



KHWEZELA COLLIERY: BOKGONI

EXTERNAL ENVIRONMENTAL PERFORMANCE ASSESSMENT REPORT 2024 – 2025

In Compliance with Regulation 34 and Appendix 7 of the Environmental Impact Assessment Regulations (GN 982 of 2014), as amended, Section 24N(7)(d) of the National Environmental Management Act (Act 107 of 1998) and Regulation 55 of the Mineral Resources and Petroleum Development Regulations (GNR 527 of 23 April 2004), as amended.

AUDIT DATES: 12-16 May 2025

DMRE ENVIRONMENTAL AUTHORISATION REF:

(REF: MP) 30/5/1/3/3/2/1 (11666) (MP) EM DATED 10 JULU 2018)

(REF: 30/5/1/3/3/2/1 (11666) (EM) DATED 10 JULU 2018)

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DOCUMENT CONTROL

VERSION CONTROL

NO.	AUTHOR	CHANGES	DATE
0.1	Zwivhuya Ratshilingani	Compile Report	24.11.2025
0.2	Teboho Motinyane	Review Report	07.01.2026
0.3	Marthinus van Wyk	Authorise Report	

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RELATED DOCUMENTS

NO.	DOCUMENT	DATE
0.1	Environmental Authorisation for the Mining Permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleifontein 322 JS, in the Magisterial District of Witbank in Mpumalanga Region (ref: (MP) 30/5/1/3/3/2/1 (11666)	10.07.2018
0.2	Environmental Management Programme for a Mining permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleifontein 322 JS, in the Magisterial district of Witbank in Mpumalanga region (ref: (MP) 30/5/1/3/3/2/1 (11666)	10.07.2018

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1. INTRODUCTION

Thungela Resources (Pty) Ltd (Thungela) is a South African thermal coal producer supplying primarily the Indian, Asian, Southeast Asian, Middle Eastern, and North African markets. The company operates eight mining operations, comprising opencast mines at Isibonelo, Khwezela, and Mafube, and underground mines at Zibulo, Greenside, Goedehoop, and Elders (currently under construction). Thungela Services Operation also provides a range of support services to these mining operations.

Thungela has appointed NTC Group (Pty) Ltd as an independent Environmental Practitioner to conduct the annual external environmental performance assessment. This assessment is undertaken in accordance with Regulation 34 and Appendix 7 of the Environmental Impact Assessment (EIA) Regulations (GN R982 of 04 December 2014), as amended; Section 24N(7)(d) of the National Environmental Management Act (NEMA) (Act 107 of 1998); and Regulation 55 of the Mineral Resources and Petroleum Development (MRPD) Regulations (GN R527 of 23 April 2004), as amended. The purpose of the assessment is to evaluate compliance with the Environmental Authorisations (EA) and Environmental Management Programmes (EMPr) issued to Thungela's operations.

1.1. KWEZELA COLLIERY

Khwezela Colliery, a member of Thungela and part of the South African Coal Estate Complex, is located approximately 120 km east of Johannesburg and 22 km west of the eMalahleni Local Municipality, within the Nkangala District Municipality of Mpumalanga. Established in December 2016 through the merger of the Landau and Kleinkopje collieries, Khwezela Colliery operates as an opencast coal mine.

The operation consists of two main areas: the Khwezela Bokgoni Colliery (formerly Kleinkopje) in the south and the Khwezela Navigation Colliery (formerly Landau) in the north. The Navigation Colliery is further divided into the Navigation Life Extension, Schoongezicht, Umlalazi (formerly Navigation West), and Kromdraai sections (see Figure 1).

Currently, only the Navigation Life Extension section remains active. Mining activities have ceased in the Schoongezicht, Umlalazi, and Kromdraai sections of the Navigation Colliery, as well as in the Khwezela Bokgoni Colliery. These non-operational areas are collectively referred to as the Khwezela Closing Collieries and are presently under care and maintenance.

1.1.1. **Khwezela Bokgoni Colliery**

Khwezela Bokgoni Colliery is situated approximately 15 km south of the town eMalahleni in the Mpumalanga province with the entrance to the operations situated at Latitude 26°00'35.48"S and Longitude 29°13'26.18"E. The Khwezela Bokgoni Colliery locality is shown in Figure 1.

Khwezela Bokgoni Colliery is subdivided into Landau I, II and III, North-West pit, North-East Mini-pit, Block 2A North and South, Block 3A North and East, Block 4 East and Block 5 West. Khwezela Bokgoni Colliery is currently in a period of care and maintenance (2021 – 2025). Current activities include rehabilitation of the opencast areas and demolition of redundant infrastructure.

This report presents the Performance Assessment Report (PAR) for Khwezela Bokgoni Colliery. It evaluates compliance with the conditions of the Environmental Authorisations (EAs) and Environmental Management Programmes (EMPrs) applicable during the current assessment period (June 2024 – May 2025) and assesses the effectiveness of mitigation measures implemented to manage environmental impacts associated with authorised activities.

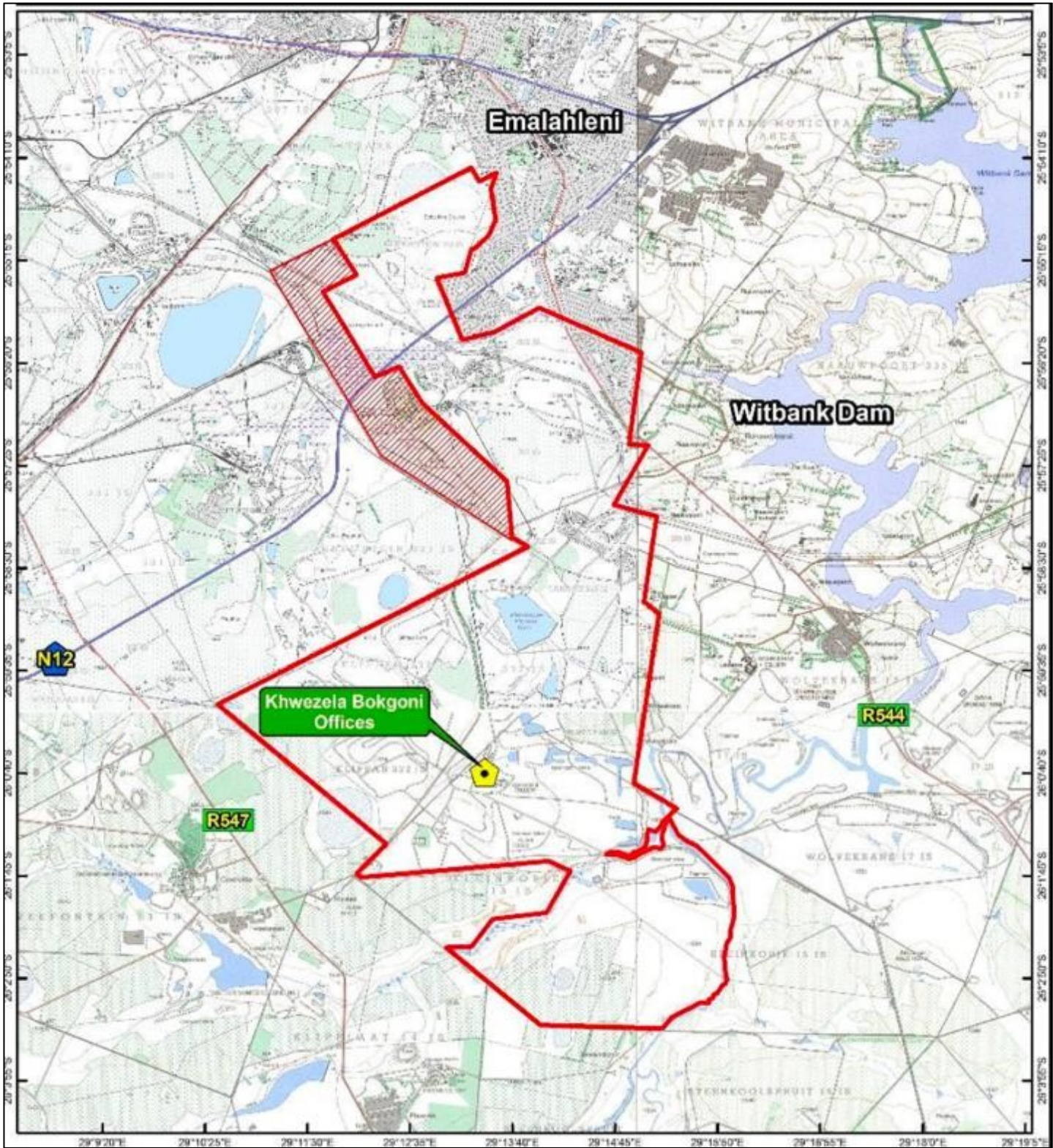


Figure 1. Topographic Map of the Khwezela Bokgoni Colliery (outlined in red)

2. PERFORMANCE ASSESSMENT TERMS OF REFERENCE

2.1. MINERAL AND PETROLEUM RESOURCES DEVELOPMENT REGULATIONS (GN R527 OF 23 APRIL 2004)

The performance assessment is undertaken in accordance with Regulation 55 of the MPRD Regulations (GN R527 of 23 April 2004) published in terms of the MPRD Act (Act 28 of 2002). Regulation 55 (1) of the MPRD Regulations requires that monitoring and performance assessments be undertaken to assess the continued appropriateness and adequacy of the Environmental Management Programme. A Performance Assessment Report must be compiled and submitted to the Department of Mineral Resources and Energy. Regulation 55 (2) states that the frequency for undertaking the performance assessment must be in accordance with the Environmental Management Programme, or every two years, or as agreed to in writing by the Minister. Regulation 55(4) requires that the performance assessment be conducted by an independent competent person(s).

The amendment of the MPRD Act (Act 28 of 2002) in 2014, included the repeal of Sections 39 – 42 and the insertion of Section 38 A and B to align the requirements for Environmental Management Programmes contained in the National Environmental Management Act (NEMA) (Act 107 of 1998). Section 38B of the MPRDA (Act 28 of 2002), as amended, states that *“an environmental management plan or environmental management programme approved in terms of this Act before and at the time of the coming into effect of the National Environmental Management Act, 1998 shall be deemed to have been approved and an environmental authorisation been issued in terms of the National Environmental Management Act, 1998”*.

2.2. ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS (GN R982 OF 08 DECEMBER 2014)

The EIA Regulations (GN R982 of 08 December 2014), as amended, were published in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998) to regulate the process for preparing, evaluating, and submitting applications for EAs. Section 34 of the EIA Regulations (GN R982 of 2014) provides the requirements for auditing the compliance with EAs, EMPs and Closure Plans. Section 34 (1) and (2) requires the holder of an EA to appoint an independent person to conduct an audit of all valid EAs and EMPs at the intervals specified in the EA and submit an audit report to the Competent Authority.

The audit report must include the information in Appendix 7 and as per Section 34 (3) must contain verifiable audit findings which are presented in a structured approach to indicate the level of compliance with the EAs and EMPs and the effectiveness of the mitigation measures in the EMP to manage environmental impacts associated with the authorised activities.

In terms of Section 34 (4), if there is insufficient compliance with the conditions of the EA or EMPr, or if mitigation measures in the EMPr for managing environmental impacts are deemed to be inadequate, the audit report must provide recommendations to amend the EMPr to rectify the shortcomings. Section 34 (5) states that such recommendations must be subjected to a Public Participation Process and Section 34 (6) that ICAPS must be notified on a public website within 7 days of submitting the report to the Competent Authority.

2.3. KHWEZELA BOKGONI COLLIERY ENVIRONMENTAL AUTHORISATIONS

The Environmental Authorisation issued to Khwezela Bokgoni Colliery that remained valid for the audit period and was audited in accordance with Section 34 of the EIA Regulations (GN R982 of 2014) and Section 55 of the MPRD Regulations (GNR 527 of 2004):

1. None

2.4. KHWEZELA BOKGONI COLLIERY ENVIRONMENTAL MANAGEMENT PROGRAMMES

The Environmental Management Programmes issued to Khwezela Bokgoni Colliery that remained valid for the audit period and was audited in accordance with Section 34 of the EIA Regulations (GN R982 of 2014) and Section 55 of the MPRD Regulations (GNR 527 of 2004):

1. Environmental Authorisation for the Mining Permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleinfontein 322 JS, in the Magisterial District of Witbank in Mpumalanga Region (ref: (MP) 30/5/1/3/3/2/1 (11666) MP Issued 10/7/2018
2. Environmental Management Programme for a Mining permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleinfontein 322 JS, in the Magisterial district of Witbank in Mpumalanga region (ref: (MP) 30/5/1/3/3/2/1 (11666) EM Issued 10/7/2018

2.5. ASSUMPTIONS AND LIMITATIONS

The scope of the performance assessment is to determine the level of Khwezela Bokgoni Colliery's compliance with the conditions of the EA and EMPs listed in Sections 2.3 and 2.4. above and the effectiveness of the mitigation measures provided in the EMP to manage the environmental impacts associated with the authorised activities.

The following assumptions and/ or limitations are applicable to the assessment and findings:

- This performance assessment is a snap-shot representation of the current activities at Khwezela Bokgoni Colliery.
- The assessment period is from June 2024 to May 2025. Conditions which refer to activities occurring prior to this assessment period are assumed to have been previously assessed and will thus not be assessed. Such conditions are determined to be "Not Applicable".
- Due to the nature and extent of the operation, not all areas may be visited during the site inspection.
- Khwezela Bokgoni Colliery representatives may be called upon to provide information relating to specific activities within their respective areas.
- Procedures developed by Khwezela Bokgoni Colliery specifically, are deemed to be appropriately implemented by site personnel as part of the Integrated Management System.
- Outdated/ repealed legislation or referenced guideline documents will be substituted for with current/ relevant legislation and referenced guideline documents.

3. PERFORMANCE ASSESSMENT DETAILS

3.1. AUDIT TEAM

NTC Group (Pty) Ltd was established in 2005 and is 100% female, black owned with a Level 1 Broad Based Black Economic Empowerment Rating. We undertake our services with professional integrity and have built good reputations with stakeholders in the environmental management field, including regulatory authorities and government departments. We undertake our services in accordance the requirements of South African legislation, as well as acceptable international best practices.

The details of the specific environmental team that participated in the performance assessment at Khwezela Bokgoni Colliery are provided in Table 1. The declaration of the auditor's independence is attached in Appendix A and the Curriculum Vitae for the auditors are attached in Appendix B.

Table 1: Details of the Audit Team

ROLE	RESPONSIBLE PERSON	CONTACT DETAILS
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LEAD AUDITOR	Tanja Bekker is a Senior Environmental Scientist at NTC Group (Pty) Ltd. Tanja holds an MSc Environmental Management and has over 22 years of experience in Environmental Management, inclusive of performance assessment audits and compliance monitoring.	Tel: +27 11 568 4701
		Fax: +27 86 665 1864
		Email: tanja@ntcgroup.co.za
LEAD AUDITOR	Mary-Anne Carter is a Senior Environmental Scientist at NTC Group (Pty) Ltd. Mary-Anne holds an MSc in Environmental Science and has over 15 years of experience in environmental management, including environmental auditing, EMS implementation and compliance monitoring.	Tel: +27 11 568 4701
		Fax: +27 86 665 1864
		Email: mary-ann@ntcgroup.co.za

3.2. PERFORMANCE ASSESSMENT METHODOLOGY

3.2.1. Information Collation and Review

NTC Group (Pty) Ltd reviewed the conditions of the EA and EMPs listed in Sections 2.3 and 2.4. issued to Khwezela Bokgoni Colliery and compiled a Request for Information (RFI) document which provided a list of documents and records required from Khwezela Bokgoni Colliery to verify compliance with the conditions of the EA and EMP. The RFI was submitted to Khwezela Bokgoni Colliery and the requested information was availed to the auditors. The list of documents reviewed during the performance assessment are provided in Section 9. References.

Checklists were created verbatim of the conditions of Khwezela Bokgoni Colliery's EAs and EMPs and used to assess compliance. The numbering in performance assessment checklists corresponds with the conditions of the EAs and EMPs as far as possible, to allow for ease of reference.

3.2.2. Site Verification

A site assessment was conducted on 12-16 May 2025 and was attended by Tanja Bekker (NTC), Mary-Anne Carter (NTC), Marthinus van Wyk (Khwezela Navigation), Willenchia Snyders (Khwezela Navigation), and Caroline Perpermans (Pinsent Masons). During the site inspection, Khwezela Bokgoni Colliery's personnel were interviewed and the following facilities/ areas in were inspected:

3.2.3. Assessment Methodology

NTC Group (Pty) Ltd assessed each condition of Khwezela Bokgoni Colliery's EAs and the EMPs in terms of the criteria provided in Table 2. The audit approach was guided by the requirements of the ISO 19011:2018 Guidelines for Auditing Management Systems.

Table 2: Assessment Criteria

CRITERIA	ACC	DESCRIPTION
COMPLIANT	C	The current construction, operational, or decommissioning activities comply with the EA or EMP conditions. Mitigation measures or commitment thereof have been achieved and evidence is provided in the form of a document or implementation onsite. No mitigation measures are required where operations comply.
NON-COMPLIANT	NC	The construction, operational, or decommissioning activities are in contravention of the conditions and/or have the potential to impact the environment in a detrimental manner. Non-compliance may also be associated with activities breaching legislation/ mitigation measures or commitment thereof has not been achieved and evidence is not provided in the form of a document or condition implementation onsite. Non-Compliance findings have a high priority and mitigation measures are mandatory
NOT APPLICABLE	N/A	Assigned to EA or EMP conditions where activities no longer occur, that do not apply to current activities, that may be incorrect and require amendment, fall outside the audit period and/ or are duplicates of existing conditions.
TAKE NOTE	T/N	In certain instances, conditions are presented in a manner which cannot be assessed as a Compliant or Non-Compliant Condition. This is a specific requirement which the Competent Authority may stipulate, which is applicable to the site and should be considered soon, or which allows the Competent Authority certain allowances.

3.3. PERFORMANCE ASSESSMENT SCOPE

The scope of the information and audit boundaries that were considered when conducting the performance assessment included:

- The requirements of Section 34 and Appendix 7 of the EIA Regulations (GN R982 of 2014), as amended.
- Regulation 55 of the MPRD Regulations (GNR 527 of 2004), as amended.
- Khwezela Bokgoni Colliery's EAs (refer to Section 2.3.) and EMPs (refer to Section 2.4.) that remained valid for the audit period.
- The scope of the assessment period between June 2024 – May 2025.
- The property boundaries of the Khwezela Bokgoni Colliery as shown in Figure 1.

4. PERFORMANCE ASSESSMENT RESULTS

This section provides results of performance assessment to verify compliance with the conditions of Khwezela Bokgoni Colliery's EAs and EMPs. The performance assessment results are presented in the checklists described in Section 3.2.1 which tabulates the conditions of the EAs and EMPs. Each condition was assessed and assigned a finding as per the assessment criteria shown in Table 2.

The checklists used to assess compliance with the EAs and EMPs are provided in Tables 3 - Table 4:

TABLE 3.	Environmental Authorisation for the Mining Permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleinfontein 322 JS, in the Magisterial District of Witbank in Mpumalanga Region (ref: (MP) 30/5/1/3/3/2/1 (11666). Dated 10.07.2018
TABLE 4.	Environmental Management Programme for a Mining permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleinfontein 322 JS, in the Magisterial district of Witbank in Mpumalanga region (ref: (MP) 30/5/1/3/3/2/1 (11666) Dated 10.07.2018

TABLE 3. ENVIRONMENTAL AUTHORISATION FOR THE MINING PERMIT (BOKGONI BORROW PIT) IN RESPECT OF PORTION OF PORTION 27 AND 145 OF THE FARM KLIPFONTEIN 322 JS, IN THE MAGESTERIAL DISTRICT OF WITBANK IN MPUMALANGA REGION (REF: (MP) 30/5/1/3/3/2/1 (11666) EM, DATED 10 JULY 2018)

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8. CONDITIONS			
8.1. STANDARD CONDITIONS			
8.1.1	Authorisation of the activity is subject to the conditions contained in this authorisation, which form part of the environmental authorisation and are binding on the holder of the authorisation.	T/N	The condition is noted and accepted by Thungela Kwhezela Bokgoni Colliery.
8.1.2	The holder of the Authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the Authorisation.	T/N	The condition is noted and accepted by Thungela Kwhezela Bokgoni Colliery.
8.1.3	The activity which is authorised may only be carried out at the property indicated.	T/N	The condition is noted and accepted by Thungela Kwhezela Bokgoni Colliery. The activity did not commence within the audit period.
8.1.4	Any changes to, or deviations from, the project description set out in this Authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the Authorisation to apply for further Authorisation in terms of the Regulations.	T/N	The activities associated with this EA have not yet commenced. Accordingly, a "Not applicable" finding is recorded.
8.1.5	This Environmental Authorisation remains valid for the entire duration of the mining operation, however it must be noted that the holder cannot implement any activities stipulated on the EA without a valid mining permit	T/N	The activities associated with this EA have not yet commenced. Accordingly, a "Not applicable" finding is recorded.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.1.6	Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/or telephonic details, including the transfer of this authorization, the applicant must in writing notify the Regional manager of this Department, within fourteen (14) days of the above specified change.	T/N	The condition is outside the scope of the audit period (June 2024 - May 2025). Reclamation of Landau III MRD has ceased and the site is has been under care and maintenance since 2021. No construction, operational or decommissioning or closure activities were undertaken during the audit period.
8.1.7	A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.	C	Hard copies of the environmental authorisation are kept on site at the Thungela Kwhezela Bokgoni Colliery's environmental department office and soft copies are available on the Box Platform and Shared Drives.
8.1.8	This authorization does not negate the holder of the authorization, responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.	T/N	The condition is noted and accepted by Thungela Kwhezela Bokgoni Colliery.
8.1.9	After an appeal period has been expired and no good course to extent the appeal period has been submitted in accordance with Chapter 2 of the National Appeal Regulations of 2014, a thirty (30) day-written notice must be given to the Department that the activity will commence. Commencement for the purpose for the purpose of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activity did not commence within the audit period.
8.2. SPECIFIC CONDITIONS			
8.2.1. Commissioning of the Activity			
8.2.1.1	This authorisation is hereby solely granted for the mining permit for the Bokgoni Borrow pit on Portion of Portion and 145 of the Farm Klipfontein 322 JS	T/N	The condition is noted and accepted by Thungela Kwhezela Bokgoni Colliery.
8.2.1.2	The activity may not commence without the necessary permits/licenses/approvals and/or service agreements, where it is relevant, from or with the relevant regulatory authorities whether national, provincial or local.	T/N	The condition is noted and accepted by Thungela Kwhezela Bokgoni Colliery.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.1.8	The applicant must apply the principle of best practicable environmental option for all technologies used/implemented during mining.	T/N	The condition is noted and accepted by Thungela Kwhezela Bokgoni Colliery.
8.2.1.9	<p>Preconstruction Phase</p> <p>a. The applicant must appoint an Independent Environmental Control Officer (ECO) who will monitor contractors, compliance with EMPr and EA (see 8.2.2. Management of the activity for more details).</p> <p>b. The applicant must provide all contractors and sub-contractors with a copy of Environmental Management Programme and Environmental Authorisation prior to the mining activities.</p> <p>c. All pre-construction phase mitigation measures as outlined in the Environmental Management Programme (EMPr) attached in the Basic Assessment Report (BAR) must be adhered to at all times.</p> <p>d. In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p> <p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p> <p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p> <p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p>

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	e. Appropriate notification signs must be erected at the construction site, warning the public (resident, visitors etc.) about the hazard around the construction site and presence of heavy vehicles and machinery.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
	f. If any soil contamination is noted at any phase of the proposed activity(ies), the contaminated soil must be removed to a licence waste disposal facility and the site must be rehabilitated to the satisfaction of the Department and the 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.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.2.1.10	Access road and traffic impact		
	a. Necessary signage and traffic measures must be implemented for safe and convenient access to the site from adjacent roads.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
	b. Access roads must be well maintained through the mining operations.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.2.1.11	Air Quality Management		
	a. Proposer measures must be put in place to suppress dust in order to minimise nuisance conditions.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
	b. A speed restriction of 40km/h must be enforced and monitored on site for all mine vehicles.		
8.2.1.12	Proliferation of alien species		

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	a. All construction/mining equipment and vehicles must be cleaned when leaving the site to reduce the chances of spreading weeds and invasive species.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.2.1.13	Noise		
	a. Mining activities must be limited to normal working hours (7h00 – 17h00)	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.2.1.14	Erosion Control Measures		
	a. All soil surfaces compacted as a result of mining/construction activities must be ripped, and imported materials must be removed.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
	b. Any erosion channel developed during mining/construction period or during vegetation establishment must be restored to a proper condition.		
8.2.1.15	Waste Management		
	a. General waste must be kept in containers which are wind and scavenger proof, and disposed of at a permitted landfill site. No temporary dumping and littering or waste is allowed on site.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
	b. No waste must be disposed of through burying and burning.		
	c. An emergency preparedness plan to address any pollution incidents (i.e. such as oil spillages etc.) that occur on site must be developed.		
8.2.1.16	Surface and groundwater contamination must be prevented and/or mitigated by the implementation of the following conditions		
	a. Specific area must be demarcated for fuelling and workshop services. And such area must be bunded to reduce the possibility of soil and water contamination	N/A	The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	<p>b. Irrespective of the nature of a spillage (whether major or minor), all spillages must be cleaned up as soon as they occur.</p> <p>c. Spillage of petrochemical products must be avoided. In the case of accidental spillage, contaminated soil must be removed for bioremediation or disposed of at a facility for the substance concerned. Disturbed land must be rehabilitated and seeded with vegetation seed naturally occurring on site.</p>		No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.2.1.17	Fire Prevention and Management		
	a. Fire extinguishers that are in good working conditions must be made available at all times for their usage during the occurrence of accidental fires.	N/A	<p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p>
	b. Workers must be adequately trained in the handling of firefighting equipment.		
	d. Open fires must strictly be prohibited.		
	d. Smoking must be prohibited in the vicinity of flammable substances.		
	e. Cooking and heating fires must be permitted only in designated areas with appropriate safety measures.		
8.2.1.18	Safety		
	a. Potentially hazardous area must be demarcated with danger tape.	N/A	<p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p>
	b. Appropriate signage must be placed to caution employees and contractors not to attempt to enter certain structures without being authorised.		
8.2.1.19	Emergency Response Plan		
	a. An Emergency Response Plan should be available for accidental spills and firefighting during both construction and operation of the project.	N/A	<p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p>
	b. In the event of an emergency, the holder must notify the department within 24hrs, and contact relevant emergency services in the area.		
	c. All significant pollution incidents must be reported to this Department within forth eight (48) hours of occurrences.		
8.2.1.20	Compliance with other Legislation		

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	<p>a. The National Water Act, 1998 (Act 36 of 1998), with particular reference to the sections pertaining to mining in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses</p> <p>b. The Environmental Conservation Act, 1989 (Act 73 of 1989) with particular reference to the requirements of section 20 of the above-mentioned Act,</p> <p>c. The National Environmental Management Air Quality Act (Act 36 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by prospecting activities, into the atmosphere.</p> <p>d. The Conservation of Agriculture Resources Act, 1983 (Act 43 of 1983), with particular references to the sections pertaining to soil conservation.</p> <p>e. The National Heritage Resources Act, 1989 (Act No 25 of 1999), with particular reference to the protection of all historical and pre-historical cultural remains.</p> <p>f. The Mine Health and Safety Act, 1996 (Act 29 of 1996) in conjunction with the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), with particular reference to those sections and regulations pertaining to health and safety at mines; mining within 100 m from structures that must be protected; as well as those sections pertaining to rehabilitation of the surface.</p> <p>g. The National Environmental Management Act, 1998 (Act 107 of 1998), with particular reference to the principles in chapter 2 of the said Act.</p> <p>h. Firebreaks should be established in terms of the requirements and conditions of the National Veld and Forest Fires Act, 1998 (Act No. 101 of 1998).</p> <p>i. All provisions of the Occupational Health and Safety Act, 1993 (Act No.85 of 1993) and any other applicable legislation must be adhered to by the holder of this Authorisation.</p>	N/A	<p>The condition falls outside of this audit period (June 2024 - May 2025). The activities associated with this EA have not yet commenced.</p> <p>No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.</p>
8.2.1.21	<i>Liability of the Holder of this Authorisation</i>		

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
	a. The competent authority shall not be held responsible for any damages or losses suffered by the holder of his/her successor in title in any instance where mining/construction or operation subsequent to construction are to be temporarily or permanently stopped for reasons of non-compliance by the holder with conditions of approval as set out in the document or any other subsequent document emanating from this authorisation. The holder shall be responsible for all the costs necessary to comply with the above conditions unless otherwise specified.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
	b. Any complaint from the public during the life of mine must be attended by the holder of the Authorisation as soon as possible to the satisfaction of parties concerned.	C	KBC has implemented a complaint register. Should a complaint be received, such is logged as an incident on the Enablon system for investigation, correction and close-out.
	c. The contractor must ensure that serviceable ablution facilities are available for employees. It is the responsibility of the holder of the Authorisation to see to it that this condition is adhered to.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.2.2. Management of the Activity			
8.2.2.1	A copy of the Environmental Authorisation and Environmental Management Programme must be always available on site so as to monitor compliance with conditions outlined in both the documents. Both documents must be used as on-site reference documents during the life of mine.	C	The environmental authorisation and Environmental Management Programme hard copies are kept on site at the KBC environmental department offices. Soft copies are kept on Box folders and Shared folders for users to access.
8.2.2.2	The Environmental Management Programme (EMPr) prepared by Ms, Beth Candy of SRK Consulting (Pty) Ltd (attached to the BAR) must be adhered to during the mining period.	C	The Environmental Management Programme prepared by SRK Consulting (Pty) Ltd has been included as part of the audit scope and the compliance audit is provide in Table 7 below.
8.2.2.3	All duties and responsibilities as outlined in the Environmental Management Programme attached are binding throughout the life of mine.	C	The Environmental Management Programme prepared by SRK Consulting (Pty) Ltd has been included as part of the audit scope and the compliance audit is provide in Table 7 below.
8.2.2.4	Any proposed amendments to the BAR (as a result of this authorisation or otherwise) must be submitted in writing to this Department for approval prior to the amendment being implemented. On approval of the proposed amendment the EMPr must be accordingly amended and adhered to.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.2.3. Appointment of Environmental Control Officer			
	a. An Environmental Control Officer must be appointed, who will monitor and ensure compliance and correct implementation of all mitigation measures and provisions as stipulated in the Environmental Authorisation and Environmental Management Programme, prior to any commencement of mining activities on site.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
	b. The ECO must also monitor the implementation of specific elements of the Environmental Management Programme by contractors.	N/A	The condition falls outside of this audit period (June 2024 - May 2025). No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
	c. All duties and responsibilities as outlined in the Environmental Management Programme attached are binding throughout the life of mine.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
8.2.4. Site Closure and Decommissioning			
8.2.4.1	The commissioning and decommissioning of individual activities within the overall listed mining activity must take place within the phases and timeframes as set out in the EMPr.	N/A	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.2.4.2	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, 2002 (Act 28 of 2002), as amended.	N/A	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.4.2.3	All mitigation measures for the decommissioning phase, as outlined in the EA. The holder of the EA must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment and completion of the operation.	N/A	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.3. MONITORING			
8.3.1	This Department reserves the right to monitor and audit the activity to ensure compliance with legislation and the conditions stipulated in this authorisation.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
8.3.2	It is the holder of the Authorisation's responsibility to ensure that an ongoing management and monitoring of the impacts of the activity on the environment throughout the life of mine is put into practice.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery. No construction, operational or decommissioning activities occurred in relation to this EA during the audit period.
8.4. RECORDING AND REPORTING TO THE DEPARTMENT			
8.4.1	Records of monitoring and/or auditing must be made available for inspection to this Department and any other relevant authority inspecting the development activities.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
8.4.2	Records relating to compliance and non-compliance with the conditions of this authorisation must be kept in good order. Such records shall be made available to this Department within seven (7) days of receipt of a written request by the Department. Environmental Compliance will further be monitored through complaints received from the public.	C	Records relating to the compliance with the Environmental Management Programme on are retained by the Khwezela Bokgoni Colliery environmental department and stored on the Shared folders database for users to access.
8.4.3	All records relating to the implementation of the Environmental Management Programme must be kept in the office where it is safe and can be retrievable.	C	Records relating to the compliance with the Environmental Management Programme on are retained by the Khwezela Bokgoni Colliery environmental department and stored on the Shared folders database for users to access.
8.5. NON-COMPLIANCE			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.5.1	In the event of non-compliance by any contractor during the mining/construction the authorised activity, the holder of this Authorisation will be liable.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
8.5.2	The holder shall be responsible for all costs necessary to comply with the above conditions unless otherwise specified.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
8.5.3	The holder must in the event of non-compliance with any condition of this Authorisation inform the regional Manager of Mpumalanga region of this Department, inwriting, within forty eight (48) hours.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
8.5.4	Records relating to compliance and non-compliance with the conditions of this Authorisation must be kept in good order. Such records shall be made available to this Department within seven (7) days of receipt of a written request by the Department. Environmental compliance will further be monitored through complaints received from the public.	C	Records relating to the compliance with the Environmental Management Programme on are retained by the Khwezela Bokgoni Colliery environmental department and stored on the Shared folders database for users to access.
8 5.5	Non-compliance to this authorisation is an offence as provided for in terms of the National Environmental Management Act, 1998, Section 49(a) and Regulation 48. Any conviction of such offence may result in Section 49(a) being enforced.	T/N	The condition is noted and accepted by Thungela Khwezela Bokgoni Colliery.
9. APPEAL OF AUTHORISATION			
9.1	The holder of the authorisation must notify every registered interested and affected party, in writing and within fourteen (14) days, of receiving the Department's decision.	N/A	The condition falls outside of this audit period (June 2024 - May 2025).
9.2	The notification referred to in 9.1 must		
9.2.1	Specify the date which the authorisation was issued.		
9.2.2	Inform the registered interested and affected parties of the appeal procedure provided for in Chapter 2 of the National Appeal Regulations of 2014.		
9.2.3	Advise the interested and affected parties that a copy of the authorisation and reasons for the decision will be furnished on request.		

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
9.2.4	An appeal against the decision must be lodged in terms of Chapter 2 of the National Appeals Regulations of 2014.		

TABLE 4. ENVIRONMENTAL MANAGEMENT PROGRAMME FOR A MINING PERMIT (BOKGONI BORROW PIT) IN RESPECT OF PORTION OF PORTION 27 AND 145 OF THE FARM KLIPFONTEIN 322 JS, IN THE MAGESTERIAL DISTRICT OF WITBANK IN MPUMALANGA REGION (REF: (MP) 30/5/1/3/3/2/1 (11666) EM, DATED 10 JULY 2018)

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
1. TOPOGRAPHY			
1.1. Change in Topography			
1.1.1	The footprint of the proposed borrow pit should be clearly demarcated to restrict vegetation clearing activities within the infrastructure footprint as far as practically possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
1.1.2	Backfill the borrow pit void with available material.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
1.1.3	Backfilled borrow pit should be shaped to be free draining.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
2. GEOLOGY			
2.1. Removal of Geological Material			
2.1.1	The footprint of the proposed borrow pit should be clearly demarcated to restrict excavation activities within the infrastructure footprint as far as practically possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
2.1.2	Backfill the borrow pit void with available material.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
2.1.3	Backfilled borrow pit should be shaped to be free draining.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3. SOILS			
3.1. Soil Erosion and Dust Emissions			
3.1.1		N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.1.2	Vegetation clearance and commencement of construction activities should be scheduled, where possible, to coincide with low rainfall conditions when the erosive stormwater and wind are anticipated to be low.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.1.3	Excavation of soil should be limited within the demarcated areas as far as practically possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.1.4	The recovered soils should be used to rehabilitate the borrow pit footprint during the closure phase as part of the rehabilitation process (i.e. resurfacing).	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.1.5	The topsoil removed from the borrow pit area during construction should be stockpiled for use during the rehabilitation phase. Adequate measures should be in place to protect the stockpiled topsoil from erosion and sedimentation.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.1.6	Additional excavation and stockpiling of undisturbed soils should be limited as far as practically possible to minimize exposure risk during typically long duration stockpiling.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.1.7	A regulated speed limit of ≤ 40 km per hour within the cleared areas should be maintained to minimise dust generation during the construction activities.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.1.8	Bare soils should be regularly dampened with water to suppress dust during the construction phase, especially when strong wind conditions are predicted according to the local weather forecast.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.1.9	All disturbed areas adjacent to the borrow pit should be revegetated with an indigenous grass mix to re-establish a protective cover, in order to minimize soil erosion and dust emission.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.2. Loss of Land Use and Land Capability			
3.2.1	The footprint of the proposed borrow pit should be clearly demarcated to restrict vegetation clearing activities within the infrastructure footprint as far as practically possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.2.2	The topsoil removed from the borrow pit area during construction should be stockpiled for use during the rehabilitation phase. Adequate measures should be in place to protect the stockpiled topsoil from erosion and sedimentation.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.2.3	Backfill the borrow pit void with available material.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.2.4	Backfilled borrow pit should be shaped to be free draining.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.2.5	Use stockpiled topsoil for rehabilitation of backfilled borrow pit.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.2.6	Topsoiled areas should be re-vegetated with an indigenous grass mix to re-establish a protective cover, in order to minimize soil erosion and dust emission.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.3. Soil Compaction			
3.3.1	All vehicular traffic should be restricted to the development area and existing service roads as far as practically possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.3.2	Compacted soils adjacent to the borrow pit footprint should be lightly ripped to at least 25 cm below ground surface (bgs) to alleviate compaction prior to re-vegetation.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.3.3	The surface should be reshaped in a manner that allows water to drain freely to the environment without leading to erosion or ponding	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.3.4	The recovered soils should be used to rehabilitate the borrow pits footprint as part of the rehabilitation process (i.e. resurfacing).	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.3.5	Clean over burden material can be used, if possible, to compensate for the material that will be borrowed, so as to reinstate the natural landscape.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.3.6	Burying of any waste including rubble, domestic waste, empty containers on the site should be strictly prohibited and all construction rubble waste must be removed to an approved disposal site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4. Potential Soil Contamination			
3.4.1	Unauthorized discharge of potentially contaminated stormwater from the borrow pits should be strictly prohibited on site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.2	Spill kits will be provided on site for spill clearing.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.3	Contaminated soil must removed and disposed of at the hazardous waste storage facility on site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.4	No servicing of vehicles on site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.5	No fuel bowsers will be placed on site. Only mobile bowsers will be on site to refill vehicles when necessary.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.6	Drip trays to be placed underneath heavy vehicles parked on site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.7	An emergency response contingency plan should be put in place to address clean-up measures should a spill and/or a leak occur, as well as preventative measures to prevent ingress.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
3.4.8	Burying of any waste including rubble, domestic waste, empty containers on the site should be strictly prohibited and all construction rubble waste must be removed to an approved disposal site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.9	Storage of domestic and hazardous waste to be undertaken within a designated waste storage facility.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
3.4.10	Waste to be removed off site by licensed contractor to a suitably licenced facility.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4. BIODIVERSITY			
4.1. Habitat and Diversity Loss from Habitat Alteration			
4.1.1	Demarcate the construction footprint and ensure that all construction activities remain within this footprint.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.1.2	Ensure that the proposed development footprint area remain as small as possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.1.3	Restrict vehicles to travelling only on designated roadways to limit the ecological footprint of the proposed development.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.1.4	Prior to any disturbance taking place, the proposed construction footprint and the immediate surroundings must be surveyed, and any floral SCC identified must be rescued and relocated by a suitably qualified specialist. A detailed rescue and relocation plan must be developed for the floral SCC as listed in the Biodiversity report (Appendix 5-3).	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.1.5	All necessary permits must be applied for from the MTPA if a vegetation SCC is found and requires relocation.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.1.6	Prohibit the collection of plant material for medicinal purposes.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.2. Loss of: Faunal Diversity/ Plant Photosynthetic/ Floral Population Recruitment			
4.2.1	Implement a speed limit of 60km/hour on all haul roads along with rumble strips and speed bumps or other suitable speed reduction measures.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.2.2	Implement effective dust suppressing technologies to limit dust fallout in the surrounding areas.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
4.2.3	Haul trucks to be covered to minimise dust fallout on surrounding vegetation.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.2.4	Erect roadside signs to warn drivers of the risk of animal collisions.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.2.5	Restrict construction vehicles to travelling only on designated roadways to limit the ecological footprint of the proposed development.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3. Deterioration of Terrestrial Ecological Habitat, Diversity and SCC			
4.3.1	Footprint areas of demolition activities must be kept as small as possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.2	Backfill the borrow pit void with available material.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.3	Backfilled borrow pit should be shaped to be free draining.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.4	Rehabilitation of disturbed areas must be implemented and grass seeds of species indigenous to the area must be used.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.5	Develop an Alien and Invasive Plant (AIP) Control Plan for the decommissioning and closure phase.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.6	Monitoring and control of AIP must be done during the decommissioning and closure phase.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.7	All mitigations and recommendations set out in the AIP Control Plan must be adhered to.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.8	Seed dispersal of AIP must be prevented as far as possible caused by closure activities.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.9	AIP control must be carried out by a registered contractor.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
4.3.10	Disturbed areas caused during the demolition activities need to be ripped and rehabilitated and seeded with grass seeds indigenous to the area.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
5. SURFACE AND GROUND WATER			
5.1. Pollution of Surface Water Resources			
5.1.1	Construction will be limited to the project footprint.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.2	No servicing of vehicles on site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.3	No fuel bowsers will be placed on site. Only mobile bowsers will be on site to refill vehicles when necessary.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.4	Drip trays to be placed underneath heavy vehicles parked on site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.5	Bunded containment and settlement facilities will be provided for hazardous materials, such as fuel and oil.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.6	Spill-sorb or a similar product will be kept on site, and used to clean up hydrocarbon spills in the event that they should occur.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.7	Erosion protection measures will be implemented at steep areas.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.8	Storage of domestic and hazardous waste to be undertaken within a designated waste storage facility.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.9	Waste to be removed off site by licensed contractor to a suitably licenced facility.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.10	An appropriate sewage management strategy will be implemented during the construction phase.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.11	Khwezela Colliery has an existing surface water quality sampling network and management plan, which will be continued during the construction, operation and closure of the borrow pits project.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.12	If erosion is evident, or the water quality monitoring indicates an increase in suspended solids, water management around the construction areas will be reviewed.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.13	A Stormwater Management Plan will be compiled and implemented as described below:	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
5.1.14	Construction Stormwater Management Plan A construction stormwater management plan must be developed and implemented prior to the commencement of vegetation clearing activities or excavation activities and be maintained until the end of the construction phase. Such a plan should aim to minimise the transport of sediment off site. Sediment traps and sediment barriers should be installed where necessary, and stormwater discharge points should be protected against erosion and incorporate energy dissipaters.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
<i>Erosion within the construction site must be minimised through the following:</i>			
5.1.15	Limiting the area of disturbance and vegetation clearing to as small an area as possible.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.16	Where possible, undertaking construction during the dry season.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.17	Phasing vegetation clearing activities and limiting the time that any one area of bare soil is exposed to erosion.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.18	Control of stormwater flowing onto and through the site. Where required, stormwater from upslope should be diverted around the construction site;	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.19	Prompt stabilisation and re-vegetation of soils after disturbance and construction activities in an area are complete; and	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.20	Protection of slopes. Where steeper slopes occur, these should be stabilised using geotextiles or any other suitable product designed for the purpose.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
<i>Sediment transport off the site must be minimised through the following:</i>			
5.1.21	Establishing perimeter sediment controls. This can be achieved through the installation of sediment fences along downslope verges of the borrow pit site where surface flows leave the site. Where channelled or concentrated flow occurs, reinforced sediment fences or other sediment barriers such as sediment basins should be used (refer to US EPA guidelines on Stormwater Pollution Prevention);	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.22	Discharge of stormwater from the construction site into adjacent grassland. Discharged flows must be slow and diffuse; and	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
5.1.23	Regular inspection and maintenance of sediment controls	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
6. SURFACE WATER			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
6.1. Pollution of Surface Water Resource			
6.1.1	Borrow pit to be shaped to be free-draining if possible. Where free drainage is not possible given the depth of the excavation, it is recommended that the borrow pit be shaped so that water collects at a single point within the borrow pit so as to create an artificial wetland habitat within the borrow pit.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
6.1.2	No steep slopes should remain within the borrow pit. Steep slopes should be landscape to no steeper than 1:3, but ideally 1:5 or lower.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
6.1.3	The borrow pit footprint should be covered with topsoil and re-vegetated with indigenous, locally occurring grass species. Re-vegetated areas should be monitored for successful establishment of vegetation for a period of at least 1 completed growing season.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
6.1.4	During earthworks, stormwater management and sediment control measures should remain in place.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7. WETLANDS			
7.1. Sediment Transport/ Erosion/ Alien Vegetation			
7.1.1	All borrow pit activities must be limited to within the proposed borrow pit footprint.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.1.2	Access to the borrow pits must make use of existing roads and farm tracks as far as possible. Only a single access route into each borrow pit should be utilised.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.1.3	Vegetation clearance should be limited to as small an area as possible and should be phased to prevent large exposed areas lying unused for long periods.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.1.4	A stormwater management plan, including sediment control measures, must be implemented for the proposed borrow pit sites. Refer to management measures in C.8.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.1.5	An alien vegetation management plan must be drawn up for the borrow pit area to clear and control alien vegetation, with special emphasis on the wattle trees (Acacia sp.)	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.2. Decreased Flow in Downstream Catchment			

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
7.2.1	Borrow pit to be shaped to be free-draining if possible. Where free drainage is not possible given the depth of the excavation, it is recommended that the borrow pit be shaped so that water collects at a single point within the borrow pit so as to create an artificial wetland habitat within the borrow pit.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.2.2	No steep slopes should remain within the borrow pit. Steep slopes should be landscape to no steeper than 1:3, but ideally 1:5 or lower.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.2.3	The borrow pit footprint should be covered with topsoil and re-vegetated with indigenous, locally occurring grass species. Re-vegetated areas should be monitored for successful establishment of vegetation for a period of at least 1 completed growing season.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.2.4	During earthworks, stormwater management and sediment control measures should remain in place.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.2.5	An alien vegetation management plan should be drawn up by the Environmental Co-ordinator and implemented. Regular removal of invasive alien species should be undertaken. This should extend right through to the decommissioning and closure phase of the project.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
7.2.6	All potential contaminants and solid waste must be removed off site. Contaminated soils should be ameliorated on site is possible, or otherwise removed.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
8. AIR QUALITY			
8.1. Increase of Nuisance Dust			
8.1.1	Apply dust suppressants to sections of unpaved roads used. The application of dust suppressants during the dry season will depend on the frequency at which the road is used and evaporation of water off the road.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
8.1.2	Locate soil stockpiles within site boundaries considering the location of potential sensitive receptors and the predominant wind direction.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
8.1.3	During grading activities, any earth exposed for long periods must be watered, especially during windy conditions.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
8.1.4	Cover vehicles carrying dusty materials to prevent materials being blown from the vehicles.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
8.1.5	Set speed limits to 40km/h within the borrow pit site and 60 km/h on gravel haul roads to minimise the creation of fugitive dust.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
8.1.6	Increase dust suppression on windy days or when fugitive dust is dispersed from the site.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
8.1.7	Development of routine air quality monitoring programme.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
9. NOISE			
9.1. Rise in Ambient Noise Levels			
9.1.1	Ensure high level of equipment maintenance, especially intake and exhaust mufflers.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
9.1.2	Withdraw equipment for maintenance if change in noise emission characteristics is noticeable.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
9.1.3	Replace pure tone (beeping) with broadband (hissing) reversing alarms.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
9.1.4	Maintain complaints and grievance register and act promptly to complaints regarding noise.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10. HERITAGE			
10.1. Heritage chance find procedure:			
10.1.1	Upon finding any archaeological or historical material all work at the affected area must ceased.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10.1.2	The area should be demarcated in order to prevent any further work in the area until an investigation has been completed.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10.1.3	An archaeologist should be contacted immediately to provide advice on the matter.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10.1.4	Should it be a minor issue, the archaeologist will decide on future action, which could include adapting the HIA or not. Depending on the nature of the find, it may include a site visit.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10.1.5	SAHRA's Archaeology, Palaeontology and Meteorites Unit	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10.1.6	(APM) Unit may also be notified.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10.1.7	If needed the necessary permit will be applied for with SAHRA. This will be done in conjunction with the appointed archaeologist.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

NO.	CONDITION	STATUS	AUDIT OBSERVATIONS (FINDINGS)
10.1.8	The removal of such archaeological material will be done by the archaeologist in lieu of the approval given by SAHRA, including any conditions stipulated by the latter.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
10.1.9	Work on site will only continue after removal of the archaeological/historical material was done.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11. SOCIAL			
11.1. Perceptions of Job Creation and Expectations for Employment Opportunities			
11.1.1	Management of employment expectations through distribution of appropriate and timely information.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.1.2	Establish a community forum (focusing on directly adjacent communities) and hold quarterly meetings in order to facilitate clear communication in order to improve relations with local communities and stakeholders.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.1.3	Communication with community and job-seekers regarding actual project start dates and available job opportunities.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.1.4	Undertake a skills assessment of the local area to ascertain the employability of locals.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.1.5	Do not employ at the contractor camps, ensure there is an employment procedure in place and known to work seekers.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.1.6	Adhere to AOP's employment standards regarding the employment of local versus regional workers.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.1.7	Ensure that contractors adhere to AOPLs employment standards.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.1.8	Upskilling and training allowances are included in the current Khwezela Colliery Social and Labour Plan (SLP).	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.2. Safety Concerns for Communities and Livestock			
11.2.1	The borrow pit area must be fenced off with a security fence.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.2.2	The fenced off area must be patrolled weekly to ensure integrity of fencing.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).
11.2.3	Access control to the borrow pit must be strictly controlled at the entrance, providing access only to approved persons.	N/A	No construction, operational or decommissioning activities were undertaken during the audit period (June 2024 - May 2025).

5. SUMMARY OF THE AUDIT FINDINGS

5.1. NON-COMPLIANCES

During the audit of Khwezela Bokgoni Colliery borrowpits in respect of (MP) 30/5/1/3/3/2/1 (11666) EM no findings were identified. The operation was found to be fully compliant with the applicable conditions and commitments contained in the approved Environmental Management Programmes and/or associated management plans for the period under review.

5.2. ACTIONS TO ADDRESS THE NON-COMPLIANCES

An Action Plan to address or rectify non-compliances is not required, as the colliery was found to be fully compliant with all applicable legal requirements and approved Environmental Management Programmes.

5.3. RECOMMENDATIONS TO AMMEND CERTAIN CONDITION

In terms of Regulation 34(4) of the EIA Regulations (GN R984 of 2014), no recommendations are made to amend the conditions of the Environmental Management Programme. Khwezela Bokgoni Colliery fully complies with the conditions of its Environmental Authorisation and Environmental Management Programmes.

6. CONTINUAL IMPROVEMENT

Based on the results of the audit conducted at Khwezela Bokgoni Colliery' borrowpits in respect of (MP) 30/5/1/3/3/2/1 (11666) EM, no findings were identified during the period under review. The colliery was assessed to be fully compliant with the applicable conditions and commitments contained in the approved Environmental Management Programmes and associated management plans, demonstrating effective implementation and ongoing adherence to regulatory requirements.

7. CONCLUSION

The audit of Khwezela Bokgoni Colliery against the requirements of (MP) 30/5/1/3/3/2/1 (11666) EM) identified a total of zero (0) findings during the current audit period. This represents a meaningful improvement compared to the 2023/2024 audit period and demonstrates positive progress in the colliery's overall environmental performance and responsiveness to previously identified issues.

Notwithstanding this improvement, the findings indicate areas requiring further attention. While Khwezela Bokgoni Colliery shows an improving compliance trajectory, continued commitment is required to address the identified findings, implement effective corrective and preventative actions, and strengthen environmental management systems to ensure sustained compliance with environmental authorisation conditions and applicable regulatory requirements.

8. REFERENCES

- Environmental Authorisation for the Mining Permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleinfontein 322 JS, in the Magisterial District of Witbank in Mpumalanga Region (ref: (MP) 30/5/1/3/3/2/1 (11666). Dated 10.07.2018
- Environmental Management Programme for a Mining permit (Bokgoni Borrow Pit) in respect of portion of portion 27 and 145 of the farm Kleinfontein 322 JS, in the Magisterial district of Witbank in Mpumalanga region (ref: (MP) 30/5/1/3/3/2/1 (11666) Dated 10.07.2018
- Thungela Coal South Africa: Khwezela North Colliery Final Rehabilitation, Decommissioning and Mine Closure Plan Report Date: 12/15/2021 DMRE Reference: MP 30/5/1/2/3/2/1 (306) EM.
- Environmental Authorisation for Kleinkopje colliery pit 2a extension, in the magisterial district of Witbank in Mpumalanga Region (ref: (MP) 30/5/1/1/3/2/2 (307) EM (dated 27 September 2017).

APPENDIX A
AUDITOR DECLARATION

ENVIRONMENTAL PRACTITIONER'S DECLARATION:

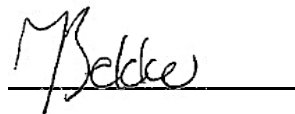
I, TANJA BEKKER, DECLARE THAT –

- I act as an Independent Environmental Practitioner conducting the Environmental Performance Assessment.
- I will perform the work relating to the Performance Assessment in an objective manner, even if this results in views and findings that are not favourable to the auditee.
- I declare that there are no circumstances that may compromise my objectivity in performing such work.
- I have expertise in conducting Environmental Performance Assessments and Environmental Compliance Audits, including knowledge of the National Environmental Management Act (NEMA) (Act 107 of 1998), the Mineral and Petroleum Resources Development Act (MPRDA) (Act 28 of 2002), the Environmental Impact Assessment (EIA) Regulations (GN R982 of 2014), as amended, and legal and other requirements that may have relevance to the proposed activity.
- I will comply with the NEMA (Act 107 of 1998), the MPRDA (Act 28 of 2002), the EIA Regulations (GN R982 of 2014), and all applicable legal and other requirements.
- I have not and will not engage in conflicting interests in the undertaking of the activity.
- I will provide the Competent Authority with access to all information at my disposal regarding the Performance Assessment, whether such information is favourable to the auditee or not.
- I will perform all other obligations as expected from an Environmental Practitioner in terms of the NEMA (Act 107 of 1998) and EIA Regulations (GN R982 of 2014).
- I realise that a false declaration is an offence in terms of Regulation 48 of the EIA Regulations (GN R982 of 2014), as amended, and is punishable in terms of Section 24F of the NEMA (Act 107 of 1998).

DISCLOSURE OF VESTED INTEREST –

I do not have and will not have any vested interest (either business, financial, personal or other) in any activity other than remuneration for work performed in conducting an Environmental Performance Assessment in terms of the EIA Regulations (GN R982 of 2014), as amended.

SIGNATURE:



M. Bekker

ENVIRONMENTAL PRACTITIONER'S DECLARATION:

I, **TEBOHO MOTINYANE**, DECLARE THAT –

- I act as an Independent Environmental Practitioner conducting the Environmental Performance Assessment.
- I will perform the work relating to the Performance Assessment in an objective manner, even if this results in views and findings that are not favourable to the auditee.
- I declare that there are no circumstances that may compromise my objectivity in performing such work.
- I have expertise in conducting Environmental Performance Assessments and Environmental Compliance Audits, including knowledge of the National Environmental Management Act (NEMA) (Act 107 of 1998), the Mineral and Petroleum Resources Development Act (MPRDA) (Act 28 of 2002), the Environmental Impact Assessment (EIA) Regulations (GN R982 of 2014), as amended, and legal and other requirements that may have relevance to the proposed activity.
- I will comply with the NEMA (Act 107 of 1998), the MPRDA (Act 28 of 2002), the EIA Regulations (GN R982 of 2014), and all applicable legal and other requirements.
- I have not and will not engage in conflicting interests in the undertaking of the activity.
- I will provide the Competent Authority with access to all information at my disposal regarding the Performance Assessment, whether such information is favourable to the auditee or not.
- I will perform all other obligations as expected from an Environmental Practitioner in terms of the NEMA (Act 107 of 1998) and EIA Regulations (GN R982 of 2014).
- I realise that a false declaration is an offence in terms of Regulation 48 of the EIA Regulations (GN R982 of 2014), as amended, and is punishable in terms of Section 24F of the NEMA (Act 107 of 1998).

DISCLOSURE OF VESTED INTEREST –

I do not have and will not have any vested interest (either business, financial, personal or other) in any activity other than remuneration for work performed in conducting an Environmental Performance Assessment in terms of the EIA Regulations (GN R982 of 2014), as amended.

SIGNATURE:



COMPANY:

NTC GROUP (PTY) LTD

DATE:

17.12.2025

The Environmental Assessment Practitioner General declaration:

I, **RAISIBE MABIZA**, declare that –

- I act as the independent environmental practitioner in this Audit.
- I will perform the work relating to the audit in an objective manner, even if this results in views and findings that are not favourable to the auditee.
- I declare that there are no circumstances that may compromise my objectivity in performing such work.
- I have expertise in conducting environmental compliance audits, 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 have not and will not engage in, conflicting interests in the undertaking of the activity.
- I will provide the competent authority with access to all information at my disposal regarding the audit, whether such information is favourable to the auditee or not; 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 48 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 activity other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014.

Signature: 

Company: **NTC GROUP (PTY) LTD**

Date: **11 DECEMBER 2025**

APPENDIX B
AUDITOR CURRICULUM VITAE



TEBOHO MOTINYANE

Company: NTC Group (Pty) Ltd
SACNASP: (126871) , IAIA-SA
Mobile: +27 (0) 82 459-6874
Email: teboho@ntcgroup.co.za

BRIEF PROFILE

Teboho has extensive training and experience in environmental science and land management disciplines with Mining Industry (Arnot Opco, Exxaro Resources, Sasol Mining, BHP Billiton Energy Coal South Africa and Universal Coal) of about 20 years. Prior to joining the Mining Industry, Teboho has more than 5 years with the then Department of Minerals and Energy (now DMRE). He holds an MSc in Environmental Science and BSc. Hons from Rhodes University (Makanda). He is also a member of the South African Council of Natural Scientific Profession (licensed in South Africa) and is a certified ISO14001 EMS auditor. Teboho has been responsible for leading and managing numerous and varied environmental and land management projects for over 15 years.

PROFESSIONAL QUALIFICATIONS

2002: MSc (Environmental Science) - Rhodes University

1999: B.Sc. Hons. Environmental Science - Rhodes University

1994: B.Sc. Physics and Physical Geography NUL

PROFESSIONAL AFFILIATIONS

SACNASP(126871)

IAIA-SA

PROJECT EXPERIENCE

- March 2025 – Present: **Principal Consultant**, Sandton, Johannesburg, South Africa).
- June 2020 – February 2025: **Environmental and Land Manager (Arnot Opco Mine**, Rietkul Middelburg, South Africa).
- June 2018 – May 2020: **Environmental Manager (Universal Coal New Clydesdale Colliery**, Kriel, South Africa).
- March 2017 – May 2018: **Environmental Specialist (Exxaro Arnot Mine**, Rietkul, South Africa).
- March 2016 – February 2017: **Environmental Practitioner (Sasol Mining – Brandspruit and Impumelelo Collieries**, Secunda, South Africa).
- August 2015 – February 2016: **Environmental Consultant (Commonground Environmental Consulting**, Middelburg, South Africa).

- August 2008 – July 2015: **Environmental Superintendent (BHP Billiton Energy Coal South Africa (BECSA) - Klipspruit and Wolvekrans Collieries** Ogies/Middelburg, South Africa).
- June 2006 – July 2008: **Environmental Specialist (Sasol Mining Support Services,** Secunda, South Africa).
- November 2002 – May 2006: **Assistant Director Environment (Department of Minerals and Energy,** Polokwane, South Africa).

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

Signature _____



Tanja Bekker

Company: NTC Group (Pty) Ltd
Environmental Lead Auditor
Mobile: +27 82 412 1799
Email: tanja@ntcgroup.co.za

BRIEF PROFILE

Ms. Tanja Bekker has more than 21 years' working experience in the Environmental Consultancy and Auditing Industry. Her key focus is compliance audits, environmental performance assessments, environmental management, and environmental licensing, with extensive experience in the mining industry. Project Management and Coordination form a critical component of her duties, which include environmental gap analysis, project planning, initiation of projects, client, authority and stakeholder consultation, specialist coordination, budget control, process control, quality control and timeframe management.

PROFESSIONAL QUALIFICATIONS

2002	University of Johannesburg	B.Sc. Earth Sciences
2003	University of Johannesburg	B.Sc. Geography Cum Honours
2004	University of Johannesburg	M.Sc. Environmental Management

CAREER ENHANCING COURSES

- ISO 14000 Lead Auditors Course (WTH Management)
- Certificate in Project Management (Pretoria University)
- Management Advance Programme (MAP 81) (Wits Business School)
- Certificate in Customer Service Excellence (Pretoria University Enterprises)
- IWRM, the NWA and Water Use Authorisations (Carin Bosman Sustainable Solutions)

CAREER ENHANCING COURSES

- Registered Environmental Assessment Practitioner of South Africa (EAPASA)
- Certified ISO 14001 Environmental Management System Auditor
- Registered as a Professional Natural Scientist (SACNASP),
- Member of the South African affiliate of the International Association for Impact Assessment
- Member of the Environmental Law Association of South Africa (ELA).



Mary-Ann Carter

Company: NTC GROUP (Pty) Ltd

Environmental Consultant

Mobile: +27 71 546 0937

Email: mary-ann@ntcgroup.co.za

BRIEF PROFILE:

Mary-Ann is an Environmental Consultant with fourteen years of experience in environmental management and sustainability. She started her career in 2009 as an Environmental Scientist, during which she focused on environmental applications (EIA, BAs Waste Licenses, and Air Emissions Licenses etc.) as well as conducting largescale environmental training. Due to her proficiency in Environmental Auditing, she worked as an Auditor from 2012, conducting various audits throughout the country.

Mary-Ann moved into the industrial sector in 2014, where her role has since been to facilitate onsite environmental management: identifying environmental impacts; implementing management systems and improvement plans; monitoring, analysis and continual improvement; environmental legal compliance; and identification of sustainable solutions and projects.

PROFESSIONAL QUALIFICATIONS:

2018	University of Johannesburg	Master of Science in Environmental management
2012	Nelson Mandela Metropolitan University	Bachelor of Science Honours in Environmental Management
2007	Nelson Mandela Metropolitan University	Bachelor of Science in Environmental Geography

CAREER ENHANCING COURSES:

2020	ISO 45001:2018 Understanding & Implementation (SABS)
2010	Assessor Training: USID 115753 (Team Consultants)
2010	Facilitator Training: USID 117871 (Team Consultants)
2010	SETA Internship: Project Management (SETA)

PROFESSIONAL AFFILIATIONS

SACNASP: Pr.Sci.Nat. 126835



RAISIBE MABIZA

Company: NTC Group (Pty) Ltd

Environmental Consultant

Mobile: +27 72 679 3782

Email: raisibe@ntcgroup.co.za

BRIEF PROFILE

Raisibe Mabiza holds a BSc Honours in Environmental Management and has over ten (10) years' industry experience as an Environmental Scientist. Her experience includes environmental compliance auditing of Environmental Authorisations (EAs), Environmental Management Programmes (EMPrs), Atmospheric Emission Licences (AELs), Water Use Licences (WULs), Waste Management Licences (WMLs), as well as environmental permitting (Environmental Impact Assessment (EIA), AEL, WUL, WML) and Environmental Control Officer (ECO). She has undertaken compliance auditing, environmental permitting and on-site compliance monitoring in the mining sector. She has been involved in projects from inception to closure as both a Project Assistant and Project Manager.

PROFESSIONAL REGISTRATIONS

SACNASP Professional Natural Scientist (123746)

PROFESSIONAL QUALIFICATION

2019: Bachelor of Science Honours in Environmental Management

2014: Bachelor of Science in Environmental Management & Geology

PROJECT EXPERIENCE

Raisibe has been involved in several projects as outlined below:

- Environmental Authorisation and licence compliance auditing
- Basic Assessment Reports
- Scoping and EIA
- Environmental Control Officer
- Environmental Management Programme reports
- Stakeholder Management
- Water Use License Applications
- Integrated Waste Management Plans
- Prospecting right applications
- Mining permit and mining right applications
- Assist with S24G application process