

Annexure C – Application Form Submitted





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 or licences at 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 number 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	
NEMA BAR application on its own	R 2 000.00	
NEMWA S&EIR application on its own	R10 000.00	
NEMWA BAR application on its own	R 2 000.00	
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	X
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	

1. CONSULTATION BASIC ASSESSMENT AND/ OR SCOPING REPORT

This application for Environmental Authorisation has been compiled in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and the Environmental Impact Assessment Regulations (2014) GNR. 982 dated 04 December 2014, as amended, the List of Waste Management Activities (GN.R 921 dated 29 November 2013), in terms of Section 19 of the National Environmental Management Waste Act (Act 59 of 2008) (NEM:WA) and the requirements of the Mineral Resources and Petroleum Act, 2002 (Act 28 of 2002) ("MPRDA").

Upon the acceptance of the application and upon receiving the reference number, the Draft Scoping Report will be made available for public comment for a period of thirty (30) days. The Scoping Report will then be finalised to include comments received during the Public Participation Process and thereafter submitted to the Department of Mineral Petroleum and Resources ("DMPR"). Refer also to Section 6 below for further information regarding the Public Participation Process.

2. DETAILS OF THE APPLICANT

Project applicant:	Southern Sphere Platinum Proprietary Limited		
Registration no (if any):	1970/014926/07		
Trading name (if any):	Southern Sphere Platinum Proprietary Limited		
Responsible Person,	Stephen Ward (CEO)		
Contact person:	Stephen Ward		
Physical address:	Southern Sphere at One-on-Ninth, 23 Ninth Street, Melrose Estate, Johannesburg, 2196		
Postal address:	11 Eleventh Avenue, Melrose Estate, Johannesburg		
Postal code:	2196	Cell:	083 451 9585
Telephone:	NA	Fax:	NA
E-mail:	stephenw@southernsphere.co.za		

3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Shangoni Management Services Proprietary Limited		
Professional affiliation/registration:	Professional Natural Scientist: Conservation Science and Registered EAP		
Contact person (if different from EAP):	Lee-Anne Fellowes		
Company:	Shangoni Management Services Proprietary Limited.		
Physical address:	Block C8, Block@Nature, 472 Botterklapper Ave, The Willows, 0081		
Postal address:	P.O. Box 74726, Lynwood Ridge		
Postal code:	0040	Cell:	082 456 3208
Telephone:	(012) 807 7036	Fax:	(012) 807 1014
E-mail:	leeanne@shangoni.co.za		

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

Introduction

Southern Sphere Platinum Proprietary Limited (Registration No. 1970/014926/07) ("Southern Sphere") intends to progress with a mine called the Steelpoort Project ("Steelpoort Project"), located approximately 7km south of Steelpoort town in Limpopo Province.

The main elements of the project consists of three opencast pit areas, from which underground mining extensions will occur, related mining infrastructure, a PGM and chromite processing plant, a tailings storage facility and a renewable solar power facility and associated energy infrastructure.

Section 102 application to the Mining Right:

Southern Sphere are the holders of mining right **LP 10190 MR** which provides for the mining of "all minerals excluding chrome" covering the farm Grootboom 336KT, located in Fetakgomo Tubatse Local Municipality which forms part of the Sekhukhune District Municipality in Limpopo Province. A section 102 application has been lodged to:

1. Amend and vary mining right LP30/5/1/2/2/10190 MR by:
 - Including the whole of the farm Annex Grootboom 335KT in respect of:
 - Chromite in the UG1, UG2 including any sub facies thereof, including leader seams and split seams and associated upper group layers on Annex Grootboom 335 KT (but excludes the chromite in the MG and LG layers which remain with Samancor Chrome).
 - Platinum, palladium, rhodium, iridium, ruthenium, osmium, gold, silver, cobalt, nickel ore and copper ore over the entire Annex Grootboom 335 KT including in the MG and LG layers
 - Pyroxenite, gabbro and norite, except for these three minerals which may be found in the MG and LG seams over the entire Annex Grootboom 335 KT.
 - Note:** Samancor shall, continue to retain the right to chromite, pyroxenite, gabbro and norite found directly within the MG and LG layers..
 - Including a 14.5585 hectares portion of portion 28 Spitskop 333 KT in respect to platinum, palladium, rhodium, iridium, ruthenium, osmium, gold, silver, cobalt, nickel, copper, pyroxenite, anorthosite, gabbro, norite and chromite.
 - Including an area measuring 184.9486 hectares over portions 1 and a portion of portion 2 and 3 of Spitskop 333 KT in respect of pyroxenite, anorthosite, gabbro and norite.
2. Amend the Mine Works Programme (MWP) to provide for both opencast and underground mining methods. Whereas the current MWP is for underground operations.
3. Amend the Environmental Authorisation (EA) to authorise both opencast (x3 main areas) and underground mining, to reflect the revised locations of the processing plant, TSF, site offices, laydown areas, the mine's power supply infrastructure including; the substations, switching stations, powerlines, battery storage facility, and solar plant(s), and generally to authorise all other ancillary and supporting infrastructure necessary for the implementation and operation of the amended mining activities.

Figure 1 below provides a visual indication of:

- The original mining right area (area to the north of the blue line highlighted by "Original LP 10190 MR")
- The expanded mining right area (shown in red) which includes the adjacent farm, Annex Grootboom 335KT, a slither of portion 28, portion 1 and a portion of portions 2 and 3 of Spitskop 333 KT

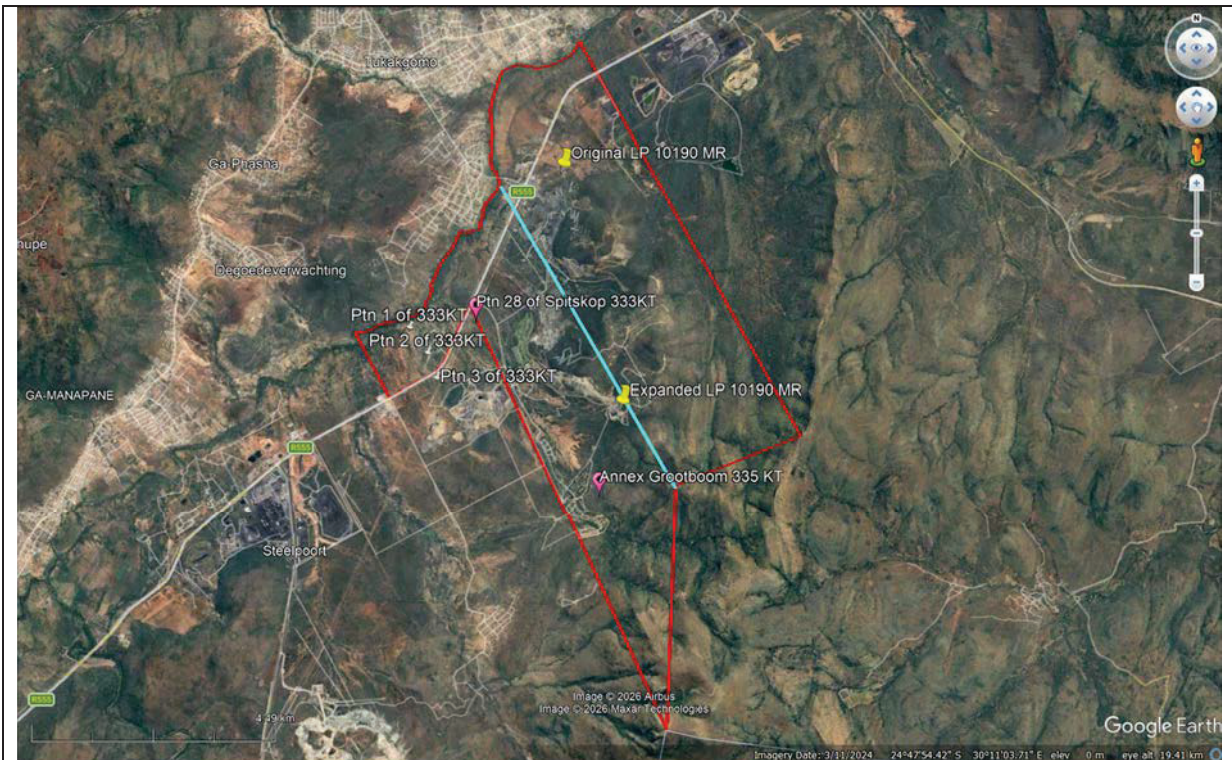


Figure 1: Visual indication of the area subject to the Section 102 application

Environmental Application:

The scope of this environmental authorisation application covers the proposed mining activities to be undertaken on the farms Grootboom 336KT, Annex Grootboom 335KT, the slither of portion 28 of Spitskop 333KT and portions of portions 1,2 and 3 the farm Spitskop 333KT which could be mined for pyroxenite, anorthosite, gabbro and norite and be used for subsidiary activities (i.e. mining offices, overburden or topsoil dumps, a pollution control dam, laydown areas and a renewable project).

The environmental application specifically **excludes** 2 declines portals located on the farm Spitskop 333 KT and the Tubatse village which is contained within Steelport Extensions 1 and 2.

Figure 2 provides a visual indication of the extent of the area covered by this environmental authorisation application (in green), of which ~ 1000 hectares of the area could be used for surface activities associated with the Southern Sphere Steelport project, and, excluded areas are highlighted in red.

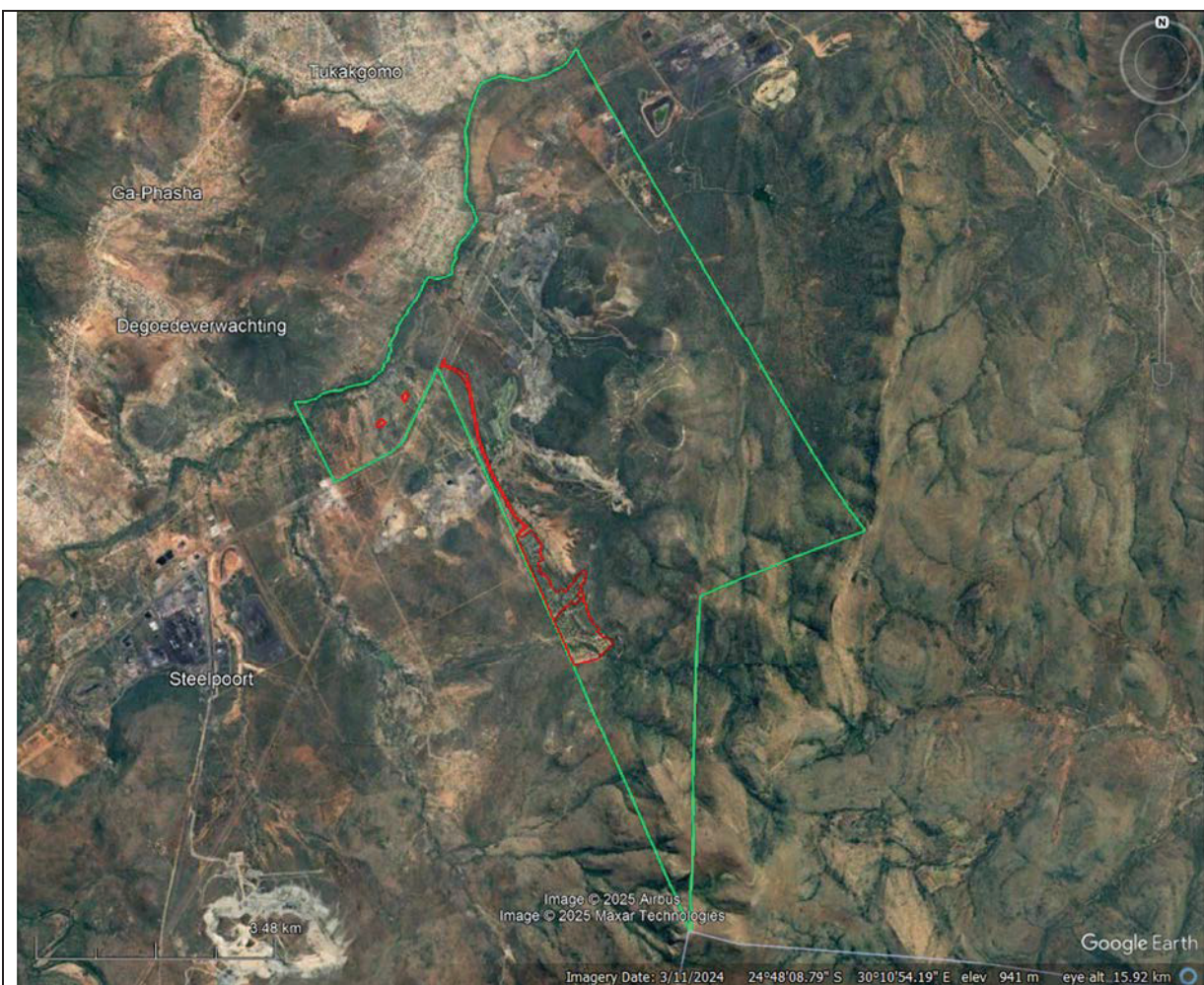


Figure 2: Scope of the Environmental Authorisation application area covering the surface activities

As the MWP and EA are both living documents which can be amended from time to time, **future** environmental authorisations shall be sought, as and when required to authorise possible future activities of the Steelpoort Project, such as:

- If additional surface areas need to be disturbed (and if they trigger a listed activity) for the facilitation of future underground operations. Examples could be the development of a new decline within an area which is not disturbed by existing mining activities.

High level description of the activities covered by this application

The current project consists of three opencast pits (Sunbird pit, Kingfisher pit & Sugarbird pit), mining multiple reefs rich in PGM and chromite.

Each pit will be developed by stripping and stockpiling topsoil (where available) followed by free dig of soft overburden and then drilling and blasting activities of hard overburden to access and extract mineral bearing reefs, from surface outcrops to a maximum depth (in the Kingfisher pit) of up to 110m below current surface. The mining waste (overburden) generated to expose the reefs will be used both as backfill into mined out areas and / or be deposited in above ground overburden dumps. Where possible, overburden will be used for internal construction and operational purposes and/or sold to external third parties.

Sections of each pit will be left partially open (i.e. not completely backfilled) to allow for future underground extensions, once opencast mining is established.

Additional ore bearing resources will be sourced from, accepting ore from Samancor mining activities (Hoopoe) the reprocessing of existing Samancor tailings (Loerie) and existing discard dumps (Wagtail) to recover the remaining minerals contained therein. The activities used to access these minerals will involve either hydro mining or mining with trucks, shovels and front-end loaders.

All ore will be processed through a centralised PGM and chromite processing plant with the waste (tailings) being dewatered and transferred to a dry stack tailings storage facility ("DSTSF") at a maximum rate of 55 000 tonnes per month ("tpm") and / or co-mingled and internalised into the overburden dumps.

Up to 80 000 tonnes per month of run of mine ("ROM") and 40 000 tonnes of tails or discard dump material will be mined and delivered to a new processing plant which will have the ability to produce a saleable PGM, gold, nickel and copper concentrate and a saleable chromite concentrate. The PGM concentrate will be sold to an existing smelter for further refining while Samancor will have the first right to purchase the chromite concentrate.

Waste rock could be subject to crushing via a mobile crusher with the aggregate product used either internally for construction and maintenance requirements or sold locally.

The project will require typical services and infrastructure to support the mining operations of this nature.

To promote responsible resilient mining and to reduce the carbon footprint associated with the project, various areas within the project footprint has been identified for the establishment of a renewable energy project (solar photovoltaic facility) to support the power needs.

Once all environmental, other legal, financing, shareholder and board approvals have been obtained, the construction phase of the project will commence.

Key construction activities will include:

- Demarcating key project footprint areas (with either fences or berms).
- Establishing required intersections and access roads to the various project areas.
- Installation of initial infrastructure within the plant footprint and hard park and mining stockpile areas.
- Establishing electrical and water connection to plant area and constructing the package sewage plant.
- Development of initial storm water management requirements.
- Preparing the approved TSF footprint.
- Construction of the Chromite and PGM recovery plant.
- Construction of the renewable project, substation and powerlines.
- Construction of offices, conveyors, PCD's and laydown areas for the development of the open cast mining areas.
- Preparing road diversions.
- Conducting pre-stripping activities.

A high-level description of operational sub-projects include:

Renewable project:

A preferred area of around 35 hectares has been set aside at the southern extent of the project footprint to accommodate the installation of a solar photovoltaic ("PV") facility ("solar PV plant") and associated infrastructure. If the preferred area is not viable, or, if additional renewable power needs are required for the project, a further 2 sites (alternative option 1 ~ 75 hectares / alternative option 2 ~ 130 hectares) have been identified as possible locations for the renewable project. All will be assessed during the EA process.

The solar PV plant will consist of the following infrastructure:

- Single axis solar PV panels that will be able to produce up to 35 MWh output in the first phase, with a maximum of 100 MWh total.
- Inverters that convert direct current ("DC") into alternating current ("AC").
- Transformer/s and Transformer substations and switchgear.
- Instrumentation and control facilities.
- Mounting structures for the solar panels.
- Cabling between the structures.
- Water storage, pumping and transport infrastructure.
- Battery Energy Storage System ("BESS").
- Internal access roads and road intersection.
- Fencing, gates, connectivity and access control.

Electricity from the PV plant will be transmitted to a 132 kV substation and switching station, as well as behind the meter to the processing plant transformer. Both the substation and the transformer will be supplied via a 33 kV power line installed adjacent to the R555 road.

Processing plant and tailings facility

16.3 hectares of predominantly previously disturbed land has been set aside for the processing plant ("the plant"). Initially the entire 16.3 hectares will be fenced, and new plant access roads (one from the R555 and one from the Tubatse Residence Road) will be established. The area for the plant will undergo the necessary earthworks and terracing to generate the platform required to construct the plant.

The plant will consist of the following:

- Storage facilities.
- Crushing milling and screening facilities.
- Chromite whims/spiral facilities.
- Chromite flotation facilities.
- PGM flotation facilities.
- Site offices (operational and engineering), parking, change house and ablutions, security offices and admin buildings, control room, sample preparation laboratory, workshops and substations complete with Motor Control Centers ("MCCs") and High Tension/Low Tension ("HT/LT") switchgear.
- Tailings thickening facilities.

Auxiliary services and infrastructure associated with the plant include:

- Power and water supply (both process and potable) to be established, including appropriate reticulation.
- Potable water treatment facilities (x2 have been planned for) to upgrade raw water being pumped to the plant.
- Fire detection and control system with reticulation, supplied from the pressurized main water supply.
- A sewage system (appropriate reticulation system and treatment plant).
- Backup generator.
- Fuel storage and storage facilities for oils, grease, and other lubricants.
- Storage systems for reagents.
- Installation of appropriate stormwater management measures which separate clean and dirty runoff systems, a pollution control dam ("PCD") and appropriate bunding where required.
- Stockpiles: crushed ROM, milled ROM and various chromite products (including chromite pellets), high grade and low grade PGM concentrates will be produced and stockpiled and stored.
- Weighbridges: Chromite will be sold to Samancor at Southern Sphere's weighbridge.
- Connectivity infrastructure (roads and conveyors).

An extended area of around 60 hectares has been demarcated for the use as a tailings facility for the project. A current preferred area (Option C) of ~ 40 hectares has been identified for the development of the dry stack tailings facility ("DSTSF") and associated return water dams and stormwater controls. In 2024, an option analysis for the positioning of the TSF was undertaken. During this process 2 other alternative options (Options A & B) were assessed. In the time since the completion of the option analysis, Samancor have commenced with construction activities for their new TSF, which in turn renders Options A & B as no longer viable.

Southern Sphere's preferred plan is to design and implement a DSTSF facility which aligns to global best practice. The DSTSF will be designed to accommodate a minimum of 11 000 000 million tonnes of dry stack tailings generated over the course of the project.

In addition to the DSTSF option above, alternatives for the disposal of emergency slurry tailings, comprising of ~5% of all tailings generated, at the plant include:

- Dedicated footprint on the DSTSF.
- Slurry spread out over the entire DSTSF footprint.
- Co-deposition onto the overburden dumps.
- Concrete slurry drying ponds followed by deposition on the DSTSF.

There is also a potential that minimal amounts of slag (generated from the off-site processing of the Southern Sphere concentrate) will also be co-mingled into the overburden dumps.

All the above will be presented and considered as options or alternatives during the EA process.

Wagtail / Loerie & Hoopoe mining projects

The existing Samancor Tailings Storage facilities (Loerie), certain existing Samancor DMS discard dumps (Wagtail) and current arisings from Samancor's existing and future mining operations covering MG 1-4 and LG reefs (Hoopoe), could be (re)processed through a chromite and PGM recovery plant to be constructed by Southern Sphere. Material from each of these resources will be delivered to the plant either via truck, conveyor or piped from where it will be processed. Also included in this EA is the open pit or underground mining of any of the MG1-4 layers to recover PGMs including any sweeping and vamping operations in existing mining areas or areas where existing mining has ceased for whatever reason.

Sunbird mining project

Southern Sphere will develop the Sunbird pit which will consist of stripping topsoil and soft overburden followed by drill, blast, load, and haul mining operation over a period of ~ 3.5 years. The Merensky reef mined will be crushed and sold directly as crushed ROM. All the overburden waste mined from this open pit will be both backfilled into mined out sections of the pit and deposited on the northern side of the pit on natural ground level.

The proposed high-level plan for the Sunbird open pit is as follows:

- Approximate 80 m maximum highwall depth.
- Pit strike ~ 600 m.
- A portion of the pit highwall will be left open to allow for underground access to implement future underground mining activities into the Sunbird area.
- Maximum overburden dump height of 60 m above natural ground level.
- The open pit void will be partially backfilled with overburden waste from the Kingfisher open pit.
- A laydown area with specific access from the R555, offices, stores, septic tanks, water storage and reticulation, PCD, workshops, MCC and electrical infrastructure, wash bay, fuel storage and crushing and stockpile facilities, weighbridges, a load out facility and scavenger boreholes will be developed to the north of the Sunbird pit.

Once opencast mining is exhausted from the open pit mining method future underground operations could commence from the open pit area.

Kingfisher mining project

Southern Sphere will develop the Kingfisher open pit operation. The mining operation will be initially to strip topsoil and soft overburden followed by drill, blast, load, haul and conveyor mining operation commencing in the north and mining southwards.

In order to facilitate the initial opening up of the Kingfisher pit, the D2484 road running from the R555 road over the Steelpoort River will need to be diverted using a temporary diversion road. Overburden waste from the box cut at Kingfisher will initially be deposited into Sunbird open pit void and thereafter, both onto overburden dumps and on a roll over basis into the void created by mining the Kingfisher open pit.

The open pits will run parallel with existing surface infrastructure which includes the R555 road, established pipelines, powerlines on the one side and the Steelpoort River on the other side (in some places as close as ~50 m). Key elements of the Kingfisher project are:

- Diversion of the Eerste Geluk community road (D2484) between the Steelpoort River and the R555 will be required
- 110 m maximum highwall depth.
- Pit length/strike phase 1 ~ 2500 m, phase 2 an additional ~ 650m; mining through numerous non-perineal channels – the pit will run between the Steelpoort River and the R555.
- Phase 2 of open pit mining for of pyroxenite, anorthosite, gabbro and norite will extend into portions of portions 1,2 & 3 of Spitskop 333KT.
- As mining proceeds, overburden will be backfilled into the mined-out areas. Due to bulking overburden could eventually rise ~ 60m above the natural topography.
- Concurrent rehabilitation will form part of the ongoing mining activities.
- Stormwater management requirements will be installed at pre-determined locations to allow for the drainage of water from east to west towards the Steelpoort river.
- A portion of the pit will not be backfilled to allow for the establishment of underground access tunnels in the highwall for future underground mining activities.
- A portion of the pit will be left open to commence on the decline requirements towards the future Goliath project area.
- The operation will include both truck and airborne ropeway conveyor haulage methods. The conveyor will run from the Sunbird area to the southern extent of the Kingfisher pit and will have a conveyor branch traversing both the

R555 and Eskom's powerlines, linking to the plant. If trucks are used, the same point where the conveyor branch is created will also form the point where haul trucks will cross the R555 road.

- A berm will be created adjacent to the Steelpoort River to demarcate the future mining areas and to prevent possible ingress of water into the pit during extreme flood events associated with the Steelpoort River.
- A dewatering plan will be implemented, involving numerous scavenger boreholes, to limit the ingress of groundwater into the pit.
- In-pit sumps will be created where necessary.
- A PCD and silt traps will be created where necessary.
- A culvert under the R555 or overpass over the R555 will allow the conveyor, piped water and power to reach the plant.
- Mining laydown areas will be developed south of the Kingfisher pit (on the farm Spitskop 333KT). Alternative positions for the Kingfisher laydown area will be assessed during the EA process.
- A semi-mobile crusher will be placed adjacent to the pit to undertake primary crushing requirements of the ROM before it being conveyed to the plant. The crusher will move south as mining proceeds to the south.

All PGM and Chromite ore from the Kingfisher mining area (~ 40 000 tonnes per month) will report to the Southern Sphere plant. Initial timeline estimates of mining from the Kingfisher area is 10 – 12 years.

Sugarbird mining project

At about the same time as the Sunbird pit is being developed, the Sugarbird open pits will be developed. The mining operations will initially be the stripping of topsoil and any soft overburden followed by drill, blast, load, and haul mining operations. ROM from the mountainous area is planned to be delivered to the plant using a rope conveyor, thereby limiting the truck movement up and down the mountain.

Overburden waste will mostly be throw blasted or trucked to waste dump areas located around the side of the mountain lower down and once full, will be dumped on the mining area floor as waste dumps. The proposed plan for the Sugarbird open pits is as follows:

- Multiple sub-pits all combining into one large footprint (collectively known as Sugarbird) covering UG1, UG2, MG1-4 and Merensky reef.
- 120 m maximum highwall for each sub-pit where practical.
- Pit length/strike – all around the mountain.
- From the highwall, in strategic locations, underground adits will be established to allow for future underground mining operations.
- Maximum overburden dump height – 60 m above natural ground level.
- The operation will include both truck and conveyor haulage methods. An airborne conveyor (e.g. rope conveyor) will be the preferred method of conveying ore from the mountain area to the plant.
- A PCD for pit water.
- A laydown area including offices and support infrastructure will be established within the Sugarbird area, and a powerline will be installed up to mining area.
- Appropriate storm water management controls will be implemented around the Sugarbird mining area.

All run of mine ore from the Sugarbird mining area (~ minimum 40 000 tonnes per month) will report to the Southern Sphere plant. Mining of the Sugarbird area could last up to 25 – 28 years.

Underground operations within the mining area

Underground mining on any of the mineralised layers within the mining area, including from existing underground excavations and from areas that have been or will be disturbed by opencast mining activities, will proceed under this EA. Highwalls from which underground access will commence will be prepared to provide access prior to the start of underground mining.

Excluded from this application and EA are the proposed box cut and decline proposed on portion 2 of Grootboom. At the appropriate time these additional activities will be assessed for new Listed Activity triggers in terms of the EIA Regulation and, if necessary, the appropriate application process will be followed in order to seek authorisation.

Figure 2 below provides a visual indication of the spatial orientation of main elements of the project covered by this application.

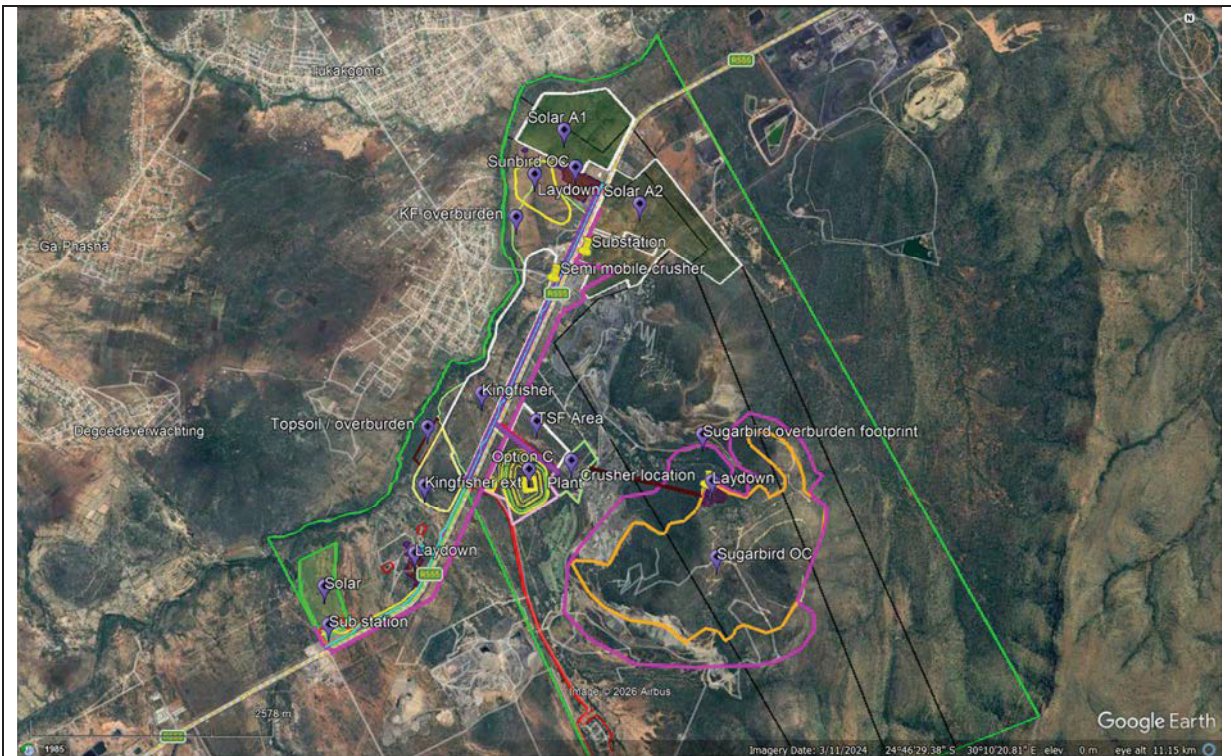


Figure 2: Main Elements of the project covered by this application

Farm Name:	The Mining right areas includes: The farm Grootboom 336 KT, which includes: • RE of Farm Grootboom 336 KT • Portion 1 of Farm Grootboom 336 KT • Portion 2 of Farm Grootboom 336 KT • Portion 3 of Farm Grootboom 336 KT • Portion 4 of Farm Grootboom 336 KT The farm Annex Grootboom 335KT, which includes: • Portion 1 of the farm Annex Grootboom 335 KT • Re of the farm Annex Grootboom 335 KT • Steelpoort Ext 1 • Steelpoort Ext 2 Portion 1 and a portion of portions 2, 3 and 28 of the Farm Spitskop 333KT The Environmental area covered by this application intersects: • The farms Grootboom 336KT and Annex Grootboom 335 KT • A portion of portion 28 of the Farm Spitskop 333KT • A portion of portions 1,2 and 3 of Spitskop 333KT And specifically excludes: • 2 x demarcated decline portals on Spitskop 333KT • Steelpoort Extension 1 and 2 (Tubatse village)
Application area (Ha)	The total area covered by the Farms and Farm portions covered by this application is as follows: • 3647.4525 hectares covered by the consolidated S102 application to combine the Southern Sphere mineral rights.

	• 3560.7417 hectares covering the consolidated environmental application area over Grootboom 336KT, Annex Grootboom 335KT and portions of the farm Spitskop 333KT. ○ Specific exclusions include the 2 x decline portals and ○ Steelpoort Extension 1 and 2. • Of the 3560.7417 hectares ~1000 hectares are required for surface activities.		
Magisterial district:	The proposed site for the project is located in Wards 27 and 31 of the Fetakgomo Tubatse Local Municipality that forms part of the Sekhukhune District Municipality in the Limpopo Province		
Distance and direction from nearest town	The closest towns are Steelpoort (7 km) and Burgersfort (20 km).		
21-digit Surveyor General Code for each farm portion	Farm and portion	21 Digit SG Code	Key Intended surface project activities (not exhaustive)
	A portion of Portion 1 of Spitskop 333 KT	T0KT00000000033300001	Kingfisher laydown area and pollution control dam; Stormwater channels; Renewable project (solar facility) Substation, switching station, 132kV and 33kV overhead lines. Haul roads, R555 intersection; Topsoil and, overburden dumps, floodwater berm. Extension of Kingfisher pit to include mining of pyroxenite, anorthosite, gabbro and norite and underground mining
	A portion of Portion 2 of Spitskop 333 KT	T0KT00000000033300002	
	A portion of Portion 3 of Spitskop 333 KT	T0KT00000000033300003	
	A portion of Portion 28 of Spitskop 333 KT	T0KT00000000033300028	A portion of Kingfisher pit, topsoil dumps and overburden. Haul roads, powerlines, conveyors. Stormwater channels
	Portion 1 (RE) Annex Grootboom 335KT	T0KT00000000033500001	A portion of the mining area; A portion of the TSF footprint and RWD; A portion of the plant footprint and haul road access to the plant; A portion of Sugarbird overburden dump; Stormwater channels
	Portion 0 (RE) Annex Grootboom 335KT	T0KT00000000033500000	A portion of Kingfisher pit, Topsoil dump, overburden dump and floodwater berm; A portion of Sugarbird mine, topsoil and overburden. A portion of Loerie resource. A portion of the TSF A portion of the plant footprint and access to the plant Haul roads, ropeway conveyor, mobile crusher
	Portion 1 (RE) Grootboom 336KT	T0KT00000000033600001	A portion of Sugarbird mine (including the laydown area), topsoil and overburden dumps. A portion of Loerie resource, The Wagtail resource; Haul roads, ropeway conveyor, mobile crusher; Stormwater channels
	Portion RE Grootboom 336KT	T0KT00000000033600000	A portion of Sugarbird pit, topsoil and overburden dump

			Solar facility; Stormwater channels
	Portion 2 (RE) Grootboom 336KT	T0KT00000000033600002	Solar plant, 132kV and 33kV powerlines; Stormwater channels Conveyors
	Portion 3 Grootboom 336KT	T0KT00000000033600003	Sunbird pit, topsoil and overburden dump Sunbird laydown area, Scavenger boreholes Haul roads, road intersection, road diversion 33kV powerline, solar facility, substation, switching station Ropeway conveyor, crusher, Northern extent of Kingfisher pit, topsoil and overburden dumps Water pipeline; Stormwater channels
	Portion 4 Grootboom 336KT	T0KT00000000033600004	No surface impact

1. ACTIVITIES TO BE AUTHORISED

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

(For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated. Please note that any authorisation that may result from this application will only cover activities specifically applied for). (Attach a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all the activities to be applied for, as **Appendix 4**)

NAME OF ACTIVITY	ARIAL EXTENT OF ACTIVITY Ha or m ²	LISTED ACTIVI TY (mark with X)	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)/NOT LISTED	WASTE MANAGEME NT AUTHORISA TION
Mining Rights				
Expand LP 10190 to include Annex Grootboom 335KT and portion 1 and a portion of portions 2, 3 and 28 of Spitskop 333KT Mining right LP 10190 MR is being amended through a S102 process to; include other land and minerals and to amend the MWP and EMPR to facilitate the optimal extraction of mineral resources within the project footprint. All activities of the Steelpoort Project, including the operation of those activities, requiring a Mining Right and all other Listed Activities required to exercise the Mining Right (as outlined in the project description above).	3647.5 ha	X	GNR 984 activity 17 GNR 983 activity 21D	Not applicable
Samancor to exclude Southern Sphere minerals from LP 191 MR (or MP 204 MR) The expansion of the mining right LP 10190 MR into Annex Grootboom also triggers the need for Samancor to exclude Southern Sphere minerals so they can be incorporated into LP 10190 MR. Other than excluding Southern Sphere's minerals,	1443 ha	X		Not applicable

NAME OF ACTIVITY	ARIAL EXTENT OF ACTIVITY Ha or m ²	LISTED ACTIVI TY (mark with X)	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)/NOT LISTED	WASTE MANAGEME NT AUTHORISA TION
no other change occurs to the Samancor right as a result of this application.				
At the end of life of the mine the consolidated mining right (LP 10190) will be subject to a closure process based on the approved closure plan at the time of commencing closure activities.	3647.5 ha		Closure in terms of the Financial Provisioning Regulations	Not applicable
Project wide triggers (covering Plant, TSF, Solar, Sunbird, Kingfisher & Sugarbird)				
The environmental area will be appropriately rezoned to accommodate the mining activities.	~ 3560.7 ha	X	GNR 983 activity 28(ii)	Not applicable
Throughout the entire project footprint (Plant, TSF, Sunbird, Kingfisher and Sugarbird) there will be installed diesel generator capacity to act as back-up power and to run mobile pumps, which may be a combined excessive of 10MWA.	~ 200 m ²	X	GNR 983 activity 2	Not applicable
The development of sumps, dams and reservoirs throughout the entire project footprint which, in <u>combination</u> , may have a capacity of more than 50 000m ³ , for the storage of water.	~20 000 m ²	X	GNR 983 activity 12(i)(a)(c) GNR 983 activity 13 GNR 983 activity 19 GNR 985 activity 2(e)(ii)(bb) GNR 985 activity 12(e)(i) GNR 985 activity 14(i)(a)(c)(e)(i)(dd)(ff)	Not applicable
Development of pollution control dams (Sunbird, Kingfisher, Sugarbird and Plant) and a return water dam (TSF), which may in combination have a capacity of greater than 50 000 m ³ The PCD's will exceed 100m ² and may be within 32m of a water course.	~7.5 ha	X	GNR 984 activity 6 GNR 985 activity 12(e)(i) GNR 985 activity 14(i)(a)(c)(e)(i)(dd)(ff)	Not applicable
Undertaking of a linear activity through the development of infrastructure (pipes, trenches and culverts) for the transport of water and stormwater on site.	~ 30 000 m ²	X	GNR 983 activity 9 GNR 983 activity 12(ii)(a)(c) GNR 983 activity 19 GNR 985 activity 12(e)(i)	Not applicable
Undertaking of a linear activity through the development of infrastructure (powerlines) for the transmission and distribution of electricity of more than 33 kilovolts.	~ 8000 m ²	X	GNR 983 activity 11 GNR 983 activity 12(ii)(a)(c) GNR 985 activity 12(e)(i)	Not applicable
Undertaking of a linear activity through the installation of conveyors within conveyor corridors including: - Conveyor running the length of the Sunbird and Kingfisher footprint with a section running under or over the R555 to the plant - Possible conveyor to move overburden within the Kingfisher and Sunbird footprint - Conveyor(s) running from the Sugarbird footprint to processing plants	~ 32 000 m ²	X	GNR 983 activity 12(ii)(a)(c) GNR 985 activity 12(e)(i) GNR 985 activity 14(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable

NAME OF ACTIVITY	ARIAL EXTENT OF ACTIVITY Ha or m ²	LISTED ACTIVI TY (mark with X)	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)/NOT LISTED	WASTE MANAGEME NT AUTHORISA TION
- Conveyor from the plant to the TSF facility - Internal conveyors at the plant - Internal conveyors at all crushing facilities				
Development and operation of small modular sewerage package plants (up to 4 anticipated located at – Sunbird laydown, Kingfisher laydown, Plant & possibly Sugarbird laydown).	~ 200 m ²	X	GNR 983 activity 25 GNR 984 activity 6 GNR 985 activity 12(e)(i)	Not applicable
Development of infrastructure for the transport of sewage to the package plants (up to 4 plants) and affected water from the plant to the tailings storage facility on site.	~ 1000 m ²	X	GNR 983 activity 10(i) GNR 983 activity 19 GNR 985 activity 12(e)(i) GNR 985 activity 14(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Collective storage of dangerous goods; - Fuel (diesel and petrol) will be stored at the plant, all mining laydown areas (x3) and in diesel bowsers. - Reagents and sulphuric acid will be stored within the plant footprint area - Oils and greases will be stored in workshops / maintenance areas (x4) - Emulsion (in emergency circumstances) could be stored for a limited period. In combination these collective storage areas may have a combined capacity of greater than 80 cubic meters but less than 500 cubic meters.	> 300 m ²	X	GNR 983 activity 14 GNR 983 activity 27 GNR 985 activity 10(e)(i) GNR 985 activity 12(e)(i)	Not applicable
Development of new access and haul roads, the widening of existing roads within the whole mining area and the establishment of intersections and shoulders with existing roads. Upgrading of infrastructure on R555 to include high mast lights and speed humps. Including but not limited to: 1 x new access road from the R555 to the plant and into Kingfisher (4 way stop). Within the access corridor to the plant will include other linear activities (conveyors, pipelines & powerlines) - Widening and upgrading of an existing access road from the Tubatse resident's road to the plant - Access road from the R555 to Sunbird laydown area and Solar plant (4 way stop) - Access road from the R555 to Kingfisher laydown area - Internal roads for the solar plants and substation - Haul roads running from the solar plant from Spitskop in the south to Sunbird laydown on Grootboom in the north, located to the west of the R555 - Access roads running along the edge of the lease areas	>20 ha	X	GNR 983 activity 19 GNR 983 activity 24(ii) GNR 983 activity 56(i) and (ii) GNR 985 activity 4(e)(i)(cc) GNR 985 activity 12(e)(i) GNR 985 activity 18(e)(i)(cc)(hh)	Not applicable

NAME OF ACTIVITY	ARIAL EXTENT OF ACTIVITY Ha or m ²	LISTED ACTIVI TY (mark with X)	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)/NOT LISTED	WASTE MANAGEME NT AUTHORISA TION
1 x temporary diversion roads joining the D2484 and the R555 (required for +/- 12 – 15 months during the initial mining of Kingfisher pit) - Reinstating of the D2484 once mining in the area is complete - Expansion of existing haul roads from the plant into the Sugarbird mining area - Haul roads within the Sugarbird mining area - Widening of existing roads within the lease area.				
Where required, fencing of sensitive project footprint areas (Plant / TSF / Laydown areas / Substation / Solar Plant / BESS / Mining areas / Pump stations).	~ 30 000 m	X	GNR 985 activity 12(e)(i)	Not applicable
A portion of the overburden generated from mining of the Sunbird, Kingfisher and Sugarbird pits, will, where possible be reclaimed and used for internal construction / operational requirements, and if a market exists, be sold externally.	> 60 ha	X	GNR 983 activity 21F	GNR 921 Category B (11)
Renewable Project				
Proposed solar plant(s) to be located on the farm Spitskop 333KT and Grootboom 336KT; and includes a single axis PV plant with panels, inverters, substation(s), switchgear, internal cabling, Battery Energy Storage System (BESS), internal roads, instrumentation and control facilities, etc. Maximum anticipated generation capacity from these locations is ~ 100MWh. The electricity generated will be transmitted to Eskom and behind the meter along powerlines from the substations to the plant which would result in transmission lines of between 4 to 4.5km.	Preferred area ~ 35 ha A1 ~ 75 ha A2 ~ 130 ha	X	GNR 984 activity 1 GNR 984 activity 15 GNR 983 activity 11 GNR 983 activity 12(ii)(a)(c) GNR 983 activity 19 GNR 983 activity 24(ii) GNR 983 activity 27 GNR 983 activity 28(ii) GNR 985 activity 12(e)(i) GNR 985 activity 14(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Plant and TSF				
Development and operation of plant (including storage facilities, crushing, milling, and screening facilities, whims/spiral facilities, fine chromite recovery facilities, PGM float facilities, pelletising plant and tails thickening facilities) and associated infrastructure (e.g. office buildings, change house, sewerage, water reticulation, security and parking, workshops, laydown areas, weighbridge etc)	16.3 ha	X	GNR 983 activity 14 GNR 983 activity 19 GNR 983 activity 27 GNR 985 activity 10(e)(i) GNR 985 activity 12(e)(i) GNR 985 activity 14(i)(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Stockpiles covering both run of mine, crusher and mill stockpiles from the mining areas and product stockpiles.	5 ha (part of the 16 ha above)	X	GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Development and operation of waste dry stack tailings storage facility (DSTSF) and associated return water dams and stormwater controls.	40.5 ha	X	GNR 983 activity 19 GNR 983 activity 28(ii) GNR 984 activity 6	GNR 921 Category B (10)

NAME OF ACTIVITY	ARIAL EXTENT OF ACTIVITY Ha or m ²	LISTED ACTIVI TY (mark with X)	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)/NOT LISTED	WASTE MANAGEME NT AUTHORISA TION
*Alternatives for handling emergency slurry (~5%) of tails generated will be investigated during the EA process.			GNR 984 activity 15 GNR 984 activity 16 GNR 985 activity 12(e)(i) GNR 985 activity 14(i)(ii)(a)(c)(e)(i)(dd)(ff)	GNR 921 Category B (11)
Disposal of tailings and slag through co-mingling with overburden use during the backfilling of the Kingfisher pit.	~40 ha	X		GNR 921 Category B (10) GNR 921 Category B (11)
Elements covered by the "project wide" listed activities, and hence not repeated include: - The storage of reagents and fuel - Storage of water - Distribution of process and potable water - Storm water requirements and the PCD - Substations and the distribution of electricity - Back up power generation - Conveyors - Sewage requirements.				
Wagtail and Loerie and Hoopoe				
Reprocessing of existing Samancor TSF facilities (Loerie), certain existing Samancor DMS discard dumps (Wagtail) and ROM material mined through Samancor's existing operations (Hoopoe)	60 ha	X	GNR 983 activity 21F	GNR 921 Category B (11)
Elements covered by the "project wide" listed activities, and hence not repeated include: - Access road from Wagtail to the plant - Distribution of process water - Haul roads.				
Sunbird mining area				
Construction laydown area.	10 ha	X	GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Development and operation of Sunbird laydown area inclusive of: - Intersection and access road from the R555 - Security, weighbridge - Parking, offices, stores (oils / greases / fuel) - Workshops, washbay, hard park - Crushing facilities for the Merensky reef - RoM and product stockpiles - Storm water infrastructure and a PCD - Offices, stores, workshops and a crusher.	10 ha	X	GNR 983 activity 27 GNR 985 activity 12(e)(i) GNR 985 activity 14(i)(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Development and mining of Sunbird open pit (Merensky reef).	Surface impact ~25 ha	X	GNR 983 activity 19 GNR 983 activity 28(ii) GNR 984 activity 15 GNR 984 activity 17	Not applicable

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Extension from the open pit to extract additional resources within the mining right footprint via underground activities.			GNR 985 activity 12(e)(i) GNR 985 activity 14(ii)(a)(c)(e)(i)(dd)(ff)	
Topsoil dumps.	3 ha	X	GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Overburden dump covering both backfilled into the pit (~18ha) and other areas.	45 ha	X	GNR 983 activity 19 GNR 984 activity 15 GNR 985 activity 12(e)(i)	GNR 921 Category B (10) GNR 921 Category B (11)
Elements covered by the "project wide" listed activities, and hence not repeated include: • Roads • Conveyors • Electrical distribution • Sewage facilities • Storage of water • Storm water management requirements • Distribution of process water				
Kingfisher pit				
Construction laydown area.	10 ha	X	GNR 983 activity 19 GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Development and operation of the Kingfisher laydown area inclusive of: • Access road from the R555 • Security, weighbridge • Parking, offices, stores (oils / greases / fuel) • Sewage facilities • Workshops • Storm water infrastructure and a PCD	~ 10 ha	X	GNR 983 activity 27 GNR 985 activity 12(e)(i) GNR 985 activity 14(i)(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Development of a semi-mobile crusher (which starts in the north and moves south as mining progresses in a southern direction).	~500 m ²	X	GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Construction of berm adjacent to Steelpoort River.	5 ha	X	GNR 983 activity 12(ii)(a)(c) GNR 983 activity 19 GNR 985 activity 12(e)(i) GNR 985 activity 14(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Culvert under R555 for conveyor and water pipeline, and culverts within Kingfisher backfilled area to allow drainage towards Steelpoort River.	3 ha	X	GNR 983 activity 19 GNR 985 activity 14(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Development and mining of Kingfisher open pit (phase 1). Extension from the open pit to extract additional resources within the mining right footprint via underground activities.	Surface impact ~ 85 ha (1) + ~30 ha (2)	X	GNR 983 activity 19 GNR 983 activity 28(ii) GNR 984 activity 15 GNR 984 activity 17	Not applicable

NAME OF ACTIVITY	ARIAL EXTENT OF ACTIVITY Ha or m ²	LISTED ACTIVI TY (mark with X)	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)/NOT LISTED	WASTE MANAGEME NT AUTHORISA TION
Development and mining of Kingfisher open pit (phase 2).			GNR 985 activity 12(e)(i) GNR 985 activity 14(ii)(a)(c)(e)(i)(dd)(ff)	
Topsoil dumps.	5 ha	X	GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Overburden dump covering both backfilled into the pit (~80ha) and other areas.	90 ha	X	GNR 983 activity 19 GNR 983 activity 27 GNR 985 activity 12(e)(i)	GNR 921 Category B (10) GNR 921 Category B (11)
Elements covered by the "project wide" listed activities, and hence not repeated include: - Roads - Conveyors - Electrical distribution - Storage of water - Storm water management requirements - Distribution of process water.				
Sugarbird Pit				
Construction laydown area.	10 ha	X	GNR 983 activity 19 GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Development and operation of the Sugarbird laydown area inclusive of: - Access road from the plant, - Security, - Parking, offices, stores (oils / greases / fuel) - Sewage facilities - Storm water infrastructure and a PCD	~ 10 ha	X	GNR 983 activity 27 GNR 985 activity 12(e)(i) GNR 985 activity 14(i)(ii)(a)(c)(e)(i)(dd)(ff)	Not applicable
Development of a crusher (adjacent to the rope conveyor to move ROM from the mountainous area to the plant).	~500 m ²	X	GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Development of a mast or tower used for radio transmission purposes which could exceed 15m in height.	50 m ²	X	GNR 985 activity 3(e)(i)	Not applicable
Development and mining of the Sugarbird Merensky, UG1, UG2 and MG1-4 resources. Extension from the open pit to extract additional resources within the mining right footprint via underground activities.	Surface impact ~300 ha	X	GNR 983 activity 28(ii) GNR 984 activity 15 GNR 984 activity 17	Not applicable
Topsoil dumps.	5 ha	X	GNR 983 activity 27 GNR 985 activity 12(e)(i)	Not applicable
Overburden dump covering both backfilled into the pit and other areas.	475 ha	X	GNR 983 activity 19 GNR 984 activity 15 GNR 985 activity 12(e)(i)	GNR 921 Category B (10)

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				GNR 921 Category B (11)
Elements covered by the "project wide" listed activities, and hence not repeated include: • Roads • Conveyors • Electrical distribution • Storage of water • Storm water management requirements • Distribution of process water.				

2. 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

I. IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED

IDENTIFICATION CRITERIA	Mark with an X where applicable	
	YES	NO
Will the landowner be specifically consulted?	X	
Will the lawful occupier on the property other than the Landowner be consulted?	X	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?	X	
Will the landowners or lawful occupiers of neighbouring properties be 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? Department of Roads / Lebalelo pipeline	X	
Will the Provincial Department responsible for the environment be consulted?	X	
Will all of the parties identified above be provided with a description of the proposed mining 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		

II. DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

Steps to be taken to notify interested and affected parties (Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of	PROVIDE DESCRIPTION HERE Key stakeholders will be identified and will be directly informed of the proposed project by means of a combination of email, WhatsApp messages, site notices and newspaper advertisements. Key stakeholder included: • Surface right owners of the affected properties; • The owners and occupiers of the land adjacent to the area subject to the project; • Adjacent mining right holders • The Municipal Councillor of the Wards (27 and 31);
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advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as Appendix)	• Traditional authorities; • Fetakgomo Tubatse Local Municipality; • Sekhukhune District Municipality; • Villages; • Various organs of state having jurisdiction in respect of the activity (including the Department of Water and Sanitation, Agriculture, Limpopo Department of Economic Development, Environment and Tourism, South African Heritage Authority and the roads department. • Eskom. • Sanral • Lebalelo Water Use Association • Olifants River Water Resource Development project (ORWRDP) • Tubatse FerroChrome • Spitskop Platinum • Glencore and Tubatse Residence Association • Samancor Chrome – mining right holder • Southern Palladium • Modikwa Platinum • Neighbouring businesses The consultation process with I&APs will be an ongoing process and will include a notice to all potential I&APs, provision of a Background Information Document ("BID") notifying I&APs of the application and providing an overview of the proposed project and associated activities. The BID will be distributed by means of either registered post and / or email, to all identified I&APs. In addition to the above, the following notification and consultation methods will be used during the Scoping Phase: a. Newspaper Advertisements: Advertisements, notifying the public of the project and the Environmental Impact Assessment process will be placed in the local newspaper(s) b. Site Notices. Notice boards (A2 size) will be erected at visible locations in the local area. c. Written notices Written notices will be emailed to the landowners and identified I&APs, Authorities and Stakeholders. The scoping report will be made available for review for 30 days via the following methods: Digital Copy: www.shangoni.co.za Hardcopy: Local library (Mapodile Library) A public meeting or open day or focus group meetings (or combination thereof) will be held during the Scoping phase to discuss the project and give an opportunity for the I&APs to raise concerns associated with the project. The opportunity for meetings will be announced by advert in the Steelburger newspaper and direct email notification to identified parties. Public participation during the Impact Assessment Phase of the process will revolve around a review and inputs into the EIR and EMP.
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	Details of the engagement process of I&APs followed during the course of the assessment and an indication of how issues raised will be addressed and included in the Issues and Response Report. The EIA Report will be available for review for 30 days via the following methods: Digital Copy: www.shangoni.co.za Hardcopy: Local library (Mapodile Library) An EIA Phase public meeting or open day or focus meetings will be held to present the EIR and the specialist findings on the project. Consultation with stakeholders during finalisation of the public participation will entail: • Updating the Issues and Response Report with comments on the EIR and EMPr. • Distribution of final meeting minutes to the DMPR (Limpopo) and registered I&APs following the public meeting. Once DMPR has made a decision registered stakeholders will be notified of the decision.
Information to be provided to Interested and Affected Parties.	Compulsory • 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). Other, specify: A Background Information Document, containing all of the above information will be distributed all I&APs. The Draft Scoping Report will also be made available for public review and comment for a period of thirty (30) days.
Information to be required from Interested and Affected Parties.	Compulsory • 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 to make proposals as to how and to what standard the impacts on site can be remedied. requested to make written proposals. • To mitigate the potential impacts on their socio-economic conditions to make proposals as to how the potential impacts on their infrastructure can be managed, avoided or remedied). Other, Specify See steps to be taken notify interested and affected parties.

3. Description of the assessment process to be undertaken

ITEM	DESCRIPTION
Environmental attributes. Describe how the Environmental attributes associated with the development	As part of the proposed project, all aspects of the environment are considered and include (but are not limited to): • Geology. • Topography. • Soil.

footprint will be determined.	• Land use and land capability. • Vegetation • Animal Life. • Surface water. • Groundwater. • Sensitive landscapes (including riverine habitats). • Air quality. • Noise. • Visual aspects. • Sites of cultural and archaeological importance. • Socio-economic aspects. These aspects of the environment will be assessed and, where required, the relevant specialist will be appointed to further assess the environmental aspects, respectively. The environmental aspects will be described in detail in the Draft Scoping Report and will be further described in detail in the EIA and EMP.
Identification of impacts and risks. (Describe the process that will be used to identify impacts and risks.	Impacts and risks on the various environmental aspects will be determined through the comparison of the proposed activities, phases of the activities as well as the duration of the proposed activities on the baseline environmental situation and sensitivity of the area (as determined through specialist studies). The potential risks will be further described and assessed in detail as part of the EIA and EMP. These potential impacts and risks will be ranked and the significance determined.
Consideration of alternatives. 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.	In terms of the EIA Regulations GNR. 982, dated 04 December 2014, alternatives is defined as “...different means of meeting the general purpose and requirements of the activity, which may include alternatives to the- (a) property on which or location where the activity is proposed to be undertaken; (b) type of activity to be undertaken; (c) design or layout of the activity; (d) technology to be used in the activity; or (e) operational aspects of the activity; and includes the option of not implementing the activity” The proposed activities will be assessed in terms of the above criteria, and all possible feasible alternatives will be identified and consider in the draft scoping report. As part of the EIA and EMP, viable alternatives will be ranked in terms of criteria which include (but not limited to): • Environmental aspects. • Socio-economic aspects. • Legal requirements. • Optimum position for connection to future underground workings. • Capital and Operational costs. • Rehabilitation.
Process to assess and rank impacts. Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.	The environmental risks associated with any aspect of the environment is determined by plotting the significance of the impact against the probability of the impact occurring. The following approach will be taken in order to assess and rank the risks of the proposed activity: Step 1: Determination of the Probability of the impact by calculating the average between the following factors: • Frequency of the aspect. • Availability of a pathway to the receptor. • Availability of the receptor. Step 2: Determination of the Magnitude of the impact by calculating the average of the following factors: • Duration of impact. • Reversibility. • Extent.

	• Volume / Quantity / Intensity. • Toxicity / Destruction effect. • Sensitivity of environmental component. Step 3: Determination of the Severity of the impact by plotting the averages that were obtained in Step 1 and Step 2 above for Probability and Magnitude, respectively.
Contribution of specialist reports Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.	Several specialists have been / will be appointed to conduct studies on various biophysical and socio-economic aspects of the proposed project. These studies will include the following: • Aquatic study. • Hydropedology study. • Avi-fauna study. • Fauna study. • Heritage and Paleontological Impact Assessment. • Soil and land capability study. • Surface hydrological study • Storm water management study • Hydropedological study • Groundwater study. • Air Quality study. • Climate change study • Vegetation study. • Noise study. • Blasting assessment • Socio-economic Study. • Flood line study. • Visual Impact study. • Waste classification • Tailings assessments • Traffic impact study. • Closure Plan and associated financial provision requirements. These specialist studies will include a description of the possible impacts which may occur as a result of the proposed projects. The impacts will be assessed and will be ranked during the EIA and EMP Phase, utilising the three (3) step process as described above.
Determination of impact management objectives and outcomes. Describe how impact management objectives will be determined for each activity to address the potential impact at source, and how the impact management outcomes will be aligned with standards.	The comparison of the baseline environment with the proposed project, will allow for the determination of possible impacts and risks associated with the proposed project (refer also to the description of impact assessment). The objectives are then determined by identifying technical or management options namely through applying the mitigation hierarchy (avoid, reduce, manage, remediate) to any process / activity which may cause significant impacts on the environment, socio-economic conditions, and historical and cultural aspects. Therefore, in the process of determining the impact management objectives, appropriate mitigations measures are also identified.

4. 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	
National legislation				
Mineral Petroleum Development Resources Act	X		X	
National Water Act	X		X	
National Heritage Resources Act	X			X
Others: Please specify Rezoning application in terms of Spatial Land Use Management Act	X			X

Please provide proof of submission of applications in **Appendix 3**.

5. 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.

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 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)
Geology Altering the geology through open cast mining	Planning and design, pre-construction, construction operational and closure	Local ~410 hectares over 3 separate pits	- Effective mine planning to ensure optimal extraction of mineral resources - Completion of recognised feasibility studies to ensure optimisation of the mining operation. - Unavoidable impact to geology from opencast mining activities due to permanently destroying or disrupting the geological sequence. - Incorporate concurrent rehabilitation into mine planning (through backfilling of mined out areas)	International best practice such as NI 43-101 feasibility report. Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998)
Topography Open cast mining through drainage lines Backfilling of open pits to extend above natural ground level	Construction, Operational, Decommissioning, closure and post closure	Local and Downstream	- Mining activities restricted to the 3 x open pits. - Majority of pits to be backfilled with space being left to facilitate future underground mining activities.	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998)

Mining infrastructure TSF development above natural ground level			- Where waste rock dumps occur that cannot economically be returned into the pit, or waste rock that extends above the natural topography, will be shaped to ensure a stable and self-sustainable slope (~24°). Growth medium will be applied (topsoil, compost or other suitable material that can support vegetation) and thereafter a mixture of indigenous grass, trees or shrubs will be planted. - As soon as technically and economically viable side walls TSF will be vegetated.	
Soil, Land Use and Land Capability				
Clearing of soil	Construction	Local – (~ 1000 ha in total)	- Limit site clearance to areas to be impacted only. Only clear an area when required for imminent mining activities. - All available topsoil from any surface impacted area to be stripped and stockpiled or used immediately for concurrent rehabilitation activities. - Different topsoil types over the project area will be stored separately. - Limit the slopes of the soil stockpiles to reduce erosion and aid in rehabilitation. - Prevent pollution of topsoil. If pollution occurs remediate immediately - Ensure that an effective stormwater plan compiled for this site, aims to minimize runoff, erosion and sedimentation. - Protect all areas susceptible to erosion and ensure that there is no undue soil erosion resultant from activities within and adjacent to the construction camp and work areas.	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 GN704 National Water Act, 1998 (Act No. 36 of 1998)
Surface Water				
All Construction and mining activities	Construction, Operational and Decommission	Local and Downstream	- Footprint areas to be minimised to reduce the amount of run-off generated and the likelihood of the runoff containment infrastructure failing. - Where possible avoid any impact on a water course. Where not possible ensure the impacted water courses are covered by the water use license and GN704 exemption application. - Compilation and implementation of an effective stormwater plan specifically compiled for this site, to minimize runoff, erosion and sedimentation. - Stormwater channels should be filled with aggregate to slow the water flow and limit erosion. Where necessary sediment traps should be installed - Waste rock dump and related infrastructure must have runoff containment infrastructure (catchment channels).	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998)

			• Implementation of GN 704 principles. • Designs for the pollution control and return water dams must maintain freeboard. • During the detailed design phase, the footprint and design of structures should aim to have the least impact on habitat quality and hydrology of the watercourse. • Rehabilitation of drainage lines or alternative drainage pathway established at mine end of life. • During the construction phase measures must be put in place to control the flow of excess water so that it does not impact on the adjacent surface vegetation. • Implement surface water monitoring	
Groundwater				
Groundwater contamination and reduction of groundwater availability through construction practices and mining operation	Construction and Operational	Local and Downstream	• Reduce the chance of clean ground water interacting with "dirty water" in the mining pits by implementing a dewatering programme through scavenger boreholes. • Reduce the chance of existing pollution plumes entering the pits by implementing a dewatering programme and ensuring the treatment and handling of any polluted water is undertaken by parties responsible for the pollution. • Implement effective groundwater monitoring campaigns that can effectively monitor impact on quality and availability of groundwater. • Where monitoring has shown an impact has occurred on affected parties, alternative water supply should be provided to affected parties. • Potential pollution sources should be contained within the appropriate Infrastructure design which aims to minimise seepage. • Regular maintenance of operating machines and vehicles to take place in designated areas. • Approved environmentally friendly chemicals should be used as far as possible. • All hydrocarbons must be stored in bunded areas. • Spillages should be cleaned up and discarded correctly immediately after such an event occurs. • Contractor induction should include environmental awareness and the correct action to take in the event of a hydrocarbon spill. • Effective blasting procedures should be implemented to minimise the possibility of an impact from nitrates.	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998)

Biodiversity				Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998 and the National Environmental Management Biodiversity Act, 2004 (Act 10 of 2004)
Clearing vegetation & stripping soils over construction / opencast mine footprints	Construction & Operation	Local	- Limiting the mining footprint area and where possible restrict the footprint area to previously disturbed areas of or areas of lower sensitivity as far as practicable - If species of conservation concern are identified and will be impacted, obtain the necessary permit and implement the permit conditions. - Vegetation clearing kept to the minimum and only implemented when necessary. - All areas to be cleared must be demarcated. - Retain vegetation and soil in position for as long as possible, removing it immediately ahead of construction / earthworks in that area. Do not allow any disturbance to the adjoining natural vegetation cover. - Undertake an Alien Plant Control Plan which specifies actions and measurable targets - Long-term monitoring for the establishment of alien invasive species within the areas affected by the construction and maintenance and take immediate corrective action where invasive species are observed to establish, as specified in the Alien Vegetation Management Plan - Rehabilitate or revegetate disturbed areas as soon as practically possible.	
Mining activities	Operation	Local	- Any fauna directly threatened by the activities should be removed to a safe location by the EO or other suitably qualified person. - Protection of tall stands of <i>Senegalia galpinii</i> trees, no construction camps or anthropogenic activities to be allowed within the riverine buffer - The collection, hunting or harvesting of any plants or animals at the site should be strictly forbidden. - All staff and contractors should undergo an environmental induction course by the EO. - Fires should only be allowed within fire-safe demarcated areas. - No fuelwood collection should be allowed on-site. - All hazardous materials should be stored in the appropriate manner to prevent contamination of the site. Any accidental chemical, fuel and oil spills that occur at the site should be cleaned up in the appropriate manner as related to the nature of the spill.	
Rehabilitation and closure activities	Decommissioning	Local	- Soil disturbance and vegetation clearing should be kept to minimum. - Cleared areas that are not going to be used should be revegetated with locally-collected seed of indigenous species.	
				Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998

			- Regular monitoring to ensure that alien plants are not increasing as a result of the disturbance that has taken place. - Wastes will be removed and disposed of at an appropriately licensed landfill (facility disposal licenses will be verified) and recyclables will be taken to a licensed recycling facility. - Mechanical erosion control methods will be implemented if required. This may include the use of geotextiles. - Re-vegetation will be conducted through hand seeding exposed areas using indigenous grass species. - Re-vegetation efforts will be monitored every third month for a period of six months after initial seeding. - An effective vegetation cover must be achieved. Re-seeding will be undertaken if this cover has not been achieved after six months.	National Water Act, 1998 (Act No. 36 of 1998)
Sites of archaeological and cultural importance				
Mining and associated activities	Construction, Operational, and Decommissioning phase	Activity footprint	- Keep identified sites barricaded as no-go areas. - If graves are to be impacted, implement a grave relocation process at least one year prior to the impact occurring. - Adhere to a Chance Finds Protocol during excavation.	Adherence to the requirements of the National Heritage Resources Act (No 25 of 1999.
Sensitive landscapes				
Mining through the Sekhukhune Bushveld Ecosystem and ESA1 and ESA2 areas.	Construction, Operational and Decommission	Activity footprint	- Apply for permits for the removal of provincial protected plant species prior to clearing of the land. - Use existing roads where possible and limit vegetation clearing to a minimum. - Implement an ecological / vegetation management plan that includes the management and relocation of sensitive plant species within the mining footprint or where it could be impacted on by edge effects. - Keep the vegetation clearing in High SEI categories as small as possible and retain indigenous vegetation where possible. - Train staff/ workers on the value of biodiversity and the need to conserve the species and systems that occur within the mining rights area. - There is zero tolerance of the destruction or collecting of any biodiversity or part thereof by anybody working for or on behalf of the mine. - Construction workers may not remove flora, and neither may anyone collect seed from the plants without permission from the local authority. - Prevent disturbance to the adjoining natural vegetation cover.	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998) National Environmental Management Biodiversity Act, 2004 (Act 10 of 2004)

				- Monitoring or relocation of vegetation and sensitive plant species must take place in accordance with a Vegetation or ecological management plan. - Cordon off areas that are under rehabilitation as no-go areas using danger tape and steel droppers. If necessary, these areas should be fenced off to prevent vehicular, pedestrian and livestock access. Delay the re-introduction of livestock (where applicable) to all rehabilitation areas until an acceptable level of re-vegetation has been reached.	
Air quality	Construction activities and use of infrastructure associated with the Project.	Construction Operational	Impacts on extended area beyond site boundary (hundreds of metres to kilometres)	- Develop and implement a dust management plan which should include: - Dust management to be done on all cleared areas and unpaved roads. - Equipment to be selected in such a manner as to minimise emissions and equipment to be serviced at regular intervals. - Dust monitoring to be implemented - Additional dust suppression to be implemented if deemed necessary.	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998) National Environmental Management Air Quality Act, 2004 (Act 39 of 2004)
Noise	All construction and mining activities	Construction, Operational and Decommission	Local scale / adjacent sites	Noise pollution is to be monitored regularly, and night-time activities are to be kept to a minimum to lower noise pollution outside of daylight hours.	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998) National Environmental Management Air Quality Act, 2004 (Act 39 of 2004)
Visual	All construction and mining activities	Construction, Operational and Decommission	Local	- All areas are to be rehabilitated concurrently. - If the site must be lit at night, this will be done with low-UV type lights (such as most LEDs), which do not attract insects (orange spectrum to be used as far as possible).	Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998) National Environmental Management Air Quality Act, 2004 (Act 39 of 2004)

Socio-Economic			
All construction and mining activities	Construction, Operational and Decommission	Local and Regional	• If possible, goods and services should be procured from local businesses; this will stimulate indirect job creation. • Knowledge sharing and on-the-job training should be viewed as a prerequisite, where feasible, for all contractor's/service providers working on the project and employing local labour. • Continued inclusion of skills development programmes in the mine's Social and Labour Plan ("SLP"). Best practice, limiting harm as per National Environmental Management Act No. 107 of 1998 National Water Act, 1998 (Act No. 36 of 1998) National Environmental Management Air Quality Act, 2004 (Act 39 of 2004)

6. CLOSURE PLAN

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.	
Baseline environment Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment	The baseline environment will be determined in line with information from desktop information, specialist studies, monitoring feedback gathered during the operational life of the mine and from feedback from interested and affected parties.
Closure objectives Describe the closure objectives and the extent to which they will be aligned to the baseline environment	Based on the current geological knowledge of the mining area, the proposed open cast mining activities are expected to last ± 25 years. Thereafter access points within the open cast pits will be left to facilitate ongoing underground mining activities for another ± 15 years. Concurrent rehabilitation will form part of the day-to-day mining activities. Once an area is available for rehabilitation, it will be concurrently rehabilitated. Final closure is only expected in +/- 40 years after construction. A closure plan will be developed at the onset of mining, which will be reviewed and updated with interested and affected parties input on a regular basis. As and when final closure is implemented the following closure objectives would apply: - The mine will follow best practice closure activities at the time of closure which ensure physical and chemical stability and generating a future mining land use which is acceptable to all stakeholders. - Where possible the minimum goal would be to return disturbed areas to pre-mining environment (as described by the baseline studies)
Rehabilitation Plan Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, including the anticipated prospecting or mining area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.	A conceptual rehabilitation plan will be provided in the draft EMPr, compiled according to legislative requirements.
Rehabilitation Cost Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof	Rehabilitation cost will be calculated in line with legislated closure costing requirements. The size or volume of material to be demolished will be determined using designs and satellite imagery. Each component will be classified according to a rate category after which the demolition and rehabilitation cost per item, including infrastructure, dumps and open pits, will be calculated.
Decommissioning Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of either the cessation of the individual activity or the cessation of the overall prospecting or mining activity.	Concurrent rehabilitation will be implemented where possible throughout life of the project.



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

Southern Sphere Platinum Proprietary Limited

Name of company (if applicable):

30 March 2026

Date:

DECLARATION OF THE EAP

I, Lee-Anne Fellow declare that -

General declaration:

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

Disclosure of Vested Interest (delete whichever is not applicable)

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


Signature of the environmental assessment practitioner:

Shangoni Management Services (Pty) Ltd
Name of company:

27/03/2026
Date:

**APPENDIX 1
PROOF OF PAYMENT**

Date: 22/04/2026 Time: 1:39:30 PM

Profile name:	SHANGONI MANAGEMENT SERVICES (PTY) LTD
Batch reference number:	270954992
Reference number:	000000005770856894
Payment date:	22/04/2026
From account name:	SHANGONI MANAGEMENT SERVICES (PTY) LTD
From account description:	SHANGONI MANAGEMENT SERVICES (PTY) LTD
From account statement description:	Pietersburg Limpopo Sub Dep Ac
Beneficiary account / cell phone number:	4059160603
Beneficiary/ Recipient name:	Pietersburg Limpopo Sub Dep Acc
Beneficiary statement description:	LP00173MR/102:LP10190MR-LP0191
Branch code:	632005
Amount:	15,000.00

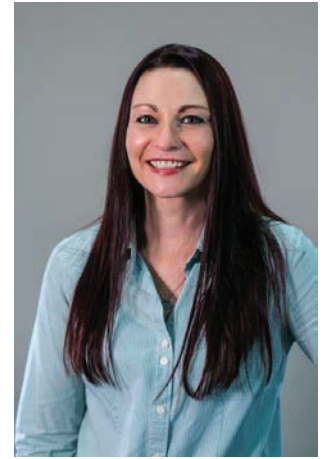
Additional comments by payer:

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.

APPENDIX 2
CV



Curriculum Vitae for Lee-Anne Fellowes



Overview and Profile

Lee-Anne is a Principal Consultant who has a B-tech degree in Nature Conservation from the Tshwane University of Technology and holds a National Diploma in Nature Conservation. She gained valuable experience in the conservation and the environmental field through her employment at Gauteng's Department of Agriculture, Conservation and Environment for a period of 5 years. Her areas of expertise include environmental audits (air quality, water use licence, waste licence, GN704 and regulation 34 audits, alien invasive surveys, biodiversity action & conservation plans, Environmental Impact Assessments ("EIA"), Environmental Management Programmes ("EMP"), Section 24G Rectification Applications, Basic Assessments, Water Use Licenses and Project Management. Lee-Anne has 20 years' experience at Shangoni. Lee-Anne has been registered as a Professional Natural Scientist in the field of Conservation Science Registration number: 115574 and is registered as an environmental impact assessment practitioner Registration number: 2019/850. Lee-Anne served on the Gauteng's Department of Agriculture and Rural Development Appeals Panel Committee for a period of 36 months (2020 – 2023) and gained valuable experience with the appeals procedure.



Education and Skills

B-Tech degree in Nature Conservation – University of Technology 2004

National Diploma in Nature Conservation – Pretoria Technikon 2000

Courses completed:

2026 – Carin Bosman Sustainable Solutions	Training course on Water Governance in South Africa
2025 – Shangoni Management Services (Pty) Ltd	Webinar approach to Natural Capital Accounting
2018 – Department of Environmental Affairs	Workshop on waste, asbestos, and vapour intrusion risk assessment
2015 – IMBEWU Sustainability Legal Specialists	Environmental Law
2014 – University of South Africa	Project Management



2009 – University of Pretoria

2006 – Shangoni Management Services

2005 – South African Tourism Institute in collaboration with THETA

2004 – University of Pretoria

Module 1: Introduction to Project Management Concepts and the Managerial Process,

Module 2: Project Management Body of Knowledge (PMBOK).

Introduction to Rehabilitation on Mining areas

ISO 14001 & 9000

Responsible Tourism Planning

Wetlands Course



Professional Affiliations

Registered as Professional Natural Scientist with the South African Council for Natural Scientific Professions (SACNASP) in the field of Conservation Science.

Registered Environmental Assessment Practitioner with the Environmental Assessment Practitioner Association of South Africa (EAPASA).



Work and Project Experience

Company: Shangoni Management Services

Position: Principal Environmental Consultant and Head of Department (EIA)

Years with company: 20 Years

Experience in field: 20 Years Environmental Consultant

5 Years in Conservation Field

Key responsibilities:

Environmental Authorisation-, Environmental Impact Assessment, Basic Assessments, Section 24G Rectification Applications, Waste Management Licence- and Water Use Licence Applications, Update of Integrated Water Waste Management Plan. Services include:

- Communication with client and Government Authorities.
- Project responsibility and co-ordination.
- Project management.
- Authorisation application and report compilation.
- Public Participation.
- Basic Assessment Reports, Scoping Reports, Environmental Impact Assessment Reports ("EIARs"), Environmental Management Programme Reports ("EMPrs") in terms of the National Environmental Management Act (NEMA),



1998, the National Environmental Management Waste Act (“NEMWA”), 2008, the Mineral and Petroleum Resources Development Act (MPRDA), 2002 and associated Regulations.

- Gap analysis and environmental screening reports.
- Technical reports in support of Integrated Water Use Licence Applications (IWULAs) and Integrated Water and Waste Management Plans (IWWMPs) in terms of the National Water Act (NWA), 1998.
- Quality reviewer of EIA and water related products.

Clients:

- Annesley Andulasite Mine (2006)
- Krosa Sand Mine (2006)
- Eagles Pride Hatchery (2006)
- SAB Rosslyn Breweries (2006)
- Hans van Rensburg Boerdery (2006)
- Sarik Boerdery (2006)
- Koos Uys – broiler chickens (2006)
- Total Tselentis Colliery (2006)
- PLD Logistics – filling station (2007)
- Langebaan – housing development (2007)
- BHP Billiton – Middelburg Mines (2007)
- Kumba Phoenix (2007)
- SANRAL (2007)
- Liketh Investments (2007)
- Wildebeest Depot (2007)
- Redrock – Chicken feed Mills (2007)
- Sabie Gorge (2007)
- Rondebosch housing development (2008)
- Eye to Eye Trading – new chicken farm (2008)
- De Beers Consolidated Mines Limited – Finsch Mines (2008)
- Assessment for the relocation of explosives magazines (2008)
- De Beers Consolidated Mines Limited – Voorspoed Mine (2008)
- Assessment for the construction of Gauging Weirs in the Renoster River (2008)
- SANPARKS upgrading of the Crocodile Low Level Water Bridge, and associated gates (2008)
- Shannon Farms – new chicken facility (2008)
- Nkosi Farms – new chicken facility (2008)
- Eagles Pride Hatchery Zeekoegat and Boekenhoutskloofdrift farms (2009)
- Rural Maintenance – Wind farm project in Western Cape on the farm Eenzaamheid (2009)
- Westwood Poultry – new chicken facility (2009)
- SAB Chamdor for the CO² and Alcohol expansion projects (2009)
- Goedgedacht new chicken farm (2010)
- Rosherville / ROTEC (2010)
- Harmony Gold Mines – TPM Plant Welkom (2010)



- Ashante Mineral Resources – Delmas (2010)
- Nkomati Joint Venture Mines (2010)
- Rhino Minerals Andulasite Mine (2011)
- Harmony Gold Free State TPM (2011)
- Kumba Thabazimbi Iron Ore Mine (2011, 2012 & 2017)
- Aquila Steel (S Africa) (Pty) Limited (2012 – 2014)
- Delta Mining Company (2012)
- Anglo American Kumba Iron ore Thabazimbi Mine, Phoenix project (2012)
- Anglo American Greenside Colliery (2013)
- Anglo American Kumba Iron ore Thabazimbi Mine, Infinity project (2013)
- Ngululu House / Restigen (2013)
- Anglo American Landau Colliery (2014)
- Afgri Poultry ISO 14001 implementation (2015)
- Sarovic Investments Mixed Residential Township development in Mpumalanga (2015)
- Sonland Ontwikkeling Mixed-use residential development (2015)
- Transnet Freight Rail (2016)
- Mezo Kitchens (2016)
- Anglo American Kumba Iron ore Thabazimbi Mine, Infinity project (2016)
- CSIR Olde World Foundary (2017)
- City of Ekurhuleni – Water and Sanitation Division (Welgedacht water pipeline BAR, Lakeside Outfall Sewer BAR, Pomona Outfall Sewer BAR, Rondebult Outfall Sewer BAR, Bedfordview water pipeline) (2018).
- Dal Fouche and Impala Mine (2019).
- Seriti Coal (Pty) Ltd New Denmark Colliery (2019)
- Bio2Watt Bronkhorstspuit Biogas Plant – Waste License (2020).
- Lethabong Mixed Housing Development (2021)
- Anglo American Operations (Pty) Ltd: Khwezela Colliery: North Section (Navigation, and Kromdraai) (2021)
- Petra Cullinan Diamond Mine: Amendment of EMPr (2021)
- Sishen Iron Ore Company (Pty) Ltd - Application for an Environmental Authorisation, Water Use Licence, and a Waste Management Licence for the Proposed Sishen Western Expansion Project (SWEP Phase 2 expansion of the Western Waste Rock Dump 5 and Associated Infrastructure) (2021)
- Southern Sphere (Pty) Ltd – Application for an Environmental Authorisation, Water Use Licence and a Waste Management Licence for the Proposed new mine (2023-2024).
- Sishen Expansion Project (2023-2024).
- Nasonti (2025).
- Eskom (2025).
- Rustenburg Platinum Mine Limited: Polokwane Metallurgical Complex (2025)
- Thungela Operations (Pty) Ltd: Khwezela Colliery (2025)



Key responsibilities:

Auditing. Services include:

- Conduct Environmental Control Officer Audits to monitor the activities conducted on site as per the Environmental Authorisation or licences that was issued.

Clients:

- SANRAL – Three traffic control centres between Mokopane and Polokwane (2009)
- Vanchem ECO audits (2010)
- Anglo Coal Greenside Colliery (2012)
- City of Ekurhuleni – Benoni, Welgedacht, Etwatwa Reservoirs (2017 – 2019)
- BVI Consulting Engineers – Sokhulumi Village (2019)
- Vosbreet Boerdery (2018 – 2020)
- Kale Development (2018 – 2019)
- Seriti Resources (Pty) Ltd: New Vaal Colliery: Regulation 34 Environmental Authorisation Audit (2021)
- Sibanye-Stillwater: Ezulwini Mining Company (Pty) Ltd Environmental Audit Report: Atmospheric Emissions Licence (2021)
- Sibanye-Stillwater: Rand Uranium (Pty) Ltd – Cooke Metallurgical Plant Environmental Audit Report: Atmospheric Emissions Licence (2021)
- Petra Diamonds, Cullinan Diamond Mine (2022)
- Elands Platinum (Pty) Ltd, Elands Mine (2022)
- Seriti New Largo (2022)
- Sishen Mine, SIB Projects (2022)
- De Beers Group Services: KDML (2023)
- Seriti New Largo (2023-2024)
- Exxaro Ferro Alloys (2025)
- DIRCO (2025)
- Seriti New Denmark (2025)
- Sibanye-Stillwater: Rand Uranium (Pty) Ltd – Cooke Metallurgical Plant Environmental Audit Report: Atmospheric Emissions Licence (2025)

Key responsibilities:

Biodiversity Action and Land Management Plans to ensure compliance to NEMBA. Services include:

- Conduct Biodiversity Action Plans to define biodiversity management actions as required in terms of the results of biodiversity studies conducted and ensure they are aligned with the commitments made in the Environmental Management Plan pertaining to biodiversity management.
- Alternative land use assessment.

Clients:

- Thabazimbi Iron Ore Mine (2007 & 2018)
- Kumba Thabazimbi Iron Ore (2010)
- Pilanesburg Platinum Mine (2013)



Key responsibilities:

Alien Invasive Studies. Services include:

- Conduct Alien Invasive Studies to identify invasive species on landowners' land to determine whether a notification to the competent authority is required and to determine the extent of control required for such invasive species.

Clients:

- Magalieswater – 5 sites (2011)
- Harmony Gold Mines – Elandsrand & Doornkop (2011)
- Pilanesburg Platinum Mine (2013)
- AfriSam operations (2016)
- Passenger Rail Agency of South Africa (PRASA) (2016)
- Nokeng Mine (2017)
- Thabazimbi Iron Ore Mine (2018)
- Anglo American Isibonelo Colliery (2020)
- Teno Trading Enterprise – Kriel Power Station (2021)
- North Block Colliery (2023)
- Seriti New Largo (2023)
- Thungela Goedehoop Colliery (2024)
- Exxaro Grootegeluk (2025)

Key responsibilities:

Rehabilitation monitoring using the Landscape Function Analysis. Services include:

- Evaluate how well a landscape works as a biophysical system using the Landscape Function Analysis (LFA) methodology.

Clients:

- Thabazimbi Iron Ore Mine (2019 – 2021)

Key responsibilities:

Habitat Analysis for *Tragelaphus angasii* (Nyala)

- Habitat analysis done for Rooifontein Game Farm, 10 ecotopes were identified through spatial analysis, by delineating the project area's soil types and characteristics, vegetation, geology, water drainage patterns, water resources, slope characteristics, general topography, and climatic data.

Clients:

- Rooifontein Wildlife Club (2022)





Declaration of Content

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experience, and me.

A handwritten signature in black ink, appearing to read 'Lee-Anne Fellowes', positioned above a horizontal line.

Lee-Anne Fellowes

Date: 20 March 2026

EAPASA: 2019/850

Pr.Sci.Nat: 115574



**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2019/850

Herewith certifies that
LEE-ANNE FELLOWES (MEIRING)
is registered as an
Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 April 2026

Expires: 31 March 2027

Chairperson

Registrar





herewith certifies that

Lee-Anne Fellowes

Registration Number: 115574

is a registered scientist

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

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

Conservation Science (Professional Natural Scientist)

Effective **25 May 2016**

Expires **31 March 2026**



A handwritten signature in black ink, appearing to read 'S. Neph'.

Chairperson

A handwritten signature in black ink, appearing to read 'N. Maseko'.

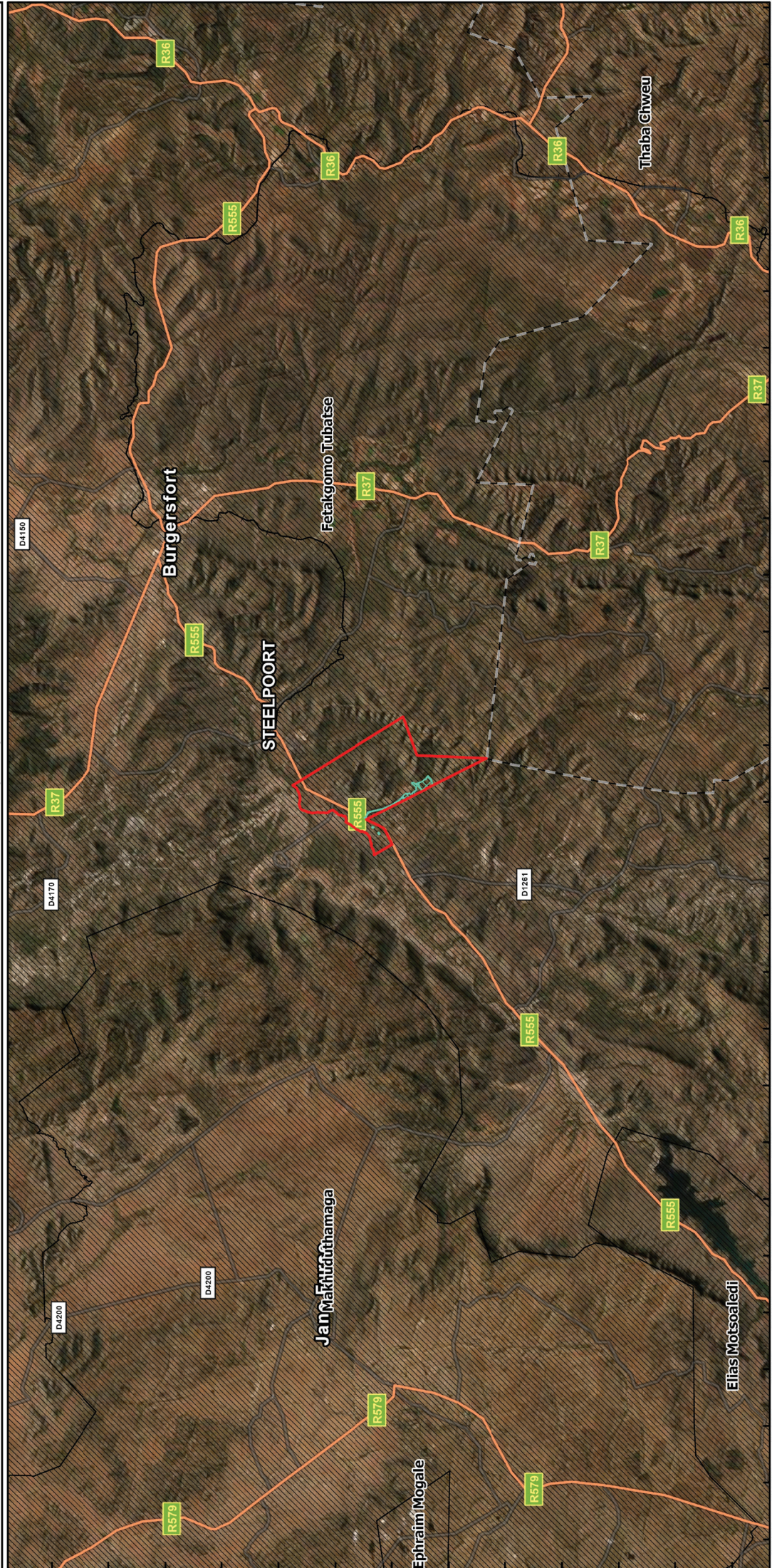
Chief Executive Officer



APPENDIX 3
LOCALITY MAP

Southern Sphere Platinum (Pty) Ltd - Steelpoort Project

Locality Map



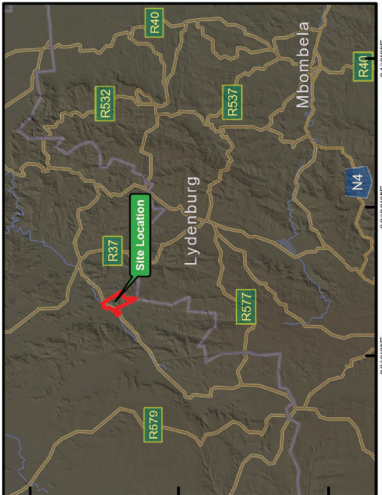
0 4.7 9.4
Kilometers

Date: 09/01/2026
 Created By: W. Faber
 Projection: Transverse Mercator
 Datum: WGS 1984
 Scale: 1:250 000
 Signature:

SHANGONI
 Management Services (Pty) Ltd

Legend

- Environmental Area
- Excluded Area
- Local Municipalities



APPENDIX 4
EXISTING AUTHORISATIONS

Lloyd Christie
0822102159
no answer

REGISTERED IN THE MINERAL & PETROLEUM TITLES
REGISTRATION OFFICE: PRETORIA

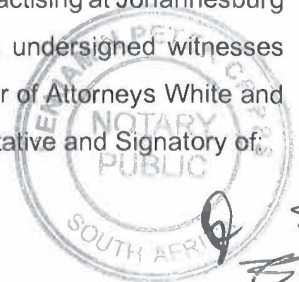
In the register of Cessions
On the 22nd day of September 25
Under MPT No.: 22/2025
pp DIRECTOR-GENERAL: MINERAL RESOURCES

PROTOCOL NO. 04/2025

NOTARIAL DEED OF CESSION (OF MINING RIGHT)

BE IT HEREBY MADE KNOWN:

That on this the 2nd day of September in the year Two Thousand and Twenty-Five (2025) before me, **BENJAMIN PETER CRIPPS**, Notary Public, duly admitted and sworn, residing and practising at Johannesburg in the Province of Gauteng, Republic of South Africa, and in the presence of the undersigned witnesses personally came and appeared **LLOYD CHRISTIE**, in his capacity as a Local Partner of Attorneys White and Case SA Inc of Sandton and as such in his capacity as the duly authorised representative and Signatory of:



S.D.
B. MW

1. **PLATMIN SOUTH AFRICA PROPRIETARY LIMITED**

(Registration No. 2000/002572/07)

(hereinafter together with its successors in title and assigns referred to as "***the Cedent***"),

being duly authorised thereto under and by virtue of a special power of attorney passed on 28 August 2025;

AND

2. **SOUTHERN SPHERE PLATINUM PROPRIETARY LIMITED**

(Registration No. 1970/014926/07)

(hereinafter together with its successors in title and assigns referred to as "***the Cessionary***"),

being duly authorised thereto under and by virtue of a special power of attorney, passed on 11 September 2025;

certified copies of the special powers of attorney have today been exhibited to me the Notary, and reside in my Protocol with the minute hereof.

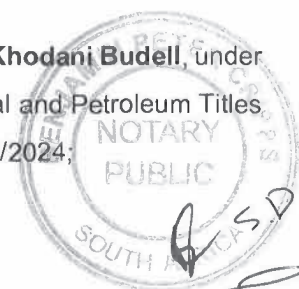
AND THE APPEARERS DECLARED THAT:

WHEREAS:

- A. The Cedent hereby cedes to the Cessionary the undermentioned mining right granted in terms of section 23 of the Mineral and Petroleum Resources Development Act 28 of 2002 ("**MPRDA**"), namely:

Mining Right (LP 30/5/2/2/1/281 MR) granted, and:

- notarially executed on 17 April 2019, before Notary Public, **Mrs Teuni Erasmus**, under her protocol No. 643/2019 at Pretoria and registered in the Mineral and Petroleum Titles Registration Office, Pretoria on 8 December 2020 under MPT No. 28/2020; and
- notarially executed on 18 January 2023, before Notary Public, **Mr Khodani Budell**, under his protocol No. 6/2024 at Polokwane and registered in the Mineral and Petroleum Titles Registration Office, Pretoria on 14 March 2024 under MPT NO. 10/2024;



whereby the Cedent was granted the sole and exclusive right by the State to mine for All Minerals (excluding Chrome) in, on and the farm Grootboom 336 KT, Lydenburg Magisterial District, Limpopo Province.

in extent 1995.9311 (one thousand nine hundred and ninety five comma nine three one one) hectares in the magisterial district of Lydenburg, Limpopo;

as will more fully appear from the plan attached to the mining right;

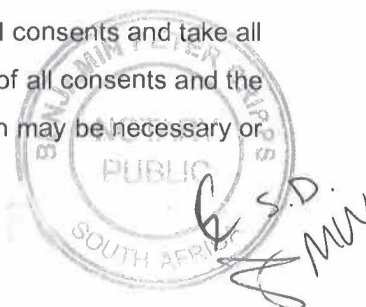
(the mining right above being hereinafter referred to as "***the Mining Right***").

- B. The Cedent has, in terms of an agreement entered into with, *inter alia*, the Cessionary (the "**Agreement**"), *inter alia* agreed to cede, assign, transfer and make over the Mining Right to the Cessionary.
- C. In terms of the Agreement, the Cedent, *inter alia*, wishes to cede and assign its rights and obligations under the Mining Right to the Cessionary.
- D. The Minister of Mineral Resources consented in terms of section 11 of the MPRDA to the cession herein contained on 28 July 2025 (Ref. No. LP00101 MR/11).

NOW THEREFORE THESE PRESENTS WITNESS:

1. CESSION AND ASSIGNMENT

- 1.1. Subject to clause 2.1, the Cedent hereby cedes, assigns, transfers and makes over all of its rights and obligations under the Mining Right to the Cessionary.
- 1.2. The Cessionary hereby accepts the cession and assignment referred to in clause 1.1 above.
- 1.3. It is recorded that the cause for this cession is the Agreement referred to in preamble B above, it being recorded that as the Cessionary will assume legal responsibility for the discharge of the obligations and liabilities of the Cedent under the Mining Right and in so doing will assume all risks in connection with the Mining Right.
- 1.4. The following conditions shall operate as between the Cedent and the Cessionary in regard to the cession herein contained:
 - 1.4.1. The parties undertake at all times to do all things, grant all consents and take all steps, and to procure the doing of all things, the granting of all consents and the taking of all steps, as can be done and granted, and which may be necessary or



incidental to implement and maintain the provisions and conditions and content of this Notarial Deed of Cession.

2. RISK, BENEFIT, OWNERSHIP

- 2.1. The risk in, benefit, and ownership, of the Mining Right shall be deemed to have passed to the Cessionary on the date of registration of this Notarial Deed of Cession in accordance with the Mining Titles Registration Act, 1967.
- 2.2. With effect from the date of registration contemplated in clause 2.1, the Cessionary shall be liable for payment of the royalty fees payable in respect of the Mining Right and for the compliance with all work commitments and other obligations relating to the Mining Right including but not limited to those in the mining work programme and environmental management programme relating thereto, shall refund to the Cedent all such fees and expenditures incurred by the Cedent beyond that date, and hereby indemnifies and holds harmless the Cedent in respect of all liabilities and obligations beyond that date.

3. REGISTRATION

- 3.1. Registration of this Notarial Deed of Cession at the Mineral and Petroleum Titles Registration Office, Pretoria, shall be effected by the Cessionary's attorneys and shall in accordance with section 11(4) of the MPRDA be lodged for such registration within 60 (sixty) days from the date of notarial execution hereof.
- 3.2. Each of the parties undertakes, on request from the Cessionary's attorneys, to sign all such documents, to deliver all such documents of title and all such other documents and to take all such steps as they may respectively be called upon to do and which the Cessionary's attorneys may reasonably require to effect registration of this Notarial Deed of Cession.
- 3.3. The Cedent undertakes to sign all documents which may be necessary for the registration of this Notarial Deed of Cession.

4. COSTS

The costs of this Notarial Deed of Cession and the registration thereof in accordance with the Mining Titles Registration Act, 1967 shall be borne and paid by the Cessionary.

5. CONSIDERATION

- 5.1. It is recorded that consideration in the amount of R39 900 000.00 (Thirty-nine million nine hundred thousand rand) is payable by the Cessionary to the Cedent for the cession of the Cessionary's right, title and interest in and to the Mining Right.



6. DOMICILIUM

6.1. Clause 20 of the Mining Right shall apply *mutatis mutandis* to this cession.

6.2. For purposes of this cession and for purposes of the Mining Right the Cedent chooses the following address as its *domicilium citandi et executandi* as contemplated in the Mining Right:

6.2.1. Cedent: Platmin South Africa Proprietary Limited

Physical Address	Postal Address
Farm Tuschenkomst 135 JP	Private Bag X11
Road P 50-1	Highveld
Saulspoort	Pretoria
North West, 0318	Gauteng, 0067

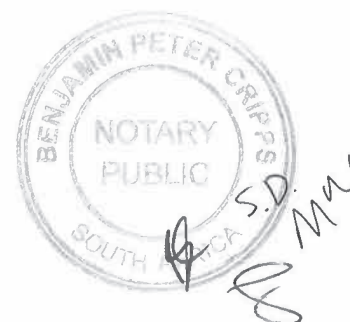
6.3. For purposes of this cession and for purposes of the Mining Right the Cessionary chooses the following address as its *domicilium citandi et executandi* as contemplated in the Mining Right:

6.3.1. Cessionary: Southern Sphere Platinum Proprietary Limited

Physical Address	Postal Address
1st Floor, 23 Ninth Street Melrose Estate, Johannesburg, 2198, Johannesburg	1st Floor, 23 Ninth Street Melrose Estate, Johannesburg, 2198, Johannesburg

6.4. The Cessionary shall forthwith after Notarial execution of this Notarial Deed of Cession and with effect from the Signature Date defined in the said Agreement as referred to in preamble B above, give written notice to the Minister of Mineral and Petroleum Resources of the Cessionary's abovementioned address for purposes of and in terms of Clause 18 of the Mining Right, and shall furnish a copy of such notice simultaneously to the Cedent.

(SIGNATURE PAGE TO FOLLOW)



THUS DONE AND EXECUTED at SANDTON on the day and in the month and year hereinbefore written in the presence of the undersigned witnesses.

AS WITNESS:

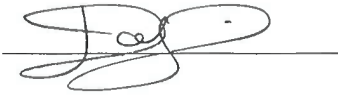
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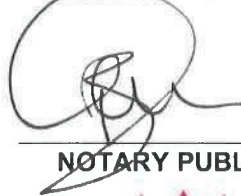
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(2)



QUOD ATTESTOR



NOTARY PUBLIC





DEPARTMENT: MINERAL RESOURCES
REPUBLIC OF SOUTH AFRICA

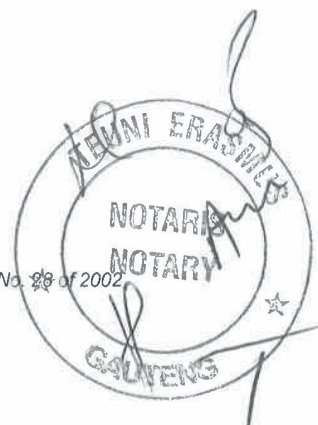
MINING RIGHT

Granted in terms of section 23(1) of the Mineral and Petroleum Resources Development Act, 2002
(Act No. 28 of 2002)



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Ceded in favour of Southern Sphere
Platinum (Pty) Ltd
 Registration No: 19.70/014.926/07...
 MPT No: 22/2025

pp Director-General: Mineral Resources
 Date: 22/09/2025

REGISTERED IN THE MINERAL & PETROLEUM TITLES
 REGISTRATION OFFICE: PRETORIA

In the register of Mining Right
 On the 8th day of DECEMBER 2020
 Under MPT No. 28/2020

pp DIRECTOR-GENERAL: MINERAL RESOURCES

This right is renewed for a period of 30 years

Commencing from 26-07-2023 and ending on

25-07-2053

Renewal registered under MPT No. 10/2024

On the 14th day of MARCH 2024

pp DIRECTOR-GENERAL: MINERAL RESOURCES

Protocol No: 643 /2019

File Ref No LP 30/5/2/21/281MR

Application No

LET IT HEREBY BE MADE KNOWN:

THAT on this 17TH day of **April** in the year **2019**, before me, **Mrs Teuni Erasmus** a Notary Public, duly sworn and admitted, residing and practising at **Pretoria**, in the **Gauteng** Province of South Africa, and in the presence of the subscribing competent witnesses, personally came and appeared:

Azwihangwisi Mulaudzi, Regional Manager, **Limpopo** Region of the Department of Mineral Resources, and as such in his / her capacity as the duly authorised representative of:

THE MINISTER OF MINERAL RESOURCES

The said Regional Manager, being duly authorised thereto under and by virtue of a Power of Attorney granted by the **Minister** of the Department of Mineral Resources on the 21st day of **October** in the year **2008** in terms of the powers delegated by the Minister on the 12th day of May 2004 in terms of section 103 (1) of the Act,



AND

Mr Carel Hendrik Buitendag in his/her personal capacity or as the company's Director or as a Close Corporations Member, and as such, the duly authorised representative of Platin South Africa (Pty) Ltd (Previously Known as Boynton Investments (Pty) Ltd, Identification/ Registration number:

2	0	0	0	/	0	0	2	5	7	2	/	0	7	
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(Hereinafter together with his/her/its successors in title and assigns referred to as "the Holder", he/she, the said representative, being duly authorised thereto under and by virtue of a power of attorney/resolution of directors/members of the Holder, signed or passed at Centurion on the 30th day of August in the year 2018 which power of attorney or a certified copy of a resolution has this day been exhibited to me, the notary, and remain filed of record in my protocol with the minutes hereof.)

AND THE MINISTER AND HOLDER DECLARED THAT:

WHEREAS The State is the custodian of the Nation's mineral and petroleum resources in terms of section 3 of the Act.

AND WHEREAS The Holder has applied for a mining right in terms of section 22 of the Act,

AND WHEREAS The **DIRECTOR-GENERAL** of the Department of Mineral Resources has by virtue of powers delegated to him, granted to the Holder, a mining right in terms of section 23(1) of the Act.

NOW THEREFORE THE MINISTER GRANTS A MINING RIGHT SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:



Definitions

In this mining right, the following words and expressions shall have the meanings assigned to them:

'Act' means the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) and includes the Regulations, guidelines, circulars, directives and orders made in terms of that Act;

'Effective date' means **21st** day of **October** in the year **2008** (being the date on which the environmental management programme is approved in terms of section 39(4) of the Act);

'Environmental Management Programme' is as defined in the Act and includes any other Environmental Management Programme approved in terms of the previous mining legislation;

'Financial year' means a complete financial year of the Holder which, at the time of the granting of this mining right, commences on **1st** day of **March** in the year **2019**; and ends on **28th** day of **February** in the year **2020**;

'Holder' is as defined in the Act, and specifically in relation to this right, it means **Platmin South Africa (pty) Ltd(Previously Boynton Investments (Pty) Ltd)**, Registration No/Identification No **200000257207**;

'Mineral' is as defined in the Act, and specifically in relation to this right means **All Minerals (Excluding Chrome)**;

'Mining Area' is as defined in the Act and includes any additional area of environmental liability as may be reflected on the Environmental Management Programme relating to this right;

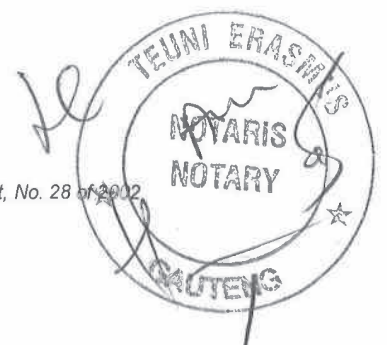
'Mining right' is as defined in the Act and includes all the Annexures to it, agreements and inclusions by reference;

'Mining Work Programme' is as defined in the Act and as reflected in the attached **Annexure A** to this mining right;

'Minister' means the Minister of Mineral Resources and includes the successors in title, the assignee or any person duly authorised to act in the Minister's place and stead;

'Regional Manager' is as defined in the Act and specifically in relation to this right means the Regional Manager for the **Limpopo** Region of the Department of Mineral Resources; and

'Social and Labour Plan', is as contemplated in regulation 46 of the Regulations to the Act and is as reflected in the attached **Annexure B** to this mining right.



1. Description of the Mining Area

The Mining Area shall comprise the following:

Certain: **Grootboom 336 KT.**

Situated: **Lydenburg Magisterial/Administrative District of Lydenburg**

Measuring: **1995,9311 hectares in extent.**

(In the case of various farms being involved, a list can be attached and referred to as **Annexure**);

Which Mining Area is described in detail on the attached Diagram/plan marked **Annexure** .

2. Granting of Mining Right

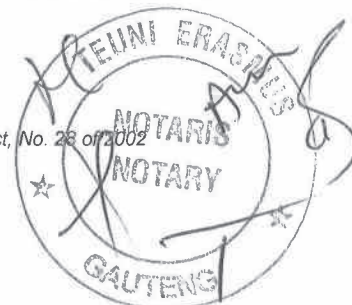
Without detracting from the provisions of sections 5 and 25 of the Act, the Minister grants to the Holder the sole and exclusive right to mine, and recover the mineral/s in, on and under the mining area for the Holder's own benefit and account, and to deal with, remove and sell or otherwise dispose of the mineral/s, subject to the terms and conditions of this mining right, the provisions of the Act and any other relevant law in force for the duration of this right.

3. Commencement, Duration and Renewal

- 3.1. This mining right shall commence on **21st October 2008** and, unless cancelled or suspended in terms of this clause 13 of this right and or section 47 of the Act, will continue to be in force for a period of **12 years ending on 20th October 2020**.
- 3.2. The Holder must commence with the mining operations within a year from the date on which the mining right becomes effective in terms of section 23 (5) of the Act, or any later date as may, upon a written request by the Holder, be authorised in writing by the Minister in terms of the Act, failing which this right may be cancelled or suspended.
- 3.3. Any application for renewal must be submitted to the Regional Manger not later than 60 working days prior to the date of expiry of this right.

4. Amendments, Variation and Abandonment

- 4.1. The terms of this right (including by extension of the area covered by it or by the addition of minerals or a share or shares or seams, mineralized bodies, or strata, which are not at the time the subject thereof) may not be amended or varied without the written consent of the Minister.
- 4.2. The Holder shall be entitled to abandon or relinquish the right or the area covered by the right entirely or in part. Upon abandonment or relinquishment of the mining area or any portion thereof, the Holder must:



- 4.2.1. Furnish the Regional Manager with all prospecting and /or mining results and/or information, as well as the general evaluation of the geological, geophysical and borehole data in respect of such abandoned area in so far as it applies to the mineral or any other mineral/s obtained in respect of this right and,
- 4.2.2. Apply for a closure certificate in terms of section 43 (3) of the Act.
- 4.3 With effect from the date the Holder has abandoned or relinquished a portion or portions of the mining area, and subject to section 43 of the Act, the Minister is entitled to grant any right, permit, or permission referred to in the Act in, on, or under the portion/s, so abandoned or relinquished, to any person/s.

5. Payment of Royalties

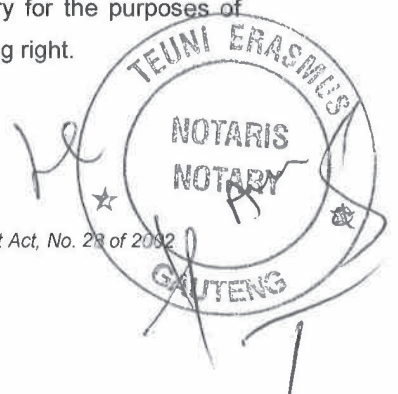
- 5.1. The Holder shall as contemplated in section 25 (2) (g) pay to the State throughout the duration of this mining right, royalties payable in terms of any Act or Amendment to an Act of Parliament implemented.

6. Payment of Interest

If mining fees, any fees, any levy, royalties or consideration referred to in clause 5 are not paid punctually, the Holder shall be in mora and shall pay interest thereon at the rate prescribed in terms of section 80 of the Public Finance Management Act, 1999(Act 1 of 1999) reckoned from the date on which payment is due and payable, to the date of actual payment.

7. Restrictions and Obligations Imposed on the Holder

- 7.1 The Holder is entitled to the rights referred to in section 5(2), (3) and section 25 of the Act, and such other rights as may be contained in this mining right or such other right as may be granted to, acquired by or conferred upon the Holder by any other applicable law.
- 7.2 Mining operations in the mining area must be conducted in accordance with the Mining Work Programme and any amendment to such Mining Work Programme and an approved Environmental Management Plan.
- 7.3 The Holder shall not trespass or enter into any homestead, house or its curtilage nor interfere with or prejudice the interests of the occupiers and/or owners of the surface of the Mining Area except to the extent to which such interference or prejudice is necessary for the purposes of enabling the Holder to properly exercise the Holder's rights under this mining right.



8. Conditions on disposal of Minerals and/ or Products Derived from Mining

It is a condition of the granting of this mining right that the Holder shall dispose of all minerals and/ or products derived from the exploitation of the mineral at competitive market prices which shall mean in all cases, non-discriminatory prices or non-export parity prices. If the minerals are sold to any entity, which is an affiliate or non-affiliated agent or subsidiary of the Holder, or is directly or indirectly controlled by the Holder, such purchaser must unconditionally undertake in writing to dispose of the minerals and any products produced from the minerals, at competitive market prices.

9. Mortgage, Cession, Transfer, Alienation

9.1 This mining right, a shareholding, an equity, an interest or participation in the right or joint venture, or a controlling interest in a company, close corporation or joint venture, may not be encumbered, ceded, transferred, mortgaged, let, sublet, assigned, alienated or otherwise disposed of without the written consent of the Minister, except in the case of a change of controlling interest in listed companies.

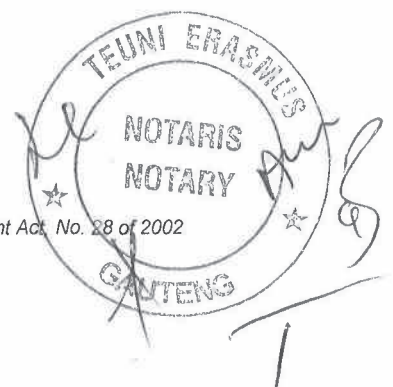
9.2 Any transfer, encumbrance, cession, letting, sub-letting, assignment, alienation or disposal of this right or any interest therein or any share or any interest in the Holder, without the consent of the Minister referred to in section 11(1) is of no force, no effect and is invalid.

10. Protection of Boreholes, Shafts, Edits and Openings.

All boreholes, shafts, edits, excavations, and openings sunk or made, by the Holder during the currency of this mining right shall be sealed, closed, fenced, made safe by the Holder in accordance with the approved Environmental Management Programme, the Mine Health and Safety Act, 1996 or any other applicable laws and Regulations.

11. Holder's liability for payment of Compensation for Loss or Damage

11.1. Subject to section 43 of the Act, the Holder shall, during the tenure of this right while carrying out the mining operations under this right, take all such necessary and reasonable steps to adequately safeguard and protect the environment, the mining area and any person/s using or entitled to use the surface of the mining area from any possible damage or injury associated with any activities on the mining area.



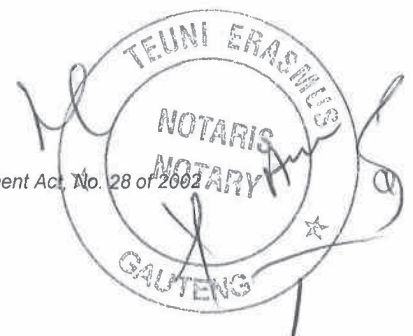
- 11.2. Should the holder fail to take reasonable steps referred to above, and to the extent that there is legal liability, the holder shall compensate such person or persons for any damage or losses, including but not limited to damage to the surface, to any crops or improvements, which such person or persons may suffer as a result of, arising from or in connection with the exercise of his/her rights under this mining right or of any act or omission in connection therewith.

12. Inspection of Mining Area

The Minister and/or any person duly authorised thereto in writing by the Minister shall be entitled to inspect the mining area, the Holder's mining operations and the execution of the approved Environmental Management Programme on the Mining Area as provided for in the Act, and any instruction conveyed in writing by the Minister to the Holder requiring the proper performance by the Holder of the Holder's obligations under this mining right shall be put into effect by the Holder in terms of the Act.

13. Cancellation or Suspension

- 13.1 Subject to section 47 of the Act, this mining right may be cancelled or suspended if the Holder:
- 13.1.1 Submits inaccurate, incorrect and or misleading information in connection with any matter required to be submitted under the Act;
 - 13.1.2 Fails to honour or carry out any agreement, arrangement, or undertaking, including the undertaking made by the Holder in terms of the Broad Based Socio Economic Empowerment Charter and Social and Labour plan, on which the Minister relied for the granting of this right;
 - 13.1.3 Breaches any material term and condition of this mining right;
 - 13.1.4 Conducts mining operations in contravention of the provisions of the Act;
 - 13.1.5 Contravenes the requirement of the approved Environmental Management Programme; or
 - 13.1.6 Contravenes any provisions of this Act in any other manner.
- 13.2 Before the Minister cancels or suspends this right, the Minister shall:
- 13.2.1 Give written notice to the Holder indicating the intention to suspend or cancel this right;
 - 13.2.2 Give reason/s why the Minister is considering the suspension or cancellation of this right;
 - 13.2.3 Give the Holder 30 days to show reasons why the right should not be suspended or cancelled;
 - 13.2.4 Notify, the mortgagee [if any], of the intention to suspend or cancel this right; and
 - 13.2.5 Direct the Holder, where it is possible to remedy any contravention, breach or failure, to comply or to take such specified measures to remedy any contravention, breach or failure to comply.
- 13.3 If the Holder does not take the measures as specified by the Minister to remedy a contravention, breach or failure, the Minister may cancel or suspend this right after considering representations made by the Holder in terms of clause 13.2.3.



14. Records and Returns

- 14.1. The Holder shall maintain all such books, plans and records in regard to mining on the Mining Area as may be required by the Act and shall furnish to the office of the Regional Manager such reports and documents as may be relevant under this right.
- 14.2. The Holder shall furnish to the Regional Manager all such monthly returns contemplated in section 28 (2) A of the Act not later than the 15th day of the month following the month in respect of which it was reported.
- 14.3. The Holder shall furthermore at the end of each year following commencement of this mining right, inform the Regional Manager in writing of any new developments and of the future mining activities planned in connection with the exploitation/mining of the minerals on the Mining Area.

15. Minister's liability for Compensation

The Minister shall not at any time be liable or responsible for the payment of compensation of whatever nature to the Holder, the Holder's successors-in-title or assignee, or any person whomsoever as a result of the granting of this right.

16. Compliance with the Laws of the Republic

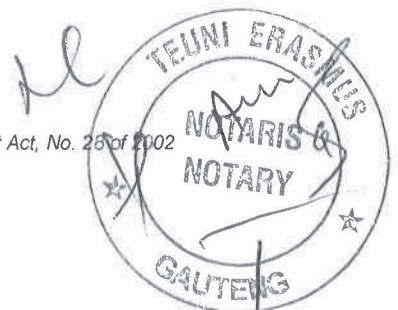
The granting of this Right, does not exempt the Holder and its successors in title and/or assigns from complying with the relevant provisions of the Mine Health and Safety Act, (Act No.29 of 1996) and any other law in force in the Republic of South Africa.

17. Provisions relating to section 2(d) and (f) of the Act

In the furthering of the objects of this Act, the Holder is bound by the provisions of an agreement or arrangement dated _____ entered into between the Holder/ empowering partner and 26%. (the empowerment partner) which agreement or arrangement was taken into consideration for purposes of compliance with the requirements of the Act and or Broad Based Economic Empowerment Charter developed in terms of the Act and such agreement shall form part of this right.

18. Social and Labour Plan

- 18.1 The holder must annually, not later than three months before the end of its financial year, submit detailed implementation plan to give effect to Regulation 46(e)(i),(ii)and (iii) in line with the Social and Labour Plan.



- 18.2 The holder must annually, not later than three months after finalisation of its audited annual report, submit a detailed report on the implementation of the previous year's social and labour plan.

19. Severability

Notwithstanding anything to the contrary, any provision of this mining right which is contrary to any provision of the Act or which is otherwise ultra vires, null and void, voidable, or unenforceable, shall be severable from the rest of this right, such rest thus being and remaining of full force, effect and enforceable.

20. Domicilia citandi et executandi

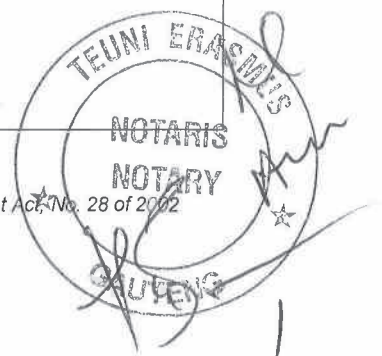
- 20.1. The parties hereto choose the following addresses as their *domicilia citandi et executandi* and for all purposes arising from this mining right, in particular for the purposes of serving of any notice in terms of this mining right, and any notice properly addressed to the under mentioned postal addresses of the parties shall be deemed to have been received by the addressee within 14 days if given in writing and posted by prepaid registered post addressed to the addressee at the relevant postal address:

- 20.1.1. In the case of the Minister:

Physical Address	Postal Address
101 Dorp Street Polokwane Code 0699 Tel 015 287 4700 Fax 015 287 4729	Private Bag 9467 Polokwane 0700 015 287 4700 015 287 47 29

- 20.1.2. In the case of the Holder:

Physical Address	Postal Address
6 Eco Fusion Witch-Hazel Venue Highveld Park Code 0157 Tel 012 661 4280 Fax 012 661 4139	Private Bag x 11 Highveld 0067 012 661 4280 012 661 4139



- 20.2. Notwithstanding anything to the contrary herein contained, a written notice or communication actually received by a party at any place other than the chosen *domicilia citandi et executandi* shall constitute adequate notice or communication to the party notwithstanding that it was not sent to or delivered at such party's chosen *domicilium citandi et executandi*.
- 20.3. Either party shall be entitled from time to time to change the *domicilia citandi et executandi* or postal address furnished above after giving at least 14 days prior written notice of such change to the other party, failing which the above mentioned addresses will remain in force.
- 20.4. Any written notice or communication contemplated in this clause which is forwarded by one party to the other by registered post will be presumed to have been received by the addressee on the fourteenth day following the date of posting from an address within the Republic of South Africa to the addressee at the postal address of the addressee for the time being as determined in accordance with the provisions of this clause.

21. Costs

The Holder shall pay all costs and charges incurred in connection with the execution and registration of this prospecting right.

Thus done and signed at **Polokwane** on the **17th** day of **April** in the year **2019** in the presence of the undersigned witnesses:

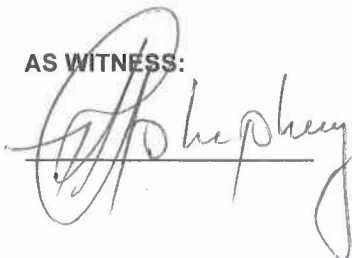
AS WITNESS:

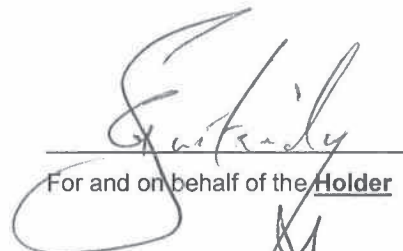




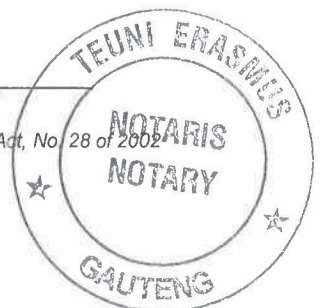
For and on behalf of the **Minister**

AS WITNESS:



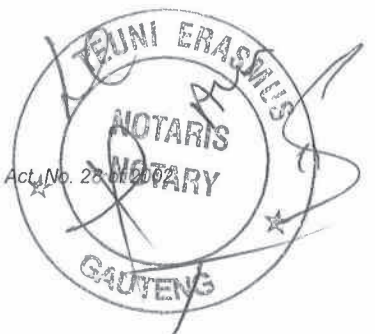


For and on behalf of the **Holder**



Notary Public

[Two large, curved, handwritten lines, likely a signature or scribble.]



PLAN PREPARED IN ACCORDANCE WITH
REGULATION 42 OF THE REGULATIONS
PUBLISHED UNDER MINING TITLES REGISTRATION ACT
(ACT 16 OF 1967)

MPUMALANGA
LIMPOPO

Description of land under application
for a Prospecting Right

The Figure **G01 - G18**

represents **1995,9311** Hectares of land

being **THE FARM**

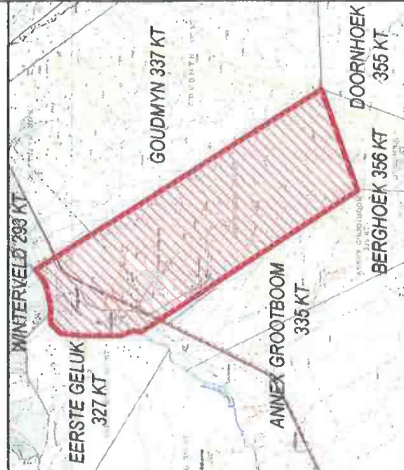
GROOTBOOM No. 336 - KT

Magisterial District: **LYDENBURG**

MINERALS : ALL MINERALS
(Excluding Chrome)

KEY PLAN

NOT TO SCALE



PLAN APPROVED:

GMA Munda **LIMPOPO**

Regional Manager

Department of Minerals & Energy

Date **17/04/2019**

APPLICANT

Signature

ANTON INVESTMENTS (Pty) LTD

Reg. No: **2000/002572/07**

Signed at **Tshwane** Date: **2010/12/21**

PROFESSIONAL LAND SURVEYOR

25/11/2008

Date:

F JILOOCK

PLS 1096



SCALE 1 : 50 000

GOUDMYN 337 KT

REMAINDER

GROOTBOOM 336 KT

REMAINDER

ANNEX GROOTBOOM 335 KT

PORTION 6

DOORNHOK 355 KT

REMAINDER
BERGHOK 356 KT

CO-ORDINATES			
POINT	Lo 29 (WGS84)	Y	X
G01	-84705.88	-2738252.00	
G02	-84490.06	-2738200.00	
G03	-84196.13	-2738237.30	
G04	-84021.61	-2738219.30	
G05	-83778.82	-2738128.30	
G06	-83579.96	-2738017.60	
G07	-83429.64	-2737857.40	
G08	-83061.32	-2738402.30	
G09	-79214.91	-2744985.30	
G10	-81338.93	-2745881.00	
G11	-84253.77	-2741130.40	
G12	-84838.06	-2740491.00	
G13	-84191.33	-2740362.00	
G14	-84844.21	-2740012.70	
G15	-84950.92	-2739815.90	
G16	-84950.99	-2739033.40	
G17	-84816.99	-2738783.60	
G18	-84384.95	-2738590.20	

GAUTENG

REGISTERED IN THE MINERAL & PETROLEUM TITLES
REGISTRATION OFFICE: PRETORIA

In the register of Mining Right

On the 28 day of SEPTEMBER 2020

Under MPT No.: 282020

PP DIRECTOR-GENERAL: MINERAL RESOURCES

[Signature]

[Signature] 24/12/20
RECEIVED
MINERAL RESOURCES
24/12/20

Lloyd Christie
082 210 2159
2 P10190MR

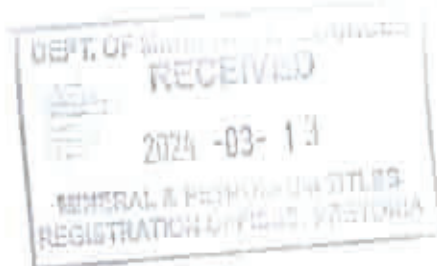
DMR 43



DEPARTMENT: MINERAL RESOURCES
REPUBLIC OF SOUTH AFRICA

RENEWAL OF A MINING RIGHT

Granted in terms of section 24(3) of the Mineral and Petroleum Resources Development Act,
2002
(Act No. 28 of 2002)



K

MBS
Am
K.I

In the register of Renewals
 On the 14th day of MARCH 24
 Under MPT No. 10/2024
 pp DIRECTOR-GENERAL: MINERAL RESOURCES

Protocol No: 6 /2024
 File Ref No 10190 MR
 Application No

NOTARIAL DEED OF RENEWAL OF A MINING RIGHT

BE IT HEREBY MADE KNOWN:

That on this the **18** day of **January** in the year **2024**, before me, **Mr Khodani Budeli** Notary Public, duly sworn and admitted, residing and practising at **Polokwane**, in the **Limpopo** Province of South Africa, and in the presence of the undersigned witnesses personally came and appeared:

Azwihangwisi Mulaudzi, Regional Manager, Limpopo Region of the Department of Mineral Resources, and as such in his/her capacity as the duly representative of:

THE MINISTER OF MINERAL RESOURCES

The said Regional Manager, being duly authorised thereto under and by virtue of a Power of Attorney granted by the Director-General or Deputy Director-General: Mineral Regulation of the Department of Mineral Resources on the **26** day of **July** in the year **2023** in terms of the powers delegated by the Minister in terms of section 103 (1) of the Mineral and Petroleum Resources Development Act, No 28 of 2002 ("the Act"),

AND

Renewal Mining Right: Granted in terms of section 24(3) of the Mineral and Petroleum Resources Development Act No 28 of 2002



Bg
Am
KI

Mr Willem Hagen in his/her personal capacity or as the company's Representative or as a Close Corporation Member, and as such, the duly authorised representative of Platmin South Africa (Pty) Ltd, Identification/Registration number:

2	0	0	0	/	0	0	2	5	7	2	/	0	7	
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(hereinafter together with his/her/its successors in title and assigns referred to as "the Holder") he/she, the said representative, being duly authorised thereto under and by virtue of a Power of Attorney/resolution of directors/members of the Holder, signed or passed at Irene on the 07th day of September in the year 2022, which power of attorney or certified copy of the resolution has this day been exhibited to me, the notary, and remain filed on record in my protocol with the minutes hereof.

THE MINISTER AND THE HOLDER DECLARED THAT:

- WHEREAS** The State is the custodian of the nation's mineral and petroleum resources in terms of section 3 of the Act,
- AND WHEREAS** In terms of clause 3 of the mining right the holder must submit an application for renewal to the office of the Regional Manager not later than 60 working days prior to the expiry of the said right,
- AND WHEREAS** The said mining right expires on 20 October 2020,
- AND WHEREAS** The Holder has applied for the renewal of the right on 27 July 2020,
- AND WHEREAS** The above-mentioned application for renewal was approved by the Minister on the 26 day of July in the 2023, subject to the same terms and conditions as contained in the principal right

NOW THEREFORE THESE PRESENTS:

Renewal Mining Right: Granted in terms of section 24(3) of the Mineral and Petroleum Resources Development Act No 28 of 2002



BG
 M. Am
 K.I

The Minister grants the renewal of the mining right executed on 21 day of October in the year 2008, under Protocol 643/2019, registered at the Mineral and Petroleum Titles Registration Office under MPT:28/2020, in respect of

Certain: Grootboom 336 KT
 Situated: Lydenburg Magisterial/Administrative District of Lydenburg
 Measuring: 1995.9311 hectares.

(In case of various farms being involved, a list must be attached and referred to as Annexure____).

Is hereby renewed for a further period of 30 (Thirty) years, commencing on 26 July 2023 and, unless cancelled or suspended in terms of section 47 of the Act, ending on 25 July 2053.

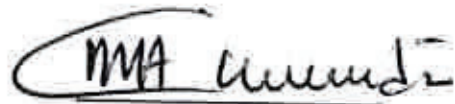


Thus done and signed at Polokwane on the 18 day of January in the year 2023 in the presence of the undersigned witnesses:

Renewal Mining Right: Granted in terms of section 24(3) of the Mineral and Petroleum Resources Development Act No 28 of 2002

Handwritten signatures and initials: BG, Am, K, KI.

AS WITNESS:

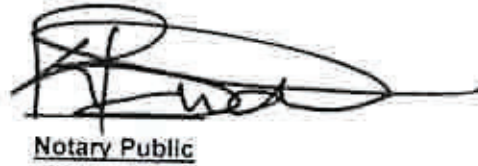



For and on behalf of the
Minister

AS WITNESS:




For and on behalf of the
Holder



Notary Public






mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Received by: Terry Mashau

Date: 27/05/2019

Cell 063 505 4522

FILE NO

CASTLEDEX



F10446862

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4700, Fax: 015 297 7230
DMR Building, 101 Dorp Street, Polokwane, 0699

Enquiries: M.M. Sathekge Ref No: LP 30/5/1/2/3/2/1(0180) EM
E-mail address: Mapula.Sathekge@dmr.gov.za
Sub-directorate: Mine Environmental Management



REGISTERED MAIL

The Director(s)
Boynton Investments (Pty) Ltd
Private Bag X11
CENTURION
0067

Attention: Terry Holohan

E-mail: admin@boyntonplatinum.com

APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PROGRAMME (EMPR) FOR A MINING RIGHT IN TERMS OF SECTION 39 (4) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) IN RESPECT OF THE FARM GROOTBOOM 336 KT, SITUATED IN THE MAGISTERIAL DISTRICT OF FETAKGOMO- TUBATSE LOCAL MUNICIPALITY: LIMPOPO REGION.

The above mentioned Environmental Management Programme, that has been signed by the Regional Manager: Mineral Regulation and Administration- Limpopo Region, is hereby approved in terms of Section 39 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), and is applicable to the mining area as depicted, subject to the following conditions:

1. SCOPE OF APPROVAL

- 1.1. The holder of the approval shall be responsible for ensuring compliance with the conditions contained in the approval. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant or any person rendering a service to the holder of the approval letter.
- 1.2. Any changes to, or deviation from the project description set out in this approval letter must be approved in writing by this Department before such changes or deviation may be effected. In assessing whether to grant such approval or not, the Department may request such information as is deems necessary to evaluate the significance and impacts of such changes or deviation and it may be necessary for the holder of the approval to apply for further authorisation in terms of the EIA Regulations.
- 1.3. The activities, which are authorised, may only be carried out at the property (ies) indicated on the approved EMPr.

GROOTBOOM

336 KT

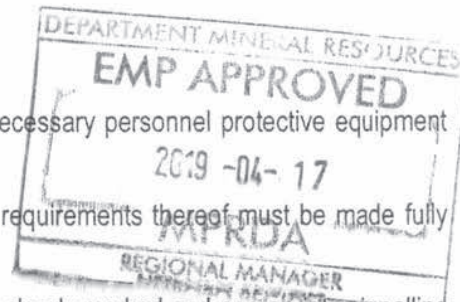
ΔME

CORRESPONDENCE

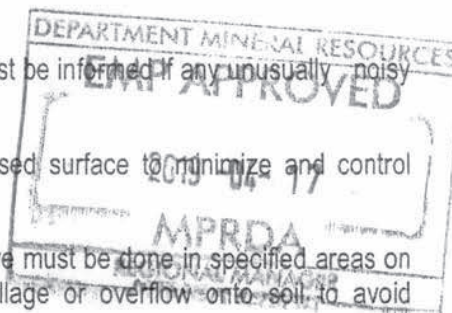
- 1.4 Where any of the holder of the approval contact details change including name of the responsible person, physical or postal address/ or telephonic details, the holder of the approval must notify the Department as soon as the new details become known to the holder of the approval letter.
- 1.5 This approval does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activity (ies).
- 1.6 The holder of approval must ensure that all areas where the authorised activities occur have controlled access to ensure safety of people and animals.

2. COMMENCEMENT OF THE ACTIVITY (IES)

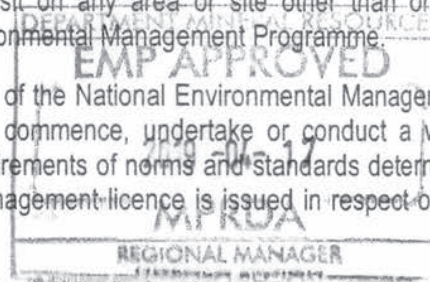
- 2.1 In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).
- 2.2 This approval must be provided to the site operator and the requirements thereof must be made fully known to him or her.
- 2.3 Hauling routes for construction vehicles and machinery must be clearly marked and appropriate signalling must be posted to that effect. Furthermore, movement of construction vehicles and machinery must be restricted to areas outside of the drainage line or wet areas.
- 2.4 Appropriate notification sign must be erected at the construction site, warning the public (residents, visitors etc.) about the hazard around the construction site and presence of heavy vehicles and machinery.
- 2.5 Construction must include design measures that allow surface and subsurface movement of water along the drainage lines so as not to impede natural surface and subsurface water flow, and drainage measures must promote the dissipation of storm water runoff.
- 2.6 Vegetation clearance must be limited on areas where the individual activities will occur, and mitigation measures must be implemented to reduce the risk of erosion and alien species invasion.
- 2.7 The holder of approval must note that in terms of the National Forest Act (Act No.84 of 1998) protected plant species, also listed in Limpopo Environmental Management Act (Act 07 of 2003) must not be cut, disturbed, damaged, destroyed and their products must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the Department of Agriculture, Forestry and fisheries.
- 2.8 Construction areas (e.g. material lay down areas), topsoil and subsoil must be protected from contamination or pollution. Stockpiling must not take place in drainage lines or areas where it will impede surface water runoff.
- 2.9 If any soil contamination is noted at any phase of the proposed activity (ies), the contaminated soil must be removed to a licensed waste disposal facility and the site must be rehabilitated to the satisfaction of the Department and Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this Department must be informed in this regard.
- 2.10 An integrated waste management approach must be implemented that is based on waste minimization and must incorporate avoidance, reduction, recycling, treat, reuse and disposal where appropriate. Uncontaminated rubble generated on the premises can be re-used as back filling material on site. Ensure that no refuse or rubble generated on the premises is placed, dumped or deposited on the adjacent properties or public places and open space.



- 2.11 The holder of the approval must note that in terms of sections 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No. 36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the approval reads through and understand the legislative requirements pertaining to the project. It is the holder of approval responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.
- 2.12 Construction vehicle must be serviced and maintained in the manner whereby no excessive smokes and noise production is reduced to acceptable levels, and to prevent oil leaks. Contaminated soil must be remediated on site or removed to an authorised landfill site.
- 2.13 Residents (if any) on the property (ies) and surrounding areas must be informed if any unusually noisy activities are planned.
- 2.14 Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.
- 2.15 Mixing of cement, concrete, paints, solvent, sealants and adhesive must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflow onto soil to avoid contamination of underground water and environmental damage.
- 2.16 Should any heritage remains be exposed during operation or any actions on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) and or Limpopo Heritage Resource Agency (LIHRA) (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA) and or Limpopo Heritage Resource Agency (LIHRA).
- 2.17 Heritage remains include: archaeological remains (including fossil bones and fossil shells); coins; middens, indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artifacts and bone remains; structures and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked human burials. A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.
- 2.18 Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.
- 2.19 Hydraulic fluid or chemicals required during construction must be stored in a concrete lined surface with bund walls and shall be designed in such a manner that any spillage can be contained and reclaimed without any impact on the surrounding environment. Should any spills occur it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.
- 2.20 Chemical sanitation facilities or system such as toilets that do not rely on the seepage of liquids must be provided with a ratio of 1 for every 15 workers. These must be placed such that they prevent spills or leaks to the environment and must be maintained according to the operating instructions and the content thereof must be disposed of at an authorised waste water treatment works.
- 2.21 The holder of approval must ensure that any water uses listed in terms of Section 21 of National Water Act must get authorization from Department of Water and Sanitation prior to the commencement of such activity (ies).



- 2.22 This approval does not purport to absolve the holder of approval from its common law obligations towards the owner of the surface of land affected.
- 2.23. The holder of approval must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMPr.
- 2.24. This approval may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.
- 2.25. The holder of approval must note that in terms Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposit and residue deposit must be deposited and managed in a prescribed manner on any site demarcated for that purpose in the Environmental Management Plan or Environmental Management Programme. No person may temporary or permanently deposits residue stockpile or residue deposit on any area or site other than on site indicated on the Environmental Management Plan or Environmental Management Programme.
- 2.26. The holder of approval must note that in terms Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management licence is issued in respect of that activity if licence is required.
- 2.27. The Department reserves the right to audit and/or inspect the activity (ies) without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.
- 2.28 The waste storage site must have a firm, impermeable, chemical resistant floors and a roof to prevent direct sunlight and rain water from getting in contact with the waste.
- 2.29 The storage of hydrocarbons must have bund walls with adequate capacity to contain the maximum volume that is stored in the area. Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.
- 2.30 Should there be any conflicting conditions between this EA and other approval granted by other authorities, it is upon the holder of EA to bring it to the attention of the Department for resolution.



3. MANAGEMENT OF OPERATION

- 3.1 A copy of the approval letter and EMPr must be kept at the property or on site office where the activity (lies) will be undertaken. The approval letter and EMPr must be produced to any authorised officials of the Department who request to see it and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work at the property (ies).
- 3.2. The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agent and any other people working on the site, and any updates or amendments to the EMPr must be submitted to the Department for approval.
- 3.3 Regular monitoring and maintenance of storm water drainage facilities must be conducted at all times, if damaged as directed by the Department or any other relevant authority.
- 3.4 A buffer zone of 100 metres between the activity (ies) and the residential areas, cemeteries or burial grounds must be clearly demarcated and maintained.
- 3.5 The holder of the approval must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.

- 3.6 The holder of the approval must ensure that all non-recyclable waste are disposed of at waste management facilities licensed to handle such wastes and all recyclable waste are collected by licensed waste management facilities for recycling, reuse or treatment.
- 3.7 The holder of the approval must ensure that all liquid wastes, whose emissions to water or land could cause pollution are diverted to sewer, after testing water quality and receiving written approval from the relevant local authority.
- 3.8 Non-compliance with any condition of this approval or EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of section 31L of NEMA.
- 3.9 The footprint of the activity (ies) must be limited on the areas authorised for the actual construction works and operational activities and all areas outside of the footprint must be regarded as a "no go" areas.
- 3.10 Erosion and soil loss must be prevented by minimizing the construction site exposed to surface water run-off. Where necessary erosion stabilizing action such as gabions or re-vegetation must be implemented to prevent further habitat deterioration.
- 3.11 The holder of the approval must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situations so as to minimize the risk involved. Records of training and verification of competence must be kept by the holder approval.
- 3.12 In order to prevent nuisance conditions, the holder of the approval must ensure that all storage skips and bins are not overfilled.



4 REPORTING TO THE DEPARTMENT

- 4.1 The holder of approval must:
- 4.1.1 submit and Environmental Audit Report to this Department biennially and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of this environmental authorisation and EMPr/closure plan are being adhered to;
 - 4.1.2 identify and assess any new impacts and risks as a result of undertaking the activity/ies, if applicable;
 - 4.1.3 identify shortcomings in the EMPr/closure plan, if applicable;
 - 4.1.4 identify the need, if any, for any changes to the management, avoidance and mitigation measures provided for in the EMPr/closure plan;
 - 4.1.5 if applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate;
 - 4.1.6 Specify the name of the auditor and
 - 4.1.7 Any complaint received from the I&AP during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned interested and affected parties.

- 4.2 The holder of the approval must annually assess the environmental liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.
- 4.3 The holder of the approval must, within 24 hours of incidents occurring, notify the Competent Authority of the occurrence or detection of any incident on the site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.
- 4.4 The holder of the approval must, within 14 days, or a shorter period of time, if specified by the Competent Authority from the occurrence or detection of any incident referred to in condition 5.5, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management to the satisfaction of the Competent Authority of measures taken to –
- 4.4.1 Correct the impact resulting from the incident;
- 4.4.2 Prevent the incident from causing any further impact; and
- 4.4.3 Prevent a recurrence of a similar incident.



5. SITE SECURITY AND ACCESS CONTROL

- 5.1 The holder of the approval must ensure effective access control on the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at each entrance.

6. COMMISSIONING AND DECOMMISSIONING

The commissioning and decommissioning of individual activity within the overall listed Mining activity must take place within the phases and timeframes as set out in EMP or EMPr.

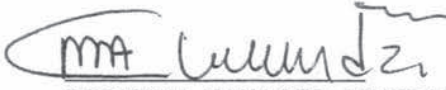
7. SITE CLOSURE

- 7.1 The holder of approval must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment and completion of development.
- 7.2 The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended.
- 7.3 No exotic plants may be used for rehabilitation purposes, only indigenous plant can be utilized for rehabilitation purposes.
- 7.4 The holder of approval remains responsible for any environmental liability, pollution or ecological degradation, the pumping and treatment of extraneous water, compliance with the conditions of EA and the management and sustainable closure thereof until the Minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002). Where

necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.

Your interest in the future of our environment is appreciated.

Kind Regards


REGIONAL MANAGER: MINERAL REGULATION
LIMPOPO REGION
DATE: 17/04/2019



**APPENDIX 5
LAYOUT MAP**

Southern Sphere Platinum (Pty) Ltd - Steelport Project

Layout Map



0 0.63 1.25
Kilometers

N

Date: 27/03/2026
Created By: W. Faber
Projection: Transverse Mercator
Datum: WGS 1984
Scale: 1:33,850
Signature:

SHANGONI
Management Services (Pty) Ltd

Sugarbird UG Outcrop

Outline of Sugarbird Laydown

Rope Conveyor Start

Sugarbird PCD

Sunbird

Dewatering Dam

Laydown Footprint

Merensky Pit Outline

PCD

KF Laydown Footprint

KF Overburden Outline

Kingfisher Pit / Phase 1

PCD

Kingfisher Berms & Haul Roads

Kingfisher Pit / Phase 2

Topsoil or Overburden Store

Sugarbird

Airborne Rope Conveyor

Sugarbird Overburden Dump

Environmental Area

SWMP

Solar Powerlines

Roads & Pipelines

Plant Area

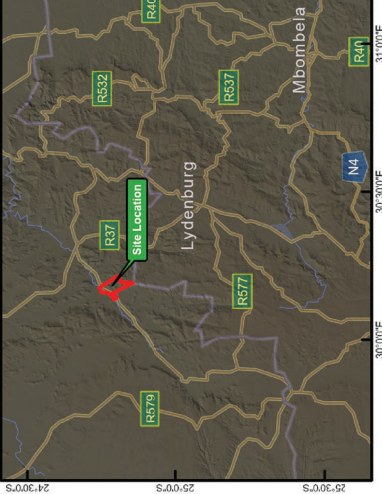
Solar Areas

TSF

Additional Resources To Be Mined

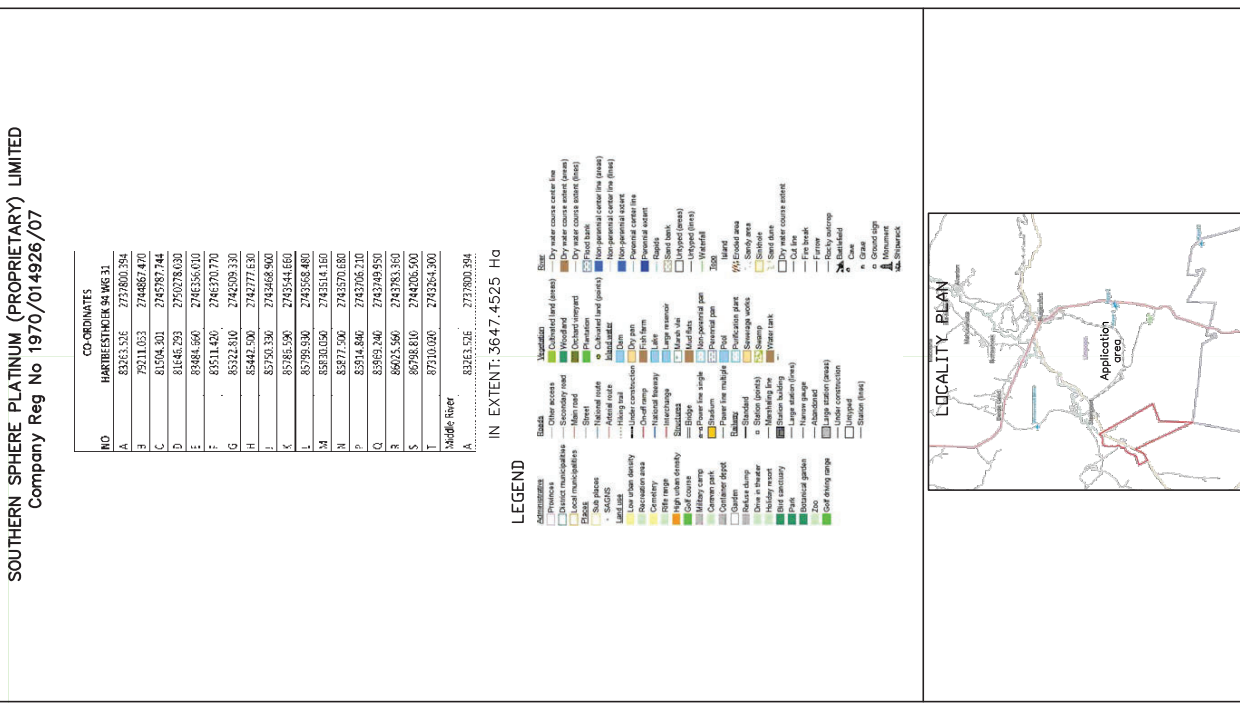
Kingfisher

Dewatering Dam



REGULATION 2(2) PLAN

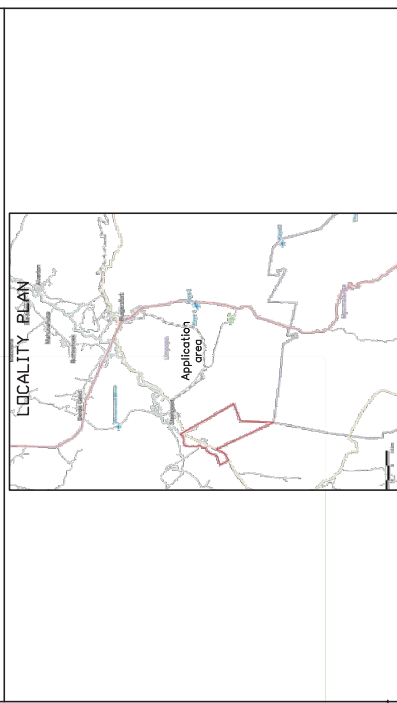
SOUTHERN SPHERE PLATINUM (PROPRIETARY) LIMITED
Company Reg No 1970/014926/07



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F	81694.301 2745787.744
D	81445.293 2750278.030
E	89484.660 2746356.010
F	83511.420 2746370.770
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P	85914.840 2743706.210
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S	86798.810 2744006.500
T	87310.020 2743264.300
Middle River	
A	83423.526 2737800.394

IN EXTENT: 3647.4525 Ha

- [illegible]



Compiled by: Edward de Lange	Signed Date:
28, Gars Street Footville 2515	Approved Date:
Mobile: 064 845 5919 Email: edward@edward.co.za Date: 20 January, 2026	

Compiled by: Edward de Lange	
------------------------------	--

26 Gara Street Fochville 2515	Signed Date:
Mobile: 064 845 5919	Approved Date:

Mobile: 064 845 5919
E-Mail: eddie@afmcc.co.za
Date: 20 January 2026

APPENDIX 6
DFFE SCREENING

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS
REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE
ENVIRONMENTAL SENSITIVITY**

EIA Reference number: Not yet assigned

Project name: Steelpoort Project

Project title: Steelpoort Project

Date screening report generated: 21/12/2025 03:38:34

Applicant: Southern Sphere Platinum (Pty) Ltd

Compiler: Shangoni Management Services (Pty) Ltd

Compiler signature: 

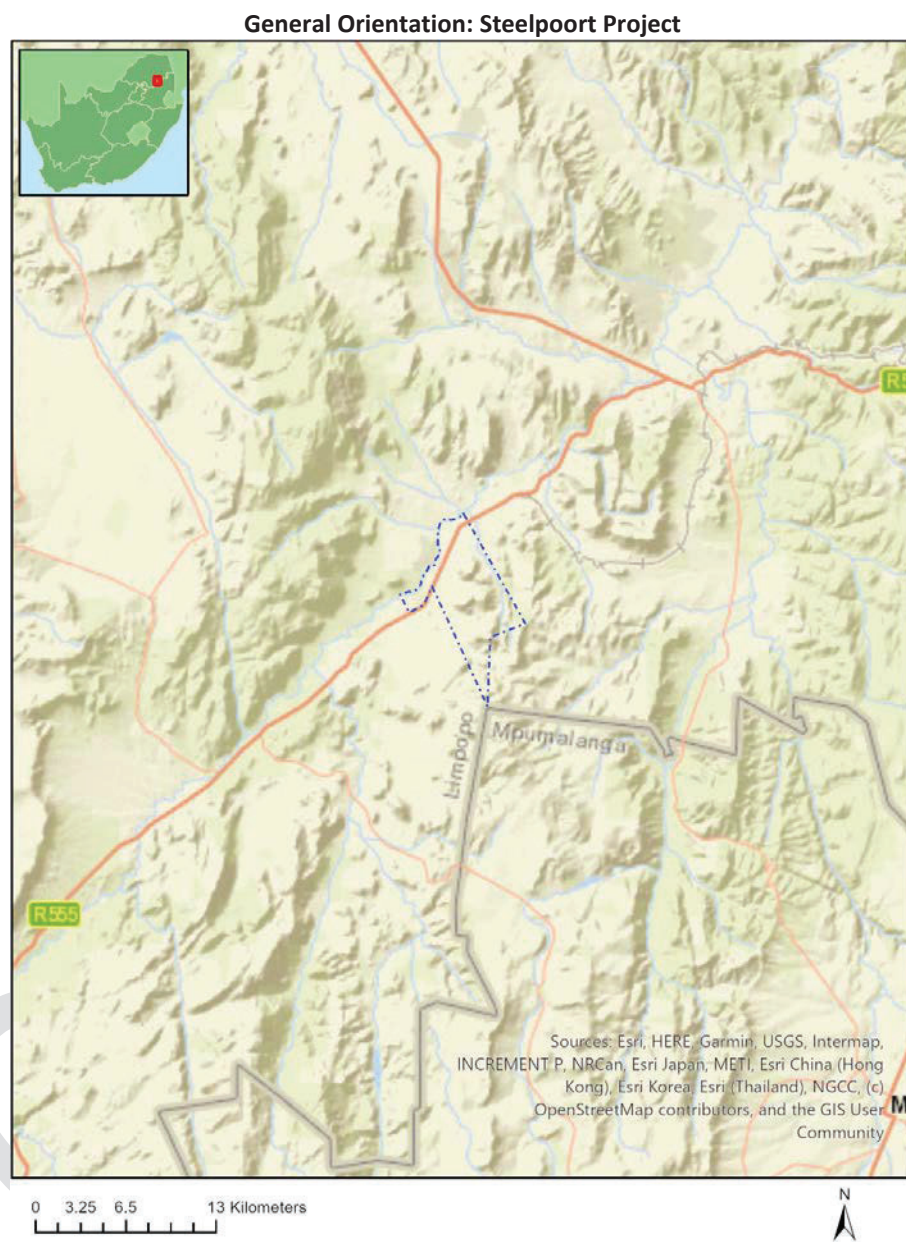
Application Category: Mining|Mining Right

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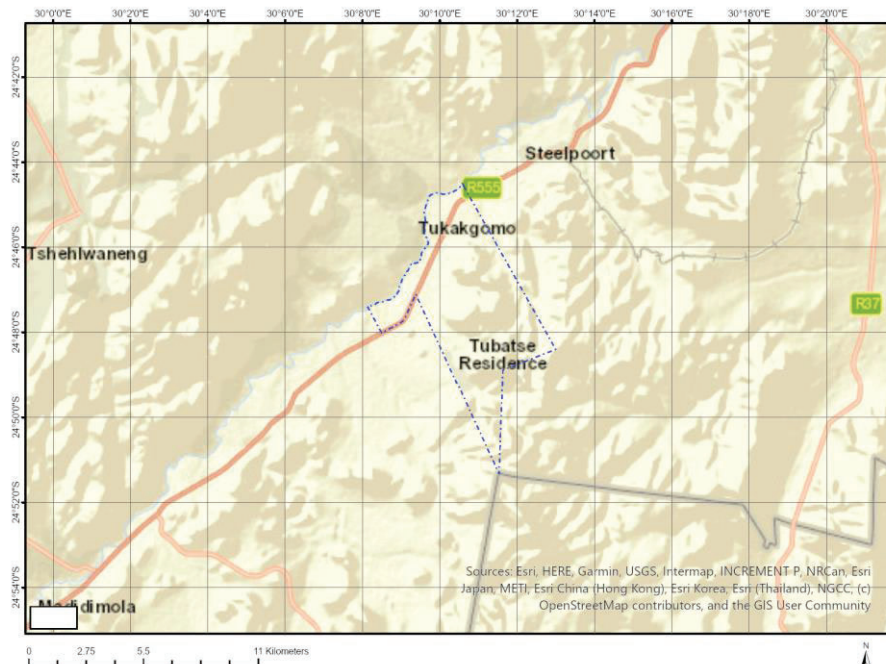
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Proposed Project Location

Orientation map 1: General location



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	STEELPOORT	212	0	24°49'5.78S	30°10'30.48E	Erven
2	STEELPOORT	211	0	24°49'4.52S	30°10'30.02E	Erven
3	STEELPOORT	210	0	24°49'4.77S	30°10'28.48E	Erven
4	STEELPOORT	209	0	24°49'8.01S	30°10'26.67E	Erven
5	STEELPOORT	208	0	24°49'8.98S	30°10'27.14E	Erven
6	STEELPOORT	207	0	24°49'9.96S	30°10'27.63E	Erven
7	STEELPOORT	206	0	24°49'11.68S	30°10'28.84E	Erven
8	STEELPOORT	205	0	24°49'11.72S	30°10'29.97E	Erven
9	STEELPOORT	204	0	24°49'10.47S	30°10'29.58E	Erven
10	STEELPOORT	203	0	24°49'8.64S	30°10'28.41E	Erven
11	STEELPOORT	202	0	24°49'7.48S	30°10'27.89E	Erven
12	STEELPOORT	201	0	24°49'6.33S	30°10'27.25E	Erven
13	STEELPOORT	200	0	24°49'7.08S	30°10'26.1E	Erven
14	STEELPOORT	199	0	24°49'1.81S	30°10'29.18E	Erven
15	STEELPOORT	198	0	24°49'3.05S	30°10'27.37E	Erven
16	STEELPOORT	197	0	24°49'3.74S	30°10'26.74E	Erven
17	STEELPOORT	196	0	24°49'4.46S	30°10'26.09E	Erven
18	STEELPOORT	195	0	24°49'5.16S	30°10'25.43E	Erven
19	STEELPOORT	194	0	24°49'5.89S	30°10'24.72E	Erven
20	STEELPOORT	156	0	24°48'46.91S	30°10'39.12E	Erven
21	STEELPOORT	155	0	24°48'48.03S	30°10'38E	Erven
22	STEELPOORT	154	0	24°48'48.91S	30°10'37.21E	Erven
23	STEELPOORT	153	0	24°48'49.92S	30°10'36.31E	Erven
24	STEELPOORT	152	0	24°48'51.04S	30°10'37.55E	Erven
25	STEELPOORT	151	0	24°48'55.16S	30°10'36.3E	Erven
26	STEELPOORT	150	0	24°48'56.68S	30°10'34.73E	Erven
27	STEELPOORT	149	0	24°48'43.24S	30°10'39.47E	Erven

28	STEELPOORT	148	0	24°48'44.12S	30°10'38.55E	Erven
29	STEELPOORT	147	0	24°48'44.9S	30°10'37.71E	Erven
30	STEELPOORT	146	0	24°48'45.79S	30°10'36.99E	Erven
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44	STEELPOORT	132	0	24°48'57.82S	30°10'30.64E	Erven
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63	STEELPOORT	112	0	24°48'55.43S	30°10'24.26E	Erven
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197	STEELPOORT	273	0	24°48'58.64S	30°10'39.99E	Erven
198	STEELPOORT	274	0	24°48'59.67S	30°10'40.37E	Erven
199	STEELPOORT	275	0	24°49'0.57S	30°10'40.51E	Erven
200	STEELPOORT	276	0	24°49'1.49S	30°10'40.79E	Erven
201	STEELPOORT	277	0	24°49'2.45S	30°10'41.18E	Erven
202	STEELPOORT	278	0	24°49'3.33S	30°10'41.56E	Erven
203	STEELPOORT	279	0	24°49'4.28S	30°10'41.99E	Erven
204	STEELPOORT	280	0	24°49'5.17S	30°10'42.56E	Erven
205	STEELPOORT	281	0	24°49'6.05S	30°10'43E	Erven
206	STEELPOORT	282	0	24°49'6.82S	30°10'43.76E	Erven
207	STEELPOORT	283	0	24°49'7.52S	30°10'44.47E	Erven

208	STEELPOORT	284	0	24°49'8.24S	30°10'45.25E	Erven
209	STEELPOORT	285	0	24°49'8.92S	30°10'45.9E	Erven
210	STEELPOORT	286	0	24°49'9.59S	30°10'46.67E	Erven
211	STEELPOORT	287	0	24°49'13.37S	30°10'29.78E	Erven
212	STEELPOORT	288	0	24°49'13.43S	30°10'30.81E	Erven
213	STEELPOORT	289	0	24°49'13.54S	30°10'31.82E	Erven
214	STEELPOORT	290	0	24°49'13.67S	30°10'32.91E	Erven
215	STEELPOORT	291	0	24°49'13.73S	30°10'33.93E	Erven
216	STEELPOORT	292	0	24°49'13.87S	30°10'35.12E	Erven
217	STEELPOORT	293	0	24°49'13.39S	30°10'36.11E	Erven
218	STEELPOORT	294	0	24°49'14.28S	30°10'36.56E	Erven
219	STEELPOORT	295	0	24°49'14.43S	30°10'37.56E	Erven
220	STEELPOORT	296	0	24°49'14.66S	30°10'38.55E	Erven
221	STEELPOORT	297	0	24°49'14.97S	30°10'39.56E	Erven
222	STEELPOORT	298	0	24°49'15.18S	30°10'40.59E	Erven
223	STEELPOORT	299	0	24°49'15.45S	30°10'41.64E	Erven
224	STEELPOORT	300	0	24°49'15.74S	30°10'42.58E	Erven
225	STEELPOORT	301	0	24°49'16.04S	30°10'43.61E	Erven
226	STEELPOORT	302	0	24°49'16.37S	30°10'44.64E	Erven
227	STEELPOORT	303	0	24°49'17.13S	30°10'45.43E	Erven
228	STEELPOORT	304	0	24°49'17.72S	30°10'46.12E	Erven
229	STEELPOORT	305	0	24°49'18.52S	30°10'46.88E	Erven
230	STEELPOORT	306	0	24°49'19.25S	30°10'47.6E	Erven
231	STEELPOORT	307	0	24°49'20.92S	30°10'45.42E	Erven
232	STEELPOORT	308	0	24°49'21.43S	30°10'44.42E	Erven
233	STEELPOORT	309	0	24°49'20.44S	30°10'44.09E	Erven
234	STEELPOORT	310	0	24°49'18.98S	30°10'40.32E	Erven
235	STEELPOORT	311	0	24°49'19.15S	30°10'39.4E	Erven
236	STEELPOORT	312	0	24°49'19.48S	30°10'38.21E	Erven
237	STEELPOORT	313	0	24°49'19.02S	30°10'32.22E	Erven
238	STEELPOORT	314	0	24°49'20.25S	30°10'31.91E	Erven
239	STEELPOORT	315	0	24°49'21.4S	30°10'32.68E	Erven
240	STEELPOORT	316	0	24°49'22.28S	30°10'33.03E	Erven
241	STEELPOORT	317	0	24°49'23.07S	30°10'33.44E	Erven
242	STEELPOORT	318	0	24°49'24.02S	30°10'33.61E	Erven
243	STEELPOORT	319	0	24°49'22.1S	30°10'35.48E	Erven
244	STEELPOORT	320	0	24°49'21.84S	30°10'36.59E	Erven
245	STEELPOORT	321	0	24°49'21.54S	30°10'37.54E	Erven
246	STEELPOORT	322	0	24°49'21.3S	30°10'38.7E	Erven
247	STEELPOORT	323	0	24°49'21.1S	30°10'39.76E	Erven
248	STEELPOORT	324	0	24°49'20.84S	30°10'40.78E	Erven
249	STEELPOORT	325	0	24°49'20.71S	30°10'41.96E	Erven
250	STEELPOORT	326	0	24°49'21.75S	30°10'42.46E	Erven
251	STEELPOORT	327	0	24°49'22.04S	30°10'41.11E	Erven
252	STEELPOORT	328	0	24°49'22.25S	30°10'40.04E	Erven
253	STEELPOORT	329	0	24°49'22.47S	30°10'38.95E	Erven
254	STEELPOORT	330	0	24°49'22.69S	30°10'37.85E	Erven
255	STEELPOORT	331	0	24°49'22.99S	30°10'36.81E	Erven
256	STEELPOORT	332	0	24°49'23.17S	30°10'35.83E	Erven
257	STEELPOORT	333	0	24°49'25.9S	30°10'34.51E	Erven
258	STEELPOORT	334	0	24°49'25.36S	30°10'35.66E	Erven
259	STEELPOORT	335	0	24°49'25S	30°10'36.85E	Erven
260	STEELPOORT	336	0	24°49'24.74S	30°10'37.95E	Erven
261	STEELPOORT	337	0	24°49'24.51S	30°10'38.88E	Erven
262	STEELPOORT	338	0	24°49'24.22S	30°10'39.91E	Erven
263	STEELPOORT	339	0	24°49'23.99S	30°10'40.86E	Erven
264	STEELPOORT	340	0	24°49'23.76S	30°10'41.84E	Erven
265	STEELPOORT	341	0	24°49'23.51S	30°10'42.85E	Erven
266	STEELPOORT	342	0	24°49'23.29S	30°10'43.87E	Erven
267	STEELPOORT	343	0	24°49'23.05S	30°10'44.84E	Erven

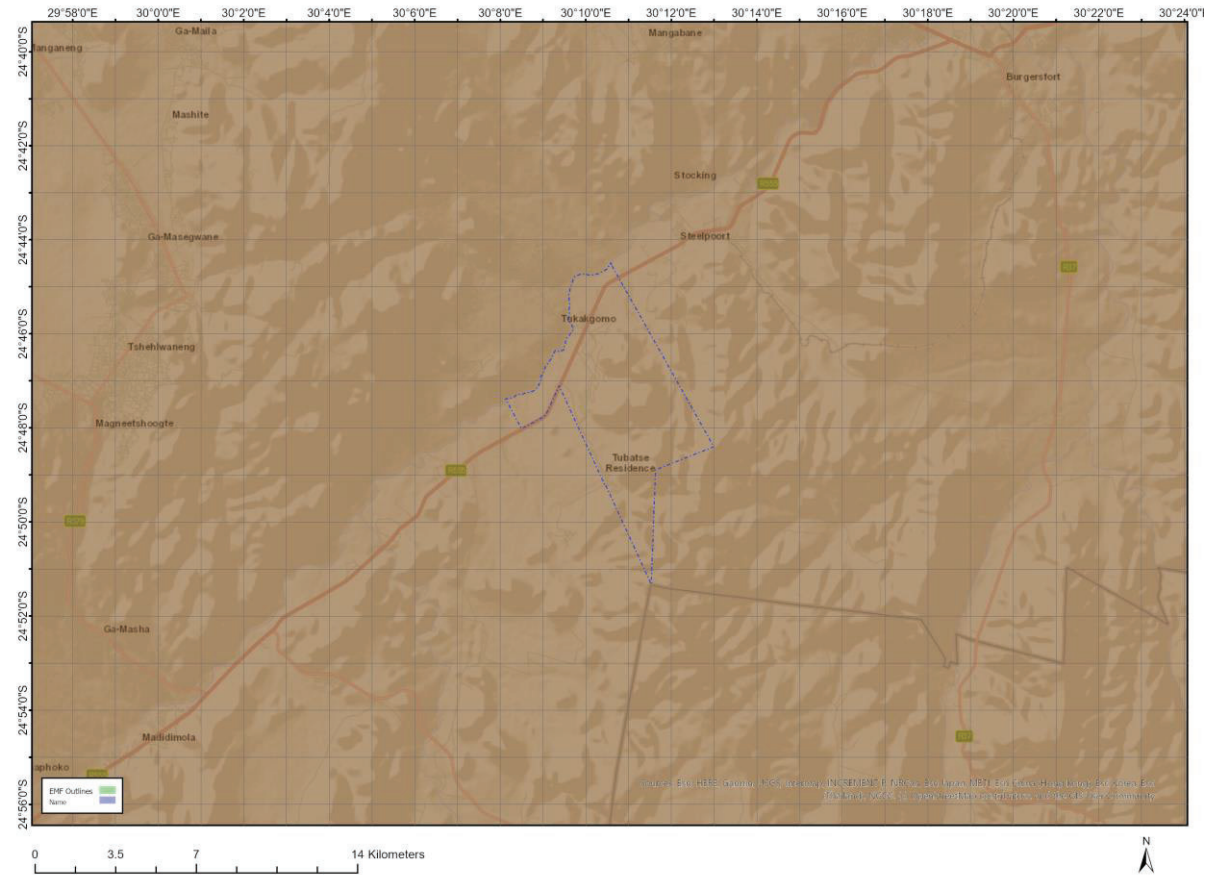
268	STEELPOORT	345	0	24°49'22.23S	30°10'46.81E	Erven
269	STEELPOORT	346	0	24°49'20.74S	30°10'48.45E	Erven
270	STEELPOORT	347	0	24°49'20.03S	30°10'49.2E	Erven
271	STEELPOORT	348	0	24°49'19.35S	30°10'50.07E	Erven
272	STEELPOORT	349	0	24°49'18.67S	30°10'50.85E	Erven
273	STEELPOORT	350	0	24°49'18.03S	30°10'51.67E	Erven
274	STEELPOORT	351	0	24°49'17.32S	30°10'52.48E	Erven
275	STEELPOORT	352	0	24°49'16.63S	30°10'53.31E	Erven
276	STEELPOORT	353	0	24°49'15.81S	30°10'53.33E	Erven
277	STEELPOORT	354	0	24°49'15.03S	30°10'52.44E	Erven
278	STEELPOORT	355	0	24°49'14.31S	30°10'51.74E	Erven
279	STEELPOORT	356	0	24°49'13.62S	30°10'50.86E	Erven
280	STEELPOORT	357	0	24°48'53.68S	30°10'37.32E	Erven
281	STEELPOORT	358	0	24°49'0.13S	30°10'29.96E	Erven
282	STEELPOORT	359	0	24°49'10.39S	30°10'28.53E	Erven
283	STEELPOORT	360	0	24°49'7.24S	30°10'30.55E	Erven
284	STEELPOORT	361	0	24°49'9.5S	30°10'39.01E	Erven
285	STEELPOORT	362	0	24°49'17.05S	30°10'34.35E	Erven
286	STEELPOORT	363	0	24°49'21.41S	30°10'47.62E	Erven
287	STEELPOORT	4167	0	24°49'1.63S	30°10'38.11E	Erven
288		335	0	24°48'16.48S	30°10'36.2E	Farm
289		333	0	24°49'47.29S	30°8'9.08E	Farm
290		327	0	24°44'6.01S	30°7'59.24E	Farm
291		337	0	24°46'8.79S	30°13'4.73E	Farm
292		332	0	24°46'28.01S	30°6'59.7E	Farm
293		293	0	24°42'25.68S	30°9'40.92E	Farm
294		336	0	24°46'48.3S	30°10'58.91E	Farm
295		356	0	24°49'49.92S	30°12'3.53E	Farm
296	GROOTBOOM	336	2	24°44'53.2S	30°10'14.53E	Farm Portion
297	GOUDMYN	337	52	24°44'27.55S	30°10'54.5E	Farm Portion
298	GROOTBOOM	336	4	24°46'43.79S	30°11'43.08E	Farm Portion
299	SPITSKOP	333	47	24°47'12.01S	30°9'20.78E	Farm Portion
300	SPITSKOP	333	48	24°47'6.29S	30°9'22.98E	Farm Portion
301	SPITSKOP	333	1	24°47'15.19S	30°8'50.64E	Farm Portion
302	SPITSKOP	333	3	24°47'54.94S	30°9'0.1E	Farm Portion
303	ANNEX GROOTBOOM	335	5	24°49'11.63S	30°10'37.15E	Farm Portion
304	ANNEX GROOTBOOM	335	1	24°47'8.37S	30°9'52.41E	Farm Portion
305	ANNEX GROOTBOOM	335	0	24°47'46.24S	30°10'32.33E	Farm Portion
306	GROOTBOOM	336	3	24°45'41.27S	30°10'1.7E	Farm Portion
307	SPITSKOP	333	28	24°50'22.2S	30°9'46.57E	Farm Portion
308	SPITSKOP	333	2	24°47'36.92S	30°8'50.17E	Farm Portion
309	DE GOEDE VERWACHTING	332	1	24°45'58.55S	30°7'24.29E	Farm Portion
310	DE GOEDE VERWACHTING	332	0	24°47'8.77S	30°6'25.32E	Farm Portion
311		356	0	24°50'0.81S	30°11'58.82E	Farm Portion
312	GROOTBOOM	336	1	24°47'14.45S	30°11'0.13E	Farm Portion
313	GROOTBOOM	336	0	24°46'59.73S	30°11'27.66E	Farm Portion
314	EERSTEGELUK	327	0	24°44'17.28S	30°8'3.37E	Farm Portion
315	WINTERVELD	293	0	24°42'4.84S	30°9'27.31E	Farm Portion
316	STEELPOORT	158	0	24°48'27.44S	30°10'11.87E	Public Place
317	STEELPOORT	161	0	24°48'37.65S	30°10'14.97E	Public Place
318	STEELPOORT	163	0	24°48'53.1S	30°10'24.44E	Public Place
319	STEELPOORT	166	0	24°48'58.28S	30°10'28E	Public Place
320	STEELPOORT	165	0	24°48'54.27S	30°10'31.86E	Public Place
321	STEELPOORT	159	0	24°48'30.63S	30°10'14.18E	Public Place
322	STEELPOORT	157	0	24°48'25.88S	30°10'8.9E	Public Place
323	STEELPOORT	162	0	24°48'34.51S	30°10'9.86E	Public Place
324	STEELPOORT	160	0	24°48'33.57S	30°10'15.96E	Public Place
325	STEELPOORT	164	0	24°48'49.55S	30°10'33.33E	Public Place

Development footprint¹ vertices:
No development footprint(s) specified.

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

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	14/12/16/3/3/2/2350	Solar PV	Approved	9.1
2	14/12/16/3/3/2/2079	Solar PV	Approved	0

Environmental Management Frameworks relevant to the application



Environmental Management Framework	LINK
Olifants EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/Zone_4

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

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

Mining | Mining Right.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-International corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf

Proposed Development Area Environmental Sensitivity

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

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme		X		
Animal Species Theme		X		
Aquatic Biodiversity Theme	X			
Archaeological and Cultural Heritage Theme	X			
Civil Aviation Theme		X		
Defence Theme				X
Paleontology Theme		X		
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			

Specialist assessments identified

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

No	Specialist	Assessment Protocol
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	assessment	
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Agriculture Assessment Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.pdf
5	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Terrestrial Biodiversity Assessment Protocols.pdf
6	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Aquatic Biodiversity Assessment Protocols.pdf
7	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
8	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Noise Impacts Assessment Protocol.pdf
9	Radioactivity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
10	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
11	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
12	Climate Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
13	Health Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
14	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
15	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
16	Seismicity Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
17	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf

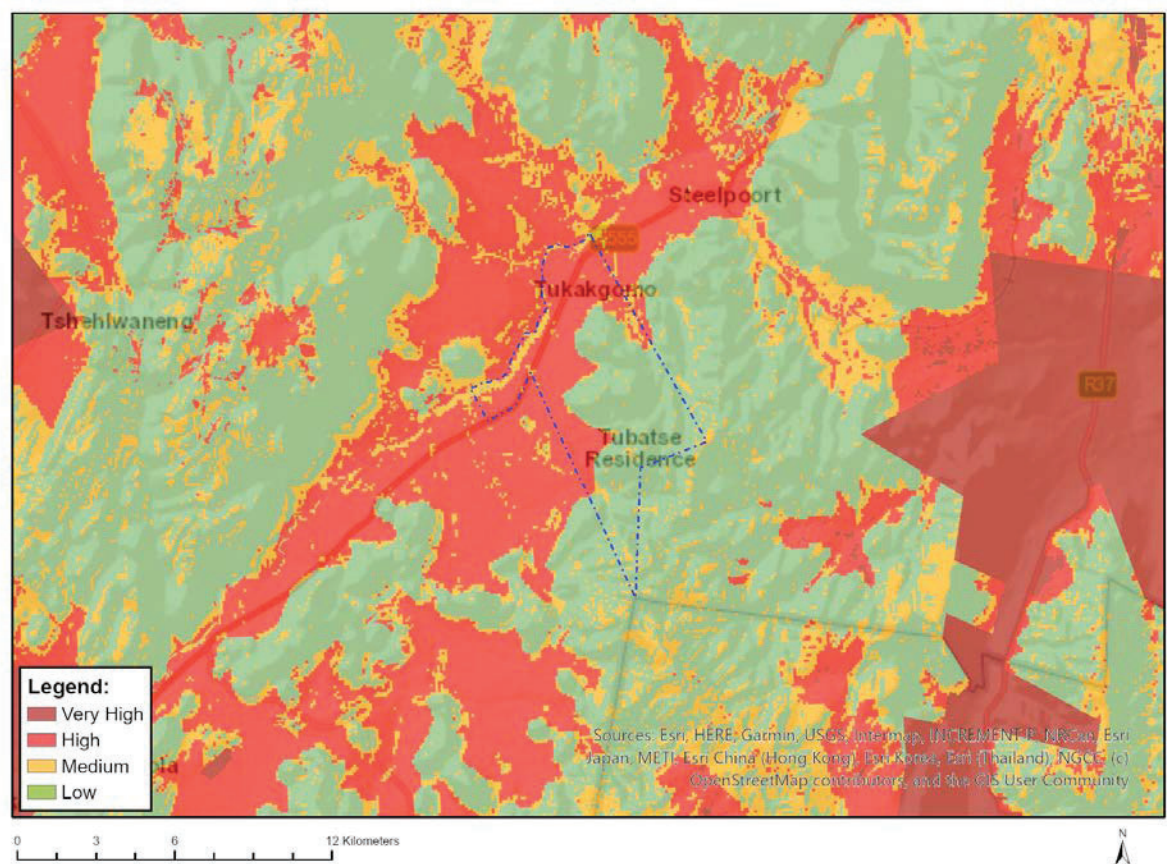
18	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Animal Species Assessment Protocols.pdf
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OFFICIAL

Results of the environmental sensitivity of the proposed area.

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

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

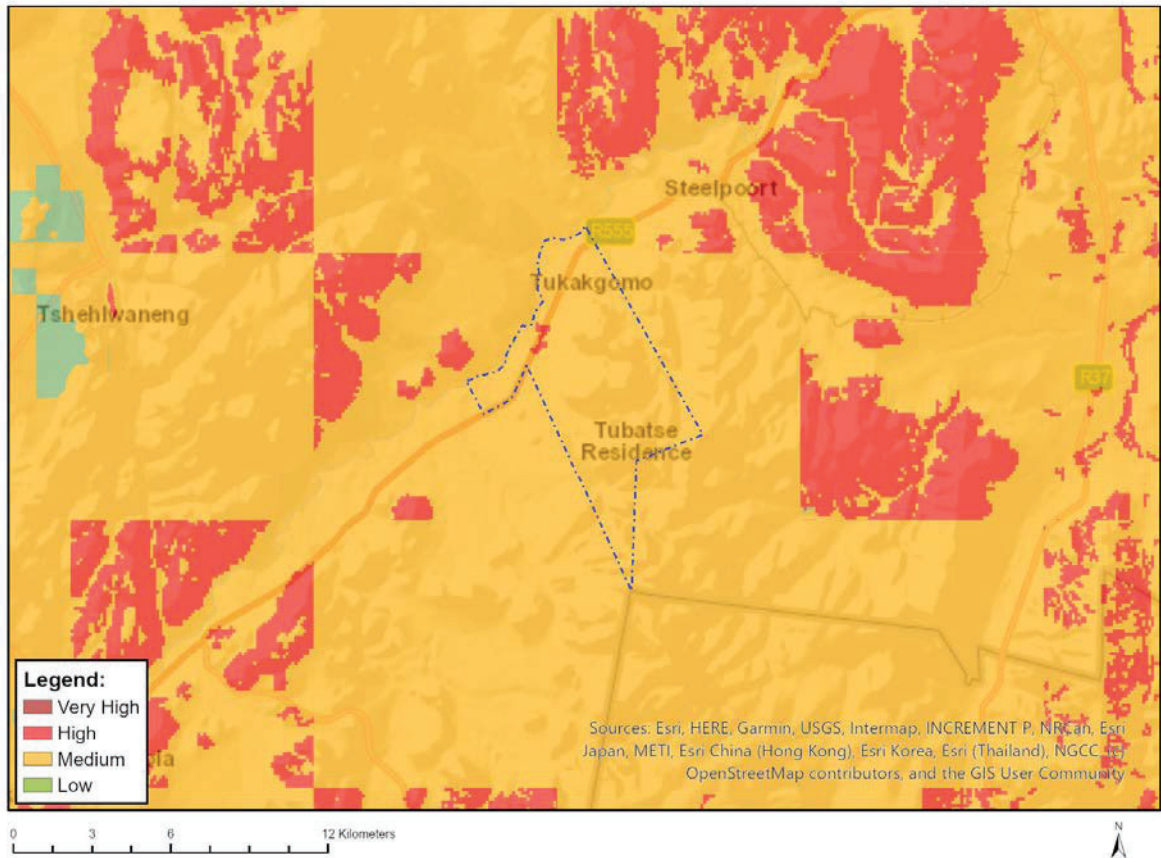


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Subsistence_Farming_1
High	08. Moderate
High	10. Moderate-High
High	09. Moderate-High
Low	04. Low-Very low
Low	05. Low
Low	03. Low-Very low
Low	02. Very low
Medium	06. Low-Moderate
Medium	07. Low-Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

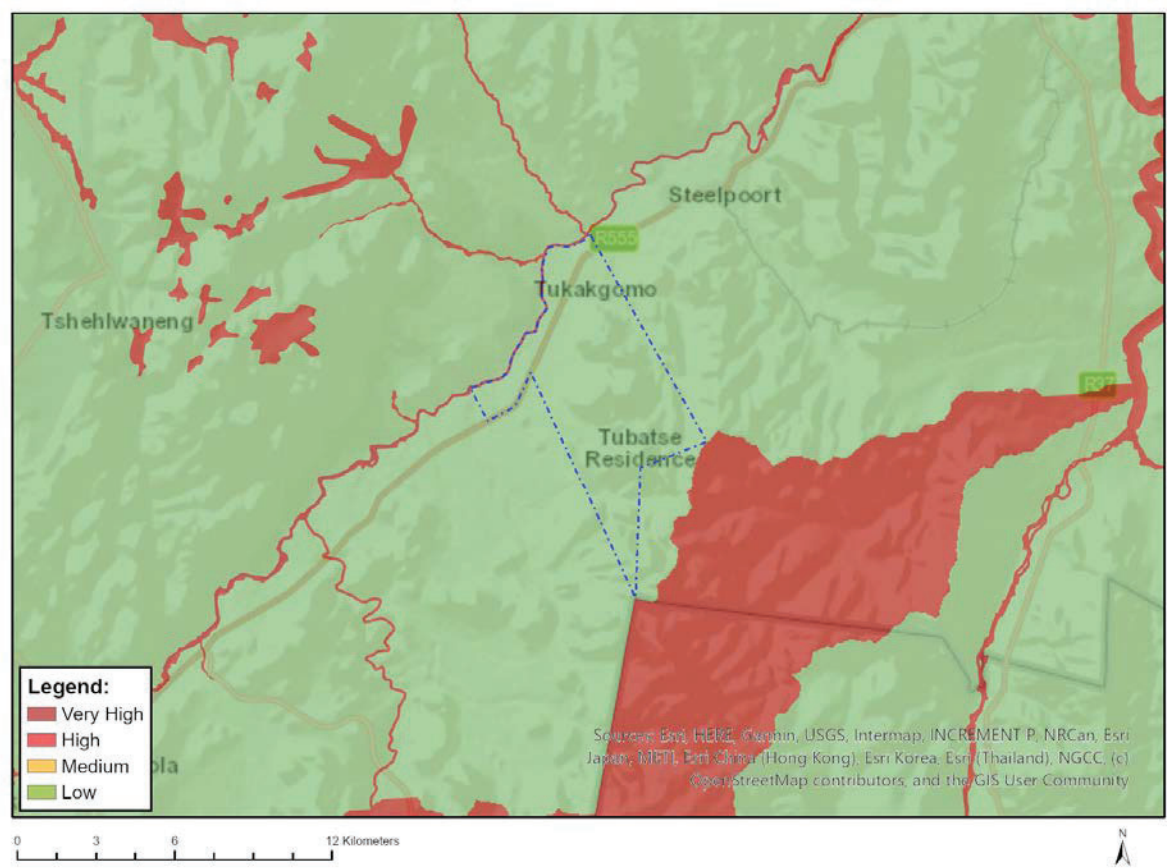
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Falco biarmicus
Medium	Aves-Stephanoaetus coronatus
Medium	Aves-Sagittarius serpentarius
Medium	Aves-Geronticus calvus
Medium	Aves-Aquila rapax
Medium	Mammalia-Amblysomus robustus
Medium	Mammalia-Chrysospalax villosus
Medium	Mammalia-Crocidura maquassiensis
Medium	Mammalia-Dasymys robertsii
Medium	Mammalia-Lycaon pictus
Medium	Mammalia-Ourebia ourebi ourebi
Medium	Reptilia-Crocodylus niloticus

Medium	Reptilia-Kinixys lobatsiana
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MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

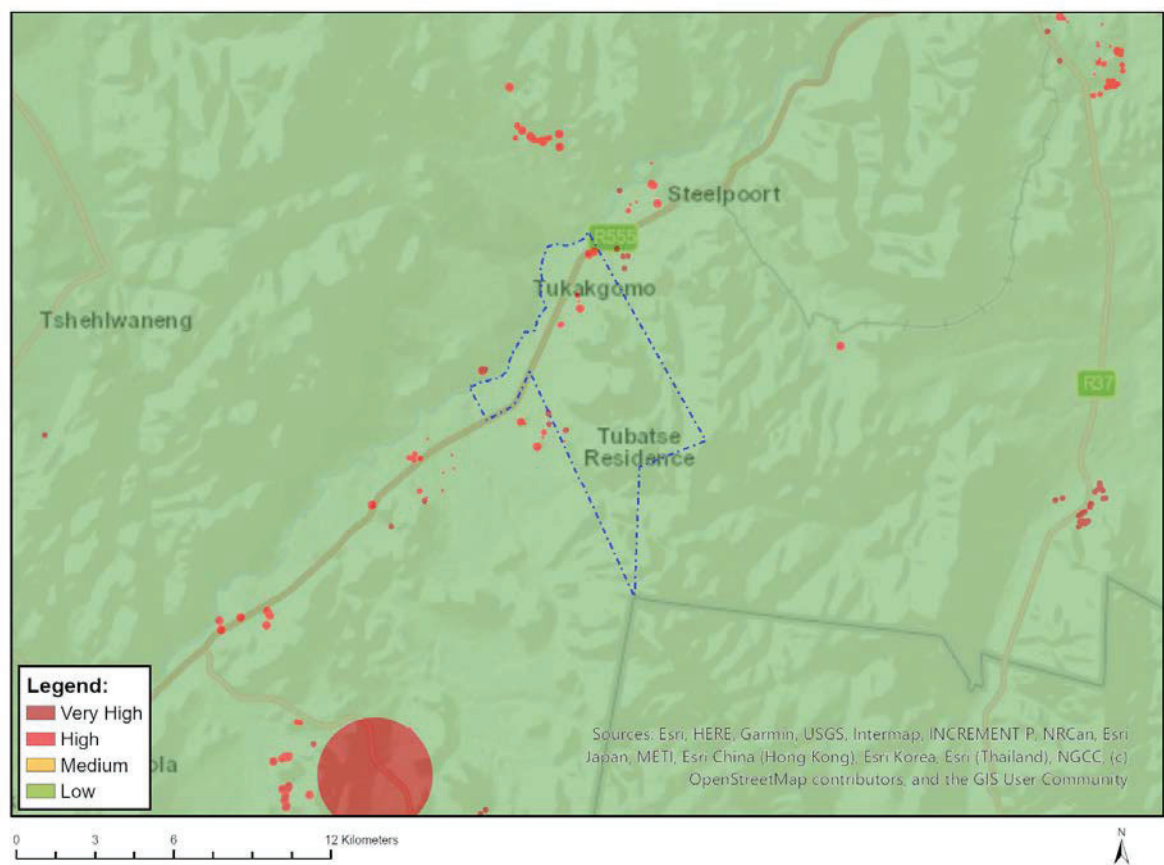


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	Wetlands_Valley-bottom wetland
Very High	Rivers

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

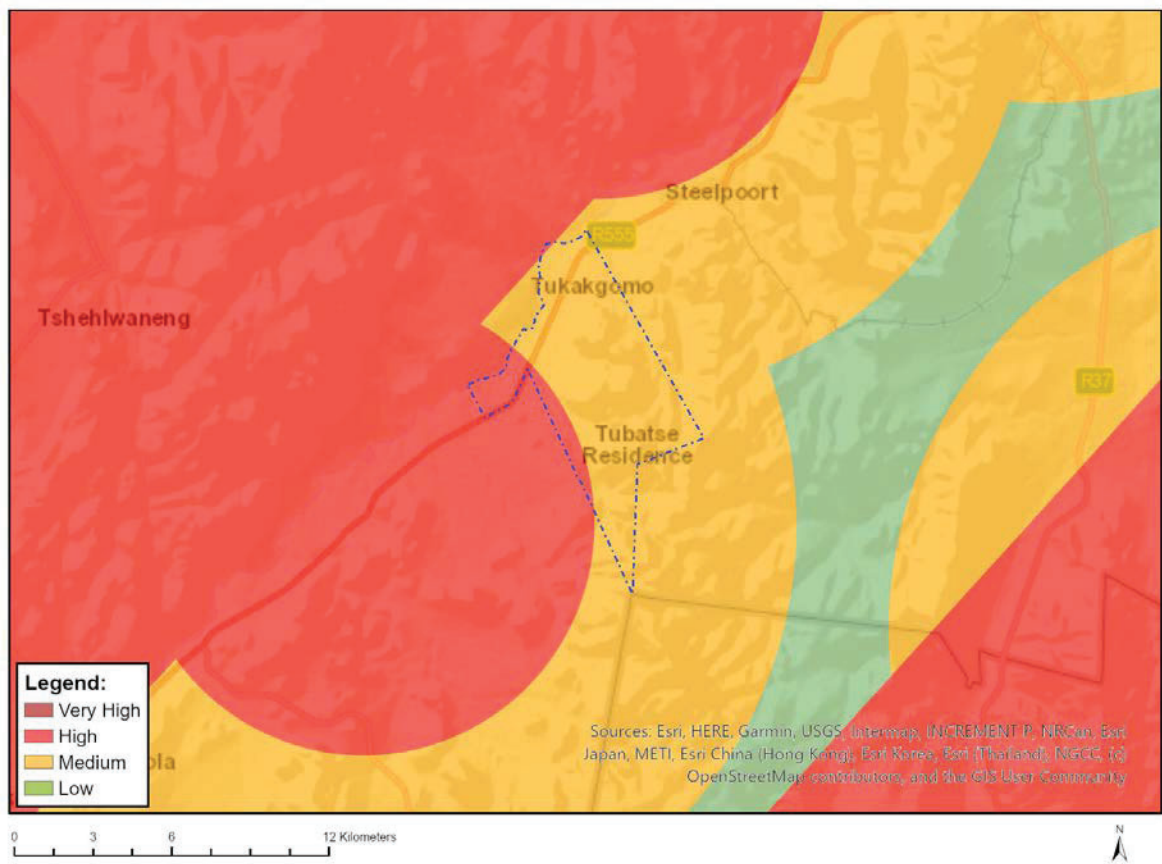


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 150m of a Grade IIIa Heritage site
High	Within 100m of a Grade IIIb Heritage site
High	Within 50m of a Grade IIIc Heritage site
Low	Low Sensitivity
Very High	Within 100m of an Ungraded Heritage site

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

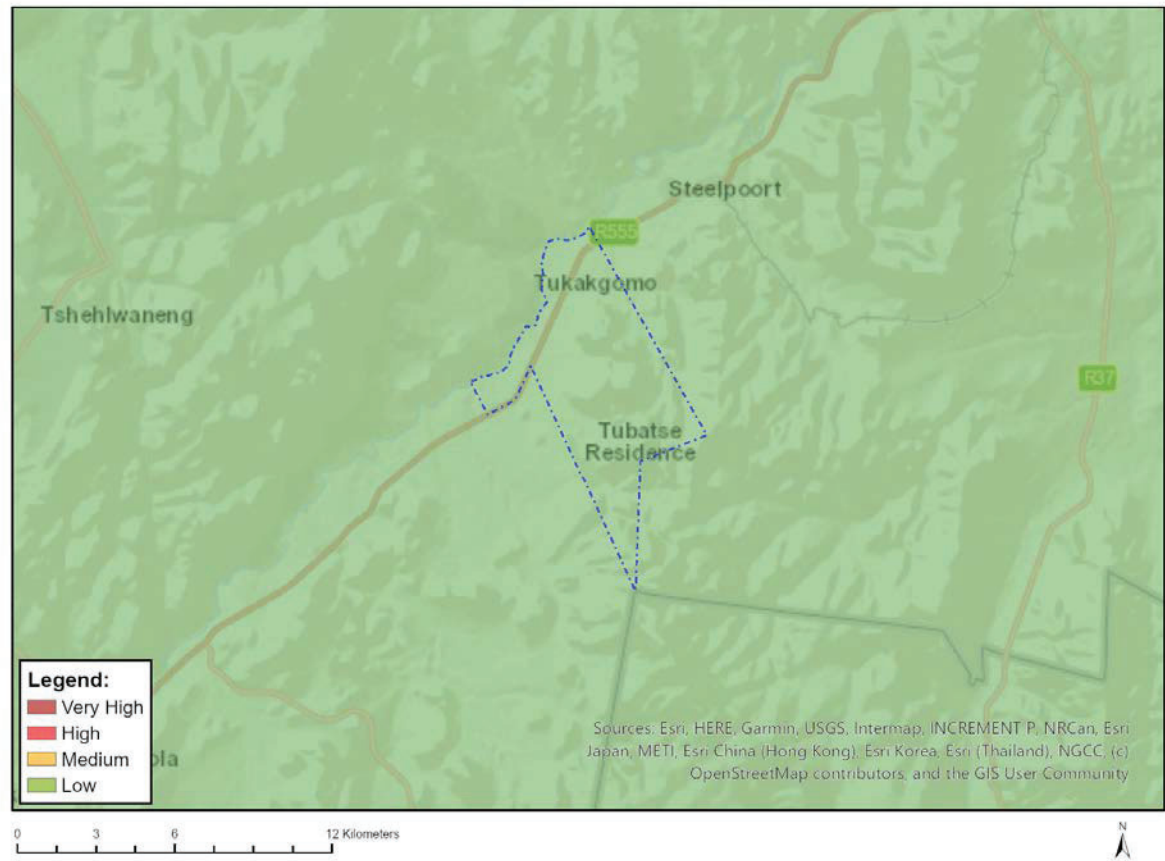


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome
High	Dangerous and restricted airspace as demarcated
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

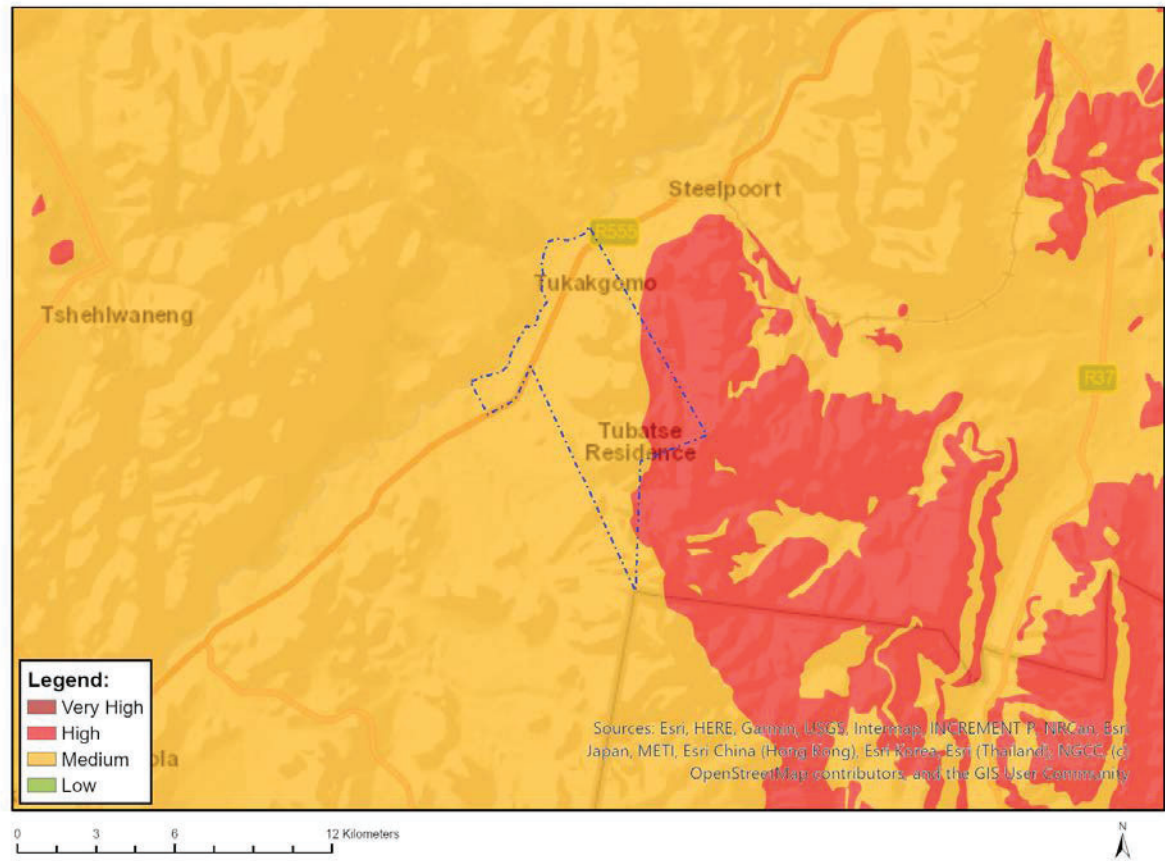


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

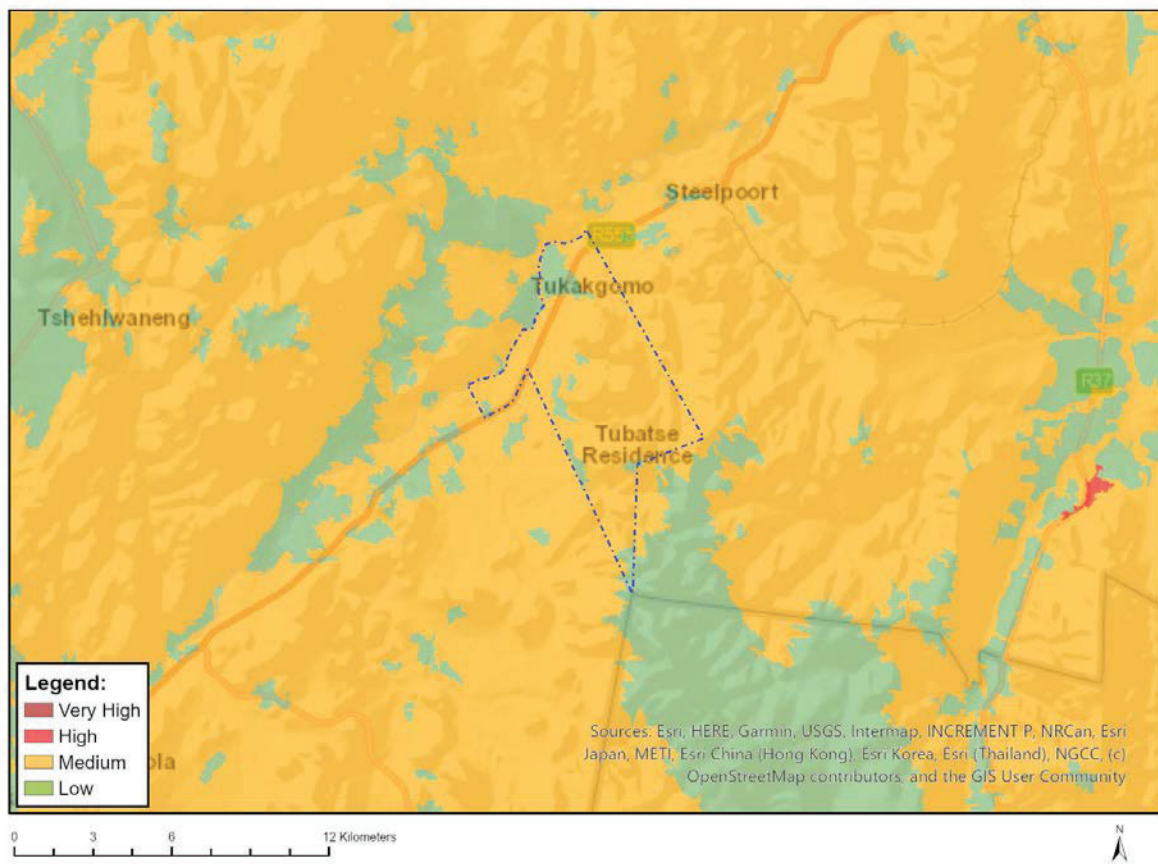


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Features with a High paleontological sensitivity
Low	Features with a Low paleontological sensitivity
Medium	Features with a Medium paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



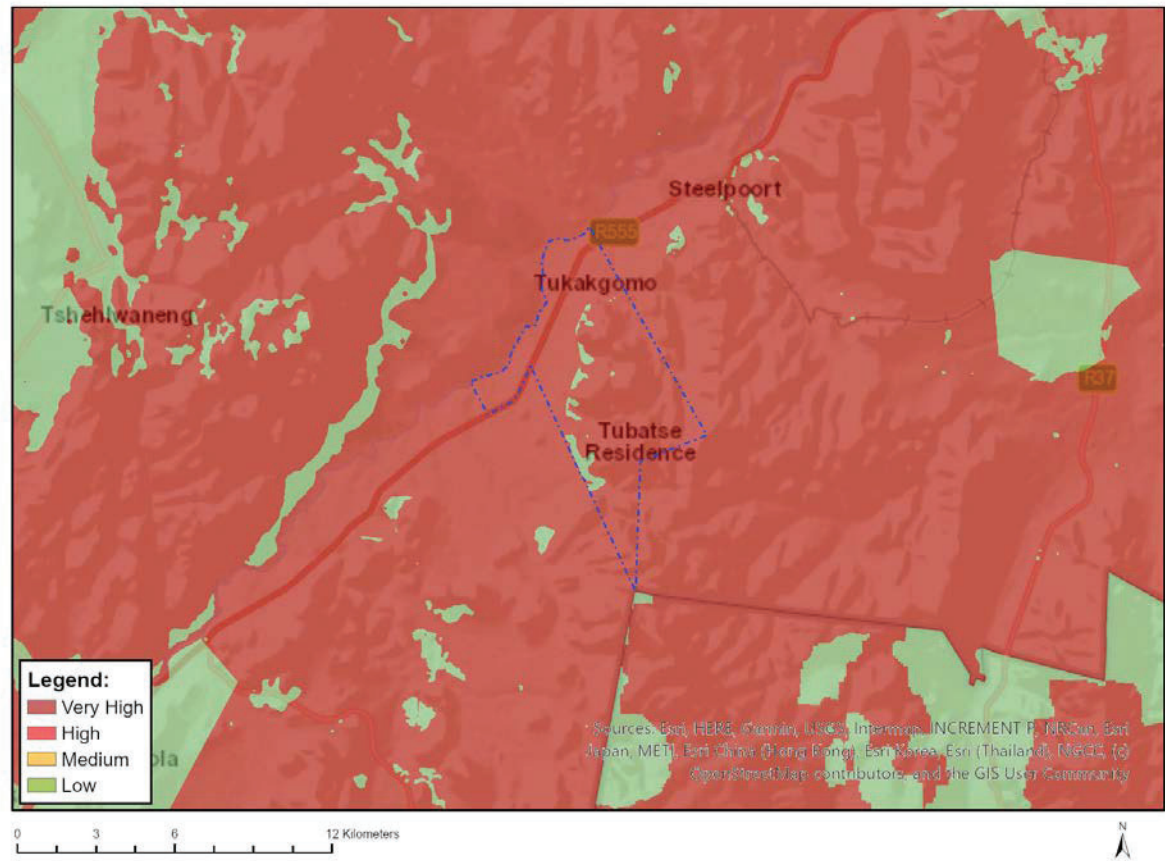
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Sensitive species 1252
Medium	Sensitive species 1033
Medium	Sensitive species 587
Medium	Asparagus fourei
Medium	Polygala sekhukhuniensis
Medium	Sensitive species 1167
Medium	Searsia batophylla
Medium	Searsia sekhukhuniensis
Medium	Combretum petrophilum
Medium	Sensitive species 998

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	CBA 2
Very High	ESA 1
Very High	ESA 2
Very High	National Protected Area Expansion Strategy (NPAES)
Very High	EN_Sekhukhune Plains Bushveld