikhemikhale mo saeteng;
- Dipompo tse dingwe tse di farologaneng le makgabaganyo a ditsela mo godimo ga metsi;
- Moselemaswe o mošwa le dipompo tsa metsi;
- Ditsela tsa moepo tse dišwa tsa mo teng;
- Tlhabisomowa ya dishafote le dipetse tse di bonalan; le
- Dijenereitara mo saeteng tsa makatadimetšhe tsa tlhabisomowa.

Go tla nna le tirisometsi e e latelang e e tlileng go tlhoka gore Laesense ya Tiriso ya Metsi mo Moepong wa Bakubung Platinum Mine e fetolwe:

- *Go ntsha metsi mo motsweding wa metsi* – go ntsha metsi mo dishafoteng;
- *Go boloka metsi (a a senang leswe)* – go boloka metsi mo direseboweng tsa metsi;
- *Go thibela kgotsa go haposa metsi mo molatswaneng wa one, le go fetola dipotana tsa matangwana, melatswana, kgotsa dipopego tsa melatswana - makgabaganyo a a farologaneng a melatswana, le dikgato tsa go laola kgothego ya mmu;*
- *Go latlha dilatlheiswa ka tsela e e ka nnang ya ama melatswana - matangwana a bolatlhelo jwa maje, matangwana a metsi a a boang, matangwana a metsi a pula, matangwana a taolo ya kgotlelo, matangwana a bogorogelo jwa metsi, bolatlhelo jwa matlapa a a latlhiwang, polante ya phepafatso ya maswe, polokelo ya manya, thibelo ya lelore ka metsi;*
- *Go tlosa, go ntsha kgotsa go latlha metsi a a bonwang kafa tlase ga lefatshe fa go tlhokega gore tiro e tswaledisiwe ka botswere, kgotsa malebana le tshireletsego ya batho* – go ntsha metsi mo dishafoteng tsa moepo.

Go tla dirwa ditiro tse di latelang tsa go latlha ga dilatlhiwa se se tla tlhokang Laesense ya Taolo ya Dilatlhiwa:

- Letangwana la bolatlhelo jwa manya;
- Bolatlhelo jwa matlapa a a latlhiwang;
- Lebala la kamogelo (polokelo ya nakwana ya leswe ka kakaretso le le kotsi)

KAFA TIKOLOGO E KA NNANG YA AMEGA KA TENG

Go lemogilwe lenaane le le latelang la dilo tse mo tshimologong di ka nnang tsa ama mme di tla sekasekiwa e le karolo ya tiro ya tshakatsheko ya tikologo.

Tshireletsego: Porojeke e go tshitshingwang ka yone e ka nna ya fetola tebe go ya lefatshe le go dira dikago le ditsela le go epiwa mo go ka nnang kotsi mo bathong le diphologolo.

Bokgoni jwa Mmu le Lefatshe: Fa dikago le ditsela di tlileng go nna teng go ka nna ga ama ditswammung ka go kgorelediwa ga lefatshe (go kgothega le go papaitelwa ga mmu) le/kgotsa kgotlelo. Go latlhega ga ditswammung go ama ka tlhamalalo se lefatshe ka tlhago le kgonang go se dira.

Ditshedi tse di farologaneng: Fa dikago le ditsela di tlileng go nna teng go ka nna ga kgoreletsa le/kgotsa ga senya dimela, mafelo a bonno le tiro ditshedi tikologong ya tsone.

Metsi a a fa godimo ga lefatshe: Porojeke e go tshitshinngwang ka yone e na le bokgoni jwa go fetola ditsela tsa go gogolwa ga leswe mo godimo ga lefatshe ka baka la fa dikago le ditsela di leng teng le go kgotlelwa ga metswedi ya metsi a a fa godimo ga lefatshe.

Metsi a a kafa tlase ga lefatshe: Porojeke e go tshitshinngwang ka yone e ka nna ya kgona go kgotlela metswedi ya metsi a a kafa tlase ga lefatshe e e ka nnang ya ama gore badirisi ba bangwe ba kgone go bona metsi ao a a kafa tlase ga lefatshe.

Mowa: Porojeke e go tshitshinngwang ka yone eno le yone e ka nna ya kgotlela mowa.

Modumo: Porojeke e go tshitshinngwang ka yone e ka nna ya dira gore go nne le modumo o montsi ka baka la go agiwa le ditiro tsa dikago le ditsela.

Tebego ya lefatshe: Lefelo le dikago le ditsela di agiwang mo go lone le ka nna la ama tebego ya lefatshe ka go fetolwa ga dipopego dingwe tsa lefatshe la lefelo.

Ditsompelo tsa boswa/setso: Porojeke eno e ka nna ya senya ditsompelo tsa boswa fa go ka lemogiwa ditsompelo dipe tsa boswa/ngwao.

Tiriso ya lefatshe: Porojeke e go tshitshinngwang ka yone e ka nna ya ama kafa lefatshe le le mo tikologong le dirisiwang ka lone jaaka mafulo diruiwa, meepo e e mo tikologong le dikago le ditsela (megala ya motlakase, seporo sa terena le ditsela).

Ikonomi le loago: Porojeke e go tshitshinngwang ka yone e ka nna ya ama batho le ikonomi ka tsela e e siameng le e e sa siamang. Tsela e e siameng e e ka amang batho ka teng ke go ba direla ditiro le go tlhatlosa ikonomi ya mo lefelong le ya kgaolo. Tsela e e sa siamang e batho le ikonomi ba ka amegang ka teng jaaka go tshologela ga batho ba bantsi ba ba batlang ditiro ke gone mo go bakang malwetsi a batho.

DITLHOKEGO TSA SEMOLAO TSA TIKOLOGO

Tlhatlhobo ya ntlha ya semolao e bontshitse gore diphetogo tse di dirwang mo Moepong wa Bakubung Platinum di tllile go batla dithebolelo tse dintsi go ya ka melao e e farologaneng le go diragadiwang ke balaodi ba ba nang le bokgoni.

Go newa kitsiso fano go ya ka molao o o latelang, gore dikopo tsa dithebolelo tse di tlhokegang di tla romelwa kwa balaoding ba ba maleba ba puso ba ba kwadilweng fa tlase:

Molao	Ditiro tse di Kwadilweng (lenaane la ntlha)	Tiro e e Tlhokegang	Balaodi ba ba Dirang ka Tshwanelo
Molao wa Naga wa Taolo ya Tikologo (<i>National Environmental Management Act</i>) 107 ya 1998	GNR 983 (2), (9), (10), (12), (14), (19), (25), (27), (28). GNR 984 (2), (4), (6), (15), (17), (21), (25). GNR 985 (4), (10), (12).	Go romelwa ga kopo, Tshekatsheko le Dipego tsa EIA	Lefapha la Porofense ya Bokone Bophirima la Metswedi ya Dimenerala (<i>North West Department of Mineral Resources</i>) (DMR)

Molao	Ditiro tse di Kwadilweng (Ienaane la ntlha)	Tiro e e Tlhokegang	Balaodi ba ba Dirang ka Tshwanelo
Molao wa Go Dirwa ga Ditsompelo tsa Dimenerala le Peterolo (<i>Mineral and Petroleum Resources Development Act</i>) 28 ya 2002	N/A	Karolo 102 e e Fetotsweng - go romelwa ga Dipego tsa Tshekatsheko le EIA (go akaretsa le EMPr).	DMR ya Bokone Bophirima
Taolo ya Tikologo ya Naga (<i>National Environmental Management: Molao wa Diphologolo le Ditlhare Tse di Farologaneng (Biodiversity Act)</i> 10 wa 2004	N/A	Go romelwa ga foromo ya kopo (fa e le gore e a tlhokega le fa go ka bonwa diphologolo tse di sireleditsweng mo saeteng).	Lefapha la Bokone-Bophirima Tlhabololo ya Metseselegae, ya Tikologo le ya Temothuto (<i>Rural, Environment & Agricultural Development (NWREAD)</i>)/ Lefapha la Temothuo, Le Tshwaro ya Ditlhapi le ya Dikgwa (<i>Dept. Agriculture, Fisheries & Forestry</i>)
Molao wa Naga wa Metsi (<i>National Water Act</i>) 36 wa 1998	Ditiriso tse di farologaneng tsa metsi Water uses: S21(a), (b), (c), (g), (i) and (j).	Laesense e e kopantsweng ya tiriso ya metsi	Lefapha la Metsi le go Ntshiwa ga Leswe
Molao wa Ditsompelo tsa Boswa jwa Naga (<i>National Heritage Resources Act</i>) 25 wa 1999	N/A	Kitsiso go <i>South African Heritage Resources Agency (SAHRA)</i> .	SAHRA
Taolo ya Tikologo ya Naga (<i>National Environmental Management: Molao wa Dilatliwa (Waste Act)</i> 59 wa 2008	GNR 921 Category B (7)	Go romelwa ga kopo, Tshekatsheko le Dipego tsa EIA	DMR

TIRO YA MO TIKOLOGONG

Tiro ya tikologo e naya tshedimosetso ka porojeke le tikologo e e dirwang mo go yone. E lemotsha, ka dipuisano le batsayakarolo ba ba nang le kgathhego le/kgotsa ba ba amegileng (di-IAP), kafa porojeke eno e ka nnang ya ama ka teng ka tsela e e sa siamang le e e siameng, le dipego ka dikgato tse go tlhokegang gore balaodi ba di tseye go baakanya go amega ga tikologo gore e nne mo maemong a a amogelesegang.

Pele ga porojeke eno e go tshithshingwang ka yone e simologa, go tlhokega gore go dirwe tiro ya go sekaseka tikologo, e e akaretsang go dira kopo, pego ya tshekatsheko, EIA le EMP.

Tshekatsheko

Tshekatsheko e akaretsa go lemogiwa ga mathata a tikologo le matshwenyego. Tshwaelo ya morafe ke karolo ya konokono ya kgato ya tlhatlhubo ya tshekatshekako. Mefuta e e tshwanetseng go tsamaisa patlisiso ya EIA e rulagantswe, go tlhomamisa gore mathata a a lemogilweng a baakangwe ka botlalo.

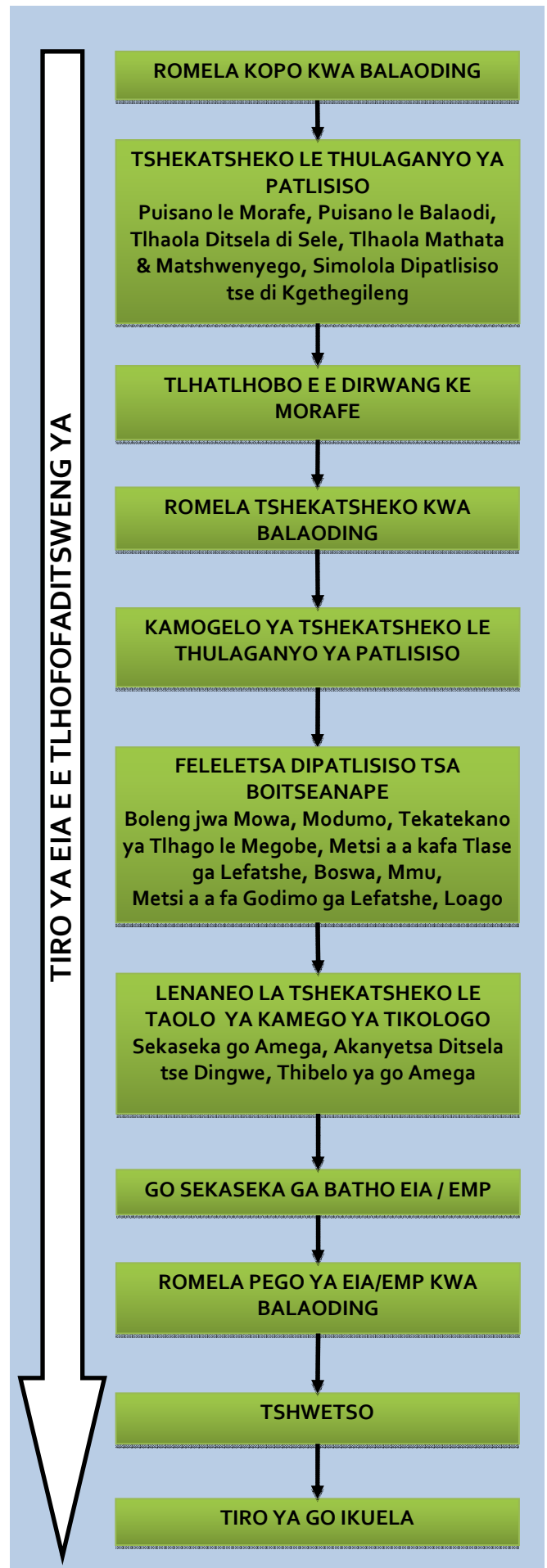
Tshekatsheko ya Kamego ya Tikologo (*Environmental Impact Assessment*)(EIA)

Seno se akaretsa tlhatlhubo ya tshedimosetso e e leng teng ya porojeke le ya tikologo go lemoga kafa tikologo e ka amegang ka teng le go sekaseka kafa dikamego tseno e leng tsa botlhokwa ka teng. Baitseanape ba dirisiwa go naya pono ya baitseanape malebana le dikamego tseno mme gantsi ba dirisa dikao tsa mo khomphiutheng go thusa mo dipatlisisong tseno.

Lenaneo la Taolo ya Tikologo (EMP)

Go tla tlhamiwa EMP, boikaelelo e le go baakanya go amega ga tikologo mo go lemogilweng le go dira dikgato tsa go fokotsa bodiphatsa gore maemo e nne a a amogelesegang? Go dirisiwa diitshitsinyo tsa baitseanape go thusa go tlhama EMP.

Dikgato tse di ka nnang tsa tsewa tsa tiro eno di nwa fa tlase fano. DI-IAP le banaleseabe ba bangwe ba ba kwadisitsweng mo polokelong ya tshedimosetso ya porojeke eno ba tla amogela kitsiso ka malatsi a a buletsweng go abelana tshedimosetso le dinako tsa tlhatlhubo ya pego pele ga nako.



**PAMPIRI YA DITSHWAELO TSA MORAFE TSA DIPHETOLO TSA MO MOEPONG WA
BAKUBUNG PLATINUM**

LEDIG, POROFENSE YA BOKONE BOPHIRIMA

Ditshwaelo tsotlhe tsa ntlha di tshwanetse go goroga kwa go rona ka **24 Phatwe 2015**

LETLHA		NAKO	
LEINA			
ATERESE YA POSO			
		KHOUTU YA POSO	
ATERESE YA MMILA			
		KHOUTU YA POSO	
NOMORO YA MOGALA YA KWA TIRONG/ MOTSHEGARE		NOMORO YA FEKESE YA KWA TIRONG/ MOTSHEGARE	
NOMORO YA SELULAFOUNO		ATERESE YA IMEILE	

**FA E LE GORE O ITSE BANGWE BA BA TSHWANETSENG GO ITSISIWE, TSWEETSWE RE NEYE DINTLHA TSA GO
IKGOLAGANYA LE BONE**

TSWEETSWE SUPA KGATLHEGO YA GAGO MO POROJEKENG E GO TSHITSHINNGWANG KA YONE.

TSWEETSWE KWALA DITSHWAELO TSA GAGO LE DIPOTSO FANO

1. Tsweetswee naya tshedimosetso mabapi ya kafa dikgatlhego tsa gago (tsa ikonomi le loago, setso, boswa kgotsa tikologo, jalo jalo) di tllileng go amiwa ke porojeke e go tshitshinngwang ka yone ka teng.
2. A akanya gore ditiro tse go tshitshinngwang gore di dirwe di tlile go ama wena le maemo a gago a ikonomi le loago jang?
3. Dikakantsho tsa gago ke dife tsa go thibela kafa go akanngwang gore tiro nngwe le nngwe ya porojeke e tlile go ama ka teng?
4. Go ya ka wena, lefatshe le dirisiwa jang mo nakong eno le gore ditiro tseo di fa kae mo lefelong la porojeke?
5. Mafelo a dipopego tsa tikologo ke afe mo saeteng eno?
6. Go ka thibelwa jang ka fa tikologo e ka nnang ya amega ka eng, mme go ya bokgakaleng bofe?
7. Go ka fokodiwa jang kafa maemo a gago a ikonomi le loago a ka nnang a amega ka teng?
8. Go ka laolwa jang, ga tilwa kgotsa ga baakanngwa jang kafa dikago le ditsela tsa lona di ka nnang tsa amega ka teng?

Tsweetswee busetsa diforomo tse di tladitsweng kwa go:

Shelley Seton-Rogers kgotsa Chiara Kotze
SLR Consulting (Africa) (Pty) Ltd
(011) 467 0978 (Fax) / (011) 467 0945 (Tel)
Imeile: ckotze@slrconsulting.com kgotsasholt@slrconsulting.com
Ka poso: P.O. Box 1596, Cramerview, 2060, Aforika Borwa



- **Notices**

Relive childhood dreams at the Impi Challenge in Gauteng

RUSTENBURG HERALD - RUSTENBURG - The adrenaline pumping Impi Challenge heads to the North West Province one last time in 2015.



Taking place at the picturesque Van Gaalens Cheese Farm (Hartbeespoort) on Thursday, 24 September 2015, adventure seekers can expect to get dirty! A trail run with a twist, the Impi Challenge has five fun categories to choose from and is ideal for entrants of all ages.

Categories: Impi Challenge - 10km with 18 obstacles (age 18+ years); Impi Dash - 5km with 12 obstacles (ages 10+, all adults welcome); Impi Mini - 1km with smaller supervised obstacles (ages 6 - 10 years); Impi Elite - 18-20km with 25 tough obstacles (age 18+ years; timed event with prize money); Impi Corporate - the 10km Challenge distance with extra benefits (age 18+ years). Prize money will be allocated to the top 3 finishers in the men's and women's Impi Elite Race.

An event favourite, entrants are invited to enter the best dressed competition. Pull out all the stops! There are awesome sponsor prizes up for grabs. Family and friends are invited to relax in the Festival Area while loved ones conquer their fears out on route.

For more information on the Impi Challenge contact 076 772 3735, email info@impichallenge.co.za

or visit www.impichallenge.co.za.

Should entrants wish to experience the true camaraderie of the Impi Challenge, competitors are encouraged to enter as part of a team. Seen here are participants in action earlier this year. (Photo credit: Mark Sampson|THRIBE).

Impala hardloop oor Randfontein

RUSTENBURG HERALD - RANDFONTEIN - As iemand gedink het dat Rustenburg Impala het hulle slag verloor as gevolg van hulle speeldroogte moet hulle dalk weer dink. Rustenburg Impala se Newrakes eerste span het Saterdag op Randfontein die tuisspan in 'n vriendskaplike wedstryd verspot maklik met 'n reusagtige 75 - 5 geklop.

In die proses het Rustenburg Impala 'n allemintige 11 drie gedruk teenoor die enkele poging van Randfontein. Dit bly steeds 'n groot jammer dat die tweedebeste klubspan in die land nie in 'n volwaardige liga speel nie maar terselfdertyd is dit 'n groot compliment aan die spelers en die afrigtingsspan van Nico le Roux dat hulle fokus behou en elke wedstryd steeds hul beste lewer.

Daar bly vir Impala twee wedstryde oor vir die seisoen. In albei wedstryde het hulle 'n appetijte te skil met hulle opponent. Eerstens is daar Centurion wat hulle vroeë die seisoen geklop het toe hulle met 'n erg verswakte span teen Centurion moes opdraf en Tukkies - die enkele een span wat hulle nog nie die seisoen kon klop nie.

Maar om reg te laat geskied aan die wedstryd van Saterdag. Die agterlyn het gekook en die twee senters Edmar Marais en Dumi Matyeshane het elk twee drie gedruk en so ook die speler van die wedstryd Kyle Verwey. Verwey het gewys dat hy nie net spoed het nie maar ook 'n giftige afstamp as 'n opponent te naby aan hom kom.

Die heelagter Aubrey MacDonald het ook gedruk onder die agterspelers. Dit was egter nie net die agterspelers wat ballaar het nie - verskeie van die voorspelers soos Leon du Plessis (agtsteman), Justin Wheeler (flank), Bruce Muller (haker) en Tiaan Nel (slot) het ook bygedra tot die elf drieë.

Die doelskoppe was ook 'n span poging en almal wat wou en kon het 'n kans gekry. Nie dat hulle nie kon nie want 10 van die 11 drieë is verdoel deur MacDonald (4),

Wheeler (3) en Henro Huyser, Verwey, en Muller elk een.

Dit was nie net die eerstespan wat hulle ding gedoen het nie maar selfs die tweedespan het hul wedstryd gemaklik met 33 - 7 gewen.



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PUBLIC PARTICIPATION PROCESS

NOTICE OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION, ENVIRONMENTAL MANAGEMENT PROGRAMME AMENDMENT, WATER USE LICENCE & WASTE MANAGEMENT LICENCE FOR THE CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE, LEDIG, NORTH WEST

Westwag Platinum Limited is the owner of Bakubung Platinum Mine, currently shaft sinking on the farm Frischgewaagd 95.D (Portions 3, 4, and 11). The mine is located near Ledig, south of the Phaleburg Game Reserve and Sun City in the North West Province. Two reefs are mined for platinum, palladium, rhodium and gold, with copper and nickel as by-products.

The Bakubung Platinum Mine received Environmental Authorisation in 2005, in terms of both the National Environmental Management Act (Act 107 of 1989) (NEMA) & Mineral and Petroleum Resources Development Act (Act 28 of 2002) (MPRDA). The mine's Water Use Licence (WUL) was issued in 2010 in terms of the National Water Act 36 of 1998 (NWA).

Westwag would like to make several changes to infrastructure at the approved mine which require an additional Environmental Authorisation, Waste Management Licence (WML) & WUL amendment. The proposed project will likely involve the following changes to the approved mine, some of which require Environmental Authorisation: larger tailings dam & tailings pipeline; increased capacity of concentrator plant & product stockpiles; relocation of one crusher from underground to surface; inclusion of minerals in waste rock into the mining licence; erosion control; storage & handling of dangerous goods; sewerage & water pipelines; internal roads; pipeline & road crossings over watercourses; ventilation shafts & raise boreholes; back-up generators.

Water uses which require an amendment to the Bakubung Platinum Mine's WUL include: dewatering mine shafts; water reservoirs; watercourse crossings & erosion control; tailings dam; return water dams; storm water dams; waste rock dumps, sewage treatment plant, one stockpiles; pollution control dams; dust suppression with water & increased capacity of settling dams.

Waste activities which require a WML include: tailings dam; waste rock dumps & salvage yard.

Notice is hereby given in terms of the legislation listed below, of the various environmental approvals required prior to changes to the approved Bakubung Platinum Mine. The preliminary lists of likely listed activities are included below:

NEMA - GNR 963: activity 2, 9, 10, 12, 14, 15, 25, 27, 28. GNR 984: activity 2, 4, 6, 15, 17, 21, 25. GNR 985: activity 4, 10, 12. National Environmental Management, Waste Act 159 of 2008 - GN 921 Category B 7. NWA - Water uses in section 21 a, b, c, g, h, i. MPRDA - Section 102 amendment.

SLR Consulting (Africa) (Pty) Ltd has been appointed as the independent environmental practitioner responsible for undertaking the necessary environmental work and conducting the public participation process for the project. These applications will be supported by a full Environmental Impact Assessment Process in terms of the Environmental Impact Assessment Regulations (GNR982).

Public Open Days will be held for this project. If you would like to receive details of the Open Days, find out more information, register as an interested & affected party, or raise issues & concerns contact **Chiara Kotze** or **Shelley Seton-Rogers**.

Email: ckotze@slrconsulting.com or sshelley@slrconsulting.com
Tel: 011 467 0945 Fax: 011 467 0975
Post: PO Box 1396, Cramerview, 2060

SLR

PLEASE SEND YOUR INITIAL COMMENTS & QUESTIONS BY 24 AUGUST 2015

LEDIG SUN

Bringing news and views to the Ledig Community

Agricultural crop project reaps rewards P3



Private sector and government partnership in action P3



Shoe giveaway event brings community together P4



Soccer tournament showcases local talent P8



Stakeholder Engagement Forum Set for New Beginnings

By a Ledig Sun Reporter



Wesizwe Platinum's Stakeholder Engagement Forum (SEF), which seeks to provide a platform for host communities to interact and ask questions of Wesizwe and the Bakubung Platinum Mine Management through their elected leaders, was nearly plunged into chaos in the last semester of 2014. This was caused as a result of the actions of a rowdy minority that used every opportunity to disrupt and divert the gathering from its intended cause. This prompted those that wanted to see this meeting serving its true purpose, standing up and asking what needs to be done going forward.

Earlier in the year, Wesizwe Platinum's Corporate Affairs and Investor Relations Executive, Hamlet Morule, called regional staff members to reflect on and discuss the future role of the Stakeholder Engagement Forum and its relevance, given what was happening at its meetings. This was followed by review sessions with selected leaders of community organisations, including the leadership of the Bakubung Tribal Authority through Dikgoro, asking the very pertinent question: what needs to be done to salvage and restore the SEF to its intended mandate? Some of the very incisive contributions and suggestions made at these review sessions were presented to the gathering by Mr Morule.

Proceedings were, as usual, started by a presentation by Bakubung Platinum Mine General Manager, Mr Eddie Mohlabi, who said: "Safety, health, and environmental integrity remain the cornerstone of our operations. We

believe that every employee must enter and leave our premises unharmed. It is therefore painful for me to stand before you here with our operation having suffered a loss of life in the past month." A worker had slipped and fallen to the bottom of the shaft after not having considered and adhered to all the necessary safety regulations prior to his attempting to walk off a ramp. The deceased succumbed to his injuries after being taken to hospital by special ambulance. "The patient passed on despite attempts to stabilise and save him. There was no way anyone would have survived the injury he sustained, anywhere in the world, as his fall resulted in damage to almost all his internal organs," added Mr Mohlabi. This was after Mr Penyenye from Ward 28 had asked whether it was true that there was a delay in getting the injured worker to hospital.

The General Manager also announced that surface work at the mine will commence at great speed in the coming semester, as a lot of build work will be started on the surface. "This includes installation of rail systems, mine store construction, and a bay for separating and bagging rocks destined for testing at the Mintek concentrator plant. Most of the surface work will be procured by local SMMEs and companies that meet the required legislative competency levels. A progress report was also given on the bulk electricity supply project, which had been temporarily delayed while Eskom was looking for a suitable contractor. The project is scheduled for completion in March 2016. The Pilanesberg Bulk Water Supply project is also on track, with the reservoir at Mafenya complete, and earthworks and the access road currently under construction. That phase of the project is scheduled for completion at the end of 2016. He further announced that approval is still pending from SANRAL for the pipeline to cross the Sun City/Ledig road. "Despite delays brought about by unrest in the community earlier, we remain hopeful that these projects will be completed in due course and not much later than the initially decided dates, meaning the community will have services provided to them", he concluded.

The GM's presentation was welcomed by most delegates, with a request from the floor that he in future simplify the technical language employed to make for easier understanding for those not familiar with mining technical language!

Mr Lion Phasha, Project Implementation Manager responsible for the Social Labour Plan was next to present. He continued to feedback on the bulk water supply project updates, which will see the building of a 5,2km pipeline, a pump-station, and a new 5ML reservoir in Ledig. The project is scheduled for completion in October 2016. On the Bakubung Clinic and Youth Centre, Mr Phasha announced that construction work was 100% complete, and Wesizwe was waiting for the Department of Health to install medical equipment before the facility could be officially opened. Concerns were raised with the delays in officially opening this facility, as such delays lead to a loss of enthusiasm from the community, and leave the building vulnerable to vandals and thieves.

The Zwartkoppies Agricultural Project was also on track, with a harvest of the first crop on the plantation side of the farm expected in July/August. "We are proud to announce that irrigation systems are in place and operating well, in addition to the roofing of overall structures. We are 75% through the over-head netting of the crop planting areas, and we hope this to be complete before the onset of winter," Mr Phasha said. He was also very pleased to announce that the project has also employed and trained community members who had applied and been accepted to work at the project. "We have offered Level 1 theory training in vaccination, animal feeding and other related courses, and we will in future employ more people from our host communities as the project grows." The



Continued from previous page

project will be officially launched after consultation with Department of Agriculture, Moses Kotane and Rustenburg Local Municipalities.

The vexing issue of SMME development was raised again, with concerns expressed about delays in getting this training off the ground. Mr Phasha reported that Wesizwe's Procurement division had already started looking for suitably qualified trainers, and that appointments were to be finalised by the end of June 2015. Whole school development programmes were on track, and school infrastructure development projects were completed in March 2015. "We call on communities to jealously guard against these facilities being vandalised, as Wesizwe cannot be called to repeat what it had already given," Mr Phasha warned. His division was continuously engaging with partners and contractors at the mine project, to ensure and fast-track the involvement of locals as contractors and suppliers, and not just as employed labour.

Wesizwe's Human Resources Manager, Mr Jason Nokana presented his divisional report for quarter 2. Key projects include:

- Community mining skills development programmes: These include rock drill operators, blasting assistants and other core mining training programmes, which saw a total of 300 people being absorbed and recruited for training. This was achieved after lengthy agreement talks with Impala Mining after Royal Bafokeng Platinum had delayed in taking selected candidates for training
- Learnerships: A total of 25 trainees have been taken in for training in the fields of Engineering and Mining Engineering
- Portable Skills Programme: 150 Ledig residents are currently undergoing training in bricklaying, plumbing,



- tiling, computer studies, painting and plastering
- Bursaries: These have been allocated for studies at FET colleges and universities, involving 12 bursars
- Internships: The next uptake is scheduled for July 2015, and will see a total of 16 interns taken into various departments within Wesizwe Platinum

The Stakeholder Relations division gave an update on the programme of events and commemorations for the coming quarter, with the community encouraged to take part in various planned events. Communications platforms like the Ledig Sun newspaper, the Community E-newsletter, as well as the Ledig Sun Facebook page, were discussed. Delegates were once again reminded of the new complaints, enquiry and compliment capturing system, which is intended to record communication between ordinary community members and Bakubung Platinum Mine, and how their grievances are handled and resolved.

After presenting the founding terms of reference of the Stakeholder Engagement Forum (SEF), Wesizwe's Corporate Affairs and Investor Relations Executive, Mr Hamlet Morule, then proceeded with a summary of points raised at the review meetings referred to earlier. A perception survey conducted in 2014 had revealed that the community's perception of the SEF was, among others:

- Ordinary, randomly selected respondents had practically never heard from the SEF: only 2% of respondents reported to have heard of the SEF's existence
- There are differing opinions on the effectiveness of the SEF in its current format. An area of improvement that was frequently mentioned was the need to improve the cascading of information from stakeholder representatives in the forum to their constituencies after the forum meetings

As a way forward, Mr Morule suggested the convening of a half-day workshop which will consider:

- Setting a vision and level of ambition for future engagement, and a review of past actions
- Defining criteria for identifying and prioritizing stakeholders and selecting an engagement mechanism
- Focusing on short and long-term goals, determining logistics for the engagement, and setting the rules

"It is important that we set rules that will ensure that information cascades to all in the community, and that those in leadership positions – including the Bakubung Traditional Authority - plays its part in this project. I expect that each one of you will share this meeting pack with others in your constituencies," Mr Morule concluded.

Wesizwe Crop Agricultural Project Starts to See Results

By Keamogetse Dichaba

Bakubung Platinum Mine, in conjunction with Umtali, has implemented an Agricultural Project on the Zwartkoppies Farm. The project currently has two hectares of Shade Net Structures, with each group of Beneficiaries assigned to a hectare. Each group of Beneficiaries consists of 10 members. In total there will be four hectares of Shade Net Structures on the project. The first Structure has been completely planted with cabbage and spinach, utilising the drip-irrigation method. The second structure is being prepared for planting by applying chicken manure and 2-3-2 fertiliser, to add nutrients to the soil before planting.

Umtali has completed the recruitment process for the 3rd and 4th group of beneficiaries. The 3rd Group reported for duty on the 8th of June 2015. In order to prepare for the project, they participated in a programme which included Induction for two days, Health and Safety Training for two days and First Aid Training for four days. The next phase of the programme involves attending a Basic Life-Skills Training before they commence work on the 29th of June 2015. Neo Senosi, who is the Extension officer on the Agricultural Project, facilitated the Induction Programme and emphasis was given on the beneficiaries understanding the Business Model of the Project. The Farm Manager, Mr Clifford Mphahlele, also took part in the Induction Programme to assist with any questions the beneficiaries might have regarding the Project.



Spinach seedlings have been planted in the 1st Structure.



2nd Group of Beneficiaries removing weeds and clearing site in their Structure.



Cabbage seedlings have been planted in the 1st Structure



3rd Group of Beneficiaries attending Induction Programme. Neo Senosi, the Extension Officer for the project, pictured facilitating the Induction

Masepala wa Moses Kotane o ya ko bathong...

By a Ledig Sun Reporter



Moses Kotane Local Municipality Mayor

Morago ga fa puso ya Profense ya Bokone Bophirima e sena go dira diaba ka go tliša pulo ya palamente ya Profense kwa Mogwase Stadium mo malobeng; Masepala wa Moses Kotane o ne wa dira fela jalo le one, ka go rebola puiso ya tekanyetso-kabo (Budget speech) kwa motseng wa Motlhabe! Se, se diragatse kwa Motlhabe Community Hall ka 29 Motsheganong 2015. Tekanyetso kabo e, e neela baagi ka lenaneo la ditirelo tseo puso ya selegae e tšileng go semella ka tsone mo ngwageng o wa dichelete o wa 2015/2016.

Mojoro wa masepala Mme Fetsang Mokati-Thebe, Speaker C/r Ralesole Diale, maloko a Executive Committee, Magosi le Makhanselara, mmogo le baeng ba ba neng ba akaretsa bana ba dikolo ba ba neng ba laleditswe, ba ne ba sekegela Majoro tsebe ga a ba amogela le go neelana ka tekanyetso-kabo. Mo puong ya gagwe, Majoro o ne a leboga puso ya Bokone Bophirima ka kakanyo e ntle ya go tliša pulo ya palamente ya Profense mo Moses Kotane, ka go rialo puso ya tlotlomatsa serodumo sa Masepala o. O ne gape a gopola tirelo ya poloko ya ga Rre Moses Mauane Kotane, yo marapo a gagwe a neng a bolokwa ka tlotlo mo motseng waabo wa Pella, morago ga go busediwa gae go tšwa kwa Russia, koo a neng a boloketswe gone ka nako tsele tsa thaele. "Re motlotlo gore go tšwa dikgato ga jaana go thaa Profense ya ro na leina le le shwa la mogaka yo wa rona, Rre Moses Kotane. Go matšhwanele gore a bone tlotlo ee jalo, ka e motšhwanna le ditiro tsa gagwe di itšhupile"; mme Mokati -Thebe o ne a tšhwaela jalo.

"Ke motlotlo go itsise kokoano e gore pegelo ya seshweng ya moruni kakaretso e supile masepala wa rona jaaka o mongwe yo o dirileng sentle ka tsamaiso ya matlotlo, mme ebile tonakgolo ya profense o ne maloba a neela masepala o setifikeiti sa tlotlomatsa morago ga pegelo ya moruni kakaretso. Majoro o itsisitse gape tumallano le setlamo sa Anglo American, ya go natlafatsa le go thabolla bokgoni jwa masepala go tsamaisa matlole, go isa ditšhwanelo ko bathong, le go baakanyetsa pele kago le thabollo ya mafaratšhatšha a metsi, motlakase, le ditirelo tse dingwe.

"Bojanala e santse e le ngwe ya dipilara tse ikonomi e masepala wa rona e ikaegileng ka yona, mme re tliša tšwella go dirisana le ditheo di tšhwana le Sun City, dirapa tsa Pilanesberg le Madikwe, le ditheo tse dingwe tsa bojanala go oketsa letseno go tšwa kwa lephateng le la ikonomi" Majoro o itsisitse gape ka go thankgollwa ga Platinum Valley Special Economic Zone, e dikantor tsa yona di tliša nngang kwa Bodirelo Industrial Park e e gaufi le Mogwase. Gareng ga tse dingwe, ngwaga o wa dichelete o tliša bona ditšhabollo tse di latelang:

- Information and Communication Technology: seno se tliša dirwa go lebeleletse gore baagi botšhe ba masepala ba kgone go fitšhella thaeletsano ya internet
- Tlamelo ya metsi: ka tirisano mmogo le setlamo sa Magalies Water le Wesizwe Platinum, go tliša agiwa peipi le letamo (reservoir) e tliša tlamelang baagi ba Ledig le Mahobieskraal. Go tliša dirwa gape le di-borehole mo metseng e mengwe ya masepala, go neela baagi metsi
- Ditšela le mesele ya metsi: masepala o tšhophile metse e le mmalwa go baakanya mesele ya metsi le ditšela, mme Ledig le yona e tliša tšhwa ka go baakannngwa ga ditšela mo gare ga motse
- Matlakala le leswe: masepala o theile lenaane la go ruta baagi ka thokomelo ya tikologo (environmental awareness campaign), e tliša tsamayang mmogo le go ntlafatsa di-park le mafelo a baagi ba itapologang kwa go one
- Di-Hall tsa baagi le mabitla: metse e le mmalwa e tliša agelwa di-hall le dirapa tsa baswi di tliša thabollwa ka go agelwa magora le go phepafadiwa

"Temothuo le yona ke lephata la ikonomi le masepala wa rona o ikaegileng ka lona. Re tliša tšweletswa diprojeke tsa go rua le go gweba ka dipudi, mme balemi ba sonneblomo ba tliša fiwa thuso e e kgethegileng kwa metseng e

tšhwana le Khayakhulu, Bapong, Magong, Kraalhoek le Ramoshibitswane, mme re tliša tšwella go rupella le go thabolla balemi-ru ba rona ka go ba neela tšhedimosetso le thuto ka mekgwa ya sesheng ya temothuo". Majoro o konoseditse ka go gwetšha ditlamo tse di dirang mo Moses Kotane Local Municipality go thapa le go rupella baagi ba metse e e mabapi, go thusa go lwantsha bothoka-tiro mo baaging. O ne gape a akgola barutwana ba ba neng ba laleditswe go dira ka thata mo dithutong tsa bone, ka gonne ba dirile go le gontle mo dithutong tsa saense le dipalo mo nakong e e fetileng. Baagi ba motse wa Motlhabe ba ne ba le motlotlo tota go be ba filwe chono ya go amogela Majoro, Speaker, Lekgotla-tsamaiso la masepala le makhanselara ba ba neng ba thologetse mo motseng wa bone.



Members of the Moses Kotane Local Municipality



Members of the Moses Kotane Local Municipality

A new partnership between the private sector and government for the benefit of the people!

By Zanele Sithole



Collen Maine

Municipalities in the North West Province have welcomed the recent launch of the FNB Academy of Municipal Excellence which seeks to ensure that financial management situations in Municipalities are handled with care. Many Municipalities within the Province face amalgamation because of their misuse of funds.

Through the new FNB Academy of Municipal Excellence, officials will receive the necessary core skills to ensure that administration and functionality in Municipalities is of a good standard.

Speaking at Sun City where the official launch event

was held, the MEC for Local Government and Human Settlements, Mr Collen Maine welcomed the academy launch as it is also going to support government by assisting struggling municipalities.

"We remain inspired as the people of Bokone Bophirima that this occasion is hosted here in our province. This should be enough motivation for all of us to make the best use of this platform, to unleash the potential which our local government can achieve," said MEC Maine.

"I hope that with assistance from FNB there will be enough skill given to our municipal officials. If we walk together,

the banks, municipalities and the department we can overcome many challenges," said the MEC.

Pati Kgomo from the Department of Local Government and Human Settlements in the North West said that she was excited about the program, "at least from the strategic partnership of government and the private sector there will not be any money wasting, but building the government. I also hope that this will not only end now but will go a long way in changing the future of our local government."

The academy has been launched nationwide by Minister Pravin Gordhan.

A New Core Business Skills Programme to Prepare Local People for Work in the Mining Sector

Ledig Sun spoke to Wesizwe Platinum's Executive HR, Basetsana Ramaboa, about the forthcoming launch in July of an exciting new skills development programme for local people in the mining sector



Basetsana Ramaboa

Bakubung Platinum Mine, as we are all aware, is a startup mine and therefore we have to ensure that from now until the mine reaches its ready state, we have the right people in the right jobs. So, in partnership with our community, we are in the process of putting measures in place to ensure that this happens. Wesizwe Platinum has sourced the services of Harambee, which is an NGO launched in 2011, and which undertakes community skills assessments. As a result, Harambee will be assessing local

people to identify their potential and ability to ensure that they access employment opportunities at the mine as and when it arises.

Due to the fact that Wesizwe is still at a building phase, we have decided to sign a synergy agreement with an existing mine who has got a training facility for all the skills that we require until production. We have signed an SLA with this Mine around Rustenburg and they will be assisting us in realising this goal. Our main focus is to train people on core business skills and we aspire to train 1200 people from our local community over a period of three years, and our aim is to make them employable in the mining industry. However, for this financial year 2015, we will be training up to 400 people as part of this initiative. We will be launching this new training programme on 10th July in Ledig through Bakubung Platinum Mine.

At the end of their training period, these people will emerge with different sets of core skills, each one with a formal competency certificate in their key skill area. This will equip these trainees with the necessary skills to enter the world of work in the mining sector. The chosen training provider is a registered specialist provider, qualified and experienced to provide core business skills in mining. It is hoped that these trainees will eventually be able to join Bakubung Platinum Mine once it is in operation. However, in the meantime, it will equip them with the skills to improve their job opportunities in the wider workplace in the mining sector.

This initiative fits into the overall ramping up process of building the Bakubung Platinum Mine. The main objective of this process is not only about meeting the requirements of compliance, it is also about the business imperative. We have identified that there is a need for local people to be trained and developed in order to work at the



Bakubung Platinum Mine

mine. Therefore, we have to take responsibility to look at succession and build a pipeline of skills talent for our mine, while at the same time assisting with career-pathing for young people. This will ensure that there are people who are available to take these future jobs opportunities at the mine at an operational level.

At a strategic level, such initiatives also contributes to meeting the skills development needs of the National Development Plan at a community level.



Batsadi le bana ba sekolo sa Primary sa Vuka, se se kwa Boshoeke, ba ne ba gagabetsa ka boitumelo, ga setlamo sa Bakubung Platinum Mine se neelana ka ditlhako go bana ba dikobo-di-khutswane ba ba tse nang kwa sekolong se. Bontsi ba baithuto fa, ke bana ba badiri ba dipolase tse di kwa Boshoeke, mme go mo pontsheng gore ba tswa kwa magang a a tlhokang tota.

Erile mo ngwageng o o fetileng, ba setlamo sa BPM; go tsamaelana le maitlhamo a setlamo a go thusa le go tsewetsa baagi ba ba mabapi le moepo, ba supa sekolo se jaaka nngwe ya tse di tlhokang thuso. Go ne ga tswa tshwetso ya gore bana ba ba tlhokang thata ba neelwe dikatso tsa ditlhako tsa sekolo. "Go ne go garola pelo go bona bana ba gata ka leoto le sa rwala mo marigeng, ba ya sekolong. Go ne go le matshwanedi gore re le setlamo, re bone ka moo re ka tokafatsang maemo a bana ba", go tshwaetsa jalo motlhankedi wa setlamo Tebogo Matima. "Re ne ra ikopanya le mogokgo wa sekolo mmogo le ba lefapha la thuto mo sedikeng, go rulaganya ka moo thuso e e ka fitlhellang bana ba ka teng". Morago ga dipuisano le ba lefapha le boeteledipele ba sekolo, letsatsi la go neelana ka ditlhako le ne la bewa.

Batlhankedi ba lefapha la Thuto, ba akaretsa Mme P. Mokhutle: District Director, Mme Motsei Paledi: Area Manager, le Rre Schalk van der Merwe: Motlhathlobi wa sedika, ba ne ba le teng. Baeng ba ne gape ba akaretsa Mme Tsholo Makgatla wa sekolo se se mabapi sa Boshoeke Primary, le maloko a SGB a a rolang tiro mo bofelong a setlamo se. Mogokgo wa sekolo Mme Annah Rampete o ne a amogela baeng botlha ka boitumelo, ebile a itsise

Bakubung Platinum Mine eitumedisa bana

By a Ledig Sun Reporter

badira-mmogo ka ene kwa sekolong. "Bana ba rona le bona ba tla bona tshosoleto ya go tla sekolong ba sa tshabe mariga le dipula tse di tlang. Ke itumetse thata ka kemonokeng e re e boneng go tswa go batlhankela ba lefapha, mme re solofetsa go tswella re dira ka thata go tlhabolla sekolo le bana ba. Ke lesego go be ke patilwe ke bomme ba ke dirisanang le bona, mmogo le batsadi ba bangwe ba ba ithaopang go tshwara sekolo se le maemong a le a bonang. Kwa bofelong ke rata go rolela thoro setlamo sa Wesizwe Platinum, ka sesa tshaba go tla kwa go rona re le baithuti le sekolo sa polase", Mme Rampete o tshwaetsa jalo

Fa a neelana ka lefoko mo boemong jwa lefapha, District Director wa lefapha mo sedikeng sa Bojanala Mme Mokhutle, o simolotse ka go tlotlomatsa mogokgo le badira-mmogo ba gagwe mo sekolong sa Vuka. "Kea iponna ka matlho a me gore boiteledipele ba sekolo se bo semeletse go tswa dipheto. Le nna ga ke fitlha kwa pele, ke tlele go nefetsa gore sekolo se se bona kemonokeng e e feletseng go tswa kwa lefapheng. Go utlwa bana ba oplea ka bokgabane jo bo kana goa itumedisa. Dikolo tse dintsi tsa makeishene ga di sa tlhole di tsa karolo mo kopelong ya dikwaere le go ya dikgaisanong, mme ke itumella ga mme a nkitsise gore ngwaga o o tlang ba tlele go tswa dikgaisano tsa mmimo; le teng foo re tlele go neela kemonokeng thata". Mme Mokhutle o konoseditse ka go leboga setlamo sa Wesizwe le Bakubung Platinum Mine ka se ba se diretseng bana, mme a solofetsa gore o tla dirisana mmogo le setlamo mo diprojekeng tse dingwe tse di tlang.

Princess Lesego Monnakgotla, yo o neng a emetse ba segosi sa Bakubung Ba-Ratheo, o rotloeditse bana go ya sekolong, le gore ba itse ga baeteledipele le batho ba ba tumileng ba sa tswa fela kwa metse-setoropong. "Ke batla go bona dingaka le di-engineer di tswa mo gare ga lona, di dira kwa moepong go tsewetsa lefathe la rona". Baeng ba ne ba itumedisiwa ka kopelo le dikoma tsa Setswana, di diragatswa ke baithuti ba ba neng ba itumetse thata!



Ledig community marches against substance abuse

By a Ledig Sun Reporter



Youth Month commemorations in June have in the past three years followed a very successful formula of showcasing sports talent from within the community, as well as remembering the martyrs of 1976 in song, dance, and dramatic presentations. This year, a new dimension was added to the commemorative events by including a march that sought to galvanise the community in the war against criminal gangs, drugs and general substance abuse in the community. It was decided that it was not enough just to remember our martyrs in the artistic way that we do, but also to invoke their spirit to warn today's youth against the abuse of drugs, gangsterism, and the criminality that always accompany these two scourges.

Divine Hope Ministries is a church organisation that was established in 2011 in the Ipopeng (Ledig) community. Other than preaching the Christian gospel, the church is also highly committed to social welfare and views its role as also being that of a catalyst for change. "Our youth are drowning in substance abuse and the resultant criminal activities, which breaks families and sows distrust among neighbours who have known each other and lived together for decades," explained Divine Hope Ministries leader and founder, Apostle Maxwell Simelane. "In commemoration of Youth Month and in honour of the class of '76, we have organised a multi-denominational march through our community to raise awareness against the scourge of substance abuse, crime, and gangs amongst mainly our youth. We believe through direct interaction with abusers and those affected, we can, through prayer, enlist divine intervention in stopping this scourge".

In collaboration with Bakubung Platinum Mine, a decision was taken to incorporate this march into the annual "African Awareness" campaign that wraps up Youth Month commemorations in the community. The other leg of the commemorations was the "Bakgoni Sports tournament", which provided the opportunity for our youth to showcase their considerable talent in sport. This year, the tournament was played out by soccer teams from local primary schools including Mphuphuthu, Bakubung, Ratheo, Bakgofa, Mperere and Tshose Primary. Ruslecity Productions - a Ledig based youth organisation focussing on the arts, was roped in as a partner to rally artists from all genres of music, dance, poetry, and dramatic performances to join in the activities on the day. Activities kicked off with a march by community members, with the climax being a youth dialogue, where a panel of prominent personalities looked to engage with the youth and community at large in a Q&A session that was aimed at finding a formula to curb this scourge.

On an overcast and cold June morning, community members started assembling at the Moses Kotane Hospital pick up point, singing and praying whilst waiting for the leaders from various denominations and members of the Royal Family to lead the march. Also present were SAPS and traffic officials who were on hand to help guide the march through the community. Volunteer marshals were also in place to help conduct traffic and keep marchers to their designated lanes. The march then started in high spirits, with joyful singing and spirited praise singing and poetry from the youth. What stood out as very pleasing was the enthusiasm and dedication to doing the right thing, demonstrated by mainly a young gathering. Placards, posters and pamphlets carrying anti-drugs and anti-criminality messages were held high, and the youth made their voices clearly heard in their abhorrence of drug abuse, particularly nyaope, and those gangsters that were preying on innocent community members, stealing their belongings and selling them to feed their drug habit. The march slowly snaked its way to Divine Hope Ministries tent, picking up other well-wishers along the way and swelling the numbers as it went along.

A marimba band was on stand-by to welcome the marchers as they arrived, and the gathered youth quickly warmed up to the band's music, dancing and singing along! Hector the MC had the audience in stitches as he joked about how drug addicts were behaving, but also highlighting the fact that the community should not just laugh at them or ignore and hate them, but should take an active stance in advising them to seek help

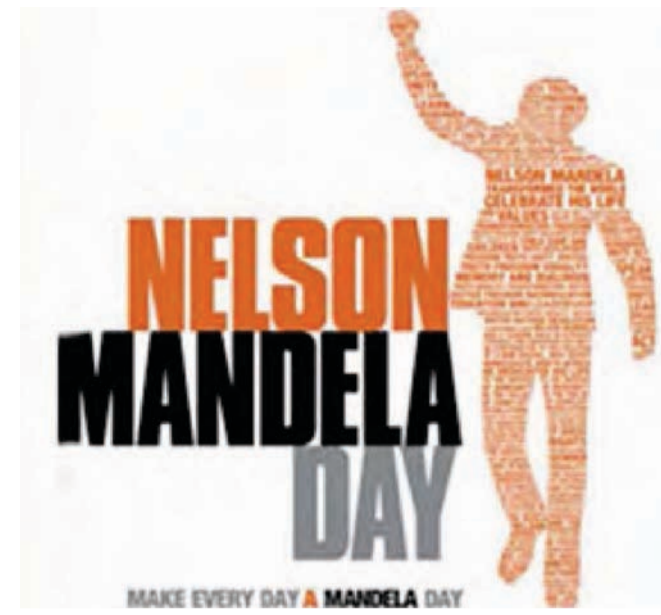
and get rehabilitated. "This problem doesn't choose between rich or poor, and it doesn't care what denomination you belong to. We pray to one God, and we are here to jointly ask our God to give us strength as we try to rid our youth of their dependence," said the MC. Apostle Simelane then read from the scriptures, adopting Jeremiah's prayer for Jerusalem as a prayer for Ledig. "We say the universal God that all denominations pray to, is the God of all downtrodden communities, including our own here in Ledig. The glory that Jeremiah sought for old Jerusalem is exactly what we today pray to God to bestow on Ledig." He was joined on the podium by reverends and pastors from all churches present, and they each delivered moving prayers of hope against despair and desolation. Jehoshaphat band, the church's local band, provided moving songs of praise in the interlude.

Various speakers from the local religious organisations and churches delivered moving speeches, asking for the Ledig community to be given strength to stand up and not just sweep the activities of criminal gangs and drug traffickers under the carpet. A moving speech was also delivered by a member of the

Traditional Authority (Dikgoro), asking for cooperation among the people of Ledig to bring stability and thus sound administration to the community. "We the Traditional Authority and Royal Family exist because you allow us to. Please let's stop those that seek to divide us and make this community ungovernable. We can win this war if we commit ourselves, and hold hands in taking this battle forward".

Performances by artists such as Toro traditional dance group, rap artists Ruslecity, D.K.K.P, Tsoga re Totobe, and others, had the audience asking for more. Various community members rendered moving testimonials on how drug addicts had ruined their families and turned neighbours into enemies. The day ended on a high note, with youth committing themselves to raising the bar in fighting the twin scourges of drug and alcohol abuse, as well as curbing the rise of gangsters. Moses Kotane Hospital health professionals also offered free testing for HIV, blood pressure, sugar levels, and also provided family planning advice to the gathered. Despite the cold, everyone present agreed that it was indeed a great day!





Make Positive Change Happen this Nelson Mandela Month - July 2015

In the month of July, South Africa celebrates former president Nelson Mandela's birthday. 18 July has been declared the official Nelson Mandela International Day, but as South Africans, we

embrace the chance to celebrate Nelson Mandela's life for the whole of July. This gives everyone the opportunity to heed the call to action for people to recognise their individual power to make an imprint and change the world around them.

Nelson Mandela saw himself first and foremost as a servant of South Africa's people to whom he owed a duty and to whom he led by example. Madiba passed on the torch of public service to everyone, saying: "It's in your hands to make a difference." Positive change for the better was the gift left to all of us by him – it's a living legacy and now it's the turn of every South African citizen to play their part.

In the spirit of Madiba and his vision to spread social justice and freedom for all, this is your chance to become a part of a continuous global movement for good. Let us all become the changemakers he looked to inspire. By becoming a Mandela Day changemaker and doing something that affects positive change every day, you can show that actions speak louder than words. By giving a little of your time to make a change that's close to your heart or by giving a little of your time to make a difference to the life of someone else, you can start changing the world around you.

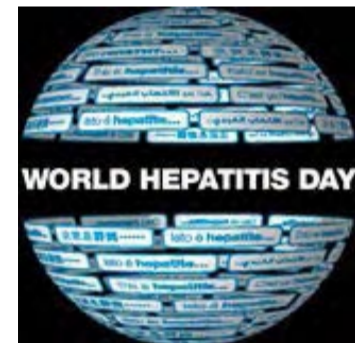
There are so many ways to make a difference on Mandela Day. Start with what you are

passionate about and where you know your actions will have a lasting impact.

So, what can you do for Mandela Month to make a difference and make positive change happen? Here are some ideas on how you can contribute:

- Contact your local HIV organisation and find out how you can help.
- Help out at your local hospice.
- Many terminally ill people have no friends or family who can visit them. Take a little time to have a chat and find out what they need.
- Donate toys to the children's ward at your local hospital.
- Tutor kids in a school subject you are good at.
- Donate your old computer to a school.
- Donate books to a school.
- Entertain older members of the community
- Organise a sports event with young people
- Help someone to read
- Help paint or repair a building in your community
- Start a small food garden for your local school or old people's home
- Pick up litter around your community
- Start a recycling project
- Donate books to a school.
- Volunteer at a local community project

Find more areas where you can volunteer your services on the Nelson Mandela Day website www.mandeladay.com



World Hepatitis Day 2015 Calls South African Citizens to 'Think Again' - 28 July 2015

World Hepatitis Day is marked to increase the awareness and understanding of viral hepatitis and the diseases that it causes. It provides an opportunity to focus on specific actions such as:

- strengthening prevention, screening and control of viral hepatitis and its related diseases
- increasing hepatitis B vaccine coverage and integration into national immunisation programmes
- coordinating a global response to hepatitis.

Hepatitis viruses A, B, C, D and E can cause acute and chronic infection and inflammation of the liver leading to cirrhosis and liver cancer. These viruses constitute a major global health risk with around 350 million people being chronically infected with hepatitis B and around 170 million people being chronically infected with hepatitis C. It kills around 1.4 million people every year.

This year, the World Hepatitis Day campaign calls on all South African citizens to 'Think Again' about this silent killer, and increase their awareness and understanding of viral hepatitis and the diseases that it causes.

Facts About Hepatitis A

- Hepatitis A is a viral liver disease that can cause mild to severe illness.
- Globally, there are an estimated 1.4 million cases of hepatitis A every year.
- The hepatitis A virus is transmitted through ingestion of contaminated food and water, or through direct contact with an infectious person.
- Hepatitis A is associated with a lack of safe water and

poor sanitation.

- Epidemics can be explosive and cause significant economic losses.
- Improved sanitation and the hepatitis A vaccine are the most effective ways to combat the disease.

Facts about Hepatitis B

- Hepatitis B is a viral infection that attacks the liver and can cause both acute and chronic disease.
- The virus is transmitted through contact with the blood or other body fluids of an infected person.
- An estimated 240 million people are chronically infected with hepatitis B (defined as hepatitis B surface antigen positive for at least 6 months).
- Approximately 780 000 persons die each year from hepatitis B infection -- 650 000 from cirrhosis and liver cancer due to chronic hepatitis B infection and another 130 000 from acute hepatitis B.
- Hepatitis B is an important occupational hazard for health workers.
- However, it can be prevented by currently available safe and effective vaccine.

Facts about Hepatitis C

- Hepatitis C is a liver disease caused by the hepatitis C virus: the virus can cause both acute and chronic hepatitis infection, ranging in severity from a mild illness lasting a few weeks to a serious, lifelong illness.
- The hepatitis C virus is a bloodborne virus and the most common modes of infection are through unsafe injection practices; inadequate sterilization of medical equipment in some health-care settings; and unscreened blood and blood products.

- 130–150 million people globally have chronic hepatitis C infection.
- A significant number of those who are chronically infected will develop liver cirrhosis or liver cancer.
- 350 000 to 500 000 people die each year from hepatitis C-related liver diseases.
- Antiviral medicines can cure hepatitis C infection, but access to diagnosis and treatment is low.
- Antiviral treatment is successful in 50–90% of persons treated, depending on the treatment used, and has also been shown to reduce the development of liver cancer and cirrhosis.
- There is currently no vaccine for hepatitis C, however research in this area is ongoing.

Facts about Hepatitis E

- Every year there are an estimated 20 million hepatitis E infections, over 3 million acute cases of hepatitis E, and 56 600 hepatitis E-related deaths.
- Hepatitis E is usually self-limiting but may develop into fulminant hepatitis (acute liver failure).
- The hepatitis E virus is transmitted via the faecal-oral route, principally via contaminated water.
- Hepatitis E is found worldwide, but the prevalence is highest in East and South Asia.
- China has produced and licensed the first vaccine to prevent hepatitis E virus infection, although it is not yet available globally.

So remember, this World Hepatitis Day, think again, and live a healthy life that equips you to fight this silent killer.



Everyone in South Africa must play their part in combatting climate change

Climate change could increase the prices of major crops in some regions. For the most vulnerable people, lower agricultural output would also mean lower income. Under these conditions, the poorest people — who already use most of their income on food — would have to sacrifice additional income to meet their nutritional requirements. In areas where people already struggle to access food, climate change is likely to create a vicious cycle of disease and hunger. Access to different types of food, along with ability to implement the proper health practices (almost impossible in a natural disaster) will have a detrimental impact on people's nutrition, meaning they are less able to fight off illness.

So what is the solution? The fact is that every citizen, no matter what their personal circumstances, has a responsibility to reduce their individual carbon footprint. This is not just a 'nice to have action' to be taken on one designated day of the year only - instead, it is a lifestyle decision that needs to be taken and implemented daily if each and every one of us is to reduce our climate impact. Ironically, only around 40% of the average citizen's carbon footprint is due to their direct energy use - the other 60% is indirect; it comes from everything we buy and use. If we start by paying greater attention to our consumption of goods and services, and also eradicate our devastating waste habits, there are lots of opportunities to conserve.

We have all undoubtedly heard the phrase 'Reduce. Reuse. Recycle,' but the time is now to actually heed these words and start making a difference in our own lives - our actions will directly benefit the lives of others, and importantly, the life of our planet. There are some practical ways we can start. For example, making different purchasing decisions. If possible, buy locally made products - this will not only support local business which is good for our local community economies, but it also means that the devastating impact of transporting these products to market can be reduced. By eating less meat, and choosing poultry over beef for example, it is possible to reduce the amount of CO2 created by the production of these animals for food, because poultry is less greenhouse gas intensive than beef. We also need to stop wasting food, as the environmental footprint of dealing with food that has been thrown away is criminal. Food that ends up in landfill sites produces dangerous methane, as well as carbon emissions from transporting that wasted food.

In the workplace and at home, those of us who use computers can also make a difference to our environmental impact footprint by simply managing our computer power

environment better. We should shut down and switch off our computers and other equipment when not in use; we should consider using PC energy saving technology; we should send files electronically instead of printing out our documents on paper; and we should conserve energy in the workplace, switching off lights and heating/air conditioning systems when not needed.

We can also make a huge difference to the environment by making more responsible travel choices each day, thereby reducing our personal carbon footprint. Interestingly, so many of our carbon emissions in our travel space come from just being inefficient or not deliberately thinking about the negative impact of our daily decisions. Just by altering the way that we drive our cars each day can make a huge difference to the environment and our own personal contribution to the amount of CO2 created.

It is not just in our cars that we can make different lifestyle choices that are more environmentally friendly. We can reduce the carbon footprint of our homes by making lower impact decisions with our heating, lighting and water use. By using Compact Fluorescent Light bulbs (CFLs) instead of regular incandescent ones, we can reduce our lighting energy consumption by two thirds. By conserving the water we use in the home, and by insulating our homes to keep them cool in summer and warm in winter, we will reduce the need to use additional, energy guzzling heating or cooling systems which have a huge negative environmental footprint. These are not big lifestyle adjustments to make in our everyday lives, but the positive impact on the environment is substantial if we each take the decision to change and become more responsible in the choices we make.

Perhaps the most impactful change we can make in our lives when it comes to addressing climate change and taking responsibility for our contribution to its exacerbation or its solution, is to face up to the reality of how climate change is devastating the lives of the poor and the vulnerable. They need all the help we can give them to face this new climate change reality. Each of us as responsible and caring citizens need to take greater responsibility for our actions; we need to change our attitudes to how our actions are impacting the lives of the poor and most vulnerable; and we need to do something about it. On Global Climate Change Day this weekend, and on Mandela Day on July 18th, don't sit back and watch our beautiful planet and its people suffer whilst we procrastinate - do something to make a difference, not just for one day, but for life.



MEC Madoda Sambatha - Public Works and Roads

Bokone Bophirima keeps shining!

By Zanele Sithole

No matter about the number of negative stories in the media about the North West Province, it still remains on top, said the MEC for Public Works and Roads, MEC Madoda Sambatha. He was speaking at the launch of the first Maize Tournament Challenge in Delareyville near Lichtenburg.

The MEC pointed out that staging the first ever tournament in Bokone Bophirima was not really a challenge, as the Province has hosted other much bigger and similarly prestigious events such as the Cosafa Cup held in Moruleng in June. In July of this year, the Province will see the first games being held as part of the prestigious Maize Tournament Challenge, also in Moruleng. The MEC also reminded the community that one of the many other things that the people

of Bokone Bophirima need to be proud of is the excellent service delivery in education, health agriculture and tourism departments.

"This province may not be taken seriously in many things, but we do have departments which excel. The North West remains the number consistent position holder in education. If we are not number two, we are on number one. That shows the commitment the government has to improving young minds through education," said the MEC.

"We also take pride in the fact that we are among the number one top maize producers in the country, meaning that agriculture is ours," added MEC Madoda.

But nothing is a much greater source of pride than the thought of receiving an international tourism award, such as the one that was given to the Province in June this year. The North West Province is the only Province in the country with a Tourism Department as a stand-alone entity. Topping the already crowded list is the sufficient delivery of services by the health department in the Province. The North West is ranked first in all the nine provinces in the field of health services provision.



Various Karate groups gathered at Sun City Sports and Social Club for a June 16th Training Special. The aim of the gathering was to share knowledge and experience, train new stars in the making, and also to teach young karate students that all races can live together in harmony. At a practical level, the event also aimed to get the various Karate groups ready for the National Karate Tournament scheduled to be held in Kimberly next August.

The event attracted a number of Karate groups including the KKGKK and the Kyokushin Karate groups. Each of the two groups represented the different styles and approaches to the sport, such as semi contact, part contact, and full contact.

IKO President, Tshepo Maaga, said that June 16th is a very important day for the younger generation. He said that it was essential that they know and understand how to live and work together as different races.

children that many people died on June 16th, and as a result, they should not discriminate. Also we are trying to show the students that there is more to Karate than the training, that's why the various groups are present, and we hope they will learn from each other.

Goju Rui Karate Chief Instructor, Morne Slabbert, also agrees that getting all groups involved will help growth by learning from each other.

"The meeting of these various groups is what I call "Brotherhood", this is a way of each of us learning from each other, because no style

Special Karate Training to celebrate June 16!

By Zanele Sithole

"The aim is to ensure that students are sensitised to multi-race environments in the sport of karate, and that we don't allow xenophobic or discriminatory actions in whatever way. We are using Karate to show the young

is better than the other one. From the training, we want the students to take away what they came for. Whether it is for fitness, protection, strength or to be able to enter tournament competitions, said Morne. Morne added that it is not only styles of Karate that are learned from special training sessions such as this one, but also from the gathering of information and accessing of knowledge as well.



Mperebere ke Ditshimega tsa kgaisano!...

By a Ledig Sun Reporter

Erile maloba, Bakubung Platinum Mine mmogo le Ledig Principals Association, ba kopanya ditlhogo go baakanyetsa go tshwara kgaisano ya kgwele ya dinao. Go ne ga swetswa gore mo ketekong ya kgwedi ya bashwa (Seetebosigo) e e akaratseng segopotso sa ditaragalo tsa 16 June 1976, bana ba dikolo tse di potlana ba filwe tshono ya go itshupa. Go ne ga lalediwa dikolo tse dipotlana go tswa mo metseng wa Ledig, Phatsima, Mahobieskraal, le sekolo sa Vuka go tswa Boshoe go tsenela kgaisano ya ngwaga le ngwaga ya mantshano e e itsegeng ka Bakgoni Sports Tournament. Kwedi e e tlhola malatsi a le 19, kgaisano e ne ya thankgollwa ke dikolo di le thataro kwa mabaleng a sekolo sa Bakgofa. Go ne ga tsewa tshwetso ya gore makgaola-kgang a tshamekiwe ka letsatsi la di- 27, le ka lona go tlaabo go tshwere mogwanto wa baagi, o neng o rulagantswe ke Divine Ministries Church mo boemong jwa dikereke mo motseng, Bakubung Platinum Mine, mmogo le setheo sa baswa se se bidiwang Ruslecity Production.

Letsatsi la makgaola kgang le fithlile gole tsididi mo motseng – maruru a ba biro ya bosa ba begileng gore a ne a aparetse naga ka bophara. Basimanyana bona ba ne ba itlola matlere, ba lebeletse go ipona ba tsena mo lebaleng, ba ntsha bokgoni jwa bona mo mpaananeng. Ditlhopa di le tharo- Tshose, Mphuphute le Mpebere, di ne tsa tshameka motshameko e le mebedi setlhopa, mme ba ba boneng di-point tse dintsi e le bone bafenyi: maemo a bobedi le a boraro a latelane jalo. Ditlhopa tse di emetseng Tshose le Mphuphute di ne tsa thangkgolla kgaisano, mme basimanya ba ngangana go fitlha phala ya bofelo! Erile moletsa-phala a e kgathinya gararo go kaa bofelo jwa motshameko, ke fa sekolo sa Tshose se ithlomile kwa pele ka nno e le nngwe go lefela. Motshameko o o latelang o bone Mphuphute e tsaana le Mpebere, mme le mo go one motshameko o, Mphuphute ya latlhelgwa ka nno e le nngwe kgatlanong le di le pedi tsa Mpebere. Motshameko wa bofelo e nnile magareng ga Tshose le Mpebere. Basimanyana ba ne ba ntshitse ga tshwene, go sena setlhopa se se batlang go nosiwa. E ne ya re mo karolong ya bobedi ya motshameko, basimane ba Mpebere ba supa bokgoni ba bona ka go nosa nno ya ntlha ya motshameko. Balatedi ba Mpebere ba ne ba rotloetsa basimane go gatella go leka go nosa ya bobedi, mme Tshose e ne e tsepame mo tshireletsong. E

rile moletsa-phala a fedisa motshameko, Mpebere ya nna bafenyi ba motshameko ka nno e le ngwe go lefela la Tshose. Phenyo e ne ya baya Mpebere mo maemong a ntlha, ka jalo ya naa bona bafenyi ba kgaisano. Balatetswe ke Tshose, mme Mphuphute ya tsa maemo a boraro.

Dithlopa tsothle di ne tsa neelwa ka di-medal go ya ka maemo a tsona: bronze ya tsewa ke Mphuphute, silver ya ya go Tshose, fa bafenyi Mpebere ba tse medal tsa gauta le soccer-kit e ntshwa! Dithlopa tsothle di ne gape tsa neelwa ka di-trophy go ya ka maemo a tsona, mmogo le kgwele e e tla ba thusang ka ikatiso.

Mokatisi wa setlhopa sa sekolo sa Mpebere, O ne a itumetse thata ka phenyo e. "Basimane ba ntse ba tshameka



ka dikipa tse di adimilweng, mme re itumetse thata ga re gapile tse e leng tsa rona ka sebele! Re solofela basimane ba tla tiya mooko, ba tswelle go tshameka kgwele ya dinao le go itshupa ka talente e ba e filweng." Ga a neela ka di-medal le di-trophy, motlhankela wa tlhaeletsano le kgokagano wa Wesizwe mo sedikeng, Rre Tebogo Matima, o ne a leboga barutisi le bana ka thologello ya bona, le fa maemo a bosa a le tsididi.

O rotloetditse baswa go se lebele bagaka ba neetseng mowa ka 1976, gonne e le kgaratlho le boinelo jwa bona di re beileng fa gompieno. Letsatsi le fedile ka boitumelo, mme bana ba phatlhalla go ya gae morago ga go iphsina ka tse di monate.



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PUBLIC PARTICIPATION PROCESS

NOTICE OF APPLICATION FOR ENVIRONMENTAL AUTHORISATION, ENVIRONMENTAL MANAGEMENT PROGRAMME AMENDMENT, WATER USE LICENCE & WASTE MANAGEMENT LICENCE FOR THE CHANGES TO INFRASTRUCTURE AT BAKUBUNG PLATINUM MINE, LEDIG, NORTH WEST

Wesizwe Platinum Limited is the owner of Bakubung Platinum Mine, currently shaft sinking on the farm Frischgewaagd 96JQ (Portions 3, 4 and 11). The mine is located near Ledig, south of the Pilanesburg Game Reserve and Sun City, North West Province. Two reefs are mined for platinum, palladium, rhodium and gold, with copper and nickel as by-products.

The Bakubung Platinum Mine received Environmental Authorisation in 2009, in terms of both the National Environmental Management Act (Act 107 of 1998) (NEMA) & Mineral and Petroleum Resources Development Act (Act 28 of 2002) (MPRDA). The mine's Water Use Licence (WUL) was issued in 2010 in terms of the National Water Act 36 of 1998 (NWA).

Wesizwe would like to make several changes to infrastructure at the approved mine which require an additional Environmental Authorisation, Waste Management Licence (WML) & WUL amendment. The proposed project will likely involve the following changes to the approved mine, some of which require Environmental Authorisation: larger tailings dam & tailings pipeline; increased capacity of concentrator plant & product stockpiles; relocation of ore crusher from underground to surface; inclusion of minerals in waste rock into the mining licence; erosion control; storage & handling of dangerous goods; sewage & water pipelines; internal roads; pipeline & road bridge crossings over watercourses; ventilation shafts & raise boreholes; back-up generators or potential solar power plant; construction of phase 1a of mine housing.

Water uses which require an amendment to the Bakubung Platinum Mine's WUL include: dewatering mine shafts; water reservoirs; watercourse crossings & bridge; erosion control; tailings dam; return water dams; storm water dams; waste rock dumps; sewage treatment plant; ore stockpiles; pollution control dams; dust suppression with water & increased capacity of settling dams.

Waste activities which require a WML include: tailings dam; waste rock dumps & salvage yard.

Notice is hereby given in terms of the legislation listed below, of the various environmental approvals required prior to changes to the approved Bakubung Platinum Mine. The preliminary lists of likely listed activities are included below:
NEMA - GNR 983: activity 2, 9, 10, 12, 14, 19, 25, 27, 28. GNR 984: activity 2, 4, 6, 15, 17, 21, 25. GNR 985: activity 4, 10, 12. National Environmental Management: Waste Act (59 of 2008) - GN 921 Category B 7. NWA - Water uses in section 21 a, b, c, g, h, i, j. MPRDA - Section 102 amendment.

SLR Consulting (Africa) (Pty) Ltd has been appointed as the independent environmental practitioner responsible for undertaking the necessary environmental work and conducting the public participation process for the project. These applications will be supported by a full Environmental Impact Assessment Process in terms of the Environmental Impact Assessment Regulations (GNR982).

Public Open Days will be held for this project. If you would like to receive details of the Open Days, find out more information, register as an interested & affected party, or raise issues & concerns contact: **Chiara Kotze or Shelley Seton-Rogers.**

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Sparrow FET College in Sophiatown Johannesburg is currently assessing for the below funded programs
Contact our admissions on **011 673 4410**
admissions@sparrowschools.co.za for more information.

PROGRAMS AVAILABLE IN 2015:
FULL QUALIFICATIONS (12 month Programs):
• Automotive Repair & Maintenance @ NQF 2
• Furniture Making: Wood @ NQF 2
• End User Computing @ NQF 3
• Installation of Floor Coverings @ NQF 1
• Professional Cookery @ NQF 4 (Awaiting accreditation)
• Welding Application & Practice @ NQF 2

SKILLS PROGRAMS (6 Month Programs):
• Assistant Chef @ NQF 2
• Fluid Power Hose Assembly @ NQF 3

Program Delivery & Duration:
All full qualifications comprise of comprehensive practical and theoretical training and include 6 months of college-based training followed by 6 months of intensive workplace-based experiential training. Full qualifications can also be offered as formal learnership programs. Skills programs are fast-paced, focused programs that provide 3 months of college-based training followed by 3 months of workplace-based experiential training. All workplace-based training is offered in collaboration with SETA approved 'Workplace Experience Providers'.

Admission Fees:
Assessment Fee R100 (non-refundable)
Registration upon acceptance R400



Umalusi-Reg No: FET 00656 PA.
DHET -Reg No: 2011/FE07/23.
DHET - Exam No. 899994480.

Register for Nov/Dec 2015 Exams!!!
NATED CERTIFICATES & DIPLOMA
• N1 - N3: (R3000:00 Special!!!!)
• N4 - N6 Engineering Studies • N4 - N6 Business Studies
• Business & Engineering Diploma

ARTISAN TRADE - TEST PREPARATION
AutoCAD Design & Drafting; Industrial Automation (CNC, PLC); Air-condition & Refrigeration; Automotive Engineering (Diesel & Petrol Mechanic, Panelbeating & Spray Painting); Civil Engineering (Bricklaying, Carpentry & Plumbing) Electrical Engineering (Electricians, Electronic, Telecom & Instrumentation); Mechanical Engineering (Boilermakers, Fitter & Turners); Welding Skills Application (ARC, MIG (Co2 Gas), TIG (Argon Gas), OXY - Fuel Welding & Cutting Torch.

Weekdays After hours Classes:
Monday - Friday: 6:00pm - 8:00pm
Weekend Classes:
Saturday: 08:00am - 2:30pm
Sunday: 08:00am - 12pm

Wavelength Educational Campus:
Address: 130 Fox Street, 2nd Floor, (Near Carlton Centre) Johannesburg.
Phone: 011 331 6087/011 331 5834
Phone: 011 334 0697/011 334 0696
www.wtti.co.za

MAMONGI GROUP (PTY) LTD

Notice in respect of a licence application in terms of the petroleum Products Act, 1977 (Act N o 120 of 1977)

This notice serves to inform parties that may be interested or affected that **MAMONGI PTY LTD** Hereinafter referred to as 'the applicant', has submitted an application for a **WHOLESALE** licence, Application number **D/2015/01/28/0003**

ADDRESS: 4427 MAKATSI STREET, SECTION M, MAMELODI WEST, PRETORIA
DETAILS: The purpose of the application is to be granted a licence to undertake petroleum wholesale activities as detailed in the application. Arrangements for viewing the application documentation can be made by contacting the Controller of Petroleum Products by:

* Telephone: (012) 406 7788
* Fax: 012 341 4228
* E-mail: petroleum.controller@energy.gov.za

Any objections to the issuing of a licence in respect of this application, which **must clearly quote the application number** above, must be lodged with the Controller of Petroleum Products within period of twenty (20) working days from the date of publication of this notice. Such objections must be lodged at the following physical or postal address:

ADDRESS:
Physical address:
The Controller of Petroleum Products
Department of Energy
192 Visagie Street
Pretoria, 0001

Postal address:
The Department of Petroleum Products
Department of Energy
Private Bag X96
Arcadia, 0001