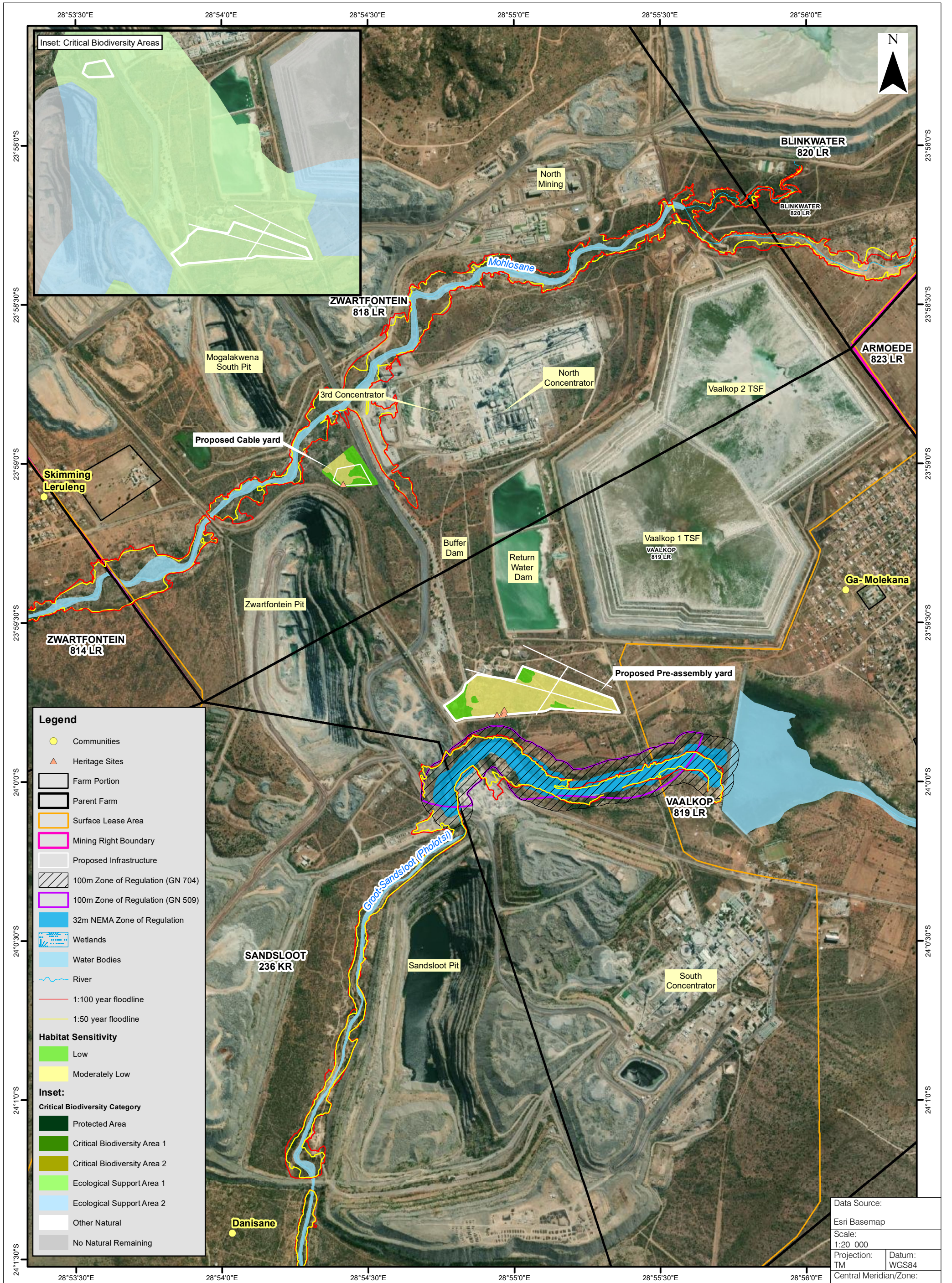




Appendix F: Sensitivity Map (Final Site Map)



Appendix G: SHE Way System Procedure - Competence and Anglo American SHE Policy

Safety, health and environmental management (SHE) policy

OUR VISION	Safety	Health and wellness	Environment
	<p>Our vision is to achieve a continuous safe state through effective management of safety at all our operations.</p> <p>We believe we can operate injury and incident free.</p>	<p>Our vision is to have a healthy, happy, and productive workforce through the dedicated care rendered by our occupational health and wellness programs at Platinum.</p> <p>All our people deserve to be able to return home fit and healthy daily.</p>	<p>Our vision is to always find ways to prevent and reduce harm to the environment (if not restore it) in the way that we design, operate and eventually close operations, always doing so in an environmentally responsible manner.</p>
OUR PRINCIPLES			
	<p>All injuries and incidents are preventable. We are committed to achieving injury-free operations.</p>	<p>We believe that all occupational illnesses are preventable.</p>	<p>We are committed to avoid, minimise and mitigate environmental impacts arising from our activities, products and services, aiming to leverage positive environmental impacts where practicable.</p>
	<p>We are committed to learn forward through a scenario-based approach focused on preventing incidents from happening.</p>	<p>We learn continuously in order to ensure sustainable health and wellness improvement across promotive, preventive, curative, and rehabilitative care.</p>	<p>As a learning organization, we commit to proactively apply a risk-based approach to reduce or prevent environmental impacts, incidents, non-conformances so to prevent recurrence.</p>
	<p>Safety standards and rules are consistently applied throughout Anglo American Platinum with positive accountability.</p>	<p>Our health and wellness standards are consistently applied throughout Platinum.</p>	<p>We are deliberate in applying the most appropriate and sustainable environmental management systems, performance standards and procedures throughout Platinum.</p>
OUR POLICY			
 <p>Riaan Blignaut, executive head SHE and AS&R</p>	<p>We are all accountable for our own safety and the safety of others.</p> <p>Our managers and supervisors commit to providing effective leadership in safety whilst recognising that good safety behaviour is the responsibility of all those who work for us within the context of accountability.</p> <p>Management of every operation own and is responsible for the full and effective implementation of our safety management system in order to prevent injuries and improve our management system and safety performance. This requires compliance with all applicable legal and other requirements that relate to our safety hazards, the allocation of appropriate resources and the provision of training, education, consultation and auditing.</p> <p>We commit to open, transparent, communication with our employees, contractors, suppliers, other business partners and interested third parties to encourage a safety culture that reflects the intent of this policy and fully enables psychological safety.</p> <p>We set appropriate, progressive objectives and monitor progress against these to ensure continuous improvement towards our goal to be fatal and injury free.</p>	<p>We are all accountable for our own health and the health of others. We care by taking care of each other.</p> <p>We encourage and enable all employees and contractors to contribute to creating a working environment that is without harm to health and wellness.</p> <p>We continually reduce exposure at source through good engineering practice, technology deployment and application of the ALARP* principle, and compliance with all applicable legal and other requirements that relate to health hazards.</p> <p>We will provide appropriate resources, technology, systems and training to promote, protect and maintain the health, wellness and working capacity of our people.</p> <p>We are committed to continued open and transparent communication on occupational health and wellness with all stakeholders.</p> <p>We continue to set appropriate objectives and monitor progress against these to ensure continuous improvement towards our goal of no harm or loss.</p> <p>*As low as reasonably practical (ALARP).</p>	<p>We own and are accountable for the environmental management of our activities, products and services. The safety and sustainable development (S&SD) board committee has oversight of the implementation of the environmental management policy and status of environmental performance.</p> <p>Continuous improvement of environmental performance (against set targets and objectives) by our management, contractors and partners shall be achieved through effective leadership in environmental issues whilst recognising the responsibility of all who work for us.</p> <p>Managers of operations own and are responsible for the full implementation of this policy and related system requirements:</p> <ul style="list-style-type: none"> The allocation of appropriate resources and the provision of training to understand environmental impacts, education, consultation and auditing to ensure compliance; The development, implementation and maintenance of environmental policies, programmes and procedures; Effective environmental impact identification, assessment and control, designed to achieve proactive management of our activities, products and services; and Consideration of life cycle stages of our products and services through our supply chain management and procurement (in and out).
 <p>Natascha Viljoen, chief executive officer</p>	<p>We shall conserve and protect our environment from harm and degradation through, amongst others, the efficient use of energy and water, assessment and management of physical climate change and extreme weather risk, minimisation of waste and reduction in pollution. Closure plans and concurrent rehabilitation shall be a priority throughout the life of all operations to ensure sustainable post-closure opportunities.</p> <p>We shall demonstrate active stewardship of land, water systems and biodiversity with which we interact.</p> <p>We respect people's culture and heritage.</p> <p>We shall comply with all applicable environmental legislation and other requirements to which we subscribe and develop a culture of improvement of environmental performance.</p> <p>We will continue to raise internal and external stakeholders' awareness of the environmental management policy and environmental impacts.</p> <p>We commit to open and honest communication with our employees, local communities, contractors, suppliers, investors, business partners and other interested parties to encourage an environmentally responsible culture and sustainable development that reflect the intent of this policy.</p>		<p>We shall demonstrate active stewardship of land, water systems and biodiversity with which we interact.</p> <p>We respect people's culture and heritage.</p> <p>We shall comply with all applicable environmental legislation and other requirements to which we subscribe and develop a culture of improvement of environmental performance.</p> <p>We will continue to raise internal and external stakeholders' awareness of the environmental management policy and environmental impacts.</p> <p>We commit to open and honest communication with our employees, local communities, contractors, suppliers, investors, business partners and other interested parties to encourage an environmentally responsible culture and sustainable development that reflect the intent of this policy.</p>

OPERATIONAL PROCEDURE

MOGALAKWENA COMPLEX SHE Way System Procedure

COMPETENCE

VERSION: 7.0

LAST REVISION DATE: 16 March 2022

FIRST IMPLEMENTATION DATE: 09 October 2015

REFERENCE NUMBER: MS-SHE-OHS-PRO-0005

OLD REFERENCE NUMBER: MS-MIN-OHS-PRO-0004 & MS-PRG-SAF-PRO-0186

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1 Aim

The aim of this document is to promulgate the process to be followed on training of personnel, contractors and business partners at Mogalakwena Complex, making them aware of the Safety, Health and Environmental (SHE) hazards and risks they may be exposed to in their working environment. Teaching them how to perform their roles safely and by virtue of appropriate training, knowledge and experience render them competent to perform their activities / duties that they have been trained and aligned with Anglo American's SHE Way, ISO 14001:2015 and ISO 45001:2018 to meet the SHE intended outcomes.

2 Scope

This procedure is applicable to all persons working under the responsibility of Mogalakwena Complex.

3 Definitions

Term	Definition
Competency	A combination of attributes including knowledge ,skills abilities, experience, qualifications, and attitude that provides a level of assurance of successful performance.
IM Action Management Tool	Electronic programme - Action manager
Induction	General training provided by the organisation to orientate the employee and visitor in his /her new working environment
Record	A document stating results achieved or providing evidence of activities performed. A key characteristic is that records are permanent of nature and typically not revised.
SHE Way	Management system framework that describes our systematic approach to the management of SHE-related risks and opportunities and how this integrates with our business processes.
ISO 14001:2015	ISO 14001:2015 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001:2015 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.
ISO 45001:2018	ISO 45001:2018 specifies requirements for an occupational health and safety (OH&S) management system, and gives guidance for its use, to enable organizations to provide safe and healthy workplaces by preventing work-related injury and ill health, as well as by proactively improving its OH&S performance.

4 Abbreviations

Abbreviation	Explanation
CBT	Computer Based Training
CCTV	Close Circuit Television
CSO	Chief Safety Officer
DMR	Department of Mineral Resources
DVD	Digital Versatile Disc

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Abbreviation	Explanation
HOD	Head of Department
HR	Human Resources
HRD	Human Resources Department
LFI	Learning from Incidents
MQA	Mining Qualifications Authority
OEM	Original Equipment Manufacturer
ORMP	Operational Risk Management Professional
PW	Platinum Way
SETA	Sector Education and Training Authority
SHE	Safety, Health and Environment.
SMS	Short Message Service
TMM	Trackless Mobile Machinery

5 Responsible for Review

- 5.1 SHE Manager
- 5.2 HRD Manager
- 5.3 Senior SHE Specialist
- 5.4 Risk Assurance Coordinator
- 5.5 Environmental Coordinator
- 5.6 Concentrator Manager
- 5.7 General Manager
- 5.8 Manager Mining
- 5.9 Occupational Hygienist

6 Responsible for Implementation

- 6.1 HRD Manager
- 6.2 Head of Departments
- 6.3 Full Time Health and Safety representative
- 6.4 Occupational Hygienist
- 6.5 Supervisors
- 6.6 Line Management

7 General

7.1 Contravention

Breach of this Procedure may lead to disciplinary / legal action.

7.2 Distribution

#	Distributed to	Physical Copy	Electronic Copy
1	All Head of Departments	SHE Administrator – Document Safe	SharePoint SHE Way Eureka
2	All Line Managers		
3	All Mogalakwena Employees and Contractors SHE Administrator		

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7.3 Responsibility

7.3.1 SHE Department

- 7.3.1.1 Identify Safety, Health and Environment training needs for all roles, positions and job functions that can affect SHE Performance.
- 7.3.1.2 Liaise with the HR Department regarding training needs and programs and update accordingly.

7.3.2 HRD Department

- 7.3.2.1 Assist the SHE Department to clearly define and identify competency requirements, training needs, training and the evaluation of training for all duties, in terms of education, training and experience for all organisational roles, positions and job functions that can affect SHE Performance.
- 7.3.2.2 Assessing competencies of personnel and contractors, as part of recruitment and job selection and personnel movements.
- 7.3.2.3 Arrange and coordinate Safety, Health and Environment training, refresher training and coaching sessions to personnel with roles and responsibilities for SHE Management.
- 7.3.2.4 Keep records of appropriate competence documented information Safety, Health and Environment training (SETA accredited training).
- 7.3.2.5 Keep training matrices updated for all employees.
- 7.3.2.6 Review the Implemented training systems and processes on a periodic basis to evaluate the effectiveness of the training provided, actions taken to ensure it is relevant and appropriate to the nature and extent meeting the needs of the operations Safety, Health and Environment risks.

7.4 Additional Information

7.4.1 Mogalakwena Mine SHE Policy

- 7.4.1.1 Safety Commitment “We will provide appropriate resources, systems and training to protect, maintain and promote the safety and working capacity of our people”
- 7.4.1.2 Health Commitment “We will provide appropriate resources, systems and training to protect, maintain and promote the health, wellness and working capacity of our people”
- 7.4.1.3 Environmental Commitment: “We will allocate appropriate resources and systems and provide training, education, consultation and auditing to minimise and mitigate environmental risk and impacts arising from our activities, products and services.”

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8 Safety Requirements for this Procedure



The above Nertney wheel provides clear risk management processes to achieve safe productivity in the workplace. Fit for Purpose Equipment, Safe Work Practices, Competent People and Controlled Work Environment all provide processes to help manage the risks to health and safety in the workplace.

8.1 Competent People

8.1.1 The organization shall ensure to:

- 8.1.1.1 Determine the necessary competence of workers that effects or can affect its OH&S performance.
- 8.1.1.2 Ensure that workers are competent (including the ability to identify hazards) on the basis of appropriate education, training or experience.
- 8.1.1.3 Where applicable, take actions to acquire and maintain the necessary competence, and evaluate the effectiveness of the actions taken.
- 8.1.1.4 Retain appropriate documented information as evidence of competence.

NOTE - Applicable actions can include, for example the provision of training to, the mentoring of, or the re-assignment of currently employed persons, or the hiring or contracting of competent persons.

8.2 Fit for purpose equipment

- 8.2.1 The Contract/Business Partner Manager/representative shall further ensure that the following requirements are met;
- 8.2.2 Any equipment brought onsite shall have a certificate from the OEM stating the noise emissions from the said equipment. No equipment will be allowed to come onsite with noise levels higher than 107 dB (A).
- 8.2.3 Any hazardous chemicals to be utilized by the Contracting Company shall be pre-approved according to the requirements of the Hazardous Materials Management Standard ([MS-SHE-HLH-STD-0002](#)).

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8.3 Standard Operating Procedures

8.3.1 The contractor SHE requirements are based on Mogalakwena Complex SHE management system framework. It is the responsibility of the relevant Mogalakwena Complex Line Manager/Contract Manager to ensure that all the requirements are complied with. It is the responsibility of the Contractor Line Manager (2.9.2 and 2.6.1) to ensure compliance to Mogalakwena Complex SHE requirements on a monthly basis. The responsible Line Manager (Mogalakwena) will verify the information or documents that is uploaded in Passport 360 to ensure that they stay current and were required approve or endorse.

9 Procedure

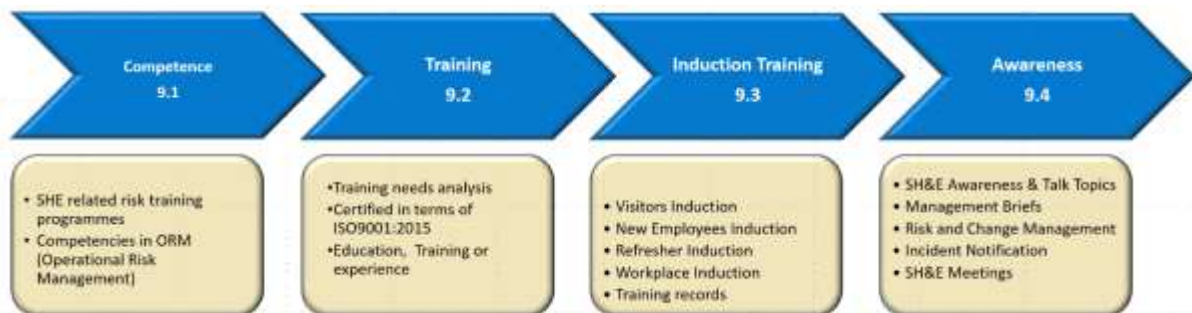


Figure 2: Competence Process Diagram

9.1 Competence

- 9.1.1** The Human Resources and Development Manager is responsible for the competency and awareness training of employees. This training is done both on a one to one basis or CBT computer-based training onsite as well as in a group.
- 9.1.2** Ensure that training, refresher training and coaching is delivered to personnel with roles and responsibilities for SHE management in the context of identification relating to aspects and impacts.
- 9.1.3** Ensure that SHE related risk training programmes is addressed delivered in an appropriate and effective medium taking into consideration cultural, educational diversity, varying levels of responsibility, ability, language skills, literacy etc.
- 9.1.4** Competence and the effectiveness of training and development initiatives as described in the HRD Skills matrix will be determined through the following methods:
- 9.1.4.1 Trend analysis of incidents reported.
 - 9.1.4.2 Analysis of work areas during visits and audits (Risk profiling).
 - 9.1.4.3 Trend analysis of monthly zero tolerance data as recorded per Production Area.
 - 9.1.4.4 Results from Planned Task Observations.
 - 9.1.4.5 Results from follow up competence assessments.
 - 9.1.4.6 Change in technology and methods
 - 9.1.4.7 Accident & Investigations/inquiries
 - 9.1.4.8 MQA unit standards
- 9.1.5** Refresher training forms part of the HRD training programme and will be conducted after:

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- 9.1.5.1 Annual leave
- 9.1.5.2 An incident occurred (due to change management or as refresher)
- 9.1.5.3 Extended leave of absence
- 9.1.5.4 Or when instructed to

9.1.6 Initial equipment training includes OEM specifications and mine specific task procedures. When changes within current procedures and / or new procedures are identified and documented, the HRD department ensures that the relevant changes are communicated and understood by all affected employees.

9.1.6.1 Competencies in Operational Risk Management is achieved through successful completion of the Anglo American Occupational Risk Management Programme (ORMP) courses, which are managed by the Human Resources Development Department.

Managers (or persons responsible for planning and management at levels above day-to-day work Planning) complete the 'A3' course or equivalent

9.1.6.2 Supervisors or persons responsible for work Planning and work supervision complete the 'A2' course or equivalent.

9.1.6.3 General employees complete the 'A1' course or equivalent.

9.2 Training

9.2.1 Training needs analysis

9.2.1.1 Safety, Health and Environmental training needs are identified by the HRD department in consultation with the SHE department.

9.2.1.2 HRD department are certified in terms of ISO 9001: 2015 and detailed information regarding training and competence processes forms part of this system.

9.2.1.3 Management can request specific training to be conducted based on identified needs.

9.3 Induction training

9.3.1 Visitors Induction (15 minutes)

9.3.1.1 Visitors will undergo a short SHE induction and COVID-19, on completion of which an induction card is issued, which is valid for 6 months.

9.3.1.2 Visitors are required to attend the visitor's induction (DVD) and sign an attendance register when required to visit the red areas (open pit and plant areas).

9.3.2 New employees and refresher induction

9.3.2.1 New and current employees will undergo a SHE induction at the HRD training facilities. This induction is valid for 18 months. The SHE department assist the HRD department in ensuring that SHE related issues are covered in the induction programme.

9.3.2.2 All employees will be required to the generic induction on CBT and a standard Induction card will be issued regardless of Mining or Process.

9.3.2.3 Workplace specific training, like DMR for process employees and TMM training for mining, will be done separately.

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9.3.3 Workplace Induction

9.3.3.1 All employees on annual leave will be required to do a full induction upon return.

9.3.4 Training records

9.3.4.1 Competency / Training documented information and records are kept at the HRD Department.

9.3.4.2 Assessments are archived by the HRD Department.

9.4 Awareness

9.4.1 The following sources of information can be used to promote general Safety, Health and Environmental awareness:

- 9.4.1.1 SHE Policy and Objectives;
- 9.4.1.2 Newsletters, including management briefs
- 9.4.1.3 Internal publications;
- 9.4.1.4 SHE campaigns;
- 9.4.1.5 Clothing printed with relevant messages;
- 9.4.1.6 Safety, Health and Environmental awareness videos;
- 9.4.1.7 SHE Talk Topics;
- 9.4.1.8 SHE risks and hazards determined by the operation;
- 9.4.1.9 Implications for not conforming to the SHE Management system requirements including non-compliance to compliance obligations.
- 9.4.1.10 Ability to identify, remove themselves in a dangerous work situation, serious danger to their life, health or environment or arrangements protecting them from undue consequence for doing so.
- 9.4.1.11 The Implication for not conforming to SHE management system requirements including non-compliance to compliance obligations.

9.4.2 Safety, Health and Environmental Talk Topics (Monthly)

- 9.4.2.1 Safety, Health and Environmental talk topics are drafted by SHE department Specialist. The document is compiled and forwarded electronically for communication by the communication officer. (Talk Topics are available on the SHE Way - Communication element).
- 9.4.2.2 Hard copies are made available for SHE meetings and for distribution.
- 9.4.2.3 Safety, Health and Environmental topics are discussed at the green area meetings.
- 9.4.2.4 Safety, Health and Environmental monthly talk topics are displayed on SHE notice boards. Supervisors of each area are required to keep documented proof of communication of talk topics with the team.

9.4.3 Management Briefs

- 9.4.3.1 Some of the communications on the management briefs are training related and such information should be passed on the HRD database and employees must be educated, trained and empowered to comply with the instructions on the management brief. Such interventions could also be delivered through relevant supervisors and the records kept and to be made available on request.

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9.4.4 Risk and Management of Change

- 9.4.4.1 Some instances of the change management involve retraining or new training for employees. HRD must be involved in all change management processes in order to initiate training interventions if required.
- 9.4.4.2 In some cases, procedures must be revised in line with the recommendations from the change management and personnel must be trained as such, such information should be made available to the HRD department at all times.
- 9.4.4.3 Any new or additional training from the Management of Change process must be updated on the training matrix for all employees affected.

9.4.5 Internal incident notifications and outcomes of investigations

- 9.4.5.1 Internal incident notifications, alerts and outcomes of investigations are generated by the SHE department following an incident.
- 9.4.5.2 These incident notifications and SHE alerts are distributed to sections in Mogalakwena Complex within 24 hours in order to make people aware of the incident.
- 9.4.5.3 Incident notifications and alerts are also made available on the SHE Way.
- 9.4.5.4 Alerts is discussed at the Monthly health and safety committee meeting.
- 9.4.5.5 Alerts and outcomes of investigations are received from other operations or external companies (LFI process) on a regular basis and are then scrutinized by the SHE department and comments made on these where necessary and sent to relevant sections on the mine in order to make people aware of the incident as well as the lessons learnt.

9.4.6 Meetings

9.4.6.1 General Occupational Safety, Health and Environmental Awareness forms part of the following meetings:

- 9.4.6.1.1 SHE departmental meeting;
- 9.4.6.1.2 Safety officers' meetings;
- 9.4.6.1.3 Standards committee meeting;
- 9.4.6.1.4 SHE committee meeting;
- 9.4.6.1.5 HOD meeting;
- 9.4.6.1.6 Weekly Contractor SHE meeting; and
- 9.4.6.1.7 Green area meetings.

9.4.7 Safety, Health and Environmental incident statistics awareness

- 9.4.7.1 Safety, Health and Environmental incidents are communicated daily via SMS to line management;
- 9.4.7.2 Safety, Health and Environmental statistics are communicated daily via Email;
- 9.4.7.3 Safety, Health and Environmental statistics are communicated in the weekly communication meeting.

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10 History of Changes

Reason for Change - Index	
A. As a result of incidents	B. As a result of audit findings
C. New / changes in governance documents	D. Changes in legislation
E Changes in technology	F. Changes in machinery/equipment
G Results of risk assessments	H. Change in training requirements
I. New document format	J. Change due to spelling or grammatical error
K. To integrate a special instruction into the document control system	
L. Periodic Review	

Date of change	Revised Item (Paragraph number)	Changes Made	Reason Code	Name of reviewer
18 September 2015	New Procedure	New document – Document combined for Mogalakwena Complex	C	See signature list on front page
23 August 2016	Changes	Changes made to procedure - see changes highlighted in blue.	C	See signature list on front page
14 June 2017	Changes	NEW TEMPLATE AND SYSTEM CHANGES	C/I	See signature list on front page
19 December 2018	Changes	SYSTEM CHANGES	C/I	See signature list on front page
14 August 2020	Changes	SEE CHANGES IN BLUE	C	See signature list
16 March 2022	Whole document	SEE CHANGES MADE IN BLUE	C	See signature list

11 Record Control

Records to be maintained in accordance with the Group [Policy Governance Framework CTR-FPM-GRA-POL-0011](#)

Identification	Reference number	Responsible for filing	Responsible for maintenance	Location of storage area	Retention period	Method of disposal
Competence, Training and Awareness Procedure	MS-SHE-OHS-PRO-0005	SHE Administrator	SHE Department	SHE Administrator – Document Safe	2 Revisions	Electronic Archiving and Shredding
Training Records	Employee Number / ID Number	HRD Officer	HRD Department	HRD Department	Refer to retention schedule	Electronic Archiving and Shredding

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12 References

Doc. Name	Document Description
CTR-SPL-SAF-SM-001	AP SHE management system standard 12
ISO 14001:2015	Environmental Management System
ISO 45001:2018	Occupational Health and Safety Management System
SHE WAY	Management System Framework

13 Appendices

None.

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Appendix H: Authority Consultation



mineral resources & energy

Department:
Minerals Resources and Energy
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E-Mail Address: Nicholas.Chavalala@dmr.gov.za
Sub-Directorate: Mine Environmental Management

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The Director(s):

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For attention: Willie Noordman/ Mr Riaan Bligna

Email: Platinum.Environmental@angloamerican.com/ willie.noordman@angloamerican.com

APPLICATION FOR ENVIRONMENTAL AUTHORISATION LODGED IN TERMS OF SECTION 24 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH REGULATION 19 OR OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 FOR IN RESPECT OF THE FARMS ZWARTFONTEIN 818 LR AND PORTION 0 OF THE FARM VAALKOP 819 LR, SITUATED IN THE MAGISTERIAL DISTRICT OF MOGALAKWENA, LIMPOPO REGION

Your request for extension received via email on the 28th October 2022 refers.

1. According to Regulation 19 (1) of NEMA, 1998 (Act 107 of 1998) as amended, Where basic assessment must be applied to an application, the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority:

(a) a basic assessment report and an EMPr, and where applicable a closure plan, including any specialist reports compiled, which have been subjected to a public participation process of at least 30 days and which reflects the incorporation of comments received, including the comments of the competent authority; or

(b) a notification in writing that the basic assessment report and EMPr, including any specialist reports compiled, and where applicable the closure plan, will be submitted within 140 days of receipt of the application by the competent authority, as the initial public participation process contemplated in subregulation (1)(a)

resulted in significant changes or new information being added to the basic assessment report or EMPr or closure plan and that the revised basic assessment report or, EMPr or closure plan will be subjected to another public participation process of at least 30 days.

2. In terms of regulation 7(3) of the EIA regulation of 2014 " *In the event where the scope of work must be expanded based on the outcome of an assessment done in accordance with these Regulation, which outcome could not be anticipated prior to the undertaking of the assessment, or in the event where exceptional circumstances can be demonstrated, the competent authority may, prior to the lapsing of the relevant prescribed timeframe, in writing, extend the relevant prescribed timeframe and agree with the applicant on the length of such timeframe*".

3. With reference to the above regulations, your request is hereby **granted** and the BAR/EMPr must be submitted within **50 days** from the date of this letter.

4. However, upon failure to submit the BAR & EMPr within the specified timeframe, the application will be considered as having lapsed.

Yours faithfully,



REGIONAL MANAGER: MINERAL REGULATION

LIMPOPO REGION

DATE: 21/10/2022



1 November 2022
575107

Department Of Agriculture Forestry and Fisheries

Dear Ms Maboko

NEMA Draft Basic Assessment/Environmental Management Programme Report for the proposed pre-assembly and cable repair yards at Mogalakwena Complex

DMRE Reference Number: Ref: LP 30/1/2/3/2/1(50) EM

SRK Consulting (SRK) has been appointed by Anglo American Platinum Limited as the independent Environmental Assessment Practitioner (EAP) to undertake the necessary environmental authorisation process and associated stakeholder engagement to meet the requirements of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and Minerals and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA) for the proposed M3C pre-assembly yard and cable repair yard projects.

As part of the public review phase (extending from 2 November to 3 December 2022), we would like to request your review of the Draft Basic Assessment/EMPr for the Proposed M3C pre-assembly yard and cable repair yard projects at Mogalakwena Complex. Please find a copy of the Draft Basic Assessment/EMPr attached to this letter.

Should you require any further details please contact Ms Ashleigh Maritz at SRK: 011 441 1154 / 082 428 0005 or amaritz@srk.co.za.

SRK Consulting (South Africa) (Pty) Ltd

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575107/44864/Letter
354-3549-7491-MARA-01/11/2022
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Ashleigh Maritz
Principal Environmental Scientist and Project EAP

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Directors AJ Barrett, CD Dalglish, WC Joughin, V Maharaj, VS Reddy, T Shepherd, AT van Zyl

Associate Partners PJ Aucamp, T Claassen, SA de Villiers, IT Doku, M du Toit, LM Linzer, JI Mainama, RD O'Brien, LC Shand

Consultants JR Dixon, PrEng, GC Howell, PrEng, PhD, WC Joughin, PrEng, MSc, PR Labrum, PrEng, LM Linzer, PrSci Nat, PhD, SA Lorentz, PhD, RRW McNeill, PrTech Eng, HAC Meintjes, PrEng, MSc, PN Rosewarne, PrSci Nat, MSc, PE Schmidt, B.Comm, DipAcc, CA(SA), AA Smithen, PrEng, TR Stacey, PrEng, DSc, PJ Tebrugge, PrSci Nat, MSc, HFJ Theart, PrSci Nat, PhD, DJ Venter, PrTech Eng

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Agenda

- Opening and welcome
- Purpose of the meeting
- Introduction to project
- Regulatory requirements and process
- Stakeholder engagement
- Specialist studies
- Discussion and way forward







Mogalakwena Mine – Anglo American Platinum Combined Basic Assessment Environmental Authorisation

DMRE Pre-Application Meeting

29 June 2022

Purpose of the meeting

- i** Provide an overview of the proposed project:
 - Pre-Assembly Yard
 - Cable Yard
 - Amended Mining Right inclusion into the Environmental Authorisation
- i** Present the identified regulatory requirements
 -  Environmental - NEMA ✓
 -  Waste – NEM:WA ✗
 -  Water - NWA ✗
- i** Stakeholder engagement
 - In line with the NEMA requirements for a Basic Assessment
 - Public participation plan in terms of GN650 (query applicability)
- i** Specialist Studies 
 - Specialist studies specific to the project
- i** Discussion and way forward

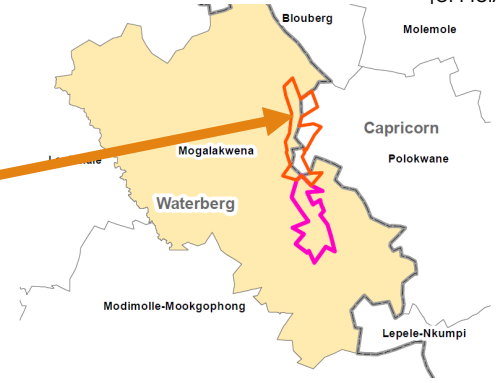


Overview of the proposed projects

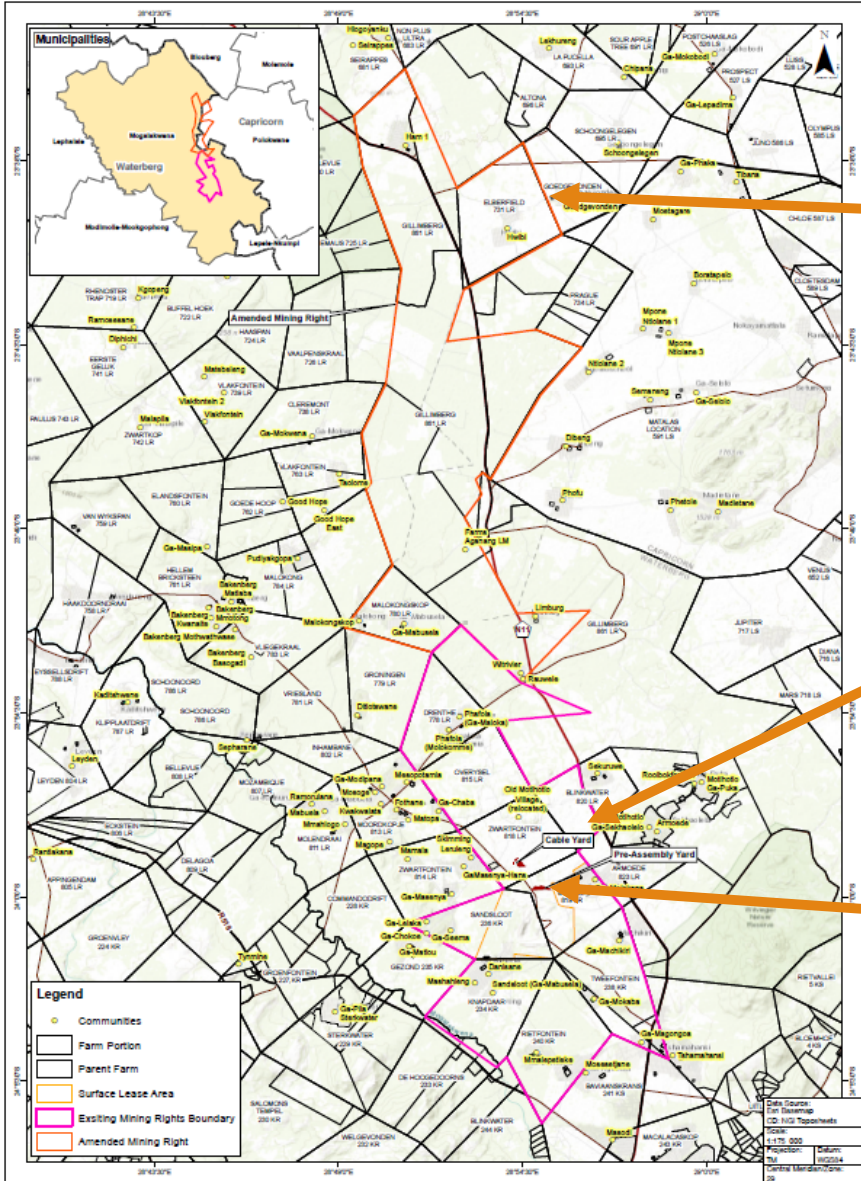
NEMA

Project components	NEMA Listed Activities requiring a Basic Assessment	NEMA Regulation 31
<p>Pre-Assembly Yard: This area will be used to pre-assemble equipment and machinery which will be installed at the Mogalakwena Complex Third Concentrator</p>	<p>X – GNR 983, Activity 27 (clearance of more than 1ha but less than 20ha of indigenous vegetation)</p>	
<p>Cable Yard: The cable yard will be used to repair and connect cable for the southern area of the Mogalakwena Complex</p>	<p>X - GNR 983, Activity 27</p>	
<p>Inclusion of Mining Right: The amended mining right was issued in 2019, however, the mine would like to include the amended mining right area in to the Mogalakwena Complex Environmental Authorisation (no infrastructure planned on newly acquired MRA)</p>		<p>X</p>

Locality of Projects



Amended Mining Right



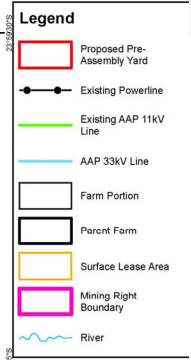
Cable Repair Yard
(Zwartfontein 818 LR)



Pre-Assembly Yard
(Vaalkop 819LR)



Pre-assembly Yard Locality



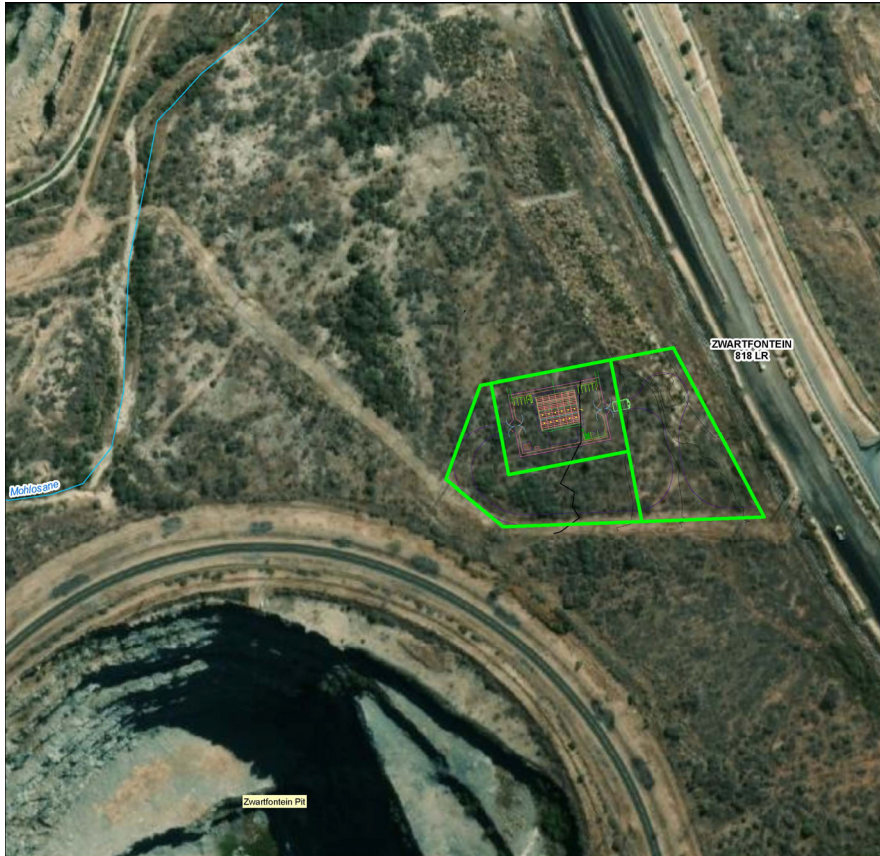
Data Source: _____
 Esri Basemap
 Scale: 1:5 000
 Projection: Datum: WGS84

Area to be cleared:
 Approximately 18ha

Key activities: Clearing of vegetation, establishment of temporary construction facilities, laydown and storage of equipment & materials and pre-assembly of structures

Key infrastructure:
 Placement of temporary/containerized buildings, portable toilets, installation of temporary water tanks, reticulation of power and IT networks, perimeter fence and establishment of parking areas.

Cable Repair Yard Locality



Area to be cleared:

Approximately 4.5ha

Key activities: Clearing of vegetation, earthworks and concreting of the area, stormwater management, masonry work, structure steel works and electrical installation.

Key infrastructure:

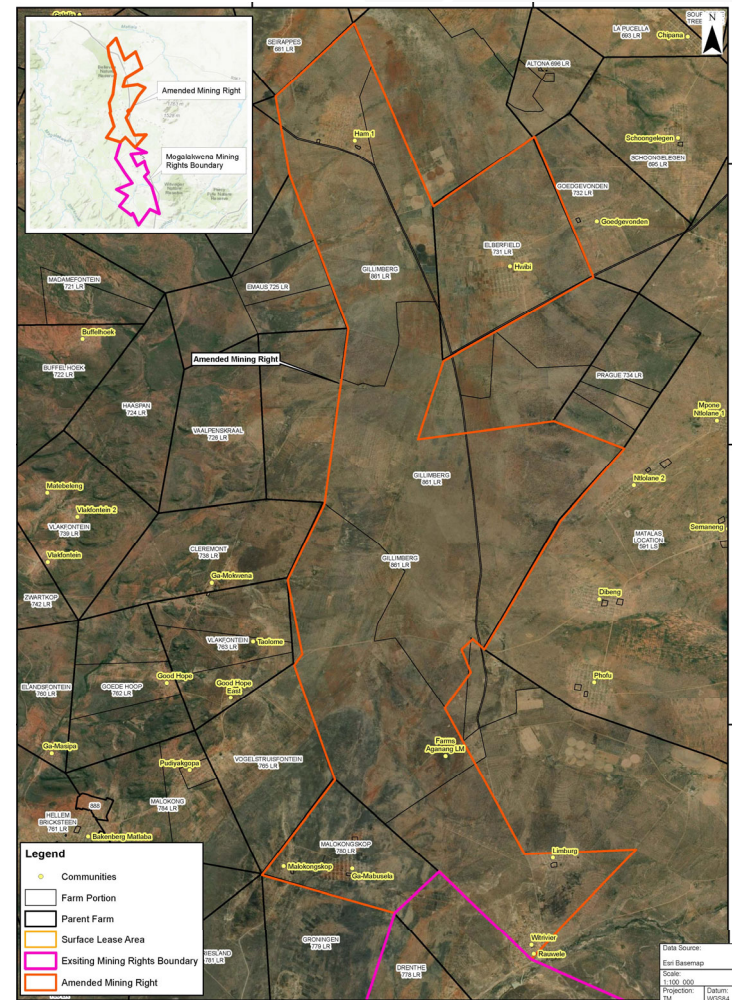
Workshop building, Concrete laydown area, conservancy tank, parking areas, waste collection area, fencing and utilities and infrastructure such as road, electricity and water.

Amended Mining Right

Area to be cleared: Not applicable as the development of infrastructure does not form part of the integration of the amend mining right into the Mogalakwena Complex Environmental Authorisation.

Key activities and activities: Not applicable as no activities or infrastructure associated with the amended mining right will be authorised as part of this process.

The farms and farm portions that will need to be integrated into Mogalakwena Complex's existing environmental authorisation are Gillimberg 861LR, Malakongkop 780 LR and Elberfield 731 LR.



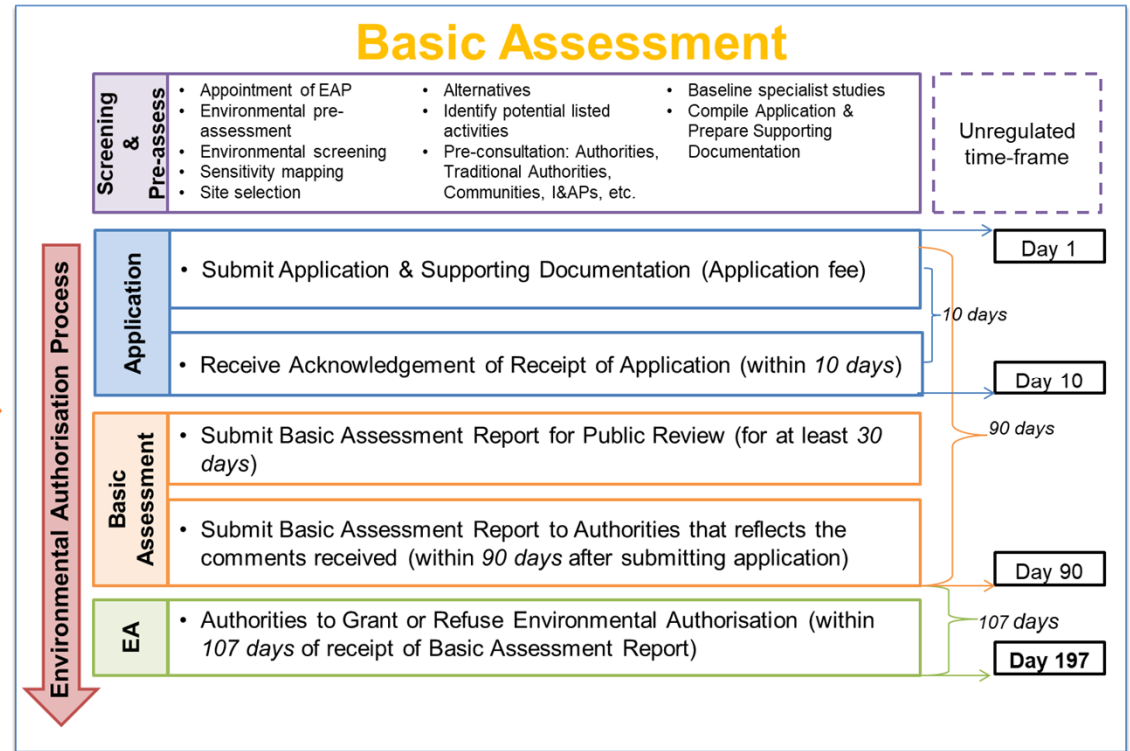
Regulatory process

Basic Assessment (NEMA)

Listing Notice 1 – Activity 27 (GN R 938, 2014 (as amended)) The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation

Regulation 31 (Part 2 Amendment) (GN R 982, 2014) An environmental authorisation may be amended by following the process prescribed in this Part if the amendment will result in a change to the scope of a valid environmental authorisation where such change will result in an increased level or nature of impact where such level or nature of impact was not –

1. assessed and included in the initial application for environmental authorisation; or
2. taken into consideration in the initial environmental authorisation; and the change does not, on its own, constitute a listed or specified activity.



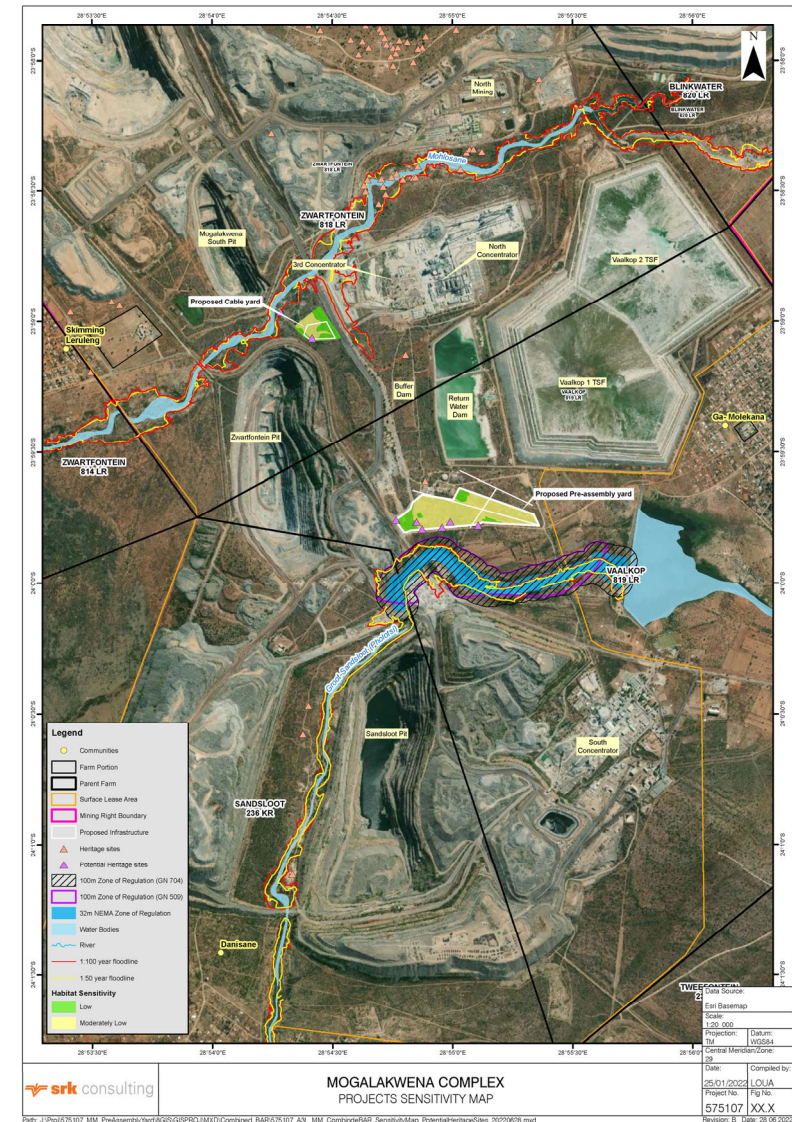
Sensitivity assessment and Specialist studies

The following specialist studies have been conducted as part of the Combined Basic Assessment Project

- Freshwater Specialist Study
- Terrestrial Specialist Study
- Heritage Specialist Study
- Noise Specialist Study

Key findings to note:

- Based on the specialist studies which have already been conducted a sensitivity map was compiled.
- Within existing mining right and surface lease areas
- Project areas not in close proximity to a watercourses
- Identified heritage sites, insignificant and can be mitigated
- Phase 1 paleontological assessment has been recommended
- Limited indigenous vegetation present at the pre-assembly yard however cumulative clearance may sum up to more than 1ha
- Potential increase in noise due to the project not significant



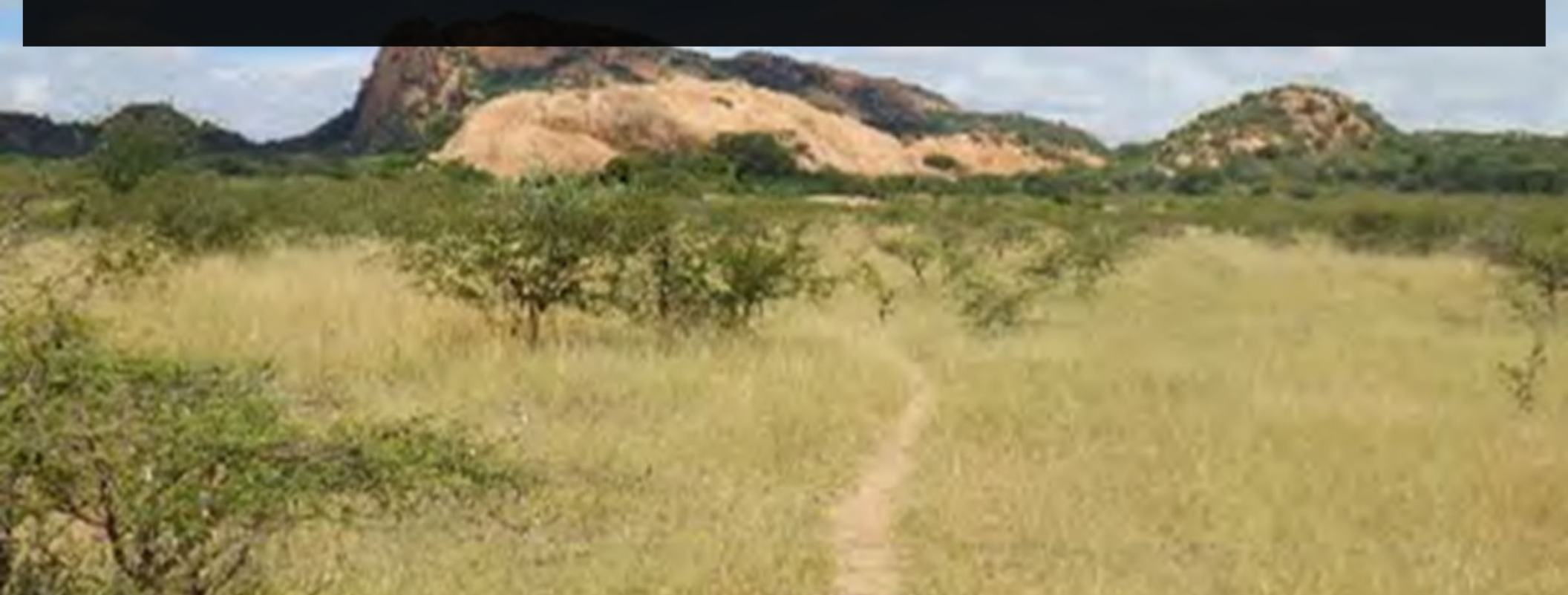
Path: J:\Proj\675107_MM_PreAssembly\asd\BOS\GIS\PROJ\MAD\Combined_BAS\675107_ASL_MM_CombordeBAR_SensitivityMap_PotentialHeritageSites_20220628.mxd

Stakeholder Engagement

Proposed as part of Environmental Authorisation process

- In line with NEMA requirements as well as GN 650 (still required?)
 - Project announcement
 - Site notices
 - Advertisement
 - Background information document
 - Public review of draft Basic Assessment
 - Consult with interested and affected parties, government authorities and traditional authorities

DISCUSSION AND WAY FORWARD



Thank You |  **srk** consulting



1 November 2022
575107

Limpopo Department of Water Affairs and Sanitation

Dear Mr Nethengwe

NEMA Draft Basic Assessment/Environmental Management Programme Report for the proposed pre-assembly and cable repair yards at Mogalakwena Complex

DMRE Reference Number: Ref: LP 30/1/2/3/2/1(50) EM

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Should you require any further details please contact Ms Ashleigh Maritz at SRK: 011 441 1154 / 082 428 0005 or amaritz@srk.co.za.

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Ashleigh Maritz
Principal Environmental Scientist and Project EAP

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1 November 2022
575107

Limpopo Department: Economic Development, Environment and Tourism

Dear Mr Ngwasheng

NEMA Draft Basic Assessment/Environmental Management Programme Report for the proposed pre-assembly and cable repair yards at Mogalakwena Complex

DMRE Reference Number: Ref: LP 30/1/2/3/2/1(50) EM

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Principal Environmental Scientist and Project EAP

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N^o 25710

To: Mr Ngwasheng Date: 2 November 2022 SRK contact: Ashleigh Maritz
LEDET, Polokwane Project: combined Basic assessment Phone: 082478 0005
 Project No: 575107

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To: Mogalakwena Complex Date: 2 November 2022 SRK contact: Ashleigh Maritz
 Project: combined BAR Draft Phone: 082428 0009
 Project No: 575107

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No 25708

To: Mg Maboko
Department of Agriculture,
Forestry & Fisheries, Polokwane

Date: 2/11/2022
 Project: 578107 - combined
 Project No: Basic Assessment

SRK contact: Ashleigh Maritz
 Phone: 082 478 0005

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To: Mopela TA office Date: 2 November 2022 SRK contact: A. Maritz
 Project: 575107 Phone: 011 441 1154
 Project No: combined BAR

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To: Mr Nethengwe Date: 2 November 2022 SRK contact: Ashleigh Marite
DW9 Polokwane Project: Combined basic assessment Phone: 0874786005
 Project No: 575107

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Received by: LYDWICK MABZWI
 Date: 02/11/2022



Acknowledgement of Receipt
Anglo American Platinum: Mogalakwena Complex
Proposed Supporting Infrastructure Projects

DRAFT BASIC ASSESSMENT REPORT

DMRE Ref Number: LP30/5/1/2/2/50 MR

SRK Reference Number: 575107

I, INDAH MHLONGO, hereby acknowledge receipt of the Draft Basic Assessment Report for the proposed Mogalakwena Complex Supporting Infrastructure Projects (pre-assembly and cable repair yards).

Designation: Security

Organisation: Mogalakwena

Signature: [Handwritten Signature]

Date: 02/11/2022

Partners R Armstrong, P Aucamp, JS Bartels, CM Bauman, N Brien, JM Brown, LSE Coetzer, CD Daighesh, BM Engelstein, R Gardiner, M Hirsch, SG Jones, W Jordaan, WC Joughin, DA Kram, FLuke, JA Lake, NG Maclean, V Maharaj, I Manomed, HAC Moutjes, Mj Morna, DM Mossop, GP Nel, VS Reddy, S Routhier, Pj Shephard, T Shephard, MJ Smit, JS Smit, M van Huyssteen, AT van Zyl, MD Warless, CJ Westers, AR Venter, A Wood

Directors WC Joughin, V Maharaj, T McGurk, VS Reddy, T Shephard, JS Smit, AT van Zyl

Associate Partners PL Bumeister, U Boshoff, T Claassen, SA de Villiers, IF Doku, M du Toit, LM Lunzer, JI Manama, RD O'Brien, AM Robertshaw, LC Shand

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Acknowledgement of Receipt
Anglo American Platinum: Mogalakwena Complex
Proposed Supporting Infrastructure Projects

DRAFT BASIC ASSESSMENT REPORT

DMRE Ref Number: LP30/5/1/2/50 MR

SRK Reference Number: 575107

I, Sedgetse M J, hereby acknowledge receipt of the Draft Basic Assessment Report for the proposed Mogalakwena Complex Supporting Infrastructure Projects (pre-assembly and cable repair yards).

Designation: Assistant Director

Organisation: LEDET

Signature: 

Date: 02/11/2012

Partners R Armstrong, P Aucamp, JS Bartels, CM Bauman, N Brien, JM Brown, LSE Coetser, CO Daigjesh, BM Engelsman, R Gardiner, M Hirsch, SG Jones, W Jordaan, WC Joughin, DA Khan, F Lake, JA Lake, NG Macfarlane, V Maharaj, I Mahomed, HAC Meinjes, MJ Morris, DH Mossop, GP Nel, VS Reddy, S Reuther, PJ Shepherd, T Shepherd, MJ Sim, JS Sliff, M van Huyssteen, AT van Zyl, MD Wanless, CJ Wessels, ML Wertz, A Wood

Directors WC Joughin, V Maharaj, T McGurk, VS Reddy, T Shepherd, JS Sliff, AT van Zyl

Associate Partners PL Burmeister, LI Boshoff, T Claassen, SA de Villiers, IT Doku, M du Toit, LM Linzer, JI Mainema, RD O'Brien, AM Roertshaw, LC Shand

Consultants JR Dixon, PrEng, GC Howell, PrEng, PhD, WC Joughin, PrEng, MSc, PR Labrum, PrEng, LM Linzer, PrSci, Nat, PhD, SA Lorenz, PhD, RRW, McNeill, PrTech, Eng, HAC Meinjes, PrEng, MSc, PN Rosewarne, PrSci, Nat, MSc, YM Simposya, PrSci, Nat, AA Smithen, PrEng, TR Slacey, PrEng, DSc, PJ Tebrugge, PrSci, Nat, MSc, HFJ Theart, PrSci, Nat, PhD, DJ Venter, PrTech, Eng

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Anglo American Platinum: Mogalakwena Complex
Proposed Supporting Infrastructure Projects

DRAFT BASIC ASSESSMENT REPORT

DMRE Ref Number: LP30/5/1/2/2/50 MR

SRK Reference Number: 575107

I, LYDWICK MAZWI, hereby acknowledge receipt of the Draft Basic Assessment Report for the proposed Mogalakwena Complex Supporting Infrastructure Projects (pre-assembly and cable repair yards).

Designation: SECURITY OFFICER

Organisation: AWS

Signature: Mazwi

Date: 02/11/2022

Partners R Armstrong P Aucamp JS Bartels CM Bauman N Brien JM Brown LSE Coetser CD Dajglish BM Engelsman R Gardiner M Hinsch SG Jones W Jordaan WC Joughin DA Khan F Lake JA Lake NG Macfarlane V Maharaj I Mahomed HAC Mentjes MJ Morris DH Mossop GP Nel VS Reddy S Reuther PJ Shepherd T Shepherd MJ Sim JS Stiff M van Huyssteen AT van Zyl MD Wanless CJ Wessels ML Wertz A Wood

Directors WC Joughin V Maharaj T McGurk VS Reddy T Shepherd JS Stiff AT van Zyl

Associate Partners PL Burmeister Li Boshoff T Claassen SA de Villiers IT Doku M du Toit LM Linzer JI Manania RD O'Brien AM Robertshaw LC Shand

Consultants IR Obara (PEng) GC Wessels (PEng PhD WC Joughin (PEng MSc PR Librum (PEng LM Linzer (PSci Nat PhD SA Lorentz (PhD RW Mchale (P.Tech Eng HAC Mentjes (PEng MSc PN Rosewami (PSci Nat MSc VM Singsaya (PSci Nat AA Smithey (PEng TR Shetty (PEng DSC PJ Terbrugge (PSci Nat MSc HFJ Thant (PSci Nat PhD DJ Venter (PEng Tech Eng

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Acknowledgement of Receipt
Anglo American Platinum: Mogalakwena Complex
Proposed Supporting Infrastructure Projects

DRAFT BASIC ASSESSMENT REPORT

DMRE Ref Number: LP30/5/1/2/2/50 MR

SRK Reference Number: 575107

I, Modipadi Maboko, hereby acknowledge receipt of the Draft Basic Assessment Report for the proposed Mogalakwena Complex Supporting Infrastructure Projects (pre-assembly and cable repair yards).

Designation: Resource Auditor

Organisation: Dept. Agriculture

Signature: Modipadi Maboko

Date: 02/11/2022

Partners R Armstrong, P Aucamp, JS Bartels, CM Bauman, N Brien, JM Brown, LSE Coetser, CD Dalglish, BM Engelsman, R Gardiner, M Hinsch, SG Jones, W Jordaan, WC Joughin, DA Kilian, F Lake, JA Lake, NG Macfarlane, V Maharaj, I Mahomed, HAC Meinjes, WJ Morris, DH Mossop, GP Nel, VS Reddy, S Reuther, PJ Shepherd, T Shepherd, MJ Sim, JS Stiff, M van Huyssteen, AT van Zyl, MD Wanless, CJ Wessels, ML Wertz, A Wood

Directors WC Joughin, V Maharaj, T McGurk, VS Reddy, T Shepherd, JS Stiff, AT van Zyl

Associate Partners PL Bunneister, LJ Boshoff, T Claassen, SA de Villiers, IT Ooku, M du Toit, LM Linzer, Ji Manama, RD O'Brien, AM Robertshaw, LC Spand

Consultants JR Dixon, PrEng, GC Howell, PrEng, PhD, WC Joughin, PrEng, MSc, PR Labrum, PrEng, LM Linzer, PrSci, Nat, PhD, SA Lorentz, PhD, RRW McNeill, PrTech, Eng, HAC Meinjes, PrEng, MSc, PN Rosewarne, PrSci, Nat, MSc, VM Simposya, PrSci, Nat, AA Smithen, PrEng, TR Stacey, PrEng, DSc, PJ Tebrugge, PrSci, Nat, MSc, HFJ Theart, PrSci, Nat, PhD, DJ Venter, PrTech, Eng

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Anglo American Platinum (AAP) Mogalakwena Complex

Minutes for the Meeting: DMRE Pre Application Meeting for the Combined Basic Assessment Environmental Authorisation

Held: Microsoft Teams, 29 June 2022 at 08:00

Distribution:	Nicholas Chavalala	NC	DMRE
	Timothy Seimela	TS	AAP
	Jamare Jamare	JJ	AAP
	Ashleigh Maritz	AM	SRK
	Michelle Miles	MM	SRK

For Information:	Hazel Fiehn	AAP
	Kavilan Naidoo	SRK

1 Welcome and apologies

Meeting commenced with a welcome by **MM** and a check in with all present.

The purpose of the meeting was noted as follows:

- Mogalakwena is currently looking at three proposed projects which have been combined into one Basic Assessment (BA) process to limit the number of applications issued to the Department of Mineral Resources and Energy (DMRE).
- Discussion on the regulatory, stakeholder and specialists' requirements for the combined BA process.

2 Confirmation of agenda

The agenda for the meeting was presented by **MM**.

3 Overview and objectives

- **MM** indicated that the project consists of three projects namely the M3C Pre-assembly Yard, Cable Yard and Amended Mining Right inclusion.
- The regulatory requirements are limited to the National Environmental Management Act (NEMA) and do not trigger any other authorisations/licences (in terms of NWA and NEM:WA).
- Stakeholder engagement will be conducted in line with NEMA requirements for a BA. A public Specialist studies have been completed for the proposed project.

4 Overview of the proposed projects

MM provided an overview of the projects highlighting the following aspects:

- **Pre-assembly Yard:** Required for the pre-assembly of equipment and machinery for the construction of the approved Mogalakwena Complex Third Concentrator. This project triggers a Listing Lotice1 (GNR 983) Activity 27 (clearance of more than 1ha but less than 20ha of indigenous vegetation).

- **Cable Yard:** Required to repair and connect cables for the southern area of the Mogalakwena Complex. This project also triggers Listing Notice 1 (GNR983) Activity 27.
- **Inclusion of Mining Right:** The amended mining right was issued in 2019, the mine Would like to include this into the Mogalakwena Complex Environmental Authorisation. No infrastructure is planned.
- **JJ** commented that where possible AAP is trying to combine a number of projects into one application to limit the number of applications submitted to the DMRE.

5 Amended mining right

- **NC** queried the nature of the amendment regarding the mining right.
- **MM** responded indicating that the amendment was issued for what is known as Kwanda North and Central Block areas, situated north of the current Mogalakwena Complex operations. No mining activities or infrastructure is currently planned for the amended mining right area.
- **NC** added that a Section 102 to add the properties into the mining right will result in the mine indicating that they will be undertaking mining activities on the property.
- **AM** referred to the map showing the location of the projects. AM indicated that the mining right has been acquired by the mine and they would now like to consolidate the mining right area. There are no activities currently planned for that mining right area. Based on previous engagement between AAP and the DMRE it was agreed that a Regulation 31 process would be followed.
- **NC** enquired whether an Environmental Assessment (EA) process was undertaken for the amended mining right area. He indicated that the Section 102 (under MPRDA) process is different to that of the EA process (under NEMA) and that a Listing Notice 2 activity in terms of NEMA would be triggered for the Kwanda North and Central Block mining right area. Therefore a full scoping/EIA process will be required.
JJ responded stating that the Kwanda North and Central Block do not have an EA in terms of NEMA.
NC stated that the areas mentioned have not been assessed in terms of NEMA.
TS added to this stating that he agrees with NC and that the areas falling within the amended mining right area need to be assessed.
- **NC** recommended that the amended mining right area will be trigger a Listing Notice 2 activity which will require a full Environmental Impact Assessment (EIA) process.
- **JJ** requested clarity that if the current EMPr cannot be amended to include the new mining right areas then it is assumed that that the mine would need two separate EMPrs? NC confirmed that was correct but reference should be to EA and not EMPr as these authorisations are now under NEMA and not MPRDA.
- **TS** stated that a discussion on the approach for the amended mining right area and the fact that an EIA has not been done for that area will be made the AAP team.
NC enquired what the purpose of the amended mining right area is and **JJ** responded that the area forms part of the future mining areas and currently no activities are proposed for that area.

6 Amended mining right area way forward

- **NC** stated that a full EIA will be required for the Kwanda North and Central Block Areas. A baseline description of the area will be required. Depending on the future activities of the area other authorisations may be required. Heritage, fauna and flora studies will be important.

7 Pre-assembly and cable yard

- **MM** referenced the locality map and highlighted the position of the proposed pre-assembly and cable yard areas. The projects trigger Listing Notice 1 Activity 27 and have associated key infrastructure.
- **NC** stated that waste streams as well as how waste streams will be stored and managed must be clearly defined.
- **TS** responded indicating that waste is collected from different areas at the Complex on a

weekly basis. Hazardous waste is generated but the quantity of waste does not exceed the threshold so it does not trigger any waste activities. **AM** added the BA report contains a section which describes waste management procedures.

8 Regulatory process and specialist studies

- **MM** provided a recap of the triggered activities and stated that a BA process will be followed.
- **MM** highlighted the specialist studies that have already been undertaken including freshwater, terrestrial, heritage and noise assessments. A phase 1 Paleontological assessment has been recommended by the Heritage Specialist.

9 Stakeholder engagement

- **MM** indicated that the stakeholder engagement process will be followed in terms of the NEMA process. **MM** requested clarity regarding the GN 650 requirements and if the public participation plan is still required.
- **NC** stated that the public participation plan no longer required as the country is no longer in a state of disaster.

10 Conclusion

MM concluded the meeting
Meeting ended at 12:31

Minutes taken via meeting recording by: Kavilan Naidoo



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

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Enquiries: Chavalala W.N Ref: LP 30/1/2/3/2/1(50) EM
E-Mail Address: Nicholas.Chavalala@dmr.gov.za
Sub-Directorate: Mine Environmental Management

REGISTERED MAIL

The Director(s):

Anglo American Platinum Mines Limited (Mogalakwena Mine)

P.O. Box 62179

MARSHALLTOWN

JOHANNESBURG

2107

For attention: Mr Riaan Blignaut

Email: Platinum.Environmental@angloamerican.com

APPLICATION FOR ENVIRONMENTAL AUTHORISATION LODGED IN TERMS OF SECTION 24 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH REGULATION 19 OR OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 FOR IN RESPECT OF THE FARMS ZWARTFONTEIN 818 LR AND PORTION 0 OF THE FARM VAALKOP 819 LR, SITUATED IN THE MAGISTERIAL DISTRICT OF MOGALAKWENA, LIMPOPO REGION

The above matter has reference;

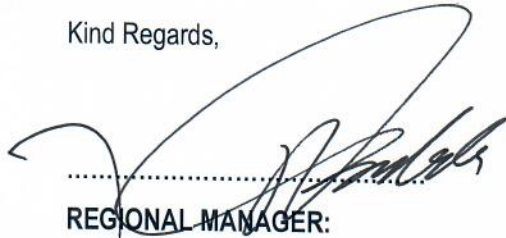
I refer to the abovementioned matter and confirm that your application for Environmental Authorisation herein referred to as "EA" lodged on **3rd August 2022** is hereby acknowledged.

You are requested in terms of Section 24 K of National Environmental Management Act, Act 107 of 1998, as amended to consult with any organ of state responsible for administering legislation relating to matters affecting the environment and submit three (3) copies of **Basic Assessment Report (BAR)** in terms of Regulation 19 of 2014 EIA Regulation. The said **BAR** must also include proof and results of consultation undertaken with the above mentioned state Departments.

The **BAR** reflected above has to be submitted within **90 Calendar days** from the date of lodgement of the EA application, failure to submit such reports as prescribed your application for EA will be considered being lapsed and would not be processed further, unless if an extension has been granted in terms of Regulation 3(7) of 2014 EIA Regulation.

Acknowledgement of your application does not grant you permission to commence with the activities applied for. Commencement of a listed activity without Granted Environmental Authorisation constitutes an offence in terms of Section 49A (1) (a) of NEMA, 1998 (Act 107 of 1998) as amended and upon conviction for such an offence, a person is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding ten years, or to both such fine and such imprisonment.

Kind Regards,



REGIONAL MANAGER:

MINERAL REGULATION- LIMPOPO REGION

DATE: 27 SEPTEMBER 2022

Mogalakwena Complex Draft Combined Basic Assessment

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CaseHeader **LocationInfo** **Admin**

Status: SUBMITTED

HeritageAuthority(s): LHRA

Case Type: Section 38 (8) - Statutory Comment Required

Development Type: Mining

ProposalDescription:

Anglo American Platinum Limited, Rustenburg Platinum Mines Mogalakwena Complex is a wholly owned subsidiary of Anglo American Platinum Limited (AAP) and is situated approximately 30 km northwest of the town of Mookopane within the Mogalakwena Local Municipal Area, under the jurisdiction of the Waterberg District Municipality in the Limpopo Province of South Africa. The proposed project will involve the following supporting infrastructure and activities: • Pre-Assembly Yard: This area will be used to pre-assemble equipment and machinery which will be installed at the Mogalakwena Complex's Third Concentrator (M3C); and • Cable Repair Yard: The cable repair yard will be used to repair and connect cables for use within the southern area of the Mogalakwena Complex. The above-mentioned infrastructure and activities will be located within the Mogalakwena Complex's existing mining right and lease areas on the farms Zwartfontein 818 LR and Vaalkop 819LR, Limpopo, South Africa.

ApplicationDate: Friday, November 4, 2022 - 09:55

CaseID: 19993



Applicants: Riaan Blignaut

Consultants/Experts: Michelle Miles

OtherReferences:

ReferenceList:

Additional Documents

1.  575107_MM_Combined Basic Assessment _Draft BAR_Public review_20221024
2.  Appendix A - Ashleigh Maritz_CV and qualifications
3.  Appendix A - Michelle Kayton_CV and qualifications
4.  Appendix B - Vaalkop WinDeed
5.  Appendix B - Zwartfontein WinDeed
6.  Appendix C - 575107_CBA Project_Site Notice_Sepedi_20221012
7.  Appendix C - 575107_MM_CBA_CRR template_20221012
8.  Appendix C - 575107_CBA BID Letter_English_20221013
9.  Appendix C - 575107_CBA BID Letter_Sepedi_20221012
10.  Appendix C - 575107_CBA Project_Site Notice_Draft_English_20221012
11.  Appendix D - Combined basic assessment - DEA screening report
12.  Appendix E2 - SAS SRK Mogalakwena Cable Workshop Freshwater Assessment
13.  Appendix E2 - STS SRK Mogalakwena Cable Repair Yard Floral Report
14.  Appendix E2 - 585HIA_PGS_Proposed Cable Repair Workshop at the Mogalakwena Mine
15.  Appendix E1 - 586HIA_PGS_Proposed Pre-Assembly Yard at the Mogalakwena Mine
16.  Appendix E1 - SAS SRK Mogalakwena M3C Pre-Assembly Freshwater Assessment
17.  Appendix E1 - STS SRK Mogalakwena M3C Pre-assembly Floral Report
18.  Appendix E3 - Mogalakwena Mine Infrastructure Expansion
19.  Appendix E3 - Original Mogalakwena MM Combined project NR 2022
20.  Appendix F - MM Combined BAR Sensitivity Map
21.  Appendix G - AAP SHE Policy Poster 2022_04- Dated 7 June Final
22.  Appendix G - ERP and Training and awareness

Appendix I: Financial Provision



21 November 2022
575107

Mineral Regulations
Department of Mineral Resources
Private Bag X 9467\Polokwane
0700

Attention: Thivhulawi Kolani

Dear Sir

Assessment of closure liability for the development of the proposed Pre-assembly yard and Cable yard projects at the Mogalakwena Complex.

Mogalakwena Complex is proposing the development of a cable repair yard to support their current mining operations and a pre-assembly yard to support the planned development of the Mogalakwena 3rd Concentrator (M3C). A brief description of the two projects is provided below.

Cable repair yard

The proposed new cable repair yard will be situated within the existing Mogalakwena Complex mining right and lease areas to the north east of Zwartfontein pit on the Farm Zwartfontein 818 LR and will be used for the repair and maintenance of cables required for primary equipment across the mine area Refer to Figure 1.. Key infrastructure include the following:

- Workshop building
- Concrete laydown area
- Conservancy tank
- Parking areas
- Waste collection area
- Fencing and utilities
- Infrastructure such as roads, electricity and water

Pre-assembly yard

In 2020, Mogalakwena Complex received environmental authorisation for the M3Cand associated water management infrastructure and contractors laydown area. Subsequent to the authorisation, Mogalakwena Complex determined that the contractors laydown area will not be sufficient for the proposed M3C pre-assembly activities and that an additional area is required. The proposed pre-assembly yard will be located within the existing Mogalakwena Complex mining right and lease areas to the south of the existing return water dam at the Vaalkop Tailings Storage Facility on the Farm Vaalkop 819 LR. Refer Figure 2. Key infrastructure include the following:

Partners R Armstrong, P Aucamp, JS Bartels, CM Bauman, N Brien, JM Brown, LSE Coetser, CD Dalglish, IT Doku, BM Engelsman, R Gardiner, M Hinsch, SG Jones, W Jordaan, WC Joughin, DA Kilian, F Lake, JA Lake, LM Linzer, NG Macfarlane, V Maharaj, I Mahomed, JI Mainama, HAC Meinljes, MJ Morris, DH Mossop, GP Nel, VS Reddy, S Reuther, PJ Shepherd, T Shepherd, MJ Sim, JS Stiff, M van Huyssteen, AT van Zyl, MD Wanless, CJ Wessels, ML Wertz, A Wood

Directors WC Joughin, V Maharaj, T McGurk, VS Reddy, T Shepherd, JS Stiff, AT van Zyl

Associate Partners PL Burmeister, LI Boshoff, T Claassen, SA de Villiers, M du Toit, B Mabenge, RD O'Brien, AM Robertshaw, N Rump, LC Shand, LH Spies, JM Walls

Consultants JR Dixon, PrEng, GC Howell, PrEng, PhD, WC Joughin, PrEng, MSc, PR Labrum, PrEng, LM Linzer, PrSci Nat, PhD, SA Lorentz, PhD, RRW McNeill, PrTech Eng, HAC Meinljes, PrEng, MSc, PN Rosewame, PrSci Nat, MSc, VM Simposya, PrSci Nat, AA Smithen, PrEng, TR Stacey, PrEng, DSc, PJ Terbrugge, PrSci Nat, MSc, HFJ Theart, PrSci Nat, PhD, DJ Venter, PrTech Eng

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- Installation of temporary water tanks
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- Perimeter fence
- Establishment of parking areas

Mogalakwena Complex is applying for environmental authorisation for the cable repair yard and pre-assembly yard through a Basic Assessment process in terms of the National Environmental Management Act (Act 108 of 1998).

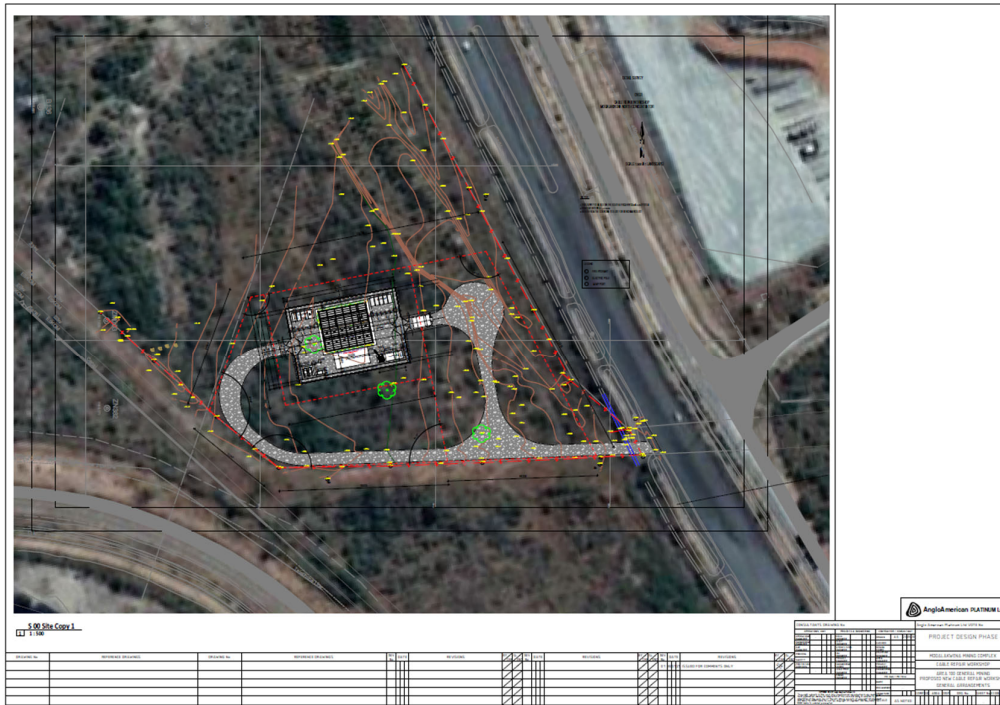


Figure 1: Mogalakwena Complex Proposed Cable Repair Yard



Figure 2: Mogalakwena Complex Proposed Pre-Assembly Yard

SRK is of the opinion that the additional liability arising from the proposed pre-assembly yard and cable repair yard will be that related to the demolition and removal of the infrastructure and rehabilitation of the footprint on which the pre-assembly yard and cable repair yard are proposed to be constructed.

SRK has assessed the liability associated with the demolition of the pre-assembly yard and cable repair yard using the approach advocated in the Guideline Document for the Evaluation of the Quantum of Closure Related Financial Provision Provided by a Mine. The rates in the guideline have been inflated by the Consumer Price Index (CPI) to reflect rates relevant to 2022. Weighting Factor 1 is 1 as the area is flat and Weighting Factor 2 is 1.05 given that Mogalakwena Complex is located in a peri-urban area. Mogalakwena Complex is a Risk Class B mine with a High Environmental Sensitivity. The quantum for the proposed projects are presented in Table 1.

Table 1 - Estimate of closure liability for the pre-assembly yards and cable repair yard.

No.	DMR Description	Units	A	B	C	D	E=A*B*C*D
	Mogalakwena Complex		Quantity	Master rate	Multiplication factor	Weighting factor 1	Amount (Rands)
2(A)	Demolition of steel buildings and structures	m ²	1 408.00	252.34	1.00	1.00	355 294.72
2(B)	Demolition of reinforced concrete buildings and structures	m ²	320.00	371.80	1.00	1.00	118 976.00
5	Demolition of housing and/or administration facilities	m ²	1 408.00	504.65	1.00	1.00	710 547.20
10	General rehabilitation surface	ha	22.80	139 703.64	1.00	1.00	3 185 242.99
12	Fencing	m	2 772.00	159.40	1.00	1.00	441 856.80
13	Water management	ha	22.80	53 119.24	0.67	1.00	811 449.51
14	Maintenance and aftercare	ha	22.80	18 591.73	1.00	1.00	423 891.44
(Sum of items 1 to 15 above)						SubTotal1	6 047 258.67
Weighting factor 2						1.05	302 362.93
Preliminary and General		6.0% if Subtotal1 > 100 mill					725 671.04
		12.0% if Subtotal1 < 100 mill					
Contingency		10.0% of Subtotal1					604 725.87
(Subtotal 1 plus sum of P&G and contingency)						SubTotal2	7 680 018.51
Add Vat (15%)							1 152 002.78
GRAND TOTAL							8 832 021.28

Yours faithfully,

SRK Consulting (South Africa) (Pty) Ltd

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6933-7644-4367-LAKF-21/11/2022

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Franciska Lake Pr Sci Nat
Principal Scientist/Partner

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James Lake Pr Sci Nat
Principal Scientist/Partner

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