

Appendix D16_Competenet Authority Comments



Alta Van Dyk Environmental

Postnet Suite No. 745
Private Bag x1007
Lvttleton
1040

Date: 02 December 2024
Enquiries: K.N Mlambo

Dear sir/madam

**NOTICE OF BASIC ASSESSMENT AND WATER USE LICENSE APPLICATION PROCESS
FOR THE PROPOSED AMENDMENT OF MINING RIGHT 80 MR FOR THE EXPANSION OF
THE KWEZI MINING OPERATIONS THROUGH THE INCLUSION OF THE UG SHALLOWS
BLOCKSRUSTENBURG LOCAL MUNICIPALITY, NORTH WEST PROVINCE**

Your Ref: DMRE Reference: NW30/5/1/2/2/80MR Our Ref: NWOU-321-2024

We refer to your letter received 13/11/2024.

This application indirectly affects our Eskom North West Operating Unit, The Eskom affected infrastructures on surface:

RUSTENBURG SMELTERS 88/33kV Substation; RUSTENBURG SHAFT / RUSTENBURG INCLINE 88kV Feeder; RUSTENBURG INCLINE / RUSTENBURG PLATS 88kV Feeder; RUSTENBURG COMPRESSOR / RUSTENBURG INCLINE 88kV Feeder; TRIDENT / PAARDEKRAAL 88kV Feeder

Eskom Distribution will raise no objection to the proposed application, provided Eskom's rights and services are acknowledged and always respected. The response is for the Environmental Impact Assessment process

1. There is 15,5 metres building and tree restriction on either side of the centre line of the 88kV kV power lines, which must be adhered to in all future developments. No construction work may be executed closer than 15,5 meters from any of Eskom's structures and or supporting mechanisms. The separation distance between parallel lines is 21m.
2. All work within Eskom Distribution reserve area and servitudes must be done in accordance with the requirements of the Occupational Health and Safety Act No.85 of 1993 as amended. Special attention must be given to the clearances between Eskom's conductors, structures, cables and electrical apparatus and the proposed work as stipulated by Regulation R15 of the Electrical Installations Regulations of the aforementioned Act or any other legal requirements. The requirements of the OHS Act must be adhered to in conditions where they are existing.
3. Eskom Distribution's services and equipment must be always acknowledged and may not be tampered or interfered with.
4. All work within Eskom Distribution reserve area and servitudes must be done in accordance with the requirements of the Occupational Health and Safety Act No.85 of 1993 as amended. Special attention must be given to the clearances between Eskom's conductors, structures, cables and electrical apparatus and the proposed work as stipulated by Regulation R15 of the Electrical Installations Regulations of the aforementioned, Act or any other legal requirement

5. The Applicants and Eskom's cables must be placed in sleeves encased in concrete across the width of the servitude, at the applicant's expense where frequent excavations occur in the cable area.
6. Eskom Distribution shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether because of the encroachment or of the use of the area where Eskom Distribution has its services, by the applicant, his/her agent, contractors, Employees, successors in title and assigns.
7. The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to interference with Eskom Distribution services or apparatus or otherwise. The applicant's attention is drawn to section 27(3) of the Electricity Act 1987, as amended in 1994, which stipulates that the applicant can be fined and/or imprisoned as a result of damage to Eskom's apparatus.
8. No mechanical equipment, including mechanical excavators, high lifting machinery and drilling equipment, may be used within Eskom's reserve area, or within close proximity of Eskom's services and equipment, without prior permission in writing and supervision of Eskom's authorised area manager for the **NWOU Technical Service Centre Area**;
9. Permission must be obtained at least 10 (ten) working days prior to the commencement of any work within the reserve area.
10. Eskom Distribution shall at all times have unobstructed access to and egress from its services.
11. It will be required of the applicant to familiarise him/herself with all safety hazards related to electrical plant.
12. Eskom's consent will not relieve the applicant from obtaining the necessary statutory, land owner or municipal approvals. (Eskom is not the landowner).
13. Any third-party servitudes encroaching on Eskom servitudes shall have to be registered against the property at the applicant's own cost.
14. The ineffective management and handling of waste is of crucial importance. No dumping shall be allowed within Eskom Distribution Servitudes. All unwanted waste (gaseous, liquid or solids) should be disposed of at a registered waste disposal site as stipulated under Section 20 of the Environmental Conservation Act (Act 73 of 1989).
15. No blasting is permitted. If blasting is needed, an additional application is to be lodged with Eskom Distribution.
16. Any development, which necessitates the relocation of our services, will be to the account of the developer. For the relocation of any services, please contact Eskom Customer Services at **Eskom Contact Centre: 086 00 37566**.
17. Eskom will recover costs from the applicant where any damages of Eskom assets and or any penalties suffered by Eskom occur.

Should the applicant or his contractor damage any of Eskom services during commencement of any work whatsoever, then Eskom's 24 hour Contact Centre Tel: **086 00 37566** must be notified immediately to report the incident.

We thank you and hope you will find the above in order.

Yours faithfully
Katlego Mlambo



For: Belinda Jonasi
LAND DEVELOPMENT MANAGER.



public works & roads

Department:
Public Works and Roads
North West Provincial Government
REPUBLIC OF SOUTH AFRICA

Modiri Molema Road
Old Parliament Complex
Mmabatho, 2735
Private Bag X 2080, Mmabatho,

CHIEF DIRECTORATE: TRANSPORT INFRASTRUCTURE

Enq: K A Sitase

DIRECTORATE: PLANNING AND DESIGN

Ref: R42_1-1-3-1_80 MR_Sibanye RPM

ALTA VAN DYK CORPORATE

Private Bag X1007

Lytttleton,

1040

For attention: **Mabirimisa Consulting and Projects (Pty) Ltd**

SUBJECT : COMMENTS/ CONSENT IN TERMS OF ACT NO 21 OF 1940 AND ROADS ORDINANCE NO 22 OF 1957 AS AMENDED: NOTICE OF CONSULTATION BASIC ASSESSMENT AND WATER USE LICENSE APPLICATION PROCESS FOR THE PROPOSED AMENDMENT OF MINING RIGHT NW 80 MR AND THE EXPANSION PF THE KWEZI MINING OPERATIONS THROUGH THE INCLUSION OF THE UG SHALLOWS BLOCKS (A & B) SITUATED IN RUSTENBURG LOCAL MUNICIPALITY, NORTH WEST PROVINCE

AFFECTED PROVINCIAL ROAD (S) : D108_010
MUNICIPALITY : RUSTENBURG LOCAL MUNICIPALITY
TOWN/ TOWNSHIP/ FARM : AS PER ATTACHED LOCALITY MAPS
REGISTRATION NUMBERS : NW30/5/1/2/2/80 MR
CLIENT(S)/ APPLICANT : SIBANYE RUSTENBURG PLATINUM MINES (PTY) LTD (SRPM)

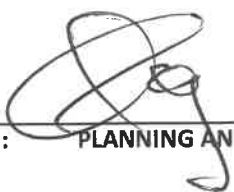
Your Notice Letter dated **30 September 2024** has reference. The comments/ consent are issued in terms of the **Advertising on Roads and Ribbon Development Act, Act No 21 of 1940** and the **Roads Ordinance No 22 of 1957, as amended**.

There is no objection to the proposed development, subject to the strict adherence of the attached Specific and Special Conditions and should form part of the proposed planning/ development, also that the conditions/requirements listed below are imposed and met in all respects by the applicant:



NOTE : A written confirmation of acceptance of the attached conditions is required. In the event of not receiving a written acceptance of conditions, the approval is withdrawn and this approval is cancelled.

Yours faithfully



DIRECTOR : PLANNING AND DESIGN

Mr. MSL NTLATLENG

14/10/24

DATE



GENERAL CONDITIONS FOR THE PROPOSED DEVELOPMENT

NB : This wayleave is granted in favour of: **SIBANYE RUSTENBURG PLATINUM MINES (PTY) LTD (SRPM)**.

1. EXISTING AND FUTURE/ PLANNED PROVINCIAL ROADS

The existing and future/ planned provincial road(s) should be excluded from the proposed development(s). For more information see the attached **Locality Map_NW 30-5-1-2-2_80 MR_Sibanye RPM**.

2. ACCESS TO THE PROPOSED DEVELOPMENT

The existing access(es) to the affected land i.e. **Locality Map_NW 30-5-1-2-2_80 MR_Sibanye RPM** will be utilised/ used for the above-mentioned development(s).

No additional access (es) will be allowed to Provincial Road(s) **D108_010** at all, without the written approval of the Controlling Authority (Department of Public Works and Roads).

3. NOTIFICATION TO THE DEPARTMENT

The **Department of Public Works and Roads (dpwr)** should be notified (with appropriate detailed plans) about any of the intention or planning and before the commencement thereof of the following: -.

- a. Construction of Permanent or Temporary Access(es) from any of the Provincial roads.
- b. Construction of any structures e.g. Buildings along the any of the Provincial roads.
- c. Closing and or Deviation of section(s) of the Provincial roads.
- d. Erection of Advertisement along the Provincial roads.
- e. Working inside the Road Reserves of any of the Provincial roads.
- f. Temporary or Permanent Closure of Traffic on either of the affected roads.
- g. Erection and or Construction of Overhead and or Underground Services e.g. Water & Sewarage pipe lines, Electrical and Telephone Cable Lines across or parallel to the provincial roads.
- h. Trees, Shrubs, Cultivated Grass, Gates or Road Fencing, and or any Road Signage and Furniture to be removed or damaged within the Provincial Road Reserve. If such assets are removed or damaged you will have to replace them to the entire satisfaction of the **Department of Public Works and Roads**.



4. BUILDING LINE

Except where the approval has been granted for services crossing and or development along the provincial road (s), it may be in terms of **Section 9 of the Advertising on Roads and Ribbon Development Act (Act 21 of 1940, as amended)** not to be laid nearer than **95m** from the centre line of the Road Reserve or within a **500m** radius measured from the centre line of the junction of a building restriction Road Reserve (except a National/ Municipal and or Private road), without the specific permission of the **Department of Public Works and Roads**.

*For any **SPECIAL/ SPECIFIC CONDITIONS** see **Clause 5** below.*

5. SPECIAL/ SPECIFIC CONDITIONS FOR THE PROPOSED DEVELOPMENT

Your proposed development is hereby granted subject to the strict adherence of the conditions/requirements listed below and all Safety Measures by the applicant/ and or his contractors/ suppliers:

a. ABNORMAL TRUCKS/ EQUIPMENTS

Department of Public Works and Roads should also be notified with any of the intention of **transporting abnormal trucks/ equipments** on any of the above stated provincial road(s).

b. BLASTING/ EXPLOSIVE OF ROCKS

Any unstable conditions encountered or any rock requiring blasting to be reported directly and immediately to the *Departmental Roads Engineer/ Manager*.

Blasting to be done in accordance with the current applicable Explosives Regulations (e.g. Act No 26 of 1956) and possible damage to the road must be excluded as far as possible.

Any damage to the road caused by unstable soil conditions (subsidence, etc.) or blasting must be repaired to the satisfaction of the: *Departmental Roads Engineer/ Manager*.



c. INDEMNITY OF THE PREMIER AGAINST CLAIMS

- i. You indemnify the **PREMIER OF NORTH WEST** and exempt him from any claim or damage which may be instituted or suffered by any person, including legal costs, as a result of the laying or erection of any service or any other works caused or erected by you, or as a result of negligence on your part to protect or maintain the service or other works caused by any other person unless you can prove negligence on the part of Department of Public Works, Roads and Transport or its officials.
- ii. The Department of Public Works and Roads will not be liable for any damage suffered by the applicant as a result of the development, operations carried out on road construction or road maintenance or any other operations whatsoever, unless negligence on the part of Department of Public Works, Roads and Transport or its officials can be proved.
- iii. The applicant shall indemnify the Department of Public Works and Roads or its officials and workers against any claims arising out of any death of or injuries to any person or damage to any property whatsoever (including services such as water pipes, telephone and or electric cables, etc,) caused by or resulting from the activities of the applicant in the road reserve.

d. ROAD RESERVE WIDTHS OF THE AFFECTED PROVINCIAL ROADS

Provision must be made for the following road reserves/ streets and must be excluded from the proposed development:

- i) Road **D108_010** with the road reserve width of about **62m**

e. BUILDING LINE RELAXATION

The *Department of Public Works and Roads (DPWR)* is hereby grant the **minimum relaxation of the building line** from the **Standard 95m** as stated by **Clause 4: Standard Building Line** above as follows.

Also see the attached *Sketch Plans Road Reserve Width(s)*.

- i. **Road Reserve Width of 62m** : The Building Line Relaxation is **45m** from the centre of the Road Reserve; (*i.e. 15m from road reserve boundary*).



f. LAND USE ALONG THE ROAD(S)

- i. No structure (Poles, Struts, Stays, Manholes, etc.) will be erected and or allowed inside any of the provincial road reserve(s), without the approval from this Department indicating the correct location/ position of the proposed development.
- ii. Land use of even build on the lines of no access shall be in accordance with the requirements of Executive Committee Resolution 1112 of 26 June 1978.
- iii. The applicant shall not erect/ built either permanent or temporarily structures, and or any informal structures along the above-mentioned provincial roads inside the road reserve until he has obtain written approval from the Deputy Director General: Department of Public Works and Roads (Dpwr) to do so

6 REPONSIBILITY FOR THE COST OF (ACOUSTIC SCREEING) NOISE BARRIER

The applicant shall be responsible for any costs involved in the erection of Acoustic Screening (Noise Barrier).

7 ACCEPTANCE AND DISPOSAL OF STORM WATER

- 7.1** In terms of **Section 84 of the road Ordinance, 1957**, the applicant shall arrange the drainage of the proposed development(s) in such way that it fit in with the drainage of the **affected provincial Road (s)**, taking into account the capacity of the system.
- 7.2** The applicant/ local authority or whoever responsible for the drainage of the proposed development(s) shall receive and dispose all the storm water running from the road or being diverted from the **affected** road(s).
- 7.3** The state or the Provincial Administration will not be responsible for any damage caused by arising from such storm water.



7.4 Where, in the opinion of the Deputy Director General: Department of Public Works and Roads, the system for the above-mentioned road(s) is too small to cope with any increased volume of the storm as a result of the establishment or proposed development(s), the applicant/ local authority (whoever responsible for the drainage) shall be responsible for the cost of installing a larger drainage system for the affected provincial Road(s).

7.5 The applicant/ local authority or whoever responsible for the drainage of the proposed development(s) shall built/ construct the drainage scheme at own cost simultaneously with the construction of the access (es).

8. PARKING

No parking shall be allowed in the road reserve of the provincial road **D108_010**.

9. PROPERTY RIGHTS/ SUCCESSOR-IN-TITLE

The **conditions of this wayleave are applicable to you** as well as **your successor-in-title** (*where applicable*). If property rights of your service be transferred to any other person or institution, **it will be your responsibility to bring the contents of this wayleave to the attention of your successor-in-title** as the conditions of this wayleave together with your property rights will be transferred to your successor-in-title and will still be applicable.

10. THE RIGHT TO WITHDRAW THIS PERMISSION

The North West Provincial **Department of Public Works and Roads** reserve the right to withdraw this permission immediately and to remove/ demolish the proposed development if any of the preceding conditions are not complied with; and it is also reserve the right to alter or revoke these conditions at any time.

11. VALIDITY PERIOD

The work must be done within twelve months from the date of this Approval Letter. If for any reason at all, the work is delayed for a longer period, extension of time must be requested in writing or a new application will have to be submitted.



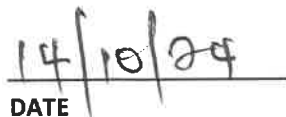
12. This comments/ consent is issued/ granted in terms of the Advertising on Roads and Ribbon Development Act (Act 21 of 1940, as amended) and the Roads Ordinance (Ordinance 22 of 1957, as amended) and its Regulations; and **does not exempt you from the provisions of any other law.**

It will be appreciated if you would kindly ensure that all the above conditions are included in the proposed and intended development(s). Should you have any question and or clarification in regard to the above-mentioned, please do not hesitate to contact this Department.

Yours faithfully



DIRECTOR : PLANNING AND DESIGN
Mr. MSL NTLATLENG



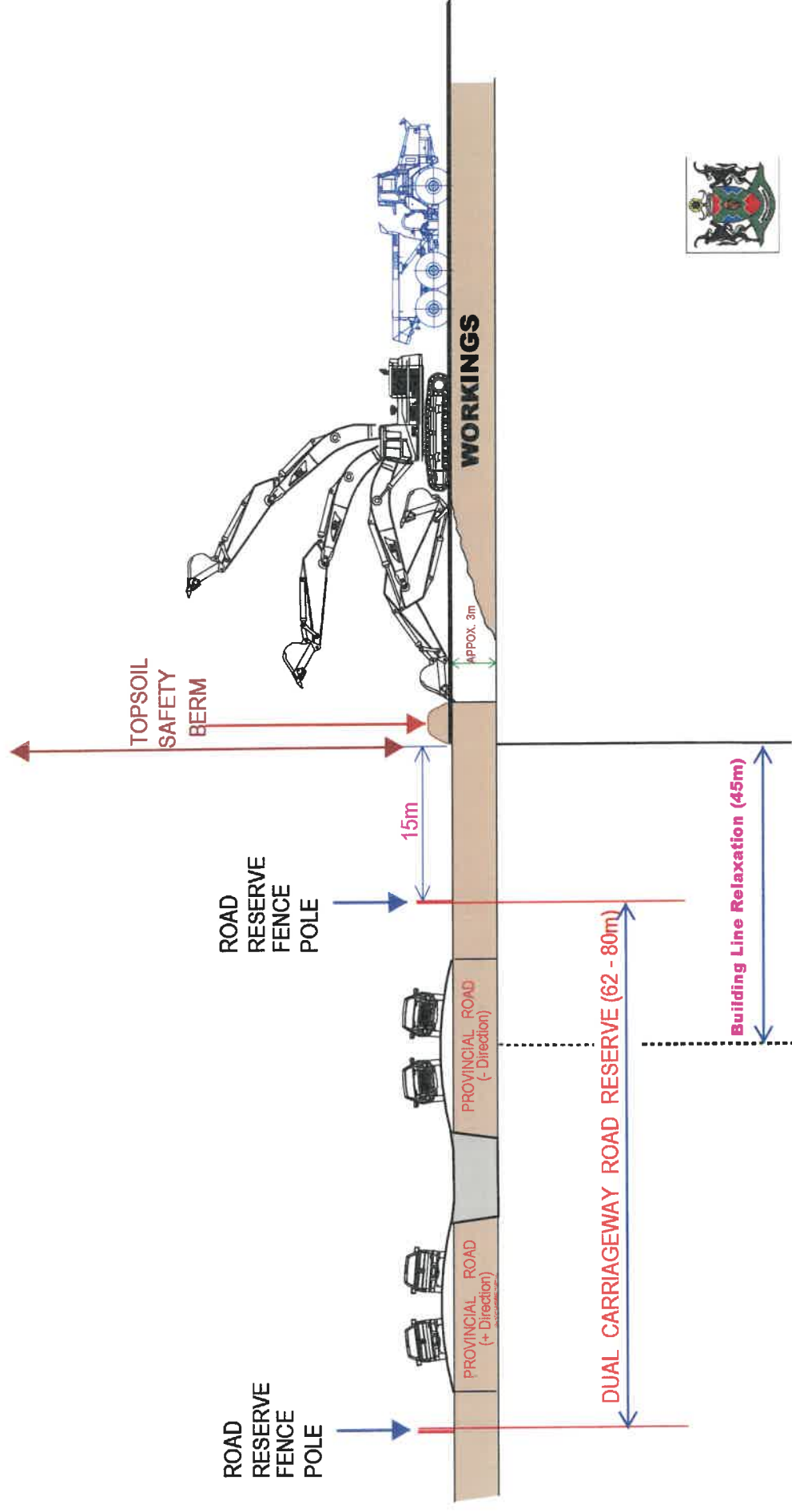
DATE

Attached : Typical Plan No: **NWP 3/2; 3/3; 3/4 & 5 /1**
: **Kwezi_Property_Map_Potrait_Rev1 & 2**
: **Google_NW 30-5-1-2-2_80 MR_Sibanye RPM**
: **Locality Map_NW 30-5-1-2-2_80 MR_Sibanye RPM**
: **Sketch Plan_62-80m Rd Reserve Building Line Relax_Mining**

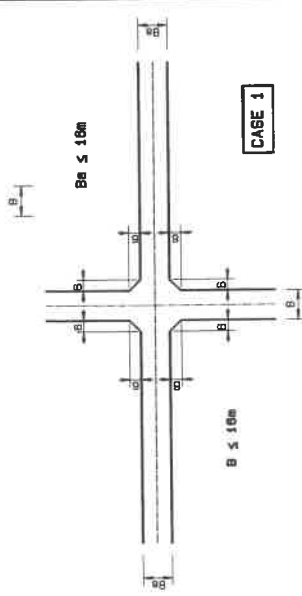


MINIMUM BUILDING LINE RELAXATION

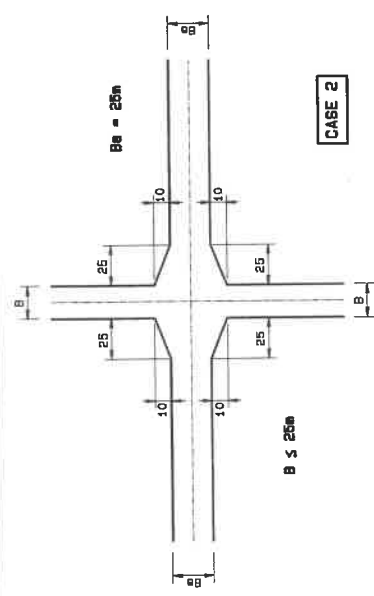
FILLING STATION ALONG PROVINCIAL DUAL CARRIAGEWAY ROAD



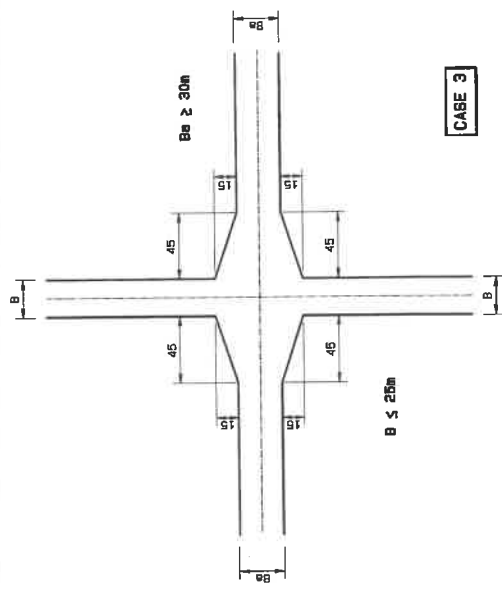
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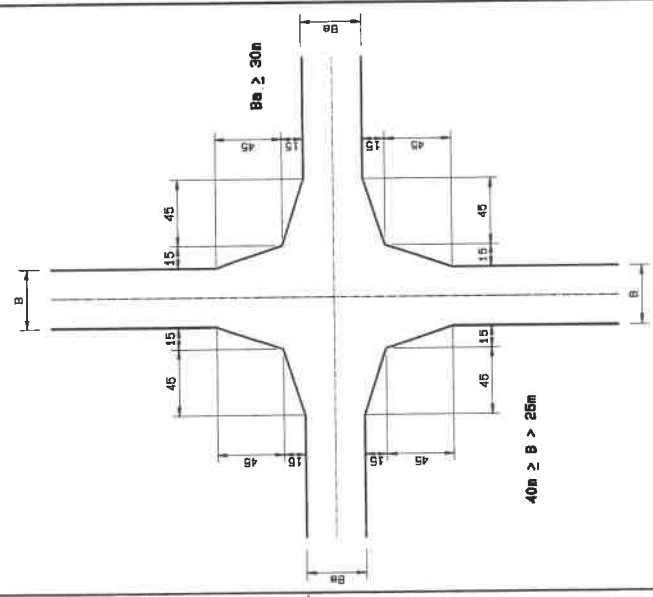
CASE 1



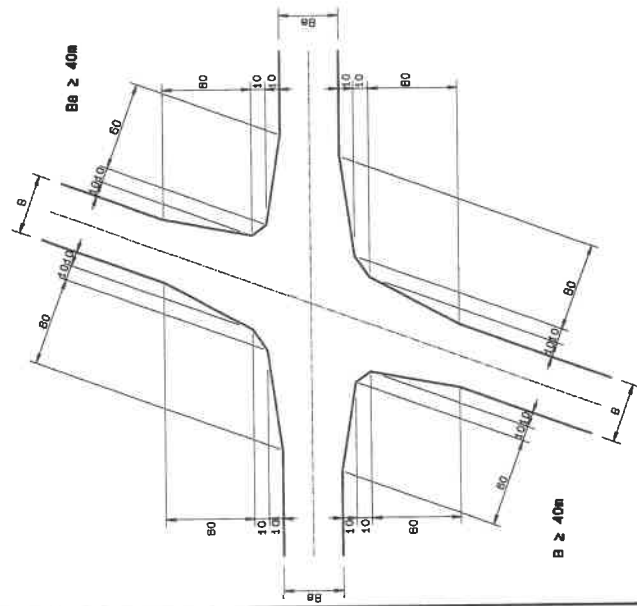
CASE 2



CASE 3



CASE 4
(SEE TABLE)



CASE 5
SHOWING SKEW JUNCTION

APPLICATION OF DIFFERENT CASES									
		MAIN ROAD (Bm)							
JUNCTION ROAD (B)	MIN ROAD RESERVE WIDTH (m)	8	16	25	30	40	48,4	68	
	B	14*	14*	2	3	3	3	3	
8									
16			14*	2	3	3	3	3	
25				2	3	3	3	3	
30					4	4	4	4	
40						4 (15)**	4 (15)**	4 (15)**	
48,4							4 (15)**	5	
68								4 (15)**	5

* MINIMUM SPLAY SHOULD BE 6m x Bm (SYMMETRIC). THE REQUIREMENT IS THAT A SIGHT VEHICLE MUST BE ACCOMMODATED UNLESS THE LOCAL AUTHORITY REQUIRES OTHERWISE.

** CASE 3 ONLY TO BE USED WHEN BOTH ROADS ARE DUAL CARTRIDGEWAY ROADS.

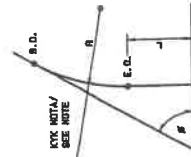
NOTES:
1. THE DESIGN SPEED, CASES 1 AND 2 SHOULD BE DETERMINED IN CONSULTATION WITH THE LOCAL AUTHORITY.
2. THE DESIGN VEHICLE TO DETERMINE THE TURNING MOVEMENTS AT JUNCTIONS SHOULD BE A 10m LONG VEHICLE WITH A 10m WHEELBASE. THE ROAD RESERVE MUST BE ADJUSTED ACCORDINGLY. FOR JUNCTIONS TO INDUSTRIAL AREAS A SIGHT VEHICLE MUST BE USED. ALL ROAD RESERVE DIMENSIONS MUST BE MAINTAINED BETWEEN THE VERGES AND THE ROAD RESERVE BOUNDARY. ADDITIONAL LINES AND CHANGING AS REQUIRED.

SCALE IN REDUCED DRAWING	APPROVED BY	SCALE	SHEET 1 OF 1 SHEET
100m IN ORIGINAL DRAWING	for HEAD OF DEPARTMENT	N T S	
Date:		PLAN NO: NWP 5/1	

Department of Roads and Public Works
North West Province
Directorate: Roads

TYPICAL DETAILS OF ROAD RESERVE SPLAYS AT INTERSECTIONS

No.	DATE	AMENDMENTS	N.W.P.



= DEFLECTION ANGLE SMALLER THAN SAFE.
L = STOPPING SIGHT DISTANCE FOR DESIGN SPEED OF JUNCTION ROAD.
A MINIMUM LENGTH OF 100m IS DESIRABLE.
R = CORRESPONDING RADIUS FOR A SPEED 100km/h LOWER THAN THE DESIGN SPEED FOR THE MAIN ROAD.
S = THE BEST OF THE JUNCTION ROAD

DESIGN SPEED Km/Hr	STITCH DISTANCE mm (in)	NOTE
50	150	
55	160	
60	170	
70	210	
80	240	
90	270	
100	300	
110	330	
120	360	

VALID FOR FLAT BRAIDERS & 3X

VALID FOR FLAT GRADES & 30

1. SHUNTOUT ON BOTH RAILS SHOULD NOT BE MORE THAN 30" APART, ESPECIALLY ON THE JUNCTION ROAD.
2. THE DISTANCE BETWEEN THE SHUNTOUTS SHOULD BE 100' TO 150'.
3. THE DESIRED NORMAL SHUNT DISTANCE IS 300'. ANY DEVIATION MUST BE REMARKED WITH FULL REASONING THEREON.
4. THE SHUNTOUTS SHOULD BE WELL MOTIVATED DIFFERENCES MAY BE CONSIDERED.
5. A PARALLEL LANE, 5' WIDE IN LENGTH (TAPERS INCLUDED) SHALL BE PROVIDED AFTER EACH SHUNTOUT. THE TAPER SHALL BE PROVIDED AT AN ANGLE OF 1:1. THE TAPER SHALL BE 10' LONG.
6. A PARALLEL LANE, 5' WIDE IN LENGTH (TAPERS INCLUDED) SHALL BE PROVIDED AFTER EACH SHUNTOUT. THE TAPER SHALL BE PROVIDED AT AN ANGLE OF 1:1. THE TAPER SHALL BE 10' LONG.
7. ALL MAINT FOR KERRING IS REFERRED TO THE FACING SIGNAL BE ADAPTED TO ENSURE A MINIMUM TRAILING OF 7' 6".
8. ON THE ANGLE OF INTERSECTION THE SIGNAL SHALL BE ADAPTED TO ENSURE A MINIMUM TRAILING OF 7' 6".

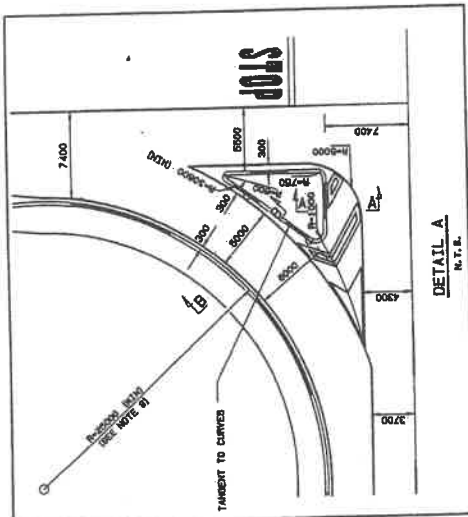
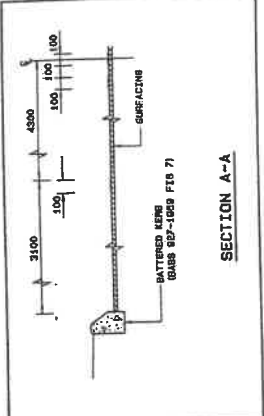
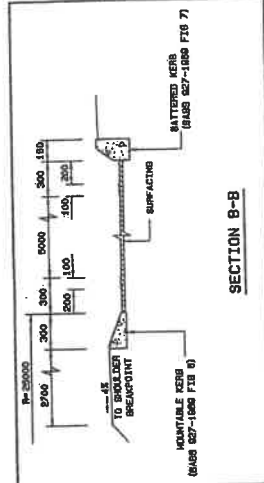
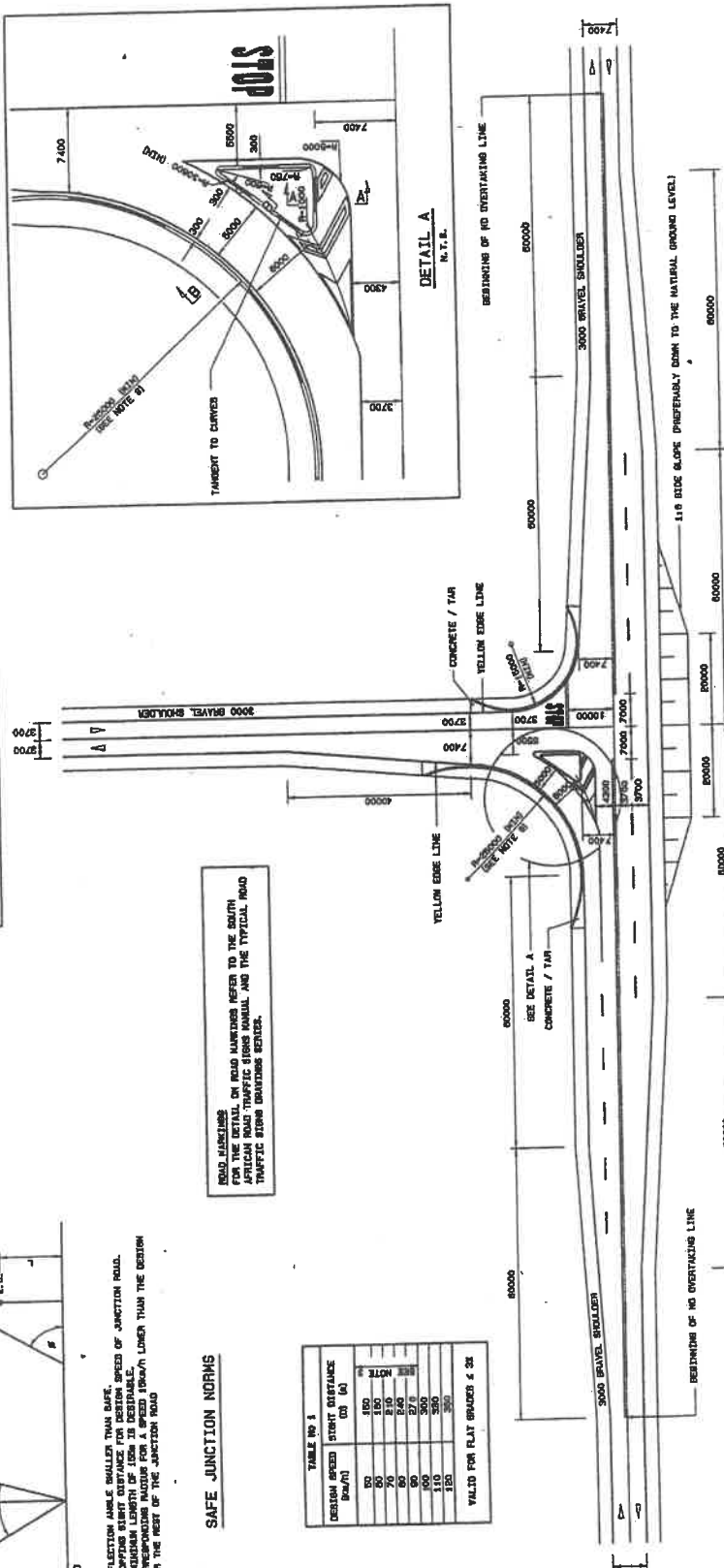


Figure 1: Case 1. A plan view of a proposed road layout. The layout shows a main road with a 'ROAD RESERVE BOUNDARY' and 'FARM ACCESS' points. A 'VARIABLE' section is indicated at the top. Dimensions include 12000, 5000, 8000, 15000, 20000, 38000, and 28000. A 'SEE NOTE 4' label is present. The layout is labeled 'CASE 1'.

[illegible]

CASE 3

ANGLE OF JUNCTION:
 <A> 73°
 80°

PRESENT ROAD RESERVE BOUNDARY

EXISTING / FUTURE ROAD RESERVE BOUNDARY

SEE NOTE 2

SEE NOTE 4

FUTURE STREET ACCORDING TO TOWNSHIP LAYOUT

STATIONING: 3000, 3200, 3400, 3600, 3800, 4000, 4200, 4400, 4600, 4800, 5000, 5200, 5400, 5600, 5800, 6000, 6200, 6400, 6600, 6800, 7000, 7200, 7400, 7600, 7800, 8000, 8200, 8400, 8600, 8800, 9000, 9200, 9400, 9600, 9800, 10000

VERTICES

100000

ANGLE OF JUNCTION:	
α	75°
β	80°

ANGLE OF JUNCTION:	
∞	75°
ϕ	80°

5000P CM CRITICAL GRATING

LAYOUT OF ACCESS ROAD INTERSECTIONS

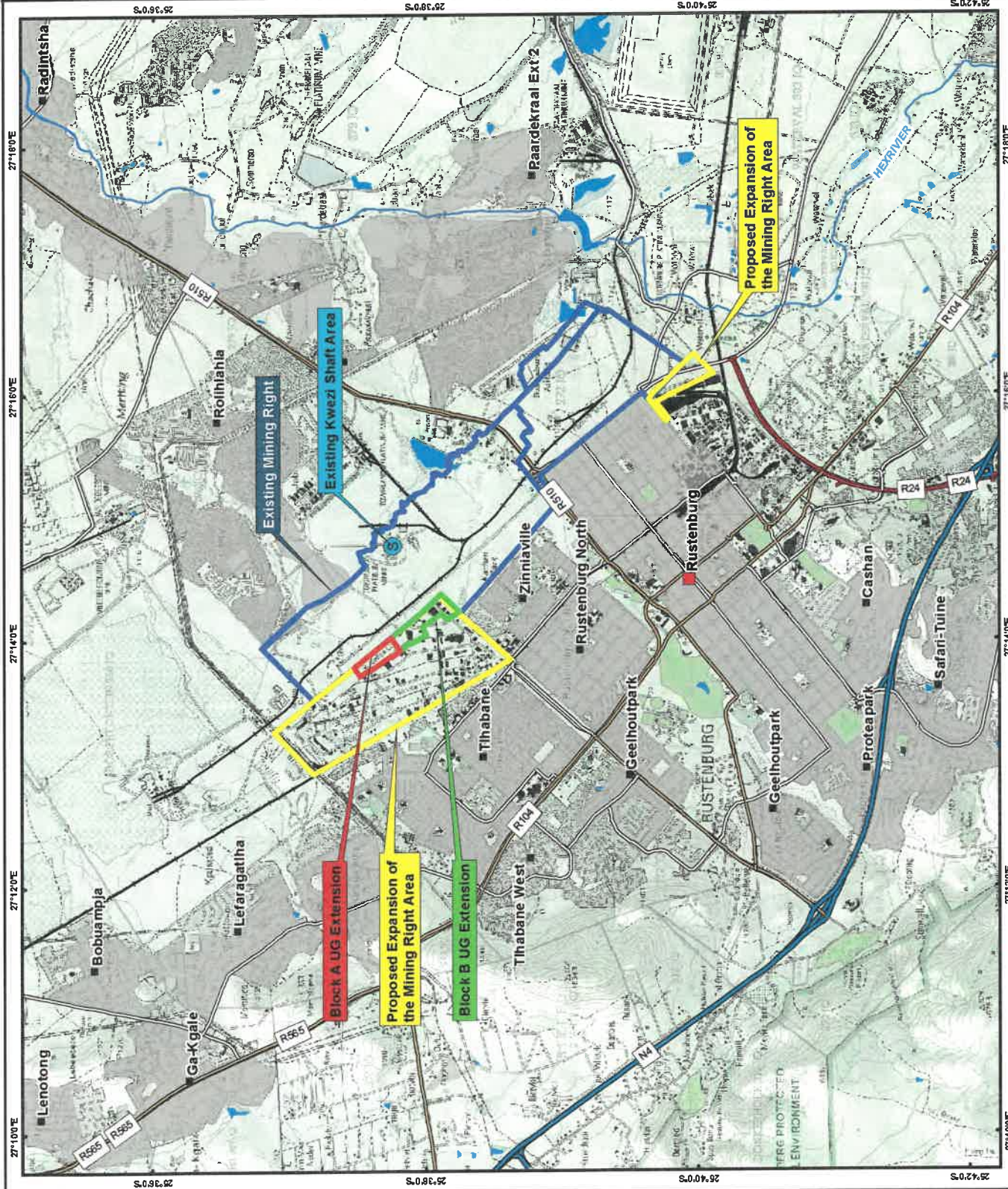
Department of Roads and Public Works
North West Province
Directorate: Roads

SCALE
N T S

SHEET 1 OF 1 SHEET

for HEAD OF DEPARTMENT

PLAN NO: **NWP 3/2**



Legend

- Proposed Expansion of the Mining Right Area
- Block A UG Extension
- Block B UG Extension
- Existing Mining Right Area
- Existing Kwezi Shaft Area
- City
- Town
- Suburb
- Motorway
- Primary Road
- Secondary Road
- Tertiary Road
- Railway
- Perennial River
- Built Up Areas
- Open Areas
- Water Area

SCALE: 1:70 000

0 1 2 3 Kilometers

N

TITLE

Locality Map

Figure 1

CLIENT

Sibanye-Stillwater

DATE: Sep 2024	PROJECT: PRELIMINARY
DRAWN: AT	APPROVED: AVO
MAP	REV: 1
Kwezi Locality Map_Rev1	

Alta van Dyk Environmental Consultants cc (2011/050764/23)

VAT No 4800259923

Tel: 012 940 9457

Fax: 086 034 3367

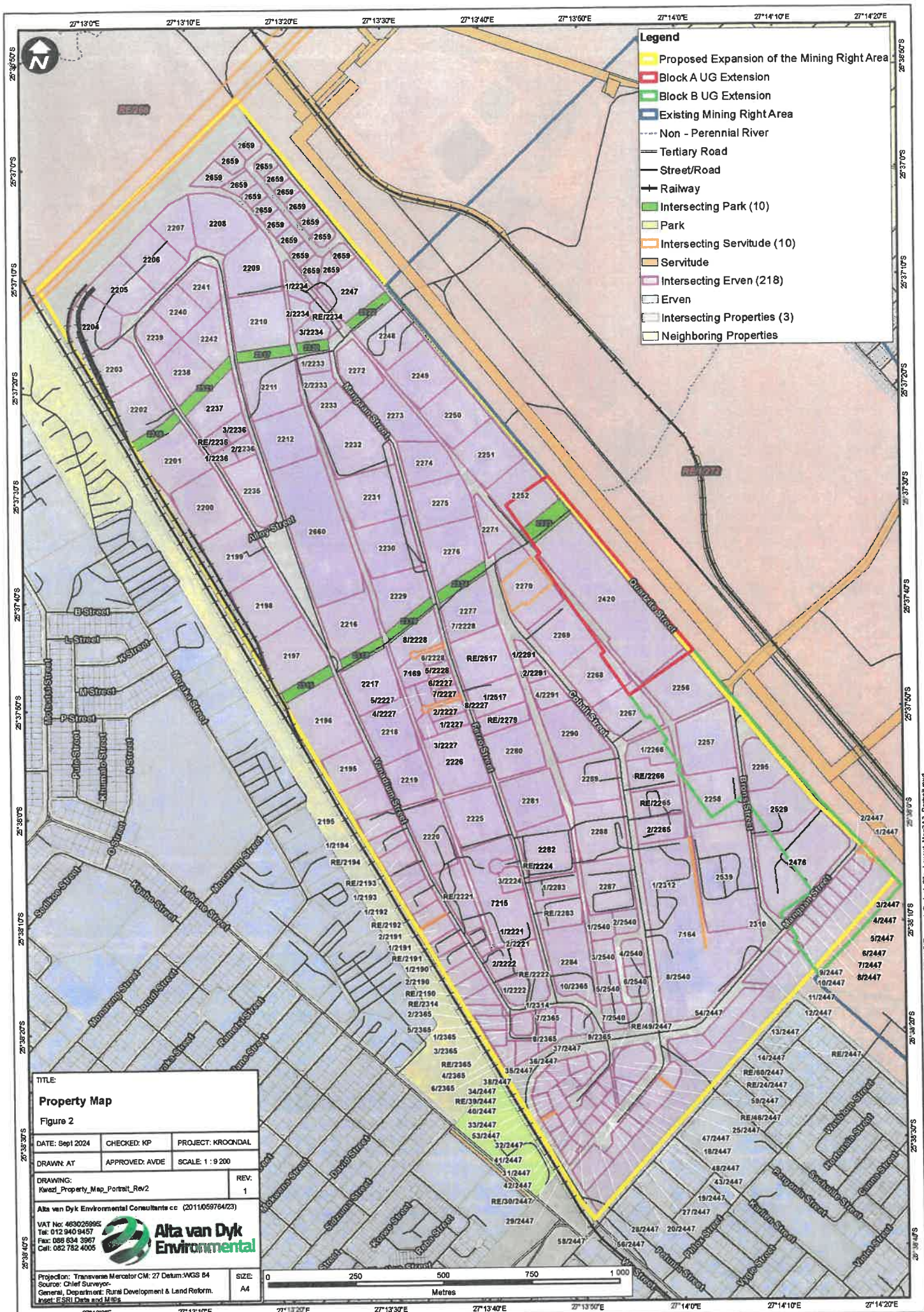
Cell: 082 762 4026

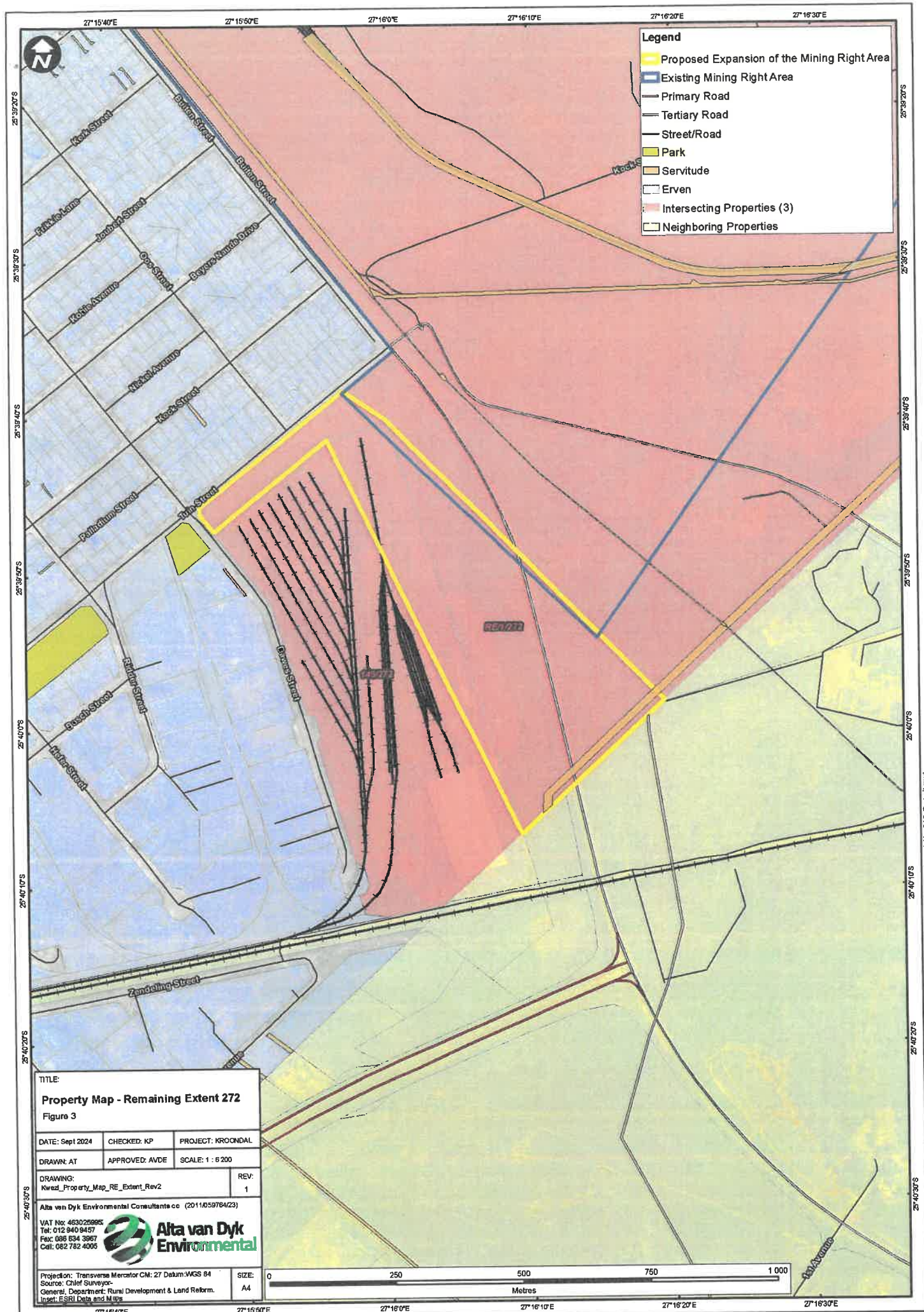
Projection: Transverse Mercator, S. 27 Datum WGS 84

Source: Chief Surveyor General, Department of Rural Development and Land Affairs, 2010, 2015, 2016, 2017

Inset: ESR Data and Maps

SIZE: A4





TITLE:
Property Map - Remaining Extent 272
Figure 3

DATE: Sept 2024	CHECKED: KP	PROJECT: KROONDAL
DRAWN: AT	APPROVED: AVDE	SCALE: 1 : 6 200
DRAWING: Kroondal_Property_Map_RE_Extent_Rev2		REV: 1

Alta van Dyk Environmental Consultants cc (2011/059764/23)

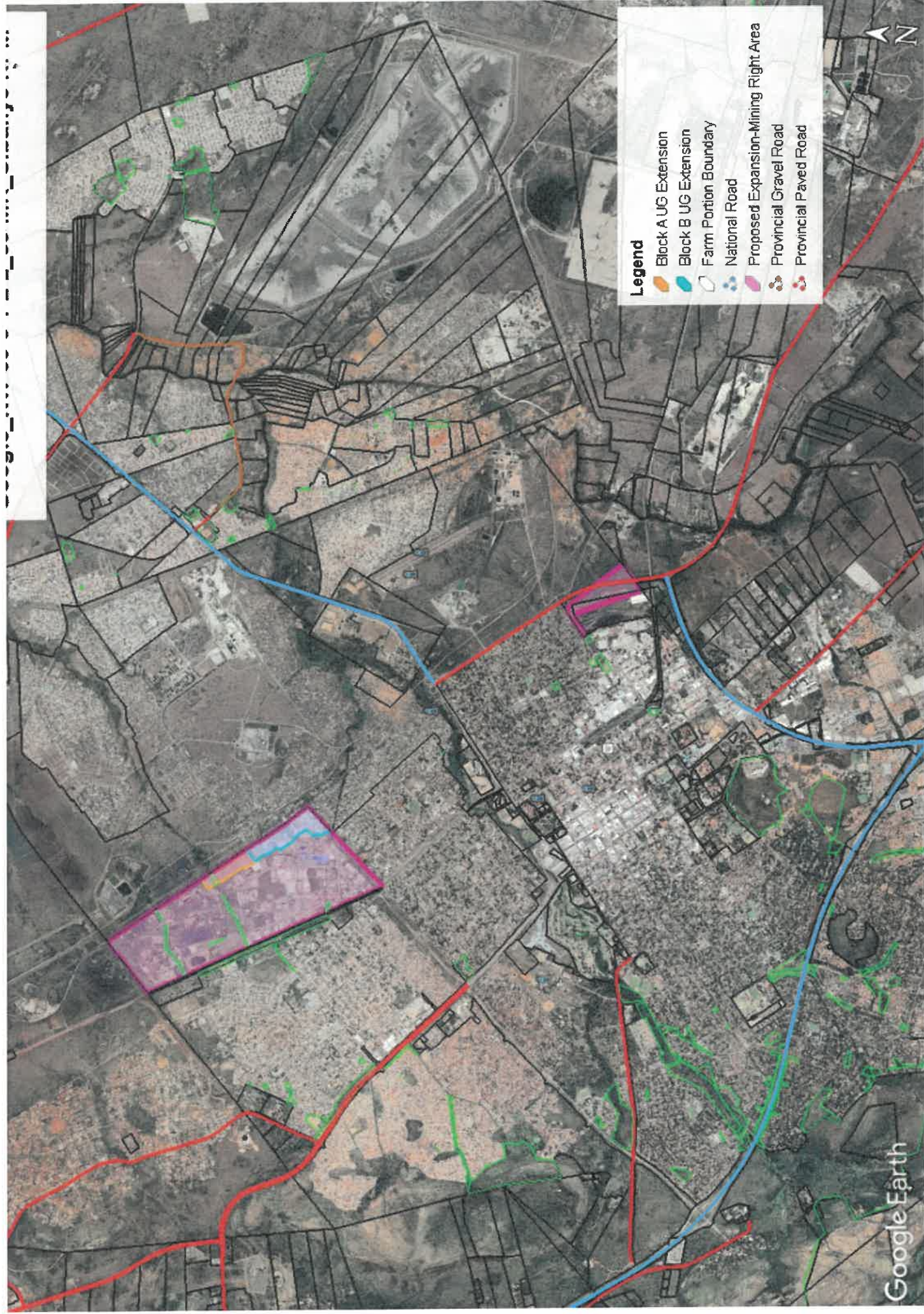
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 Fax: 086 634 3067
 Cell: 082 782 4005

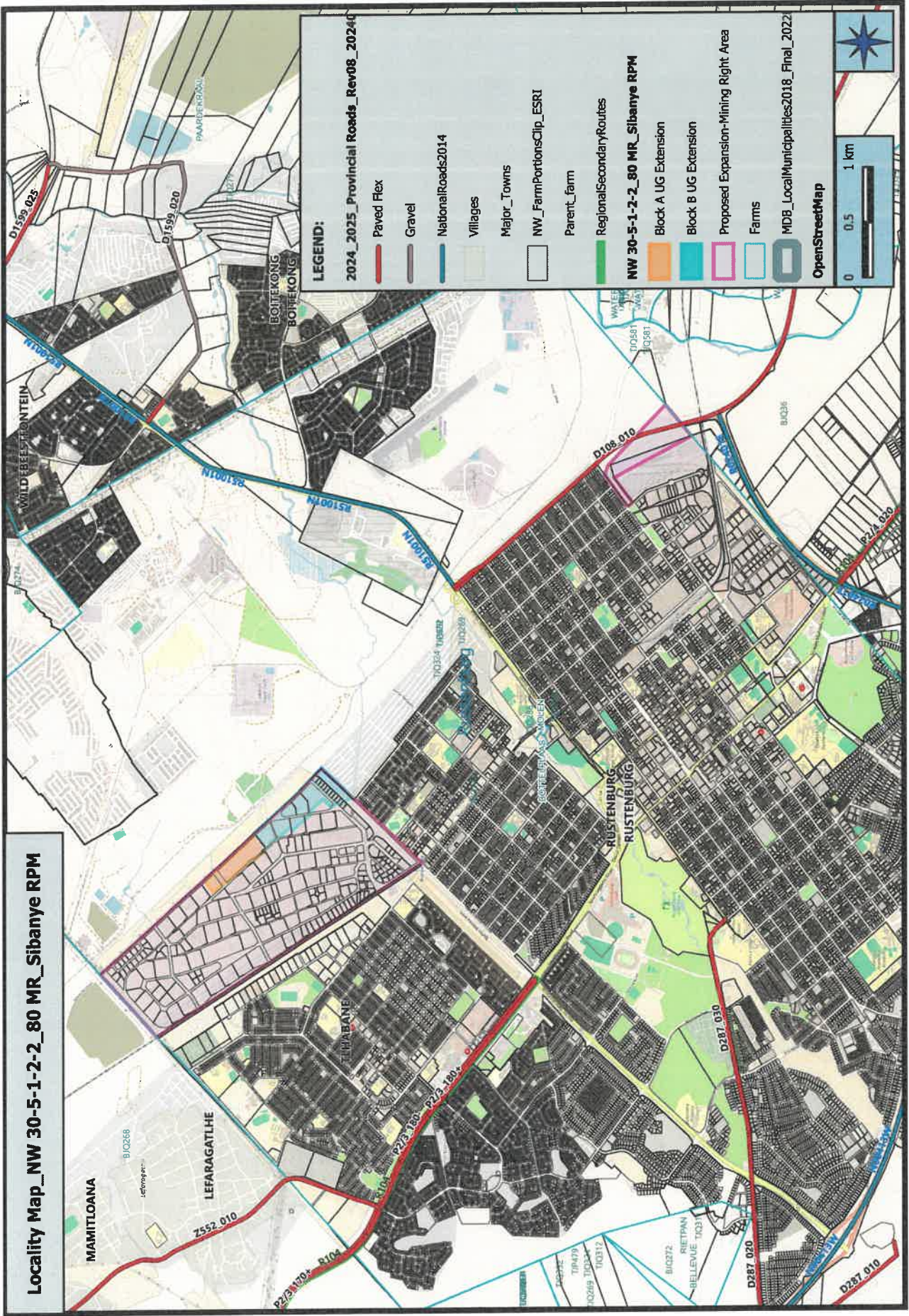
Alta van Dyk Environmental

Projection: Transverse Mercator CN: 27 Datum: WGS 84
 Source: Chief Surveyor-
 General, Department: Rural Development & Land Reform.
 Inset: ESRI Data and Maps

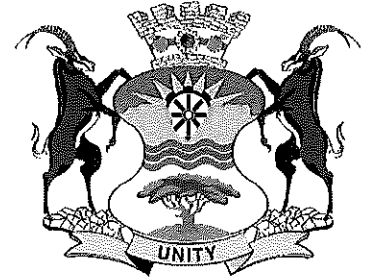
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 Metres



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RUSTENBURG
LOCAL MUNICIPALITY
OFFICE OF THE DIRECTOR
DIRECTORATE: COMMUNITY DEVELOPMENT
P O Box 16. Rustenburg. 0300. North West Province. South Africa



26 November 2024

Enq: Kelebogile Mekgoe

Attn: Kirthi Peramaul
Alta van Dyk Environmental (Pty) Ltd
Postnet Suite #745
Private Bag X1007
0140

**DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED AMENDMENT OF
MINING RIGHT AND THE EXPANSION OF THE KWEZI MINING OPERATIONS
THROUGH THE INCLUSION OF THE UG SHALLOWS BLOCKS (A & B)
NW30/5/1/2/2/80 MR.**

The Directorate of Community Development within the Rustenburg Local Municipality (Unit: Integrated Environmental Management) acknowledges the receipt of the Basic Assessment for the proposed amendment of mining right and the expansion of the Kwezi Mining operations through the inclusion of the UG shallows blocks (A & B). The proposed project is for the expansion of the existing underground mining area at the Kwezi shaft.

Sibanye Rustenburg Platinum Mines (SRPM) intends to expand the Mining Right Area, through the incorporation of an area over a portion of remainder of Portion 1 and portion 127 (now known as Rustenburg Ext. 9) of the farm Rustenburg Town and Townlands 272 JQ. The proposed expansion area lies at the border of the SRPM mining right and can be mined from the Kwezi shaft.

The proposed Block A will cover an area of approximately 14 hectares and Block B comprise of approximately 22 hectares and the depth of the UG2 in both Blocks ranges between 40m and 80m. The proposed mining method that will be undertaken, is the room and pillar mining method through the use of mechanised mining.

The proposed expansion of the mining right area, with the mining of UG2 Blocks A and B, will be in order to increase the production and life of mine for the Kwezi Shaft. The Kwezi shaft is currently considered to be on their production decline phase with the expected life of mine to be until 2029.

The Kwezi Shaft is currently operational with the ore being hauled for processing to the Kroondal concentrators via an existing surface rail network.

No new infrastructure will be required as the existing surface infrastructure at Kwezi shaft will be utilised to access the Blocks (A & B).

The proposed development is listed in terms of the National Environmental Management Act, (NEMA, Act 107 of 1998), 07 April 2017, as amended. The development triggered Regulation GNR. 326, Listing Notice 1 (GN R 327) Activity 21D: *Any activity including the operation of that activity which requires an amendment or variation to a right or permit in terms of section 102 of the Mineral and Petroleum Resources Development Act, as well as any other applicable activity contained in this Listing Notice or in Listing Notice 3 of 2014, required for such amendment.*

Listing Notice 1, Activity 34: *The expansion of existing facilities or infrastructure for any process or activity where such expansion will result in the need for a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions, effluent or pollution.*

During the site inspection undertaken by the Unit: Integrated Environmental Management, and the Environmental Assessment Practitioner (EAP) and Sibanye Stillwater Rustenburg Platinum Mine, the following were noted:

- The proposed site is highly developed with several warehouses and offices.
- There is Glencore Smelter within the study area.
- There is a man-made canal that runs through, one of the project site, and crosses the road, running into a wetland area.
- Other infrastructure includes electrical powerlines on site.

The Unit: IEM is satisfied with the aforementioned application, and wishes to submit the following recommendations:

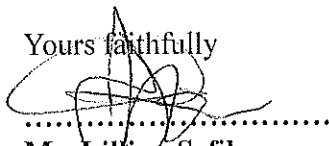
- All mitigation measures and the recommendations contained in the Basic Assessment Report for the proposed activities must be implemented.
- The contents of the EMP must be made known to personnel, contractors and subcontractors associated with the project.
- Underground mining causes huge amounts of waste earth and rock to be brought to the surface- waste that often becomes toxic when it comes into contact with air and water.
- Underground mining might cause land subsidence as mines collapse and the land above it starts to sink, and this might cause serious damage to buildings.
- The water table might be low, that will lead to water resource destruction and also the contamination of drinking water.
- That the groundwater monitoring and management plan be put in place by SRPM.

The applicant must be responsible for compliance with the provisions for duty of care and remediation of environmental damage in accordance with Section 28 of National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

This principle requires that the responsibility for cleaning up pollution lies with the polluter. The polluter is responsible of remedying or rehabilitating the resulting damage and bears the financial implications thereof. The responsibility of the polluter will not only be limited to the environment but may also include socio-cultural resources and harm to human health and well-being, Rustenburg Local Municipality Integrated Environmental Management Policy. (RLM IEM Policy 2023).

In light of the above and the information submitted, please note that the Unit: Integrated Environmental Management support the proposed expansion of the existing underground mining area at the Kwezi shaft.

Yours faithfully



Ms. Lillian Sefike

Unit Manager: Integrated Environmental Management

26/11/2024

Date:

PROPOSED AMENDMENT OF MINING RIGHT NW 80 MR AND THE EXPANSION OF THE KWEZI MINING OPERATIONS THROUGH THE INCLUSION OF THE UG SHALLOWS BLOCKS (A&B



an agency of the
Department of Arts and Culture

South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Boitshepo Motsodisa

Date: Tuesday, 3 December, 2024

Case ID: 24044

Final Comment

In terms of Section 38(4) of the National Heritage Resources Act (Act 25 of 1999)

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Alta Van Dyk Environmental Consultants (Pty) Ltd has been appointed by Sibanye Rustenburg Platinum Mines (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed amendment of mining rights and the expansion of the Kwezi Mining Operations over a portion of remainder of portion 1 and portion 127 (now known as Rustenburg Ext 9) of the farm Rustenburg Town and Townlands 272 JQ (various erven) within Rustenburg, in the North West Province

A Draft Basic Assessment Report (DBAR) has been submitted for Environmental Authorizations 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). The proposed development includes expanding underground mining activities at Kwezi Shaft, north of Rustenburg. Two blocks have been identified, named Block A and Block B.

Heritage Significance

J. A. van Schalkwyk was appointed to provide heritage specialist input into the EA process as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Van Schalkwyk, J. A. 2024. Heritage Compliance Statement for the Proposed Amendment of Mining Right 80MR for the expansion of the Kwezi Underground Mining Operations Rustenburg Local Municipality North West Province.

A letter of exemption has been submitted and reports as follows:

Based on the assessment, it became clear that the region has a low sensitivity for heritage sites and it is highly unlikely that any sites, features or objects of cultural significance would have existed within the boundaries of the Project Area.

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The SAHRIS Palaeontological Sensitivity Map indicates that the Project Area has an insignificant to zero sensitivity. No further studies are required.

It is the opinion of the heritage consultant that there are no known sites, features or objects of cultural heritage significance that would be compromised in the event of any subsidence occurring as a result of the underground mining. From a heritage point of view the mining project should be allowed to proceed.

The SAHRA requests however, that a chance find procedure for archaeological resources be implemented for the project.

Final Comment

The following comments are made as a requirement in terms of section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMP:

- 38(4)a – The SAHRA Development Applications Unit (DAU) has no objections to the proposed development;
- 38(4)b – The recommendations of the heritage specialists are supported and must be adhered to. In addition, a Chance Find Procedure should be implemented for the project.
- 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA DAU (bmotsodisa@sahra.org.za) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA DAU (bmotsodsa@sahra.org.za) must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51(1) of the NHRA regarding offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
 - i) If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;

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- The Final BAR and EMPr must be submitted to the SAHRIS application for record purposes;
- The decision regarding the EA application must be submitted to the SAHRIS application for record purposes.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Boitshepo Motsodisa
Heritage Officer: Development Applications Unit
South African Heritage Resources Agency

Natasha Higgitt
Manager: Development Applications Unit
South African Heritage Resources Agency

Terms & Conditions:

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1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.

ADMIN:

Direct URL to case: <https://sahris.org.za/node/355017>