



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

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

---

### IMPORTANT NOTICE

**Kindly note that:**

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

**PLEASE STATE TYPE OF AUTHORISATIONS BEING APPLIED FOR.**

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

Note: Proof of payment is included in this application submission and reference number is **NW/30/5/1/2/3/2/1254EM**

**1. CONSULTATION BASIC ASSESSMENT AND/OR SCOPING REPORT**

This application will follow a Basic Assessment Process

**2. DETAILS OF THE APPLICANT**

Project applicant:	Glencore Operations South Africa (Pty) Ltd		
Registration no (if any):	1997/017998/07		
Trading name (if any):			
Responsible Person, (e.g. Director, CEO, etc.):	Mineral Rights Manager		
Contact person:	Naudene le Roux		
Physical address:	Portion 27 of the Farm Waterval 306 JQ		
Postal address:	PO Box 310, Kroondal		
Postal code:	0350	Cell:	N/A
Telephone:	014 597 8090	Fax:	N/A
E-mail:	naudene.leroux@glencore.co.za		

**3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION**

EAP:	Brian Whitfield		
Professional affiliation/registration:	EAPASA: 2022/4496		
Contact person (if different from EAP):	Same as EAP		
Company:	Environmental Impact Management Services (Pty) Ltd		
Physical address:	8 Dalmeny Road, Pine Park, Randburg		
Postal address:	P.O Box 2083, Pinetown		
Postal code:	2123	Cell:	+27 (0)82 688 9850
Telephone:	+27 (0)11 789 7170	Fax:	+27 (0)86 571 9047
E-mail:	brian@eims.co.za		

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



#### 4. PROJECT DESCRIPTION

<b>Farm Name:</b>	Portion 62 of the farm Rietfontein 338 JQ
<b>Application area (Ha)</b>	~12 hectares
<b>Magisterial district:</b>	Bojanala Platinum District Municipality
<b>Distance and direction from nearest town</b>	The centre point of the site is approximately 5.3 km east of Kroondal
<b>21 digit Surveyor General Code for each farm portion</b>	T0JQ00000000033800062
<b>Locality map</b>	Attach a locality map at a <b>scale not smaller than 1:250000 and attach as Appendix 2</b>
<b>Description of the overall activity.</b> (Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)	<p>Glencore Western Chrome Mines (WCM) is in the process of acquiring a portion of the mining and surface rights from the Clover Alloys Rustenburg Chrome Mine (RCM) to reduce the time taken for miners to travel to the face at its Kroondal Mine, and increase the mining facetime which will in turn increase productivity. In addition to utilizing the existing infrastructure at Clover Alloys RCM, the applicant wishes to develop additional facilities to use in the life of mine.</p> <p>The proposed infrastructure is listed below:</p> <ul style="list-style-type: none"> <li>• A parking area for permanent employees (32 102m<sup>2</sup>)</li> <li>• A parking area for visitors and contractors (1 200m<sup>2</sup>)</li> <li>• Employee drop-off/pick-up zone (3 500m<sup>2</sup>)</li> <li>• Salvage yard (~850m<sup>2</sup>)</li> <li>• Sewage plant (1 500m<sup>2</sup> with a capacity of approximately 140m<sup>3</sup>/day, less than 15 000m<sup>3</sup> per annum)</li> <li>• Shaft Laydown Area / Explosives Delivery Bay (1 000m<sup>2</sup>)</li> <li>• Surface laydown area (1 300m<sup>2</sup>)</li> <li>• Meeting venue hall (Lekgotla Hall) (3 650m<sup>3</sup>)</li> <li>• Access and escape roads</li> <li>• Two water storage dams (each 400m<sup>3</sup>)</li> <li>• Compressor house (~1 000m<sup>2</sup>)</li> <li>• One 11kV Powerline (less than 1km long) connection to an existing 11kV Powerline</li> <li>• Administration Offices</li> <li>• Change houses (total area of 3 700m<sup>2</sup>)</li> <li>• Engineering workshop (1 000m<sup>2</sup>)</li> <li>• Stores (3 000m<sup>2</sup>)</li> <li>• Temporary laydown area (~5.8 ha, historic LanXess Chrome Mining village area)</li> </ul>

	<ul style="list-style-type: none"><li>• Clean stormwater infrastructure including passive attenuation wetland feature</li></ul>
--	---

## 5. ACTIVITIES TO BE AUTHORISED

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

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

NAME OF ACTIVITY	Aerial extent of the Activity Ha or m <sup>2</sup>	LISTED ACTIVITY	APPLICABLE LISTING NOTICE	WASTE MANAGEMENT AUTHORISATION
(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining.- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)		(Mark with an <b>X</b> where applicable or affected).	(GNR 544, GNR 545 or GNR 546)	(Indicate whether an authorisation is required in terms of the Waste Management Act).  (Mark with an <b>X</b> )
A parking area for permanent employees	13 500m <sup>2</sup>	X	<b>GNR 983: LN1</b>	No waste management authorisation required
Parking area for visitors and contractors	1 200m <sup>2</sup>	X	Activity 12	
Employee drop-off/pick-up zone	1 000m <sup>2</sup>	X	Activity 14	
Salvage yard	Approximately 850m <sup>2</sup>	X	Activity 19	
Sewage plant	area 2 000 m <sup>2</sup> and a capacity of approx. 140 m <sup>3</sup> /day	X	Activity 21D	
Explosive magazine - to be located approximately 500m from the mine	3 000 m <sup>2</sup>	X	Activity 27	
Meeting venue hall (Lekgotla Hall)	3 650m <sup>2</sup>	X	Activity 48	
One road for employees and visitors	7m wide and 372m long	X	<b>GNR 985: LN3</b>	
One access road for delivery vehicles	7m wide and 372m long		Activity 2	
Water storage dam	400m <sup>3</sup> / ~70m <sup>2</sup>	X	Activity 4	
Compressor house		X	Activity 10	
One 11kV Powerline	~3.2km long	N/A	Activity 12	
Administration Offices	~750m <sup>2</sup>	X	Activity 14	
Two change houses	3 700m <sup>2</sup>	X	Activity 23	
Engineering workshop	1 000m <sup>2</sup>	X		
Stores	3 000m <sup>2</sup>	X		
Temporary laydown area (historic LanXess Chrome Mining village area)	~5.8 Hectares	X		
Clean stormwater infrastructure including passive attenuation wetland feature	~2000m <sup>2</sup>	X		

**6. PUBLIC PARTICIPATION**

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

**Details of the Public Participation process to be followed.****6.1.1. IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED**

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

## 6.1.2. DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

<p><b>Steps to be taken to notify interested and affected parties</b> (Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as <b>Appendix 6</b>)</p>	<p><b>PROVIDE DESCRIPTION HERE</b></p> <p>Interested and Affected Parties (I&amp;APs) have been notified of the proposed project activities during the Call to Register (CTR) period via newspaper advertisements, site notices and posters, registered letters, emails, SMS's and facsimiles. Four (4) site notices in English and Afrikaans were placed in various locations within and surrounding the application area; and a newspaper advertisement was placed in English and Afrikaans in the Rustenburg Herald Newspaper that has a distribution in the area.</p> <p>The Public Participation Process is and will be undertaken in accordance with the National Environmental Management Act (Act No. 107 of 1998 - NEMA) process and the Environmental Impact Assessment (EIA) Regulations, 2014. A minimum of 30 days was provided to the public to register as I&amp;APs and to provide comments. A further 30 days will be provided to registered I&amp;APs to review and comment on the Basic Assessment Report and associated appendices.</p> <p>Copies of the initial call to register notifications are included in <b>Appendix 6</b>.</p>
<p><b>Information to be provided to Interested and Affected Parties.</b></p>	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>• The site plan.</li> <li>• List of activities to be authorised</li> <li>• Scale and extent of activities to be authorised</li> <li>• Typical impacts of activities to be authorised (e.g. surface disturbance, dust, stormwater drainage, etc.)</li> <li>• The duration of the activity.</li> <li>• Sufficient detail of the intended operation to enable them to assess what impact the activities will have</li> </ul> <p><b>Other, specify:</b></p> <ul style="list-style-type: none"> <li>• A brief description of the project</li> <li>• Location of the proposed project</li> <li>• Details of the NEMA and MPRDA Regulations that must be adhered to</li> <li>• Date by which comments, concerns and objections must be submitted</li> <li>• Contact details of the Environmental Assessment Practitioner (EAP)</li> </ul>
<p><b>Information to be required from Interested and Affected Parties.</b></p>	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>• To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions</li> <li>• To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity</li> <li>• To provide information on current land uses and their location within the area under consideration</li> <li>• To provide information on the location of environmental features on site to make proposals as to how and to what standard the impacts on site can be remedied, requested to make written proposals</li> </ul> <p><b>Other, Specify</b></p> <ul style="list-style-type: none"> <li>• Details of the landowner and information on lawful occupiers</li> <li>• Details of any communities existing within the area</li> <li>• Details of any Tribal Authorities within the area</li> <li>• Details of any other I&amp;APs that need to be notified</li> <li>• Details of any land developments proposed</li> <li>• Details of any perceived impacts to the environment that should be considered in the BAR</li> <li>• Any specific comments, concerns or objections to the proposed Glencore WCM Clover RCM project</li> </ul>

## 7. Description of the assessment process to be undertaken

ITEM	DESCRIPTION
<b>Environmental attributes.</b> Describe how the Environmental attributes associated with the development footprint will be determined.	The description of the existing status of the current receiving environment will be compiled through desktop data, available GIS information, a site visit by the EAP as well as detailed specialist investigations.
<b>Identification of impacts and risks.</b> (Describe the process that will be used to identify impacts and risks.	<p>Potential risks and impacts will be identified through consultation with I&amp;APs, and the development of an in depth understanding of the activities, actions and processes to be undertaken on site based on the EAP's experience with similar projects as well as input from specialists. The potential impacts and risks on broad environmental aspects, in respect of each of the main project actions, activities and processes will be assessed during the Basic Assessment process.</p> <p>The impact assessment methodology to be used is guided by the requirements of the NEMA EIA Regulations. The broad approach to the significance rating methodology is to determine the Environmental Risk (ER) by considering the Consequence (C) of each impact (comprising Nature, Extent, Duration, Magnitude and Reversibility) and relate this to the probability/likelihood (P) of the impact occurring. Additionally, other factors including cumulative impacts, public concern, and potential for irreplaceable loss of resources are used to determine a Prioritisation Factor (PF) which is applied to the ER to determine the overall Significance (S).</p>
<b>Consideration of alternatives.</b> Describe how alternatives, and in particular the alternatives to the proposed site layout and possible alternative methods or technology to be applied will be determined.	The identification and assessment of alternatives is a key component to the success of any EIA process. Alternatives represent different means of meeting the general purpose and need of the proposed project through the identification of the most appropriate method of development. Two levels of alternative screening will be investigated and considered which culminate into the identification of the feasible development alternative. The first level alternatives include land use, location, construction method, etc. These alternatives will determine the optimal placement and process for the proposed development. After these viable alternatives have been assessed (if any), the level two alternatives; including technology, phasing and site layout alternatives will be considered in order to ensure the best practicable option is proposed for the activity.
<b>Process to assess and rank impacts.</b> Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.	<p><u>Method of Assessing Impacts:</u></p> <p>The impact significance rating methodology, is guided by the requirements of the NEMA EIA Regulations 2014 (as amended). The broad approach to the significance rating methodology is to determine the <u>significance (S)</u> of an environmental risk or impact by considering the <u>consequence (C)</u> of each impact (comprising Nature, Extent, Duration, Magnitude, and Reversibility) and relating this to the <u>probability/ likelihood (P)</u> of the impact occurring. The S is determined for the pre- and post-mitigation scenario. In addition, other factors, including cumulative impacts and potential for irreplaceable loss of resources, are used to determine a <u>prioritisation factor (PF)</u> which is applied to the S to determine the overall <u>final significance rating (FS)</u>. The impact assessment will be applied to all identified alternatives.</p> <p>The broad approach to the significance rating methodology is to determine the significance (S) of an environmental risk or impact by considering the consequence (C) of each impact (comprising Nature, Extent, Duration, Magnitude, and Reversibility) and relating this to the probability/ likelihood (P) of the impact occurring. The S is determined for the pre- and post-mitigation scenario. In addition, other factors, including cumulative impacts and potential for irreplaceable loss of resources, are used to determine a prioritisation factor (PF) which is applied to the S to determine the overall final significance rating (FS).</p> <p><u>Determination of Environmental Risk:</u></p> <p>The final significance (FS) of an impact or risk is determined by applying a prioritisation factor (PF) to the post-mitigation environmental significance. The significance is dependent on the consequence (C) of the particular impact and the probability (P) of the impact occurring. Consequence is determined through the consideration of the Nature (N), Extent (E), Duration (D), Magnitude (M), and Reversibility (R) applicable to the specific impact.</p> <p>For the purpose of this methodology the consequence of the impact is represented by:</p> $C = \frac{(E + D + M + R) * N}{4}$

Each individual aspect in the determination of the consequence is represented by a rating scale as defined in Table 1 below.

Table 1: Criteria for Determining Impact Consequence

Aspect	Score	Definition
<b>Nature</b>	- 1	Likely to result in a negative/ detrimental impact
	+1	Likely to result in a positive/ beneficial impact
<b>Extent</b>	1	Activity (i.e. Highly localised, limited to the area applicable to the specific activity)
	2	Site (i.e. within the development property or site boundary, or the area within a few hundred meters of the site)
	3	Local (i.e. beyond the site boundary within the Local administrative boundary (e.g. Local Municipality) or within consistent local geographical features, or the area within 5 km of the site)
	4	Regional (i.e. Far beyond the site boundary, beyond the Local administrative boundaries within the Regional administrative boundaries (e.g. District Municipality), or extends into different distinct geographical features, or extends between 5 and 50 km from the site).
	5	Provincial / National / International (i.e. extends into numerous distinct geographical features, or extends beyond 50 km from the site).
<b>Duration</b>	1	Immediate (<1 year, quickly reversible)
	2	Short term (1-5 years, less than project lifespan)
	3	Medium term (6-15 years)
	4	Long term (15-65 years, the impact will cease after the operational life span of the project)
	5	Permanent (>65 years, no mitigation measure of natural process will reduce the impact after construction/ operation/ decommissioning).
<b>Magnitude/ Intensity</b>	1	Minor (where the impact affects the environment in such a way that natural, cultural and social functions and processes are not affected)
	2	Low (where the impact affects the environment in such a way that natural, cultural and social functions and processes are slightly affected, or affected environmental components are already degraded)
	3	Moderate (where the affected environment is altered but natural, cultural and social functions and processes continue albeit in a modified way; moderate improvement for +ve impacts; or where change affects area of potential conservation or other value, or use of resources).
	4	High (where natural, cultural or social functions or processes are altered to the extent that it will temporarily cease; high improvement for +ve impacts; or where change affects high conservation value areas or species of conservation concern)
	5	Very high / don't know (where natural, cultural or social functions or processes are altered to the extent that it will permanently cease,



		substantial improvement for +ve impacts; or disturbance to pristine areas of critical conservation value or critically endangered species)
<b>Reversibility</b>	1	Impact is reversible without any time and cost.
	2	Impact is reversible without incurring significant time and cost.
	3	Impact is reversible only by incurring significant time and cost.
	4	Impact is reversible only by incurring very high time and cost.
	5	Irreversible Impact.

Once the C has been determined the ER is determined in accordance with the standard risk assessment relationship by multiplying the C and the P (refer to). Probability is rated/scored as per **Table 2**.

**Table 2: Probability Scoring**

<b>Probability</b>	1	Improbable (Rare, the event may occur only in exceptional circumstances, the possibility of the impact materialising is very low as a result of design, historic experience, or implementation of adequate corrective actions; <5% chance).
	2	Low probability (Unlikely, impact could occur but not realistically expected; >5% and <20% chance).
	3	Medium probability (Possible, the impact may occur; >20% and <50% chance).
	4	High probability (Likely, it is most probable that the impact will occur- > 50 and <90% chance).
	5	Definite (Almost certain, the impact is expected to, or will, occur, >90% chance).

The result is a qualitative representation of relative ER associated with the impact. ER is therefore calculated as follows:

$$ER = C \times P$$

**Table 3: Determination of Environmental Risk**

<b>Consequence</b>	5- Very High <sup>1</sup>	5	10	15	20	25
	4- High	4	8	12	16	20
	3- Medium	3	6	9	12	15
	2- Low	2	4	6	8	10
	1- Very low	1	2	3	4	5
		1- Improbable	2- Low	3- Medium/ Possible	4- High/ Probable	5- Highly likely/ Definite

<sup>1</sup> In the event that an impact or risk has very high or catastrophic consequences, but the likelihood/ probability is low, then the resultant significance would be Low-medium. This does in certain instances detract from the relative important of this impact or risk and must consequently be flagged for further specific consideration, management, mitigation, or contingency planning.

	<b>Probability</b>
--	--------------------

The outcome of the environmental risk assessment will result in a range of scores, ranging from 1 through to 25. These ER scores are then grouped into respective classes as described in **Table 4**.

**Table 4: Significance Classes**

S Score	Description
≤4.25	Low (i.e. where this impact is unlikely to be a significant environmental risk/ reward).
>4.25, ≤8.5	Low-Medium (i.e. where the impact could have a significant environmental risk/ reward).
>8.5, ≤13.75	High-Medium (i.e. where the impact could have a significant environmental risk/ reward).
>13.75	High (i.e. where the impact will have a significant environmental risk/ reward).

The impact ER will be determined for each impact without relevant management and mitigation measures (pre-mitigation), as well as post implementation of relevant management and mitigation measures (post-mitigation). This allows for a prediction in the degree to which the impact can be managed/mitigated.

Impact Prioritisation:

Further to the assessment criteria presented above it is necessary to assess each potentially significant impact in terms of:

- Cumulative impacts; and
- The degree to which the impact may cause irreplaceable loss of resources.

In addition, it is important that the public opinion and sentiment regarding the development and consequent potential impacts is considered in the decision-making process. In an effort to ensure that these factors are considered, an impact prioritisation factor (PF) will be applied to each impact ER (post-mitigation). This prioritisation factor does not aim to detract from the risk ratings but rather to focus the attention of the decision-making authority on the higher priority/significance issues and impacts. The PF will be applied to the ER score based on the assumption that relevant suggested management/mitigation measures are implemented.

**Table 5: Criteria for Determining Prioritisation**

<b>Cumulative Impact (CI)</b>	Low (1)	Considering the potential incremental, interactive, sequential, and synergistic cumulative impacts, it is unlikely that the impact will result in spatial and temporal cumulative change.
	Medium (2)	Considering the potential incremental, interactive, sequential, and synergistic cumulative impacts, it is probable that the impact will result in spatial and temporal cumulative change.
	High (3)	Considering the potential incremental, interactive, sequential, and synergistic cumulative impacts, it is highly probable/ definite that the impact will result in spatial and temporal cumulative change.
<b>Irreplaceable Loss of Resources (LR)</b>	Low (1)	Where the impact is unlikely to result in irreplaceable loss of resources.
	Medium (2)	Where the impact may result in the irreplaceable loss (cannot be replaced or substituted) of resources but the value (services and/or functions) of these resources is limited.
	High (3)	Where the impact may result in the irreplaceable loss of resources of high value (services and/or functions).

The value for the final impact priority is represented as a single consolidated priority, determined as the sum of each individual criteria represented in **Table 5**. The impact priority is therefore determined as follows:

$$\text{Priority} = \text{PR} + \text{CI} + \text{LR}$$

The result is a priority score which ranges from 3 to 9 and a consequent PF ranging from 1 to 2 (Refer to **Table 6**).

**Table 6: Determination of Prioritisation Factor**

Priority	Prioritisation Factor
2	1
3	1.125
4	1.25
5	1.375
6	1.5

In order to determine the final impact significance, the PF is multiplied by the ER of the post mitigation scoring. The ultimate aim of the PF is to be able to increase the post mitigation environmental risk rating by a full ranking class, if all the priority attributes are high (i.e. if an impact comes out with a medium environmental risk after the conventional impact rating, but there is significant cumulative impact potential, significant public response, and significant potential for irreplaceable loss of resources, then the net result would be to upscale the impact to a high significance).

**Table 7: Final Environmental Significance Rating**

Significance Rating	Description
<-25	Very High (Impacts in this class are extremely significant and pose a very high environmental risk. In certain instances these may represent a fatal flaw. They are likely to have a major influence on the decision and may be difficult or impossible to mitigate. Offset's may be necessary.
<-13.75 to -25	High negative (These impacts are significant and must be carefully considered in the decision-making process. They have a high environmental risk or impact and require extensive mitigation measures).
-8.5 to -13.75	Medium-High negative (i.e. Impacts in this class are more substantial and could have a significant environmental risk. They may influence the decision to develop in the area and require more robust mitigation measures).
<-4.25 to <-8.5	Medium- Low negative (i.e. These impacts are slightly more significant than low impacts but still do not pose a major environmental risk. They might require some mitigation measures but are generally manageable).
-1 to -4.25	Low negative (i.e. Impacts in this class are minor and unlikely to have a significant environmental risk. They do not influence the decision to develop in the area and are typically easily mitigated.
0	No impact
1 to 4.25	Low positive
>4.25 to <8.5	Medium-Low positive

	8.5 to 13.75	Medium-High positive
	>13.75	High positive
<p><b>Contribution of specialist reports</b> Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.</p>	<p>Specialist studies will be utilised to guide and inform the assessment of the potential impacts. The specialist studies involve the gathering of data relevant to identifying and assessing environmental impacts that may occur as a result of the proposed project. These impacts were then assessed according to pre-defined rating scales. Specialists also recommend appropriate mitigation / control or optimisation measures to minimise potential negative impacts or enhance potential benefits, respectively.</p> <p>The specialist studies identified at the start of this application and to be included in this assessment include:</p> <ul style="list-style-type: none"> <li>• Wetland &amp; Aquatic Impact Assessment;</li> <li>• Agricultural Potential &amp; Hydropedology Impact Assessment;</li> <li>• Heritage Impact Assessment;</li> <li>• Terrestrial Biodiversity Impact Assessment;</li> <li>• Palaeontological Impact Assessment</li> </ul> <p>Should additional specialist studies be identified during the course of the application process, these will be included in addition to the above (where relevant).</p> <p>Specialist studies that will comply with the requirements of the EIA Regulations, 2014 as well as the Specialist Protocols published by the DFFE (where applicable). The relevant specialists will conduct site visits to verify sensitive features and assist with the identification of alternatives (where relevant). The specialist reports will be incorporated into the BAR/EMPr with input into the sensitivity mapping, and will be made available to registered I&amp;APs for review and comment.</p> <p>It is crucial to note that the Sensitivity Mapping is to be used as a first level mechanism to provide guidance (where viable) regarding design and layout and identify operational alternatives for further assessment. In addition, the mapping exercise allows the identification of certain spatial characteristics which may not be compatible or desirable for the purpose of infrastructure placement as well as (where possible) circumnavigating potential fatal flaws.</p>	
<p><b>Determination of impact management objectives and outcomes.</b> Describe how impact management objectives will be determined for each activity to address the potential impact at source, and how the impact management outcomes will be aligned with standards.</p>	<p>The objectives of the impact management measures shall be to firstly anticipate and avoid risks and impacts. This shall be accomplished through the adoption of a risk and impact assessment process which aims to identify all relevant environmental and social risks and receptors that are likely to be affected by such risks and impacts, including the issues identified by I&amp;APs during the consultation process. The impact and risk identification process shall take into consideration each activity and its associated potential impacts. The impact management objectives will be incorporated into and EMPr.</p> <p>The EMPr developed for the project shall include mechanisms whereby social and environmental risk and impacts shall be avoided and mitigated. The objectives of this environmental management framework shall be:</p> <ul style="list-style-type: none"> <li>• To anticipate potential risks and impacts associated with each activity pre-emptively through the implementation of risk assessment techniques and early warning systems such as environmental monitoring and inspections;</li> <li>• To develop and implement preventative measures to ensure known risks and impacts are addressed at source wherever possible (e.g. spill prevention procedures);</li> <li>• To implement detailed management measures to ensure that where avoidance of impacts is not possible, mitigation measures are in place to minimize impacts to workers, affected landowners/occupiers/communities, and the environment; and</li> <li>• To provide a framework for adaptive environmental management within the EMPr whereby impacts from unplanned events or incidents caused by the project may be effectively controlled to minimise impacts to workers, affected landowners/occupiers/communities, and the environment.</li> </ul> <p>The management and mitigation measures shall be developed in accordance with applicable standards and guidelines, which may include, but is not limited to:</p> <ul style="list-style-type: none"> <li>• Legislated Standards;</li> <li>• Where Applicable, International Standards and Guidelines;</li> <li>• Applicable National and Regional Frameworks (e.g.: Bioregional Plans; Spatial Development Frameworks, National Protected Area Expansion Strategy Focus Areas, Environmental Management Frameworks, etc.);</li> <li>• Applicable Guidelines developed by authorities (e.g.: DMR guidelines, NEMA EIA guidelines); and</li> <li>• Other Applicable guidelines.</li> </ul> <p>To ensure that the impact management outcomes can be monitored, and performance evaluated, performance targets and indicators shall be developed where appropriate. Compliance and alignment with the prescribed standards shall be measures against the defined Performance Targets and Indicators through the implementation of a system of inspections and compliance monitoring as defined in the EMPr.</p>	



## 8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
<b>SEMA's</b>				
National Environmental Management: Air Quality Act		X		X
National Environmental Management: Biodiversity Act		X		X
National Environmental Management: Integrated Coastal Management Act		X		X
National Environmental Management: Protected Areas Act		X		X
National Environmental Management: Waste Act		X		X
<b>National legislation</b>				
Mineral Petroleum Development Resources Act	X		X	
National Water Act	X		X	
National Heritage Resources Act		X		X
Others: Please specify		X		X

Please provide proof of submission of applications in **Appendix 5**.

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

## 9. DRAFT EMPr

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

ACTIVITIES (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining - excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)	PHASE (of operation in which activity will take place).  State; Planning and design, Pre-Construction Construction, Operational, Rehabilitation, Closure, Post closure.	SIZE AND SCALE (of Disturbance)  (volumes, tonnages and hectares or m²)	TYPICAL MITIGATION MEASURES (Eg, storm water control, dust control, noise control, access control, rehabilitation etc..., etc....)	COMPLIANCE WITH STANDARDS (A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)
A parking area for permanent employees	Construction & Operation	13 500m²	<ul style="list-style-type: none"> <li>Parking areas must be suitably located taking cognisance of site sensitivities as identified in the BAR and EMPr.</li> <li>Erosion protection measures must be installed where relevant to prevent preferential flows which could cause scouring sedimentation of watercourses etc.</li> </ul>	EMPr
Parking area for visitors and contractors	Construction & Operation	1 200m²	<ul style="list-style-type: none"> <li>Parking areas must be suitably located taking cognisance of site sensitivities as identified in the BAR and EMPr.</li> <li>Erosion protection measures must be installed where relevant to prevent preferential flows which could cause scouring</li> </ul>	EMPr

			sedimentation of watercourses etc.	
Employee drop-off/pick-up zone	Construction & Operation	1 000m <sup>2</sup>	<ul style="list-style-type: none"> <li>• Parking areas must be suitably located taking cognisance of site sensitivities as identified in the BAR and EMPr.</li> <li>• Erosion protection measures must be installed where relevant to prevent preferential flows which could cause scouring sedimentation of watercourses etc.</li> </ul>	EMPr
Salvage yard	Construction & Operation	~ 850m <sup>2</sup>	<ul style="list-style-type: none"> <li>• Clearance of the laydown areas and construction camps must proceed in a phased manner as and when various contractors mobilise to site.</li> <li>• Topsoil stripping and adequate storage must be undertaken to prevent the loss of topsoil and topsoil must be used during rehabilitation of the laydown areas and construction camps.</li> <li>• Dust suppression must be undertaken on unpaved or gravel roads.</li> <li>• Erosion control measures must be implemented.</li> <li>• Waste separation and storage areas must be clearly demarcated and waste removed from site on a regular basis. Waste is to be disposed of at a suitably licenced waste disposal facility.</li> <li>• Sufficient ablution facilities must be provided for and must be maintained in a clean and hygienic state. Sewage must be collected by a suitable and licenced waste contractor.</li> </ul>	EMPr
Sewage plant	Construction & Operation	Area of ~2 000 m <sup>2</sup> and a capacity of 140 m <sup>3</sup> /day	<ul style="list-style-type: none"> <li>• The sewage and RO plants must be maintained in a sound state to ensure that adequate treatment of waste water is undertaken.</li> <li>• All brine or sludge must be adequately stored and disposed of at a suitably licenced waste disposal facility.</li> </ul>	EMPr
Meeting venue hall (Lekgotla Hall)	Construction & Operation	3 650m <sup>2</sup>	<ul style="list-style-type: none"> <li>• Clearance of the site must proceed in a phased manner while the plant is constructed to prevent unnecessary clearance of vegetation and exposure of bare soil.</li> <li>• Topsoil stripping and adequate storage must be undertaken to prevent the loss of topsoil and topsoil must be used during rehabilitation.</li> <li>• Dust suppression must be undertaken on unpaved or gravel roads.</li> <li>• Stormwater Management Plan must be implemented to prevent uncontrolled runoff from site. Water from “dirty” areas must be directed to the evaporation pond to prevent possible contamination of surrounding water resources.</li> </ul>	EMPr



One road for employees and visitors	Construction & Operation	7m wide and 372m long	<ul style="list-style-type: none"> <li>Access roads must be suitably located taking cognisance of site sensitivities as identified in the BAR and EMPr.</li> <li>Erosion protection measures must be installed where relevant to prevent preferential flows which could cause scouring sedimentation of watercourses etc.</li> </ul>	EMPr
One access road for delivery vehicles	Construction & Operation	7m wide and 372m long	<ul style="list-style-type: none"> <li>Access roads must be suitably located taking cognisance of site sensitivities as identified in the BAR and EMPr.</li> <li>Erosion protection measures must be installed where relevant to prevent preferential flows which could cause scouring sedimentation of watercourses etc.</li> </ul>	EMPr
Two water storage dams	Construction & Operation	400m <sup>3</sup> each 800m <sup>3</sup> total	<ul style="list-style-type: none"> <li>Water monitoring must be undertaken in accordance with the water use license for the facility.</li> </ul>	EMPr
Compressor house	Construction & Operation	~1 000m <sup>2</sup>	<ul style="list-style-type: none"> <li>Locate inline compressor stations within reasonable proximity to existing powerlines to access electricity supply.</li> <li>Locate inline compressor stations in suitable areas to minimise impact on current land use and optimise existing access roads.</li> </ul>	EMPr
One 11kV Powerline	Construction & Operation	~3.2km long	<ul style="list-style-type: none"> <li>Limit impacts to the footprint area for pylons</li> <li>Final pylon positions to be aligned to avoid sensitive areas as identified in the impact assessment</li> </ul>	EMPr
Administration Offices	Construction & Operation	~2 000m <sup>2</sup>	<ul style="list-style-type: none"> <li>Clearance of the site must proceed in a phased manner while the plant is constructed to prevent unnecessary clearance of vegetation and exposure of bare soil.</li> <li>Topsoil stripping and adequate storage must be undertaken to prevent the loss of topsoil and topsoil must be used during rehabilitation.</li> <li>Dust suppression must be undertaken on unpaved or gravel roads.</li> <li>Stormwater Management Plan must be implemented to prevent uncontrolled runoff from site. Water from “dirty” areas must be directed to the evaporation pond to prevent possible contamination of surrounding water resources.</li> </ul>	EMPr
Two change houses	Construction & Operation	3 700m <sup>2</sup>	<ul style="list-style-type: none"> <li>Clearance of the site must proceed in a phased manner while the plant is constructed to prevent unnecessary clearance of vegetation and exposure of bare soil.</li> <li>Topsoil stripping and adequate storage must be undertaken to prevent the loss of topsoil and</li> </ul>	EMPr

			<p>topsoil must be used during rehabilitation.</p> <ul style="list-style-type: none"> <li>• Dust suppression must be undertaken on unpaved or gravel roads.</li> <li>• Stormwater Management Plan must be implemented to prevent uncontrolled runoff from site. Water from “dirty” areas must be directed to the evaporation pond to prevent possible contamination of surrounding water resources.</li> </ul>	
Engineering workshop	Construction & Operation	1 000m <sup>2</sup>	<ul style="list-style-type: none"> <li>• Clearance of the site must proceed in a phased manner while the plant is constructed to prevent unnecessary clearance of vegetation and exposure of bare soil.</li> <li>• Topsoil stripping and adequate storage must be undertaken to prevent the loss of topsoil and topsoil must be used during rehabilitation.</li> <li>• Dust suppression must be undertaken on unpaved or gravel roads.</li> <li>• Stormwater Management Plan must be implemented to prevent uncontrolled runoff from site. Water from “dirty” areas must be directed to the evaporation pond to prevent possible contamination of surrounding water resources.</li> <li>• Bunded areas must be constructed to ensure that no hydrocarbon spills can occur</li> </ul>	EMPr
Stores	Construction & Operation	3 000m <sup>2</sup>	<ul style="list-style-type: none"> <li>• Clearance of the site must proceed in a phased manner while the plant is constructed to prevent unnecessary clearance of vegetation and exposure of bare soil.</li> <li>• Topsoil stripping and adequate storage must be undertaken to prevent the loss of topsoil and topsoil must be used during rehabilitation.</li> <li>• Dust suppression must be undertaken on unpaved or gravel roads.</li> <li>• Stormwater Management Plan must be implemented to prevent uncontrolled runoff from site. Water from “dirty” areas must be directed to the evaporation pond to prevent possible contamination of surrounding water resources.</li> <li>• Bunded areas must be constructed to ensure that no hazardous storage areas can prevent spills or leakages</li> </ul>	EMPr
Temporary laydown area (historic LanXess Chrome Mining village area)	Construction & Operation	~5.8 Hectares	<ul style="list-style-type: none"> <li>• Clearance of the laydown areas and construction camps must proceed in a phased manner as and when various contractors mobilise to site.</li> <li>• Topsoil stripping and adequate storage must be undertaken to prevent the loss of topsoil and topsoil must be used during</li> </ul>	EMPr

			rehabilitation of the laydown areas and construction camps. <ul style="list-style-type: none"> <li>Dust suppression must be undertaken on unpaved or gravel roads.</li> <li>Erosion control measures must be implemented.</li> <li>Waste separation and storage areas must be clearly demarcated and waste removed from site on a regular basis. Waste is to be disposed of at a suitably licenced waste disposal facility.</li> <li>Sufficient ablution facilities must be provided for and must be maintained in a clean and hygienic state. Sewage must be collected by a suitable and licenced waste contractor.</li> </ul>	
Clean stormwater infrastructure including passive attenuation wetland feature	Operation	~1 500m <sup>2</sup>	<ul style="list-style-type: none"> <li>Site Preparation: Topsoil will be stripped and stockpiled for later use in wetland planting. Earthworks will be limited to shaping shallow depressions and berms to direct and retain water.</li> <li>Lining and Substrate: If required to control infiltration, a clay or HDPE liner will be installed, followed by graded gravel/sand substrate.</li> <li>Inflow/Outflow Structures: Low-flow channels and silt traps will be installed at inlets, with controlled outflows to prevent erosion.</li> <li>Vegetation: Indigenous wetland species (e.g., <i>Phragmites australis</i>, <i>Cyperus</i> spp., <i>Typha capensis</i>) will be planted to establish functionality, biodiversity support, and habitat structure.</li> <li>Buffer Zones: A 15–20 m vegetated buffer will be maintained around the wetland in line with GN 509 and GN 267.</li> </ul>	EMPr

## 10. CLOSURE PLAN

In the space provided under each heading below, please provide a high level description of the plan for closure and the information that will be provided in the draft EMPr accompanying draft basic assessment report or environmental impact reports going forward.	
<b>Baseline environment</b> Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment	The baseline environment will be determined through the desktop assessments and specialist studies utilising GIS data and available datasets such as NFEPA, CBA, and BGIS as well as site visits and any information shared by I&APs. Potential site sensitivities will be investigated, and land uses both on site and in the surrounding area will be identified. Input received from I&APs during the consultation processes will be considered in the setting out of the baseline environment.
<b>Closure objectives</b> Describe the closure objectives and the extent to which they will be aligned to the baseline environment	The overall closure objective will be to ensure that the post closure environment aligns with the pre-development as far as reasonably possible.

	Closure of the project on completion of activities will require the removal and safe disposal of surface infrastructure. The impacts of closure and post-closure will be further assessed and detailed in the BAR Phase Report.
<b>Rehabilitation Plan</b> Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, including the anticipated prospecting or mining area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.	The aerial extent (square meters or hectares) of the activities is provided in Section 5 above. At the closure phase, it is anticipated that the project will consist of the infrastructure mentioned above. The site rehabilitation plan will be investigated and presented in the EMPr during the BAR Phase.
<b>Rehabilitation Cost</b> Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof	The rehabilitation and closure costs will be determined during the BAR phase. The Regulations Pertaining to the Financial Provision promulgated under section 44(aE), (aF), (aG), (aH) read with sections 24(5)(b)(ix), 24(5)(d), 24N, 24P and 24R of the National Environmental Management Act, 1998 (Act No.107 of 1998) (20 November 2015) will be considered and this will, where relevant, be included in the BAR Report. The topup costs required in terms of the mines current financial provision will be calculated and presented in the Closure Report which shall be included in the BAR.
<b>Decommissioning</b> Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of either the cessation of the individual activity or the cessation of the overall prospecting or mining activity.	Surface rehabilitation will take place following construction while other infrastructure will be rehabilitated following decommissioning at the end of activities.

DocuSigned by:  
  
8AC4A4B3829D4C6...

---

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

---

Glencore Operations South Africa (Pty) Ltd

Name of company (if applicable):

---

Date:

**APPENDIX 1****DECLARATION OF THE EAP**

I, Brian Whitfield, declare that –

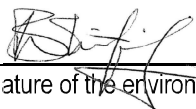
General declaration:

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

**Disclosure of Vested Interest** (delete whichever is not applicable)

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

—



Signature of the environmental assessment practitioner:

**Environmental Impact Management Services (Pty) Ltd - EIMS**

Name of company:

22 July 2025

Date:



## CURRICULUM VITAE

<b>Name:</b>	<b>Brian Peter Whitfield</b>
<b>Nationality:</b>	South African
<b>Date of Birth:</b>	20 October 1977
<b>Profession:</b>	Environmental Scientist / Environmental Assessment Practitioner
<b>Professional Qualification/ Training:</b>	BSc (Botany and Zoology): University of the Witwatersrand, 1996-1998 BSc Honours (Botany): University of the Witwatersrand, 1999
<b>Professional Membership/ Registrations:</b>	Registered Professional Natural Scientist (SACNASP- #400447/13). Registered Environmental Assessment Practitioner - EAP (2022/4496) with the Environmental Assessment Practitioners Association of South Africa (EAPASA)
<b>Current Employer:</b>	Environmental Impact Management Services (Pty) Ltd.

## KEY EXPERIENCE

Brian is a Principal Consultant at EIMS and has over 20 years of experience as an EAP. He holds a BSc (Botany and Zoology) and a BSc Honours degree in Botany from the University of the Witwatersrand. Brian is a registered Professional Natural Scientist with the South African Council for Natural Scientific Professions (400447/13) and a registered EAP (2022/4496) with the Environmental Assessment Practitioners Association of South Africa (EAPASA). Brian's broad range of experience includes managing and/or undertaking projects in various sectors, including Energy, Mining, Oil and Gas, Water and Infrastructure. He is conversant with the South African environmental legislation as well as sustainability auditing, including Equator Principles, IFC Performance Standards and World Bank EHS guidelines. Brian's other experience includes Site Assessments, Water-use licensing, Environmental Monitoring and Auditing, Due Diligence Assessments, Competent Persons Reporting, Environmental Management Plans and Strategic Environmental Assessments.

## CAREER SUMMARY

<b>Period: May 2014 - Current</b>	<b>Organisation: EIMS</b>	<b>Position: EAP and Project Manager</b>
<b>Key Projects/Assignments</b>	<p>Project Management including but not limited to the following key projects:</p> <ul style="list-style-type: none"> <li>Thungela Lephalale Coal Bed Methane Project (LCBM) – onshore gas production project (EIA, WUL, AEL)</li> <li>Harmony Gold Full-time Secondment</li> <li>Tetra4 (Renergen) Cluster 2 expansion - onshore gas production project (EIA, WUL, AEL) in line with WB and IFC standards</li> <li>Elandsfontein Colliery expansion of coal mining operations (EIA, WML, IWUL, EMPr Amendment)</li> <li>Ilima Colliery EIR/EMPR Amendment Application</li> </ul>	



	<ul style="list-style-type: none"> <li>• Mbuyelo Manungu Colliery expansion of coal mining operations (EIA, WML, IWUL)</li> <li>• Transnet Capital Projects Full-time Secondment</li> <li>• Mooiplaats Colliery expansion of underground coal mining operations (EIA, WML, IWUL)</li> <li>• Tetra4 Virginia Regional General Authorisation</li> <li>• Environmental Due Diligence, Environmental Assurance and Competent Persons Reporting for Coal Mining assets (South 32, HCI Coal, Anker Coal)</li> <li>• Menar Kookfontein Prospecting Right Application</li> <li>• Sungu Sungu Dannhauser Oil and Gas Exploration Application</li> <li>• Sungu Sungu ER313 Oil and Gas Exploration Application</li> <li>• SANRAL Gauteng Freeway Improvement Project (GFIP) NEMA Environmental Authorisation applications (Basic Assessments) for the expansion of certain sections of the existing Gauteng freeways.</li> <li>• Eskom Real Estate (ERE) Waste Management Plan</li> <li>• Eskom Dolos Giraffe Substation BA</li> <li>• PH Bagale Lichtenburg Hospital BA</li> <li>• Old Mutual Properties Zonkizizwe Mixed Use Development Advisory Services</li> <li>• EMPR Performance Assessment audits on a number of Collieries</li> <li>• Water Use Licence external audits for mines, power stations, etc</li> <li>• Cennergi Tsitsikamma Community Wind Farm Annual External Audit (including IFC/World Bank compliance)</li> <li>• Cennergi Amakala Emoyeni Wind Farm Annual External Audit (including IFC/World Bank compliance)</li> <li>• Thabametsi Power Station Lenders Environmental Technical Advisor</li> <li>• Eskom Wittekleibosch Powerline and Substation Construction Audits</li> <li>• Eskom Dedisa Grassridge Powerline Construction Audits</li> <li>• Eskom Aries-Garona 400kV Powerline (EIA, WUL)</li> <li>• Various audits for Eskom Power Stations</li> </ul> <p>Mentoring and Quality Control</p> <ul style="list-style-type: none"> <li>• Responsible for mentoring consultants on enviro-legal processes, project management, etc.</li> <li>• Quality review of reports to ensure compliance with legislation, guidelines, etc.</li> </ul>
Period: 1 February 2023 to 31 August 2023	<div> <div> <b>Organisation:</b> EIMS (Full time secondment to Harmony Gold Mining Company Limited) </div> <div> <b>Position:</b> Environmental Manager for Harmony Central Projects </div> </div>



<b>Key Projects/Assignments</b>	<p>Secondment on a full-time basis to Harmony Central Projects to oversee and manage the various environmental authorisation applications initiated by Harmony Central Projects. The services included but not limited to:</p> <ul style="list-style-type: none"> <li>• Ensuring that the various consultants appointed for the environmental authorisation applications undertook the applications within the specified timeframes and to a high standard acceptable to Harmony as well as the relevant authorities.</li> <li>• Undertaking regular progress meetings with the appointed consultants to monitor progress.</li> <li>• Undertaking regular progress meetings with project leads within Harmony.</li> <li>• Providing updates to relevant sections of the Harmony Steering Committee meeting presentations.</li> <li>• Liaising with the relevant authorities to ensure that decisions were issued within acceptable timeframes.</li> </ul> <p>The following projects under environmental authorisation and water use licence applications were managed:</p> <ol style="list-style-type: none"> <li>1. Free State North 1 Pipeline Project</li> <li>2. Free State South 6 Pipeline Project</li> <li>3. Mispah Pipeline Project</li> <li>4. Kalgold Mine Extension Project</li> <li>5. Kusasalethu Pipeline Project</li> <li>6. Freddie's 9 Pipeline Project</li> <li>7. Kareerand Pipeline Project</li> <li>8. Nooitgedacht New Tailings Storage Facility Project</li> <li>9. Valley Tailings Storage Facility Project</li> </ol>	
<b>Period: August 2012 – May 2014</b>	<b>Organisation: EIMS (Full time secondment to Transnet State Owned Company Limited)</b>	<b>Position: Transnet Capital Projects Environmental Manager</b>
<b>Key Projects/Assignments</b>	<p>Transnet Capital Projects (TCP) Environmental Manager on the New Multi-Product Pipeline (NMPP) Project under the umbrella of the Centre of Excellence. The project included the following aspects:</p> <ul style="list-style-type: none"> <li>• Pipeline 1: 554km of pipeline construction (30m wide servitude) from Durban Harbour (Island View) to Heidelberg (Gauteng) including construction of 2 Terminals, 3 Pump Stations and 2 Metering Stations.</li> <li>• Pipeline 2&amp;3: 72km of Pipeline construction (30m wide servitude) from Jameson Park Terminal (Gauteng) via Alrode Terminal to Langlaagte Depot (Gauteng).</li> <li>• Pipeline 4: 89km of Pipeline construction (30m wide servitude) from Kendal Power Station (Mpumalanga) to Waltloo Terminal (Gauteng).</li> </ul> <p><u>Responsibilities:</u> The following responsibilities applied to this position:</p> <ul style="list-style-type: none"> <li>• Develop and implement a plan and strategy to address the closeout of environmental components of the project.</li> </ul>	



	<ul style="list-style-type: none"> <li>Facilitate, co-ordinate and manage the environmental closeout and handover process of the project: <ul style="list-style-type: none"> <li>Facilitate the environmental execution of the reinstatement and rehabilitation of the Right of Way servitude (Wetland, erosion, grassing, etc);</li> <li>Manage and ensure the landowner signoff of each property that has been obtained;</li> <li>Ensure that all the required documents for handover have been prepared and are ready for handover to Transnet Pipelines (TPL);</li> <li>Ensure all environmental risks are captured on the risk register and that all risks are mitigated and closed out;</li> <li>Ensure that all actions from Community Liaison Forums (CLF's) and any other meetings are closed out.</li> </ul> </li> <li>Plan, monitor and control the allocated budget.</li> <li>Ensure compliance with all conditions of the Environmental Authorisation (EA), permits, licenses, etc.</li> <li>Oversee the environmental performance of all contractors: <ul style="list-style-type: none"> <li>Ensure that all relevant information is shared with the contractor;</li> <li>Ensure quality control of all environmental services.</li> </ul> </li> <li>Visit and check all sites to ensure that the work is being undertaken as required by the EA and Environmental Management Plan (EMP).</li> <li>Facilitate environmental communication and engagement with internal and external stakeholders: <ul style="list-style-type: none"> <li>Interface with Interested and Affected Parties (I&amp;AP's) where required;</li> <li>Chair and facilitate regular feedback meetings with TPL and the environmental team;</li> <li>Liaise with Government Departments as required;</li> <li>Regularly meet with the Project Directors of the various teams on the project to ensure that environmental management is being adequately addressed.</li> </ul> </li> <li>Provide the necessary environmental input into designs, plans, etc.</li> <li>Prepare environmental opinions and interpretations as and when required.</li> <li>Sign off all Independent Environmental Audit reports.</li> <li>Prepare and submit monthly progress and cost reports to various Executive Committee Members.</li> <li>Support and manage the environmental team.</li> </ul>		
<b>Period: 19 May 2008 to 31 July 2012</b>	<table border="1"> <tr> <td data-bbox="565 1759 971 1871"> <b>Organisation: EIMS</b> </td><td data-bbox="971 1759 1408 1871"> <b>Position: ECO Manager and Independent Environmental Auditor to the Transnet NMPP Project</b> </td></tr> </table>	<b>Organisation: EIMS</b>	<b>Position: ECO Manager and Independent Environmental Auditor to the Transnet NMPP Project</b>
<b>Organisation: EIMS</b>	<b>Position: ECO Manager and Independent Environmental Auditor to the Transnet NMPP Project</b>		
<b>Key Projects/Assignments</b>	<b>Responsibilities:</b>		



	<ul style="list-style-type: none"><li>• Manage team of Environmental Control Officers (10 individuals at peak of project construction) as well as acting as Independent Auditor during period of the project.</li><li>• Assist with all permits and applications where applicable on the project e.g.: borrow pits, water use licenses (WUL), etc. including but not limited to:<ul style="list-style-type: none"><li>○ The compilation of 40 borrow pit (mining permit) applications with 9 permits issued (others cancelled for various reasons). Closure applications for the 9 permits have additionally been undertaken.</li></ul></li><li>• Educate the construction team about the management measures of the EMP's and ROD's/EA's.</li><li>• Regular liaison with the construction team and the project leader.</li><li>• Recommend corrective action for any non-compliance incidents on the construction site.</li><li>• Consult with the I&amp;AP's and the contractor where required by the EMP.</li><li>• Comment on damage claims from the public.</li><li>• Notify affected parties of changes to the construction programme should they be involved.</li><li>• Ensure open communication channels between the affected parties and the contractor and respond promptly to queries and claims.</li><li>• Develop a monitoring and auditing programme which is implemented for the duration of the construction phase of the project to monitor compliance with the conditions of the EMP's and RoD's/EA's. The management of this programme includes:<ul style="list-style-type: none"><li>○ Ensure ECO's conduct daily audits in identified sensitive areas;</li><li>○ Ensure ECO's conduct weekly audits in their respective areas;</li><li>○ Compilation of a monthly audit report with a rating of the compliance with the EMP. This report is submitted to the relevant competent authorities including:<ul style="list-style-type: none"><li>▪ Department of Environmental Affairs (DEA);</li><li>▪ Gauteng Department of Agriculture and Rural Development (GDARD);</li><li>▪ Department of Water Affairs (DWA – National).</li></ul></li><li>○ Ensure ECO's keep a photographic record of any damage to areas outside the demarcated site area. The date, time of damage, type of damage and reason for the damage is recorded in full to ensure the responsible party is held liable;</li><li>○ Provide ad hoc advise and clarification on compliance issues to the responsible contractor;</li><li>○ Maintain records of compliance / non-compliance with the conditions of the authorizations and make available to competent authorities on request;</li><li>○ Assist the contractors in the identification of suitable contractors camp sites and delineation of environmental sensitive areas;</li></ul></li></ul>
--	---



	<ul style="list-style-type: none"><li>○ Review and approval of Environmental Awareness Training to be undertaken by the contractors or other suitable service providers.</li></ul>	
<b>Period: July 2004 to 19 May 2008</b>	<b>Organisation: EIMS</b>	<b>Position: Environmental Consultant</b>
<b>Key Projects/Assignments</b>	Was involved in and managed numerous projects during this time. A detailed list can be provided on request.	

## LANGUAGE CAPABILITY

Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Fair	Fair

## DECLARATION

I confirm that the above information contained in the CV is an accurate description of my experience and qualifications and that, at the time of signature.

  
\_\_\_\_\_  
Signature of Staff Member

22 July 2025

\_\_\_\_\_  
Date



**Environmental Assessment  
Practitioners Association  
of South Africa**



Registration No. 2022/4496

***Herewith certifies that***

**Brian Peter Whitfield**

***is registered as an***

**Environmental Assessment Practitioner**



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

Effective: 01 March 2024

Expires: 28 February 2025

Chairperson

Registrar





South African Council for Natural Scientific Professions

## Brian Peter Whitfield

Registration Number: 40044741

is a registered scientist

Environmental Science (Professional Natural Scientist)

Effective 20 November 2013

Expires 31 March 2025



*AK Vepth*

Chairperson

Resumes

Chief Executive Officer



To verify this certificate scan this code







# UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

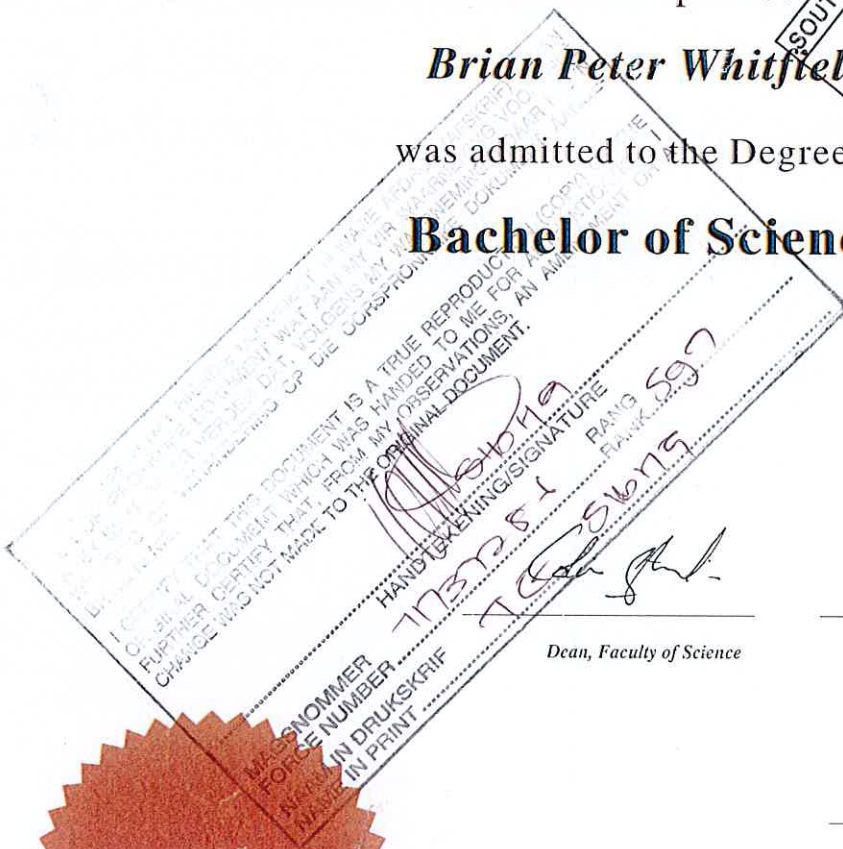
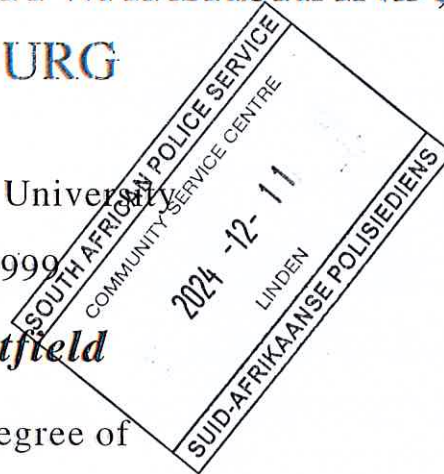
At a congregation of the University

held on 29 April 1999

**Brian Peter Whitfield**

was admitted to the Degree of

**Bachelor of Science**



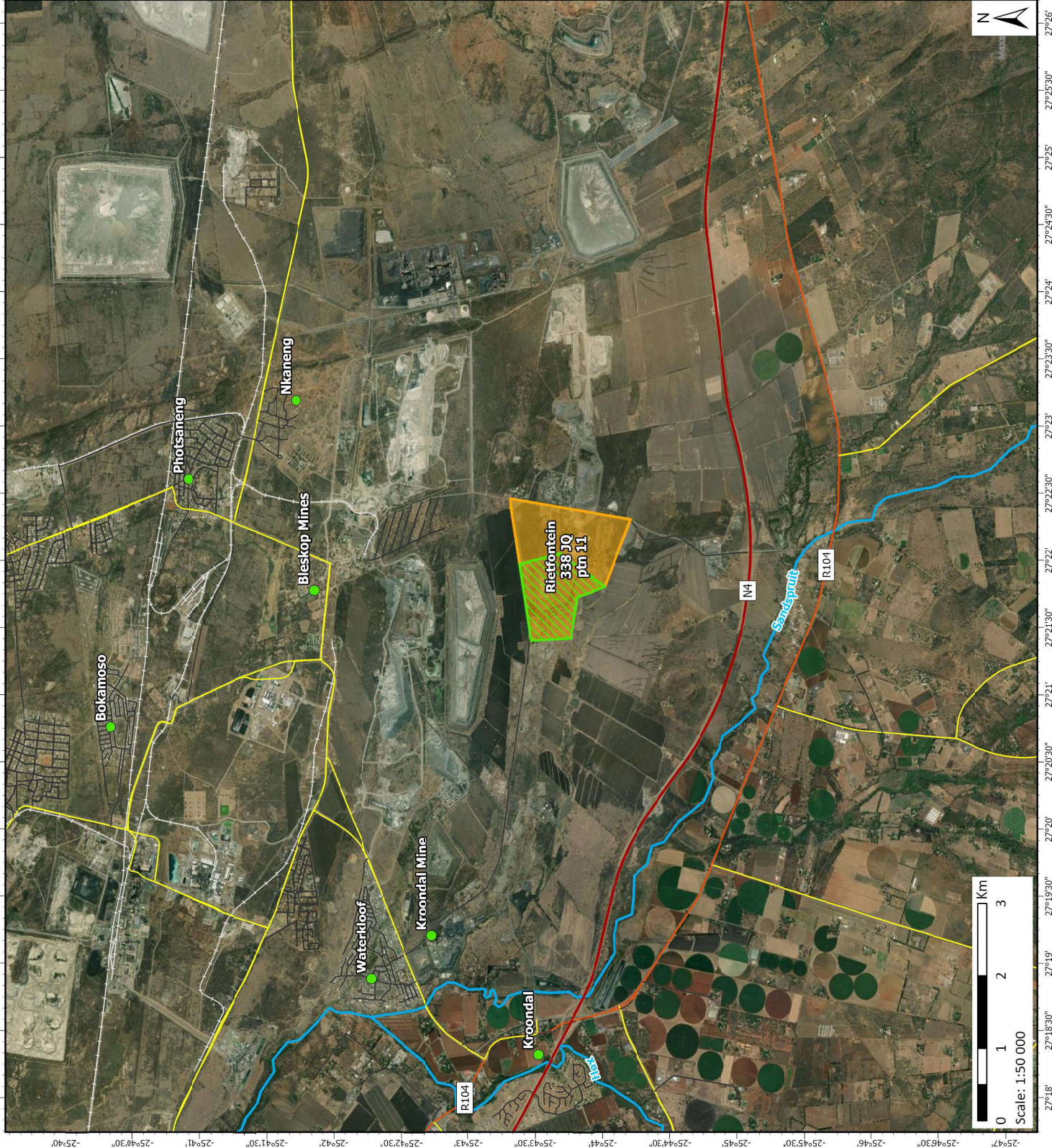
Dean, Faculty of Science

Vice-Chancellor and Principal

Registrar (Academic)

**APPENDIX 2: LOCALITY MAP**



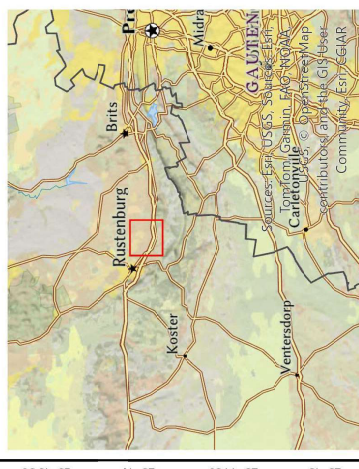


## Locality Map

1637 Glencore Clover RCM BAR WULA

### Legend

- Affected Property
- Surface Portion to be acquired by Glencore
- Places
- NFEPA Rivers
- Railway
- National Route
- Regional Route
- Other Roads
- Streets



### Data Sources:

CSG: ESRI; SANBI; CD:NGI  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Ref: 1637\_Locality1

Date: 2025/02/14  
EIMS Ref: 1637  
Compiled: JW  
Reviewed: BW  
Approved: LW





### **APPENDIX 3: ENVIRONMENTAL AUTHORISATIONS OBTAINED FOR THE SAME PROPERTY**



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

DMR 10

**Directorate:** Mineral Regulation: North West Region,  
Private Bag A1, Klerksdorp, 2570 Cnr Margaretha Prinsloo & Voortrekker Streets  
Vaal University of Technology Building, Klerksdorp, 2571

**Enquiries:** Lorraine Nobela Tel: (018) 487 4300 Fax: (018) 487 4394  
**E-Mail:** [Lorraine.Nobela@dmr.gov.za](mailto:Lorraine.Nobela@dmr.gov.za) **Ref No.:** NW 30/5/1/2/3/2/1/ (336) EM

### BY HAND

Attention: **Mr. Sarel Ferreira**  
Lanxes Chrome Mining (Pty) Ltd  
P.O. Box 8  
**KROONDAL**  
0350



**Fax:** (014) 536 3997

AMENDED INTEGRATED ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) AS AMENDED (HEREIN REFERRED TO AS NEMA) AND NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 (ACT 59 OF 2008) AS AMENDED (HEREIN REFERRED TO AS NEMWA) AS READ TOGETHER WITH THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 FOR THE CONSTRUCTION OF WASTE ROCK DUMP, ROAD AND MINING OF THE OPEN CAST PIT FOR LANXES CHROME MINING (PTY) LTD IN RESPECT OF ON PORTIONS 1, 10, 11, 14, 32, 34 AND THE REMAINDER OF PORTION 1 OF THE FARM RIETFONTEIN 338 JQ, PORTIONS 17, 18, 19, THE REMAINDER OF PORTION 19 AND THE REMAINDER OF PORTION 12 OF THE FARM BRAKSPRUIT 299 JQ, PORTIONS 95, 96, 97 AND 98 OF THE FARM KROONDAL 304 JQ AND THE REMAINDER OF PORTION OF THE FARM KLIPFONTEIN 300 JQ, SITUATED IN THE MAGISTERIAL DISTRICT OF RUSTENBURG, NORTH WEST REGION.

With reference to the above-mentioned application, please be advised that the Department has decided to **grant** an integrated environmental authorisation in terms of Section 24L of National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended read with regulation 27 of the Environmental Impact Assessment Regulations, 2014. The integrated environmental authorisation and reasons for the decision are attached herewith.

In terms of regulation 4 (2) of the Environmental Impact Assessment Regulations, 2014, you are instructed to notify all registered interested and affected parties, in writing within 14 (Fourteen) calendar days, from the date of the Department's decision in respect of your application and the relevant provisions regarding the lodgement of appeal must be provided for in terms of the National Appeal Regulations of 2014.

Should you wish to appeal any aspect of this decision, you must submit the appeal to the Minister of the Department of Environmental Affairs and a copy of such appeal to the Department of Mineral Resources (North West Regional Office) within 20 days from the date of notification and such appeal must be lodged as prescribed in terms of Chapter 2 of the National Appeal Regulations of 2014, by means of the methods as prescribed below:

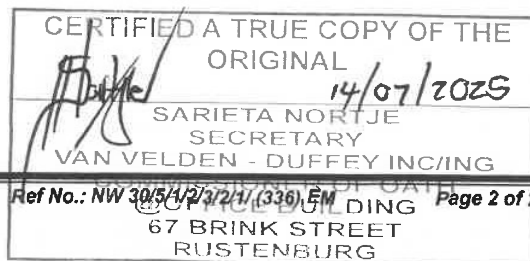
#### **Appeal to the Department of Environmental Affairs**

**Attention** : Directorate Appeals and Legal Review  
**Email** : [appealsdirectorate@environment.gov.za](mailto:appealsdirectorate@environment.gov.za)  
**By post** : Private Bag X 447, **PRETORIA**, 0001  
**By hand** : Environmental House, Corner Steve Biko and Soutpansberg Street, Arcadia, **PRETORIA**, 0083

#### **Copy of the lodged appeal to the Department of Mineral Resources**

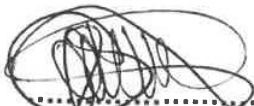
**Attention** : Regional Manager: North West Region  
**By facsimile** : (018) 487 4394  
**E-mail** : [Phumudzo.Nethwadzi@dmr.gov.za](mailto:Phumudzo.Nethwadzi@dmr.gov.za)  
**By post** : Private Bag A1, Klerksdorp, 2570  
**By hand** : Vaal University of Technology Building, Cnr Margareth Prinsloo & Voortrekker Street, Klerksdorp, 2570

Should you decide to appeal, you must comply with the National Appeal Regulations of 2014 in relation to notification of all registered interested and affected, and a copy of the official appeal form can be obtained from the Department of Environmental Affairs.



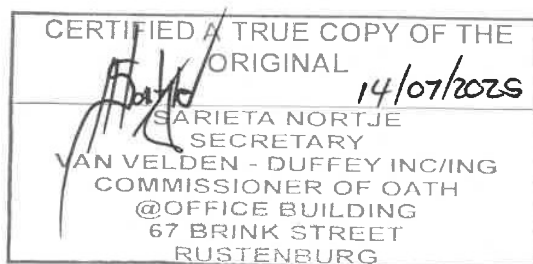


Yours Faithfully



CHIEF DIRECTOR: MINERAL REGULATION  
WESTERN REGIONS  
DEPARTMENT OF MINERAL RESOURCES

DATE: 24/5/18





## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

DMR 10

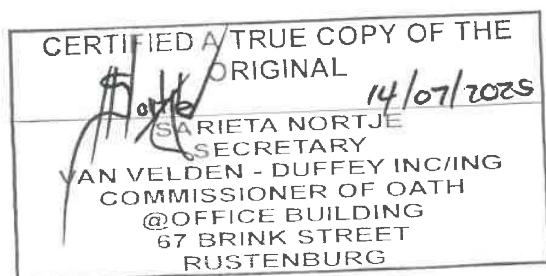
Private Bag A1, Klerksdorp, 2570 Tel: (018) 487 4300 Fax: 086 710 1017/ (018) 487 4394  
Cnr Margaretha Prinsloo & Voortrekker Streets Vaal University of Technology Building, Klerksdorp,  
2571

### INTERGRATED ENVIRONMENTAL AUTHORISATION

**Reference number:** NW 30/5/1/2/3/2/1 (336) EM  
**Amended:** First issue  
**Holder of Authorisation:** Lanxess Chrome Mining (Pty) Ltd.

**Location of activity:**

Portions 1, 10, 11, 14, 32, 34 and the remainder of portion 1 of the farm Rietfontein 338 JQ, portions 17, 18, 19, the remainder of portion 19 and the remainder of portion 12 of the farm Brakspruit 299 JQ, portions 95, 96, 97, and 98 of the farm Kroondal 304 JQ and the remainder of portion of the farm Klipfontein 300 JQ.



### DECISION

#### ACRONYMS

<b>NEMA</b>	: National Environmental Management Act, 1998 (Act 107 of 1998) as amended
<b>DEPARTMENT</b>	: Department of Mineral Resources
<b>IEA</b>	: Integrated Environmental Authorisation
<b>EMPr</b>	: Environmental Management Programme
<b>S&amp;EIR</b>	: Scoping and Environmental Impact Report
<b>I&amp;AP</b>	: Interested and Affected Parties
<b>ECO</b>	: Environmental Control Officer
<b>SAHRA</b>	: South African Heritage Resources Agency
<b>EIA REGULATIONS</b>	: Environmental Impact Assessment Regulations, 2014
<b>MPRDA</b>	: Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), as amended
<b>NEMA: WA</b>	: National Environmental Management: Waste Act, 2008 (Act 59 of 2008), as amended
<b>EIA</b>	: Environmental Impact Assessment
<b>EAP</b>	: Environmental Assessment Practitioner
<b>MHS</b>	: Mine Health and Safety

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this amended Integrated Environmental Authorisation, which the applicant should be authorised to undertake NEMA: EIA and NEMWA: EIA listed activities specified below. Details regarding the basis on which the Department reached this granting decision are set out in Annexure "I" of this integrated environmental authorisation.

### ACTIVITIES APPLIED FOR

By virtue of the powers conferred on it by NEMA and NEMWA, the Department hereby grant an application for amended IEA submitted by Lanxess Chrome Mining (Pty) Ltd with the following contact details –

**Attention: Mr. Sarel Ferreira**  
Lanxess Chrome Mining (Pty) Ltd  
P.O. Box 8  
**KROONDAL**  
0350

**Fax: (011) 536 3997**



to undertake the following activities listed in the NEMA EIA Regulation and NEM: WA.

#### **NEMA: Listed Activities:**

#### **Government Notice No. Regulation 983 of 04 December 2014**

1. The development of a road for which an environmental authorization was obtained for the route determination in terms of activity 5 in GN 387 of 2006 or activity 18 in GN 545 of 2010 or a road with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres; [**Listed activity 24**];

#### **Government Notice No. Regulation 984 of 04 December 2014**

2. Any activity including the operation of that activity which requires a mining right as contemplated in section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) [**Listed activity 17**];
3. The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent [**Listed activity 6**];

## NEM: WA Listed Activities

### Government Notice No. Regulation 921 of 29 November 2013

#### Category A

1. The disposal of general waste to land covering an area of less than 50 m<sup>2</sup> but less than 200m and with a total capacity not exceeding 25 000 tons. [Listed activity 9]

#### Category B

2. The disposal of any quantity of hazardous waste to land. [Listed activity 7]

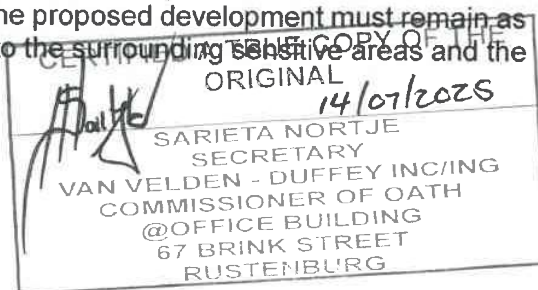
Detailed specifications of the activity are as follows:

Proposed expansion of mining operation (open pit)
The area to be transformed – 167.19 ha
Proposed Waste Rock Dump
Proposed construction of access road - 13 ha, Length – 6 kilometres

The granting of this amended IEA is subject to the conditions set out below (site specific) and in Annexure 2 (Departmental standard conditions). The Environmental Management Programme (EMPr) attached as part of reports for the above development submitted as part of the application for an amended IEA is hereby approved and must be adhered to throughout the life cycle of the operation.

#### IEA SITE SPECIFIC CONDITIONS

1. A clean and dirty water separation system should be the first system to be developed on site.
2. No other activities will be commenced other than the authorised activities.
3. Prior commencement of the authorised activities, an amended Integrated Water Use License (IWUL) and approvals for the proposed open cast pit, waste rock dump and associated structures, designs and infrastructures must be obtained from the Department of Water and Sanitation (DWS).
4. All development footprint areas affected by the proposed development must remain as small as possible and must not encroach onto the surrounding sensitive areas and the associated buffer zones.



## ANNEXURE 1: REASONS FOR THE DECISION

### 1. Background

Lanxess Chrome Mining (Pty) Ltd submitted an application for an amendment of an IEA for activities listed in the EIA Regulations, 2014 and NEM: WA Listed Activities (Category A and B) of the National Environmental Management: Waste Act 59 of 2008 as:

#### **NEMA: Listed Activities:**

#### **Government Notice No. Regulation 983 of 04 December 2014**

1. The development of a road for which an environmental authorization was obtained for the route determination in terms of activity 5 in GN 387 of 2006 or activity 18 in GN 545 of 2010 or a road with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres; [**Listed activity 24**];

#### **Government Notice No. Regulation 984 of 04 December 2014**

2. Any activity including the operation of that activity which requires a mining right as contemplated in section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) [**Listed activity 17**];
3. The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent [**Listed activity 6**];

#### **NEM: WA Listed Activities**

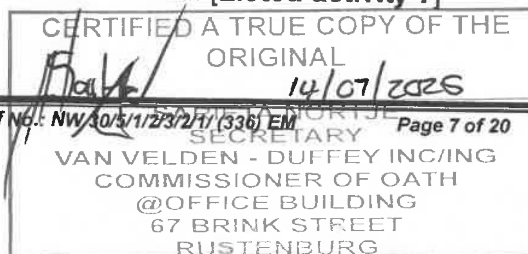
#### **Government Notice No. Regulation 921 of 29 November 2013**

##### **Category A**

1. The disposal of general waste to land covering an area of less than 50 m<sup>2</sup> but less than 200 m and with a total capacity not exceeding 25 000 tons. [**Listed activity 9**]

##### **Category B**

2. The disposal of any quantity of hazardous waste to land. [**Listed activity 7**]



Lanxess Chrome Mining (Pty) Ltd appointed Digby Wells Environmental to undertake the Scoping and Environmental Impact Assessment process as prescribed by Regulation 21 and 23 of the NEMA: EIA Regulations, 2014.

## 2. Information considered in making the decision

In reaching its decision, the Department took, inter alia, the following into consideration -

- a) The information contained in the application form received by the Department on 11 August 2016;
- b) The information contained in the EIAR received by the Department on 20 April 2017;
- c) The objectives and requirements of the applicable and relevant legislation, policies and guidelines and the EIA Regulations, 2014;
- d) The Heritage Specialist Report attached to the EIAR as Appendix 12;
- e) The Noise Specialist Report attached to the EIAR as Appendix 11;
- f) Visual impact Assessment Report attached to the EIAR as Appendix 10
- g) The Soils and Land Capability Specialist report attached to the EIAR as Appendix 9;
- h) The Groundwater Specialist Report attached to the EIAR as Appendix 8;
- i) Surface water Assessment Report attached to the EIAR as Appendix 7;
- j) Faunal and flora Impact Assessment Report attached to the EIAR as Appendix 6;
- k) The Air Quality Specialist Report attached to the EIAR as Appendix 5;

## 3. Key factors considered in making the decision

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

- a) The environmental impacts associated with the proposed activities will be addressed by the proposed mitigation measures outlined in the EMPr compiled by Xanthe Taylor Digby Wells Environmental;
- b) As required in terms of section 24 P of NEMA as read together with Regulation 4 of the regulations pertaining to the financial provision for prospecting, exploration, mining or production operations, the company has supported their application with the requested financial provision to the amount of **R28 878 664.79 (Twenty eight million, eight seventy eight thousand, six hundred and sixty four rand seventy ninth cent only)**. The said amount was provided in a form of a bank guarantee

(**Guarantee Number: 175-02-0163073-G**) issued by ABSA Bank Limited. The original bank guarantee was received by this office on the 13 September 2017 (folio 21 on the file refers).

- c) A sufficient Public Participation Process (PPP) was undertaken and the applicant has satisfied the minimum requirements as prescribed in Chapter 6 Regulation 41 of the EIA Regulations, 2014;
- d) The Heritage Specialist Report dated March 2015; compiled Mr Lukas Sadler from Digby Wells Environmental. It is also recommended that more assessment be done to identify graves and record archaeological resources.
- e) The Noise Specialist Report dated January 2015; compiled by Stephanie Mulder of Digby Wells Environmental recommended that the identified mitigation measures be applied.
- f) The Air Quality Specialist report dated March 2015; compiled by Winnie Ngara of Digby Wells Environmental recommend that the air quality level comply with the relevant statutory standard;
- g) Groundwater Specialist Report dated May 2015; compiled by Stephen Fonkem of Digby Wells Environmental recommended that monitoring and dewatering be conducted closely to the active mining face.
- h) Biodiversity Specialist Report dated March 2015; compiled by Rudi Greffrath of Digby Wells Environmental recommends that no construction must be considered in the conserved and sensitive areas;
- i) The Soils, Land Use and Land Capability Specialist Report dated March 2015; compiled by Wayne Jackson of Digby Wells Environmental recommends that top soil should be stripped and stockpiled separately from the rest of the soil profile.

#### 4. Findings

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

- a) The potential impacts on the proposed site were clearly investigated and mitigation measures outlined.
- b) Public Participation Process complied with Chapter 6 Regulation 41 of the EIA Regulations, 2014. The PPP included, inter-alia, the following:
  - A newspaper advertisements were placed in the local newspaper "Rustenburg Herald on the 02 September 2016,
  - Site notice board notifying stakeholders and I&APs of the proposed activities were placed at conspicuous places in the project area on the 26 August 2016.
  - I&APs were notified of the project via newspaper advert, notice board, public meeting via e-mails and flyers distributed in the area.

- Potential I&APs were notified of the opportunity to participate and the invitation to register as I&APs. The announcement was sent by means of writing notification and it was accompanied by a BID and registration and comment sheet by post, e-mail or fax.
- BID document was written in English

## ANNEXURE 2

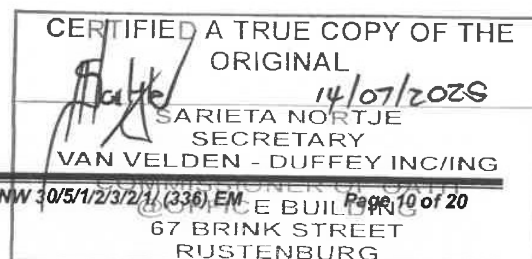
### DEPARTMENTAL STANDARD CONDITIONS

#### 1. SCOPE OF AUTHORISATION

- 1.1 The holder of the amended IEA shall be responsible for ensuring compliance with the conditions contained in the amended IEA. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant or any person rendering a service to the holder of amended IEA.
- 1.2 Any changes to, or deviation from the project description set out in this amended IEA must be approved in writing by this Department before such changes or deviation may be effected. In assessing whether to grant such approval or not, the Department may request such information as is deemed necessary to evaluate the significance and impacts of such changes or deviation and it may be necessary for the holder of the EA to apply for further authorisation in terms of the EIA Regulations.
- 1.3 The activities, which are authorised, may only be carried out at the properties indicated in the amended IEA and or on the approved EMPr.
- 1.4 Where any of the holder of the amended IEA contact details change including name of the responsible person, physical or postal address/ or telephonic details, the holder of the amended IEA must notify the Department as soon as the new details become known to the holder of the IEA.
- 1.5 The amended IEA does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activities.
- 1.6 The holder of the amended IEA must ensure that all areas where the authorised activities occur have controlled access to ensure safety of people and animals.

#### 2 APPEAL OF AUTHORISATION

- 2.1 The holder of the amended IEA must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with regulation 4 (2) of the EIA Regulations, 2014 must do the following:
- 2.2 Notify all registered I&APs of –
  - 2.2.1 The outcome of the application;

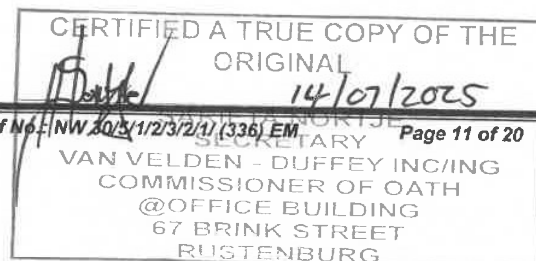




- 2.2.2 The date of the decision;
- 2.2.3 The date of issue of the decision and;
- 2.2.4 The reasons for the decision as included in Annexure 1 and Departmental Standard Conditions in Annexure 2.
- 2.3 Draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations,
- 2.4 Draw the attention of all registered I&APs to the manner in which they may access the decision.
- 2.5 Provide the registered I&APs with:
  - 2.5.1 Name of the holder (entity) of this amended IEA
  - 2.5.2 Name of the responsible person for this amended IEA
  - 2.5.3 Postal address of the holder;
  - 2.5.4 Telephonic and fax details of the holder and
  - 2.5.5 E-mail address of the holder if any.

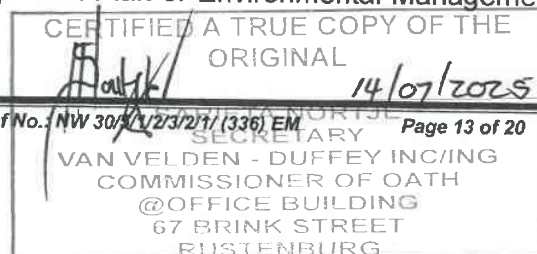
### 3 COMMENCEMENT OF THE ACTIVITIES

- 3.1 In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).
- 3.2 This amended IEA must be provided to the site operator and the requirements thereof must be made fully known to him or her.
- 3.3 Hauling routes for construction vehicles and machinery must be clearly marked and appropriate signaling must be posted to that effect. Furthermore, movement of construction vehicles and machinery must be restricted to areas outside of the drainage line or wet areas.
- 3.4 Appropriate notification sign must be erected at the construction site, warning the public (residents, visitors etc.) about the hazard around the construction site and presence of heavy vehicles and machinery.
- 3.5 Construction must include design measures that allow surface and subsurface movement of water along the drainage lines so as not to impede natural surface and subsurface water flow, and drainage measures must promote the dissipation of storm water runoff.
- 3.6 Vegetation clearance must be limited areas where the individual activities will occur, and mitigation measures must be implemented to reduce the risk of erosion and alien species invasion.
- 3.7 The holder of the amended IEA must note that in terms of the National Forest Act (Act No.84 of 1998) protected plant species, must not be cut, disturbed, damaged, destroyed and their products must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the relevant Competent Authority.



- 3.8 Construction areas (e.g. material lay down areas), topsoil and subsoil must be protected from contamination or pollution. Stockpiling must not take place in drainage lines or areas where it will impede surface water runoff.
- 3.9 If any soil contamination is noted at any phase of the proposed activities, the contaminated soil must be removed to a licensed waste disposal facility and the site must be rehabilitated to the satisfaction of the Department and Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this Department must be informed in this regard.
- 3.10 An integrated waste management approach must be implemented that is based on waste minimization and must incorporate avoidance, reduction, recycling, treat, reuse and disposal where appropriate. Uncontaminated rubble generated on the premises can be re-used as back filling material on site. Ensure that no refuse or rubble generated on the premises is placed, dumped or deposited on the adjacent properties or public places and open space.
- 3.11 In terms of sections 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No. 36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the IEA reads through and understand the legislative requirements pertaining to the project. It is the Applicant's responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.
- 3.12 Construction vehicle must be serviced and maintained in the manner whereby no excessive smokes and noise production is reduced to acceptable levels, and to prevent oil leaks. Contaminated soil must be remediated on site or removed to an authorised landfill site.
- 3.13 Residents (if any) on the properties and surrounding areas must be informed if any unusually noisy activities are planned.
- 3.14 Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.
- 3.15 Mixing of cement, concrete, paints, solvent, sealants and adhesive must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflow onto soil to avoid contamination of underground water and environmental damage.
- 3.16 Should any heritage remains be exposed during operation or any actions on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) and or North West Province Heritage Resource Agency (NWPHRA) (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA) and or North West Province Heritage Resource Agency (NWPHRA).

- 3.17 Heritage remains include: archaeological remains (including fossil bones and fossil shells); coins; middens, indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artifacts and bone remains; structures and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked human burials. A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.
- 3.18 Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.
- 3.19 Hydraulic fluid or chemicals required during construction must be stored in a concrete lined surface with bund walls and shall be designed in such a manner that any spillage can be contained and reclaimed without any impact on the surrounding environment. Should any spills occur it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.
- 3.20 Chemical sanitation facilities or system such as toilets that do not rely on the seepage of liquids must be provided with a ratio of 1 for every 15 workers. These must be placed such that they prevent spills or leaks to the environment and must be maintained according to the operating instructions and the content thereof must be disposed of at an authorised waste water treatment works.
- 3.21 The holder of the amended IEA must ensure that any water uses listed in terms of Section 21 of National Water Act must get authorization from Department of Water and Sanitation prior to the commencement of such activities.
- 3.22 This amended IEA does not purport to absolve the holder of IEA from its common law obligations towards the owner of the surface of land affected.
- 3.23 The holder of the amended IEA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMP.
- 3.24 This amended IEA may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.
- 3.25 The holder of the amended IEA must note that in terms Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposit and residue stockpile must be deposited and managed in a prescribed manner on any site demarcated for that purpose in the Environmental Management Plan or Environmental Management Programme. No person may temporary or permanently deposits residue stockpile or residue deposit on any area or site other than on site indicated on the Environmental Management Plan or Environmental Management Programme.



- 3.26 The holder of the amended IEA must note that in terms Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management licence is issued in respect of that activity if licence is required.
- 3.27 An appeal under Section 43 (7) of the National Environmental Management Act, 1998 (Act 107 of 1998) (as amended) suspend an IEA or exemption or any provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.
- 3.28 Should you be notified by the Minister of a suspension of the authorisation pending appeal procedure, you may not commence with the activity(ies) until such time that the Minister allows you to commence with such activity (ies) in writing.
- 3.29 The Department reserves the right to audit and/or inspect the activity (ies) without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.
- 3.30 The waste storage site must have a firm, impermeable, chemical resistant floors and a roof to prevent direct sunlight and rain water from getting in contact with the waste.
- 3.31 The storage of hydrocarbons must have bund walls with adequate capacity to contain the maximum volume that is stored in the area. Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.
- 3.32 Subject to the commencement and duration requirements of the MPRDA and NEMA for the listed mining activity is valid for the period for which the aforesaid right is granted provided that this activity must commence within 10 years. If the commencement of the proposed activity does not occur within the specified period, the EA lapses and a new application for IEA in terms of the NEMA and the EIA Regulations, 2014 should be made for the activity to be undertaken.
- 3.33 The commissioning and decommissioning of individual activity within the overall listed mining activity must take place within the phases and timeframes as set out in EMP or EMPr.
- 3.34 This amended IEA will only be effective on the event that a corresponding mining right is issued in terms of MPRDA as amended and none of the activities listed in this amended IEA may commence without a mining right.
- 3.35 The listed activities, including site preparation, must not commence within 20 (twenty) calendar days of the date of the notification of the decision being sent to the registered I&APs. In the event that an appeal is lodged with the appeal administrator, the effect of this environmental authorisation is suspended until such time as the appeal is decided.

- 3.36 Should there be any conflicting conditions between this amended IEA and other approval granted by other authorities, it is upon the holder of the amended IEA to bring it to the attention of the Department for resolution.

#### 4 MANAGEMENT OF ACTIVITIES

- 4.1 A copy of the amended IEA and EMPr must be kept at the property or on site office where the activity/lies will be undertaken. The amended IEA and EMPr must be produced to any authorised officials of the Department who request to see it and must be made available for inspection by any employee or agent of the holder of the IEA who works or undertakes work at the properties.
- 4.2 The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agent and any other people working on the site, and any updates or amendments to the EMPr must be submitted to the Department for approval.
- 4.3 Regular monitoring and maintenance of storm water drainage facilities must be conducted at all times, if damaged as directed by the Department or any other relevant authority.
- 4.4 The holder of the amended IEA must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.
- 4.5 The holder of the amended IEA must ensure that all non-recyclable waste are disposed of at waste management facilities licenced to handle such wastes and all recyclable waste are collected by licenced waste management facilities for recycling, reuse or treatment.
- 4.6 The holder of the amended IEA must ensure that all liquid wastes, whose emissions to water or land could cause pollution are diverted to sewer, after testing water quality and receiving written approval from the relevant local authority.
- 4.7 Non-compliance with any condition of this amended IEA or EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of section 31L of NEMA.
- 4.8 Only listed activities that are expressly specified in the EMPr that forms part of this amended IEA may be conducted, and additional or new activities not specified herein must be applied for by the holder and authorised by the competent authority in the form of an amendment to the aforesaid EMPr before such activities may be commenced with. This condition is also applicable in the case of the amendment, addition, substitution, correction and removal or updating of any detail in the aforesaid EMPr.
- 4.9 This amended IEA only authorizes activities specified in the EMPr /closure plan and a new authorisation must be applied for in respect of any new activity not specified as part of the EMPr.
- 4.10 Rehabilitation of the disturbed surface caused by operation at all times must comply with the approved EMPr.

- 4.11 The holder of the amended IEA must ensure that the name and contact details of the ECO is made available to the Regional Manager within 30 days of commencement. The holder of the amended IEA must also ensure that an ECO is always available on site to ensure that activities at all times comply with the issued amended IEA and approved EMPr.
- 4.12 The ECO must:
- 4.12.1 Keep and maintain a detailed incidents register (including any spillages of fuels, chemicals or any other material).
  - 4.12.2 Keep a complaint register on site indicating the complaint and how the issues were addressed, what measures were taken and what the preventative measures were implemented to avoid re-occurrence of complaints.
  - 4.12.3 Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.
  - 4.12.4 Keep copies of all environmental reports submitted to the Department.
  - 4.12.5 Keep the records of all permits, licences and authorisations required by the operation.
  - 4.12.6 Compile a monthly monitoring report and make it available to the Department if requested.
- 4.13 The duties and responsibility of the ECO should not be seen as exempting the holder of the amended IEA from the legal obligations in terms of the NEMWA and NEMA.
- 4.14 The footprint of the activities must be limited on the areas authorised for the actual construction works and operational activities and all areas outside of the footprint must be regarded as a "no go" areas.
- 4.15 Erosion and soil loss must be prevented by minimizing the construction site exposed to surface water run-off. Where necessary erosion stabilizing action such as gabions or re-vegetation must be implemented to prevent further habitat deterioration.
- 4.16 The holder of the amended IEA must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situations so as to minimise the risk involved. Records of training and verification of competence must be kept by the holder amended IEA.
- 4.17 In order to prevent nuisance conditions, the holder of the amended IEA must ensure that all storage skips and bins are not overfilled.

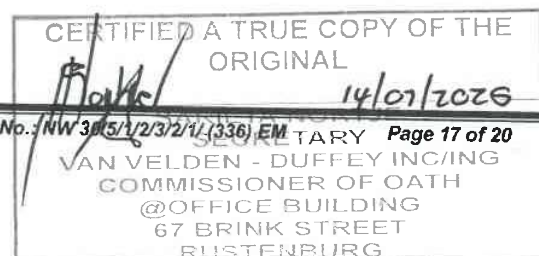
## 5 REPORTING TO THE DEPARTMENT

- 5.1 The holder of EA must:

CERTIFIED A TRUE COPY OF THE ORIGINAL	
<i>[Signature]</i>	14/07/2008
Ref No.: MW 30/5/1/23/2/1/ (336) EMRY	
VAN VELDEN - DUFFEY INC/ING	
COMMISSIONER OF OATH	
@OFFICE BUILDING	
67 BRINK STREET	
RUSTENBURG	



- 1
- 5.5.1 Submit an Environmental Audit Report to this Department biennially and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of this environmental authorisation and EMP/closure plan are adhered to;
  - 5.5.2 Identify and assess any new impacts and risks as a result of undertaking the activities, if applicable;
  - 5.5.3 Identify shortcomings in the EMP/closure plan, if applicable;
  - 5.5.4 Identify the need, if any, for any changes to the management, avoidance and mitigation measures provided for in the EMP/closure plan;
  - 5.5.5 If applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate;
  - 5.5.6 Specify the name of the auditor and must be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalized the audit;
- 5.2 Should any shortcomings in terms of Regulation 34 (4) be identified, the holder must submit recommendation to amend the EMP/closure plan in order to rectify any shortcomings identified with the aforementioned audit report.
  - 5.3 Any complaint received from the Interested and Affected Parties during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned parties.
  - 5.4 The holder of the amended IEA must annually assess the environmental liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.
  - 5.5 The holder of the amended IEA must, within 24 hours of incidents occurring, notify the Competent Authority of the occurrence or detection of any incident on the site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.
  - 5.6 The holder of the amended IEA must, within 14 days, or a shorter period of time, if specified by the Competent Authority from the occurrence or detection of any incident referred to in condition 5.5, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the Competent Authority of measures taken to –
    - 5.6.1 Correct the impact resulting from the incident;
    - 5.6.2 Prevent the incident from causing any further impact; and
    - 5.6.3 Prevent a recurrence of a similar incident.



- 5.7 In the event that measures have not been implemented within 21 days of the incident referred to in condition 5.6, or measures which have been implemented are inadequate, the Competent Authority may implement the necessary measures at the cost of the holder of the amended IEA.

## 6 SITE SECURITY AND ACCESS CONTROL

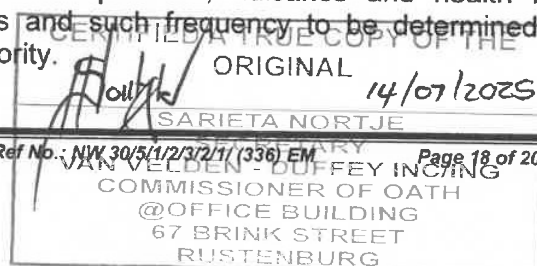
- 6.1 The holder of the amended IEA must ensure effective access control on the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at each entrance.
- 6.2 Weather proof, durable and legible notices in at least three official languages applicable in the area must be displayed at each entrance to the Site. These notices must prohibit unauthorised entry and state the hours of operation, the name, address and telephone number of the holder of the amended IEA and the person responsible for the operation of the site.

## 7 EMERGENCY PREPAREDNESS PLAN

- 7.1 The holder of the amended IEA must maintain and implement an emergency preparedness plan and review it biennially when conducting audit and after each emergency and or major accident. The plan must, amongst others, include:
- 7.1.1 Site Fire
  - 7.1.2 Spillage
  - 7.1.3 Natural disasters such as floods
  - 7.1.4 Industrial action
  - 7.1.5 Contact details of police, ambulances and any emergency center closer to the site.
- 7.2 The holder of amended IEA must ensure that an up to date emergency register is kept during all phases of the operation. This register must be made available upon request by the department.

## 8 INVESTIGATIONS

- 8.1 If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of the amended IEA must initiate an investigation into the cause of the problem or suspected problem.
- 8.2 If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of the amended IEA must initiate an investigation into the cause of the problem or suspected problem. Such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.
- 8.3 Investigations carried out in terms of conditions 8.1 and 8.2 above must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.





- 8.4 Should the investigation carried out as per conditions 8.1 and 8.2 above reveal any unacceptable levels of pollution, the holder of the amended IEA must submit mitigation measures to the satisfaction of the Competent Authority.

## 9 COMMISSIONING AND DECOMMISSIONING

- 9.1 The commissioning and decommissioning of individual activity within the overall listed mining activities must take place within the phases and timeframes as set out in EMPr.

## 10 SITE CLOSURE

- 10.1 The holder of amended IEA must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002) as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment and completion of development.
- 10.2 The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended.
- 10.3 No exotic plants may be used for rehabilitation purposes only indigenous plant can be utilized for rehabilitation purposes.
- 10.4 The holder of amended IEA remains responsible for any environmental liability, pollution or ecological degradation, compliance with the conditions of amended IEA and the management and sustainable closure thereof until the Minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002) as amended. Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.

## 11 NEMA PRINCIPLES

The NEMA Principles (set out in Section 2 of NEMA, which apply to the actions of all Organs of State, serve as guidelines by reference to which any Organ of State must exercise any function when taking any decision, and which must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), inter alia, provides for:

- the effects of decisions on all aspects of the environment to be taken into account;
- the consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment;
- the co-ordination and harmonisation of policies, legislation and actions relating to the environment;
- the resolving of actual or potential conflicts of interest between Organs of State through conflict resolution procedures; and
- the selection of the best practicable environmental option.

## 12 DISCLAIMER

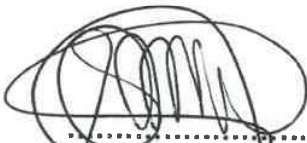
The Department of Mineral Resources in terms of the conditions of this environmental authorisation shall not be responsible for any damages or losses suffered by the holder, developer or his/her successor in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document or legal action emanating from this decision.

## 13 RECOMMENDATIONS

In view of the above, the NEMA principles, compliance with the conditions stipulated in this amended IEA, and compliance with the EMP/closure plan, the competent authority is satisfied that the proposed listed activity/ies will not conflict with the general objectives of Integrated Environmental Management stipulated in Chapter 5 of NEMA, and that any potentially detrimental environmental impacts resulting from the listed activity/ies can be mitigated to acceptable levels. The authorisation is accordingly granted.

Your interest in the future of our environment is appreciated.

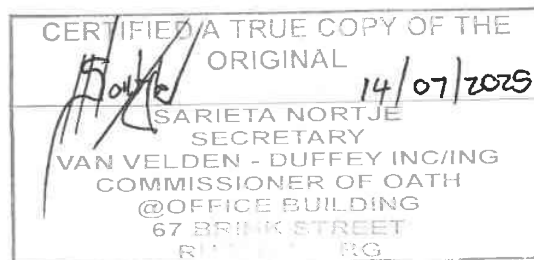
Kind Regards



CHIEF DIRECTOR: MINERAL REGULATION  
WESTERN REGIONS

DEPARTMENT OF MINERAL RESOURCES

DATE: 24/5/18



#### **APPENDIX 4: PROPOSED SITE PLAN (LAYOUT MAP)**

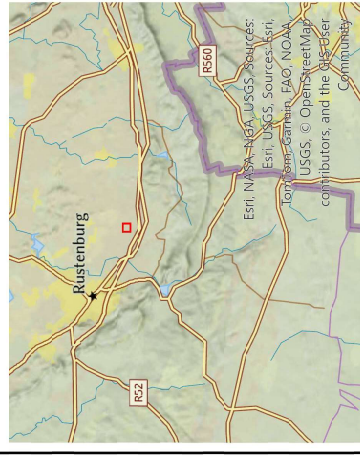


# Preliminary Layout Map

1637 Glencore Clover RCM BAR WULA

## Legend

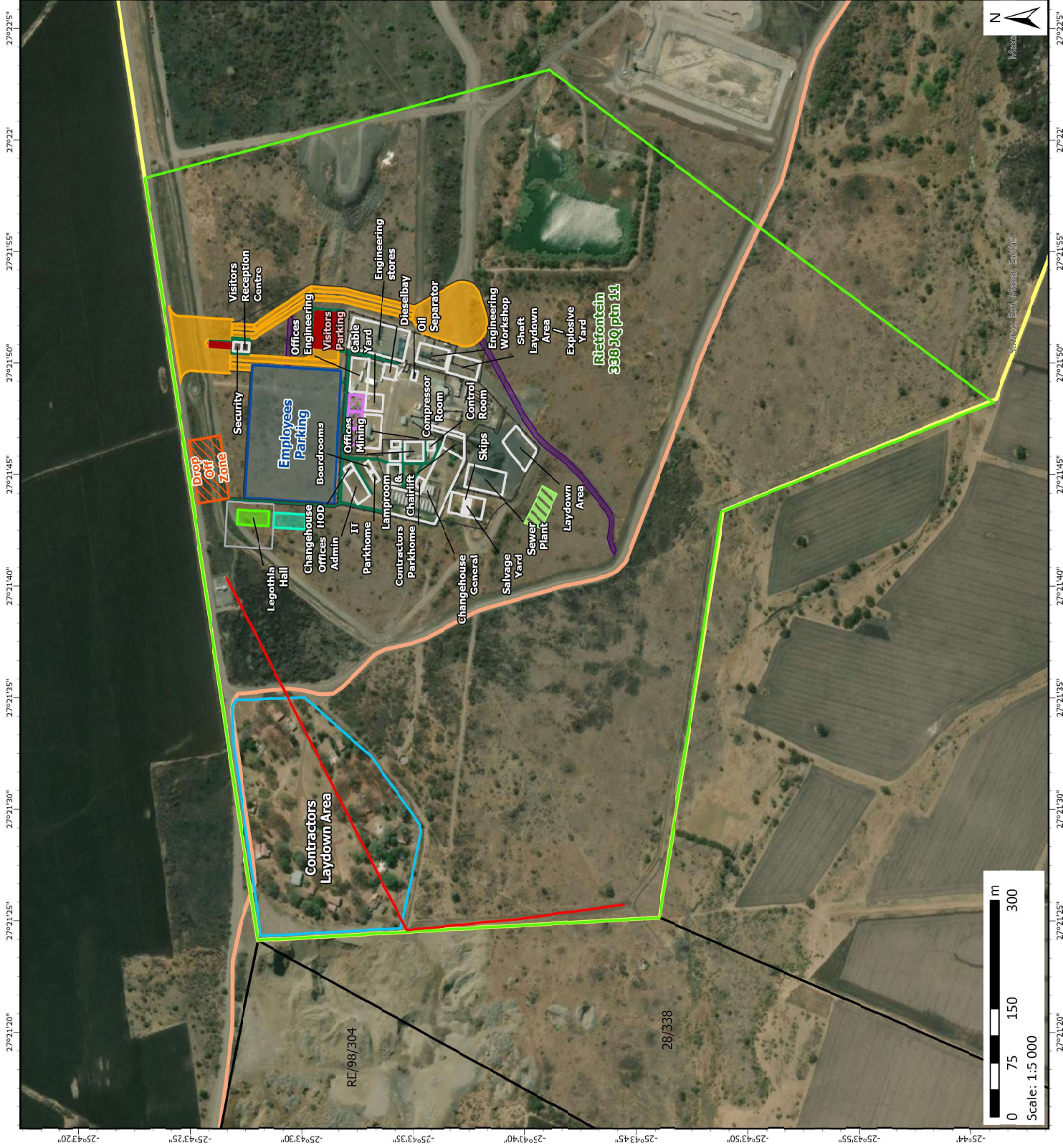
- |                          |                                    |
|--------------------------|------------------------------------|
| Affected Property        | Infrastructure                     |
| Farm Portions            | Secondary Escape Road              |
| Surface Exchange Area    | Access Roads                       |
| Existing Road            | Visitors Parking                   |
| Proposed 11KV Powerline  | Employees Parking                  |
| Contractors Laydown Area | Drop Off Zone                      |
| Dams                     | Pathways                           |
| Attenuation Pond         | Fences                             |
| Brake Test Ramp          | Legothla Hall                      |
|                          | Legothla Hall Alternative Location |



## Data Sources:

CSG: ESRI  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Ref: 1637\_Layout\_3

Date: 2025/05/28  
EIMS Ref: 1637  
Compiled: JW  
Reviewed: BW  
Approved: LW



## **APPENDIX 5: PROOF OF SUBMISSION OF WUL APPLICATION**

## Jolene Webber

---

**From:** Ewulaas\_Do\_Not\_Reply@dws.gov.za  
**Sent:** Friday, 04 April 2025 11:16  
**To:** Jolene Webber  
**Cc:** nhlapof@dws.gov.za; MahlakoR@dws.gov.za  
**Subject:** Application Notification (WU37566)

Dear Ms Jolene Webber,

The following application has reference :

Western Chrome Mines Rietfontein Clover RCM Project (WU37566)

**The reason for the notification is as follows :**

**PROOF OF RECEIPT OF YOUR APPLICATION FORM TO APPLY FOR A WATER USE LICENCE  
IN TERMS OF SECTION 40 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF .1998), LPNW -  
Hartbeespoort**

Glencore Operations South Africa : Western Chrome Mines Rietfontein Clover RCM Project  
Ref No : WU37566

The Department of Water and Sanitation hereby acknowledges receipt of your application to apply for a water use licence that was received on **15 Oct 2024**.

A formal letter will be sent to you no later than 7 days of receipt of this letter to arrange for a site inspection or provide you with a list additional documents required to complete your technical report.

You received this email from :

Name : Mr Litshani Magoba ()  
e-Mail : magobal@dws.gov.za  
Tel : 0123921418

[Click Here to access the Application](#)

Kind Regards,

e-WULAAS on Behalf of **Department of Water and Sanitation**

Private Bag X313, Pretoria, 0001  
Sedibeng Building, 185 Francis Baard Street, Pretoria, 0001  
Tel: (012) 336 7500  
Fax: (012) 323-4472  
Website: [www.dws.gov.za](http://www.dws.gov.za)  
Email: [E-WULAASCalls@dws.gov.za](mailto:E-WULAASCalls@dws.gov.za)



water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA



e-WULAAS

#### In e-WULAAS Notifications

**DISCLAIMER:** This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water and Sanitation further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.

## **APPENDIX 6: I&AP CALL TO REGISTER NOTIFICATION PROOFS**



16 October 2024

Our Ref: BW/am/1637

Dear Interested & Affected Party:

**NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESSES FOR THE PROPOSED GLENCORE WCM KROONDAL MINE INFRASTRUCTURE, RUSTENBURG MUNICIPALITY, NORTH WEST PROVINCE**

Glencore Operations South Africa (Pty) Ltd – Western Chrome Mines (WCM) (hereafter referred to as the Applicant) has appointed Environmental Impact Management Services (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of applications for:

- National Environmental Management Act- NEMA (Act 107 of 1998- as amended); and
- National Water Act – NWA (Act 36 of 1998).

Additional listed activities and/or water uses may be identified during the application processes.

Glencore Western Chrome Mines (WCM) is in the process of acquiring some of the mining and surface rights from the Clover Alloys Rustenburg Chrome Mine (RCM) to reduce the time taken to travel to the face at its Kroondal Mine and increase the mining facetime which will in turn increase productivity. In addition to utilizing the existing infrastructure at Clover Alloys RCM, the applicant wishes to develop additional facilities to use in the life of mine. The proposed new developments as well as existing infrastructure include (but are not limited to):

- A parking area for permanent employees and a parking area for visitors and contractors
- Employee drop-off/pick-up zone
- Salvage yard
- Sewage plant
- Use of existing Pollution Control Dam and licensing this dam under the NWA
- Surface laydown area
- Shaft laydown area/Explosives Delivery Bay
- Meeting venue hall (Lekgotla Hall)
- Access roads and escape roads
- Two water storage dams
- Compressor house
- One 11kV Powerline
- Administration Offices
- Change houses
- Engineering workshop
- Stores

- Temporary laydown area (historic LanXess Chrome Mining village area)

Kroondal mining operations are situated approximately 10 km east of Rustenburg, North-West Province. Mining at Kroondal has historically consisted of both opencast and underground mining. Currently, only underground mining is undertaken, and the old opencast areas have been closed and rehabilitated. The current underground mining is taking place in close proximity to the Clover Alloys RCM mining rights areas. Miners' underground travel time will be reduced by approximately 50% through Glencore WCM acquiring the surface rights on Portion 11 of the farm Rietfontein 338 JQ and mining right (MR336), which will in turn increase production and ensure the long-term survival of the business.

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Basic Assessment process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and applications. In order to ensure that you are identified and registered as an I&AP and that your comments are captured, please submit your name, contact details, and the reason for your interest, in writing or telephonically by no later than 15 November 2024 to EIMS. Please note that only registered I&APs will be informed of future project information and opportunities for participation.

By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regard to this application, as soon as possible to EIMS at:

Contact Person: Alexander Msipa

EIMS Reference Number: 1637

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: (086) 571 9047

E-mail: [GlencoreRCM@eims.co.za](mailto:GlencoreRCM@eims.co.za)

Please include the project reference number **1637** in all correspondence.

Kind Regards,

Alexander Msipa

16 Oktober 2024

Ons verwysing: BW/am/1637

Geagte Belangstellende & Geaffekteerde Party:

**KENNISGEWING MET BETREKKING TOT GELEENTHEID OM DEEL TE NEEM AAN OMGEWINGSMAGTIGING AANSOEKPROSESSE VIR DIE VOORGESTELDE GLENCORE WCM KROONDAL MYNINFRASTRUKTUUR, RUSTENBURG MUNISIPALITEIT, NOORDWES PROVINSIE**

Glencore Operations South Africa (Edms) Bpk – Western Chrome Mines (WCM) (hierna na verwys as die Aansoeker) het Environmental Impact Management Services (EIMS) as die Omgewingsassesseringspraktisyn (EAP) aangestel om te assisteer met die onderneming van die vereiste magtigingsprosesse (insluitend die statutêre publieke deelname), en om die vereiste dokumentasie saam te stel en in te dien ter ondersteuning van aansoeke vir:

- Wet op Nasionale Omgewingsbestuur- WNOB (Wet 107 van 1998- soos gewysig); en
- Nasionale Waterwet – NWA (Wet 36 van 1998).

Bykomende gelyste aktiwiteite en/of watergebruike kan tydens die aansoekprosesse geïdentifiseer word.

Glencore Western Chrome Mines (WCM) is besig om van die mynbou- en oppervlakregte van die Clover Alloys Rustenburg Chrome Mines (RCM) te verkry, om die tyd wat dit neem om na die aansig by sy Kroondal-myn te reis, te verminder en die mynbou-aansigtyd te verhoog, wat op sy beurt die produktiwiteit sal verhoog. Benewens die gebruik van die bestaande infrastruktuur by Clover Alloys RCM, wil die aansoeker bykomende fasiliteite ontwikkel om in die lewe van myn te gebruik. Die voorgestelde nuwe ontwikkelings sowel as bestaande infrastruktuur sluit in (maar is nie beperk nie tot):

- 'n Parkeerarea vir permanente werknemers en Parkeerarea vir besoekers en kontrakteurs
- Werknemer aflaai/optel sone
- Bergingswerf
- Rioolaanleg
- Gebruik van bestaande Besoedelingsbeheerdam en lisensiëring van hierdie dam onder die NWA
- Oppervlakte neerlê area
- Skag neerlê area/Plofstof Afleweringsbaai
- Vergaderlokaal (Lekgotla-saal)
- Toegangspaaie en noodpaaie
- Twee wateropgaardamme
- Kompressorhuis
- Een 11kV-kraglyn
- Administrasiekantore
- Kleedkamers
- Ingenieurswerkswinkel
- Store

- Tydelike neerlê-area (historiese LanXess Chrome-myndorp-gebied)

Kroondal mynbedrywighede is ongeveer 10 km Oos van Rustenburg, Noordwes Provinsie, geleë. Mynbou by Kroondal het histories bestaan uit beide oopgroef- en ondergrondse mynbou. Tans word slegs ondergrondse mynbou onderneem, en die ou oopgroef areas is gesluit en gerehabiliteer. Die huidige ondergrondse mynbou vind plaas in die omgewing van die Clover Alloys RCM-mynregtegebiede. Mynwerkers se ondergrondse reistyd sal met ongeveer 50% verminder word deurdat Glencore WCM die oppervlakregte op Gedeelte 11 van die plaas Rietfontein 338 JQ en mynreg (MR336) bekom, wat op sy beurt produksie sal verhoog en die langtermyn-volhoubaarheid van die besigheid sal verseker.

EIMS sal die prosedures volg wat in die Omgewingsimpakbepaling (OIB) Regulasies (GRN982 van 2014, soos gewysig) omskryf is om 'n Basiese Evalueringsproses te onderneem. In ooreenstemming met Hoofstuk 6 van die OIB-regulasies, sal 'n publieke deelnameproses onderneem word. U word hiermee uitgenooi om te registreer en kommentaar te lewer op die voorgestelde projek en aansoeke. Om te verseker dat jy geïdentifiseer en geregistreer word as 'n B&GP, en dat jou kommentaar ingesluit word, dien asseblief jou naam, kontakbesonderhede, en die rede vir jou belangstelling, skriftelik of telefonies nie later nie as 15 November 2024 by EIMS in. Neem asseblief kennis dat slegs geregistreerde B&GPe ingelig sal word oor toekomstige projekinligting en geleenthede vir deelname.

Deur te registreer as 'n belanghebbende en geaffekteerde party stem jy in tot die insameling en verwerking van jou persoonlike inligting soos per die EIMS Privaatheidskennisgewing beskikbaar by [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). Om te verhoed dat geleenthede vir publieke deelname misgeloop word, dien asseblief B&GP-registrasies, of enige navrae, kommentaar of bekommernisse met betrekking tot hierdie aansoek, so gou moontlik in by EIMS by:

Kontak persoon: Alexander Msipa

EIMS Verwysingsnommer: 1637

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telefoon: (011) 789 7170/ Faks: (086) 571 9047

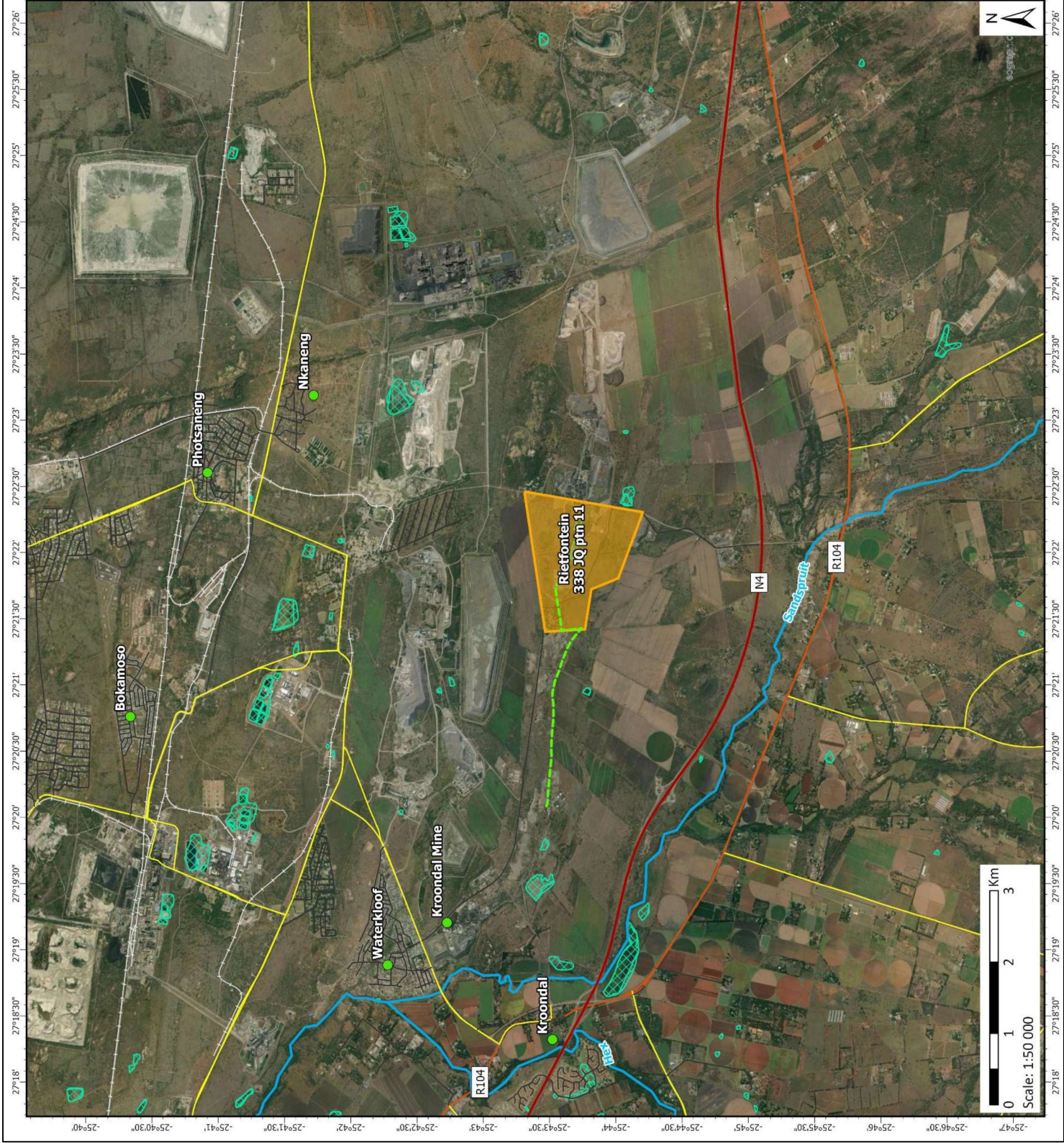
E-pos: [GlencoreRCM@eims.co.za](mailto:GlencoreRCM@eims.co.za)

Sluit asseblief die projekverwysingsnommer **1637** by alle korrespondensie in.

Vriendelike groete,

Alexander Msipa





## Locality Map

1637 Glencore Clover RCM BAR WULA

### Legend

- Affected Property
- 11kV Powerline
- Places
- NFEPA Rivers
- NFEPA Wetlands
- Railway
- National Route
- Regional Route
- Other Roads
- Streets



Data Sources:  
CSG; ESRI; SANBI  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Ref: 1637\_Locality1

Date: 2024/10/01  
EIMS Ref: 1637  
Compiled: JW  
Reviewed: BW  
Approved: LW



# How people, processes, and technology secure matric exams

**RUSTENBURG HERALD - RUSTENBURG** - This year's National Senior Certificate exams commence on Monday, 21 October and as always, exam security is a major concern. However, specialist providers have been entrusted with the secure printing, storing and transporting of exam papers.

Each of South Africa's nine provinces has a Grade 12 exam-printing department, which outsources the production and delivery of papers by independent third-party providers. Currently, Altron Document Solutions (ADS) is the printing partner in six provinces, another partner manages security and a third deals with the packaging and distribution of

papers to and from exam marking centres. Every employee at the print facility undergoes a criminal record and credit check every six months, and no one with a child in Grades 10, 11 or 12 is allowed on site. (These staff members are redeployed to sites that serve less sensitive clients until their children have finished school.) Every exam-printing site

is monitored by security guards and CCTV, access control is biometrics-based, and staff is searched when they enter and exit. No mobile phones are allowed, and all staff members must obtain permission from the site manager to enter the facility and may not move around unaccompanied.

In terms of document security, PrintSecure, the printing partner, meets international standards and is assessed every year for continued compliance. Top-class printing machines and the processes followed by the print team combine to ensure watertight security.

The exam paper file is submitted in encrypted format to the quality control staff at the provincial department. Once they have completed their quality checks, an incorruptible file is given to the printing site manager who sends a sample print to the machines. The staff assigned from the Department of Education check the sample and signs this off, after which the approved sample is placed into a safe. The operator then releases the exact quantity of paper required for the job, ensuring no extra exam papers can be printed.

Any spoiled copies are handled by a security officer, who counts and records the number of spoils and then destroys them in a high-security shredder. The bags of destroyed paper are removed by a disposal company under secure conditions. The printing machine retains no memory of the print, and the site manager has to release more prints if needed - and justify why.

Printed exam papers are handed over to the distribution company, which packs

and transports the paper. All exam papers are distributed in vans fitted with cameras. Driving times are carefully checked and all stops are monitored.

At schools, only specified staff members receive and pack papers, signing for delivery. Once marking has been completed, the marked papers are collected by the distribution company and returned to the print precinct where they are scanned and then high-volume guillotined. The scans are stored in an electronic vault that allows for record keeping.

In terms of timing, papers for big exams such as Mathematics are printed in advance and stored securely on site. Small runs (such as papers printed in Braille) can be done in the morning for next-day delivery. In remote areas, papers can be delivered two days before writing; in all other cases, the papers are delivered on the morning of the exam.

Planning has to be precise, as the printing of a new paper can only start when the previous one is fully completed - two jobs can never be done simultaneously on the same machine.

Breaches are few and far between, but contingency plans are in place and if something should happen and printing partners act quickly to remedy the situation.

Trust and integrity are paramount to successful matric exams and a shared commitment to succeed secures the future of learners writing exams. All partners get behind this common purpose and focus their efforts to provide the technology, security and human support that ensure the credibility of the exam printing process.

## NOTICE FOR THE BASIC ASSESSMENT: APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT NO. 107 OF 1998) 2014 AMENDED EIA REGULATIONS WITH THE DEPARTMENT OF ECONOMIC DEVELOPMENT, ENVIRONMENT, CONSERVATION AND TOURISM (DEDECT)

DEDECT REFERENCE NO: NWP/EIA/30/2024

DATE OF NEWSPAPER ADVERT  
18 OCTOBER 2024

### PROJECT TITLE

THE DEVELOPMENT AND RELATED OPERATION OF LEDIG CHICKENS (PTY) LTD EXPANSION OF EXISTING POULTRY CHICKEN HOUSES AND A NEW POULTRY PROCESSING ABATTOIR

### PROponent

MR. JIMMY MANDLA GUMBI

### SITE DETAILS

PORTION OF PORTION 6 OF THE FARM PALMIETfontein 208-JP  
MOSES KOTANE LOCAL MUNICIPALITY, NORTH WEST PROVINCE  
SITE GPS COORDINATES 25° 51' 42.46" S AND 27° 46' 28.68" E

### LISTED ACTIVITIES APPLICABLE

- LISTING NOTICE 1, ACTIVITY 3 (I) AS LISTED IN GN. R327 OF 07 APRIL 2017 FOR "THE DEVELOPMENT AND RELATED OPERATION OF FACILITIES OR INFRASTRUCTURE FOR THE SLAUGHTER OF ANIMALS WITH A [PRODUCT THROUGHPUT OF]— (I) PRODUCT THROUGHPUT OF POULTRY EXCEEDING 30 POULTRY PER DAY"
- LISTING NOTICE 1, ACTIVITY 40 (I) AS LISTED IN GN. R327 OF 07 APRIL 2017 FOR "THE EXPANSION AND RELATED OPERATION OF FACILITIES FOR THE CONCENTRATION OF POULTRY, EXCLUDING CHICKS YOUNGER THAN 20 DAYS, WHERE THE CAPACITY OF THE FACILITY WILL BE INCREASED BY— (I) MORE THAN 1 000 POULTRY WHERE THE FACILITY IS SITUATED WITHIN AN URBAN AREA; OR (II) MORE THAN 5 000 POULTRY PER FACILITY SITUATED OUTSIDE AN URBAN AREA."
- LISTING NOTICE 1, ACTIVITY 28 (I) AS LISTED IN G. R. 327 OF 07 APRIL 2017 FOR "RESIDENTIAL, MIXED, RETAIL, COMMERCIAL, INDUSTRIAL OR INSTITUTIONAL DEVELOPMENTS WHERE SUCH LAND WAS USED FOR AGRICULTURE, GAME FARMING, EQUESTRIAN PURPOSES OR AFFORESTATION ON OR AFTER 01 APRIL 1998 AND WHERE SUCH DEVELOPMENT: (I) WILL OCCUR INSIDE AN URBAN AREA, WHERE THE TOTAL LAND TO BE DEVELOPED IS BIGGER THAN 5 HECTARES; OR (II) WILL OCCUR OUTSIDE AN URBAN AREA, WHERE THE TOTAL LAND TO BE DEVELOPED IS BIGGER THAN 1 HECTARE"
- LISTING NOTICE 1, ACTIVITY 27 (I) AS LISTED IN GN. R 327 OF 07 APRIL 2017 FOR "THE CLEARANCE OF AN AREA OF 1 HECTARE OR MORE, BUT LESS THAN 20 HECTARES OF INDIGENOUS VEGETATION, EXCEPT WHERE SUCH CLEARANCE OF INDIGENOUS VEGETATION IS REQUIRED FOR—(I) THE UNDERTAKING OF A LINEAR ACTIVITY; OR (II) MAINTENANCE PURPOSES UNDERTAKEN IN ACCORDANCE WITH A MAINTENANCE MANAGEMENT PLAN"
- LISTING NOTICE 3, ACTIVITY 12 (H) (IV) AS LISTED IN GN. R324 OF 07 APRIL 2017 FOR "THE CLEARANCE OF AN AREA OF 300 SQUARE METRES OR MORE OF INDIGENOUS VEGETATION EXCEPT WHERE SUCH CLEARANCE OF INDIGENOUS VEGETATION IS REQUIRED FOR MAINTENANCE PURPOSES UNDERTAKEN IN ACCORDANCE WITH A MAINTENANCE MANAGEMENT PLAN-(H) NORTH WEST: (IV) CRITICAL BIODIVERSITY AREAS AS IDENTIFIED IN SYSTEMATIC BIODIVERSITY PLANS ADOPTED BY THE COMPETENT AUTHORITY"

### HOW TO PARTICIPATE

YOU CAN REGISTER AS AN INTERESTED AND AFFECTED PARTY WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE (BY 18 NOVEMBER 2024) BY SENDING YOUR CONTACT DETAILS TO US FOR THE ATTENTION OF

MS. ASHLEY MAKHUBELE-WESTLEIGH ENVIRONMENTAL SERVICES  
Address: DIE MEENT, 510 ALANDALE STREET, UNIT NO. 2, ELARDUS PARK, 0047  
Contact no: 072 322 8255 Fax: 086 747 1313  
Email: ashley.westleigh@outlook.com

## KENNISGEWING: OMGEWINGSMAGTIGING AANSOEKPROSES

Glencore Operations South Africa (Edms) Bpk Western Chrome Mines (WCM) (hierna na verwys as die Aansoeker) het Environmental Impact Management Services (EIMS) as die Omgewingsassesseringspraktisyn (EAP) aangestel om te assisteer met die onderneem van die vereiste magtigingsprosesse (insluitend die statutêre publieke deelname), en om die vereiste dokumentasie saam te stel en in te dien ter ondersteuning van aansoekke vir:

**Aansoeker:** Glencore Operations South Africa (Edms)  
**Aansoekke:** • Wet op Nasionale Omgewingsbestuur- VNOD (Wet 107 van 1990- soos gewysig); en  
• Nasionale Waterwet – NWA (Wet 36 van 1998).

**Ligging:** Kroondal mynbewryngsgebied is ongeveer 10 km Oos van Rustenburg, Noordwes Provinsie, geleë. Mynbou by Kroondal het histories bestaan uit beide opgrawing en ondergrondse mynbou. Tans word slegs ondergrondse mynbou onderneem, en die ou opgrawing areas is gesluit en gerehabiliteer. Die huidige ondergrondse mynbou vind plaas in die omgewing van die Clover Alloys RCM-mynregtegebied. Mynwerkers se ondergrondse reistyd sal met ongeveer 50% verminder word deurdat Glencore WCM die oppervlakte van Gedeelte 11 van die plaas Rietfontein 338 JQ en mynreg (MR336) bekom, wat op sy beurt produksie sal verhoog en die langtermyn-volhoubaarheid van die besigheid sal verseker.

Glencore Western Chrome Mines (WCM) is besig om van die mynbou- en oppervlakte van die Clover Alloys Rustenburg Chrome Mines (RCM) te verkry, om die tyd wat dit neem om na die aansig by sy Kroondal-myn te reis, te verminder en die mynbou-aansig te verhoog, wat op sy beurt die produktiwiteit sal verhoog. Benevens die gebruik van die bestaande infrastruktuur by Clover Alloys RCM, wil die aansoeker bykomende fasiliteite ontwikkel om in die lewe van myn te gebruik. Die voorgestelde nuwe ontwikkelings sowel as bestaande infrastruktuur sluit in (maar is nie beperk nie tot):

• 'n Parkeerarea vir permanente werknemers en Parkeerarea vir besoekers en kontrakteurs; Werknemer afhaal/opstel zone; Bergingswerf; Riolaanleg; Gebruik van bestaande Besoedlingsbeheerplan en lisensiering van hierdie dam onder die NWA; Oppervlakte neêrle area; Skag neêrle area/Plofstof Afleweringsbaai; Vergraderlokaal (Lekgotla-saal); Toegangsplein en noodpaai; Twee wateropgaardamme; Kompressorhuis; Een 11kV-kraglyn; Administrasiekantore; Kleedkamers; Ingenieurswerksinkel; Store, en Tydelike neêrle-area (historiese LanXess Chrome-mynordorp-gebied).

EIMS sal die prosedures volg wat in die Omgewingsimpakbepaling (OIB) Regulasies (GRN982 van 2014, soos gewysig) omskryf is om 'n Basiese Evalueeringsproses te onderneem. In ooreenstemming met Hoofstuk 6 van die OIB-regulasies, sal 'n publieke deelnameproses onderneem word. U word hiermee uitgenooi om te registreer en kommentaar te lewer op die voorgestelde projek en aansoekke. Om te verseker dat jy geïdentifiseer en geregistreer word as 'n B&GP, en dat jou kommentaar ingesluit word, dien asseblief jou naam, kontakbesonderhede, en die rede vir jou belangstelling, skriftelik of telefonies nie later nie as 15 November 2024 by EIMS in. Neem asseblief kennis dat slegs geregistreerde B&GP's ingelig sal word oor toekomstige projekinligting en geleenthede vir deelname.

Deur te registreer as 'n belanghebbende en geaffekteerde party stem jy in tot die insameling en verwerking van jou persoonlike inligting soos per die EIMS Privaatheidskennisgewing beskikbaar by [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). Om te verhoed dat geleenthede vir publieke deelname misloop word, dien asseblief B&GP-registrasies, of enige navrae, kommentaar of bekommernisse met betrekking tot hierdie aansoek, so gou moontlik in by EIMS by:

Kontak Persoon: Alexander Msipa

EIMS Verwysingsnommer: 1637

E-pos: [GlencoreRCM@eims.co.za](mailto:GlencoreRCM@eims.co.za)

Posadres: P.O. Box 2083; Pinegowrie; 2123

Telefoon: (011) 789 7170/ Faks: 086 571 9047

Sluit asseblief die projekverwysingsnommer 1637 by alle korrespondensie in



## NOTIFICATION : ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS

Glencore Operations South Africa (Pty) Ltd – Western Chrome Mines (WCM) (hereafter referred to as the Applicant) has appointed Environmental Impact Management Services (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of applications for:

**Applicant:** Glencore Operations South Africa (Pty) Ltd

**Application/s:** • National Environmental Management Act- NEMA (Act 107 of 1998- as amended); and  
• National Water Act – NWA (Act 36 of 1998).

**Location:** Kroondal mining operations are situated approximately 10 km east of Rustenburg, North-West Province. Mining at Kroondal has historically consisted of both opencast and underground mining. Currently, only underground mining is undertaken, and the old opencast areas have been closed and rehabilitated. The current underground mining is taking place in close proximity to the Clover Alloys RCM mining rights areas. Miners' underground travel time will be reduced by approximately 50% through Glencore WCM acquiring the surface rights on Portion 11 of the farm Rietfontein 338 JQ and mining right (MR336), which will in turn increase production and ensure the long-term survival of the business.

Glencore Western Chrome Mines (WCM) is in the process of acquiring some of the mining and surface rights from the Clover Alloys Rustenburg Chrome Mine (RCM) to reduce the time taken to travel to the face at its Kroondal Mine and increase the mining facetime which will in turn increase productivity. In addition to utilizing the existing infrastructure at Clover Alloys RCM, the applicant wishes to develop additional facilities to use in the life of mine. The proposed new developments as well as existing infrastructure include (but are not limited to):

A parking area for permanent employees and a parking area for visitors and contractors; Employee drop-off/pick-up zone; Salvage yard; Sewage plant; Use of existing Pollution Control Dam and licensing this dam under the NWA; Surface laydown area; Shaft laydown area/Explosives Delivery Bay; Meeting venue hall (Lekgotla Hall); Access roads and escape roads; Two water storage dams; Compressor house; One 11kV Powerline; Administration Offices; Change houses; Engineering workshop; Stores; and Temporary laydown area (historic LanXess Chrome Mining village area)

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Basic Assessment process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and applications. In order to ensure that you are identified and registered as an I&AP and that your comments are captured, please submit your name, contact details, and the reason for your interest, in writing or telephonically by no later than 15 November 2024 to EIMS. Please note that only registered I&APs will be informed of future project information and opportunities for participation.

By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regard to this application, as soon as possible to EIMS at:

Contact Person: Alexander Msipa

EIMS Reference Number: 1637

E-mail: [GlencoreRCM@eims.co.za](mailto:GlencoreRCM@eims.co.za)

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: 086 571 9047

Please include the project reference number 1637 in all correspondence.



Photo: African News Agency



**GENERAL NOTICE 415 OF 2024****NOTIFICATION : ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS**

Glencore Operations South Africa (Pty) Ltd – Western Chrome Mines (WCM) (hereafter referred to as the Applicant) has appointed Environmental Impact Management Services (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of applications for:

<b>Applicant:</b>	<b>Glencore Operations South Africa (Pty) Ltd</b>
<b>Application/s:</b>	<ul style="list-style-type: none"> <li>• National Environmental Management Act- NEMA (Act 107 of 1998- as amended); and</li> <li>• National Water Act – NWA (Act 36 of 1998).</li> </ul>
<b>Location:</b>	<p>Kroondal mining operations are situated approximately 10 km east of Rustenburg, North-West Province. Mining at Kroondal has historically consisted of both opencast and underground mining. Currently, only underground mining is undertaken, and the old opencast areas have been closed and rehabilitated. The current underground mining is taking place in close proximity to the Clover Alloys RCM mining rights areas. Miners' underground travel time will be reduced by approximately 50% through Glencore WCM acquiring the surface rights on Portion 11 of the farm Rietfontein 338 JQ and mining right (MR336), which will in turn increase production and ensure the long-term survival of the business.</p>

Glencore Western Chrome Mines (WCM) is in the process of acquiring some of the mining and surface rights from the Clover Alloys Rustenburg Chrome Mine (RCM) to reduce the time taken to travel to the face at its Kroondal Mine and increase the mining facetime which will in turn increase productivity. In addition to utilizing the existing infrastructure at Clover Alloys RCM, the applicant wishes to develop additional facilities to use in the life of mine. The proposed new developments as well as existing infrastructure include (but are not limited to):

A parking area for permanent employees and a parking area for visitors and contractors; Employee drop-off/pick-up zone; Salvage yard; Sewage plant; Use of existing Pollution Control Dam and licensing this dam under the NWA; Surface laydown area; Shaft laydown area/Explosives Delivery Bay; Meeting venue hall (Lekgotla Hall); Access roads and escape roads; Two water storage dams; Compressor house; One 11kV Powerline; Administration Offices; Change houses; Engineering workshop; Stores, and Temporary laydown area (historic LanXess Chrome Mining village area)

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Basic Assessment process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and applications. In order to ensure that you are identified and registered as an I&AP and that your comments are captured, please submit your name, contact details, and the reason for your interest, in writing or telephonically to EIMS within 30 days of this notice. Please note that only registered I&APs will be informed of future project information and opportunities for participation.

By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regard to this application, as soon as possible to EIMS at:

Contact Person: Alexander Msipa

EIMS Reference Number: 1637

E-mail: [GlencoreRCM@eims.co.za](mailto:GlencoreRCM@eims.co.za)

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: 086 571 9047

Please include the project reference number **1637** in all correspondence.



**ALGEMENE KENNISGEWING 415 VAN 2024****KENNISGEWING: OMGEWINGSMAGTIGING AANSOEKPROSES**

Glencore Operations South Africa (Edms) Bpk – Western Chrome Mines (WCM) (hierna na verwys as die Aansoeker) het Environmental Impact Management Services (EIMS) as die Omgewingsassesseringspraktisyn (EAP) aangestel om te assisteer met die onderneming van die vereiste magtigingsprosesse (insluitend die statutêre publieke deelname), en om die vereiste dokumentasie saam te stel en in te dien ter ondersteuning van aansoeke vir:

**Aansoeker:** Glencore Operations South Africa (Edms)

**Aansoek/s:**

- Wet op Nasionale Omgewingsbestuur- WNOB (Wet 107 van 1998- soos gewysig); en
- Nasionale Waterwet – NWA (Wet 36 van 1998).

**Ligging:** Kroondal mynbedrywighede is ongeveer 10 km Oos van Rustenburg, Noordwes Provinsie, geleë. Mynbou by Kroondal het histories bestaan uit beide oopgroef- en ondergrondse mynbou. Tans word slegs ondergrondse mynbou onderneem, en die ou oopgroef areas is gesluit en gerehabiliteer. Die huidige ondergrondse mynbou vind plaas in die omgewing van die Clover Alloys RCM-mynregtegebiede. Mynwerkers se ondergrondse reistyd sal met ongeveer 50% verminder word deurdat Glencore WCM die oppervlakregte op Gedeelte 11 van die plaas Rietfontein 338 JQ en mynreg (MR336) bekom, wat op sy beurt produksie sal verhoog en die langtermyn-volhoubaarheid van die besigheid sal verseker

Glencore Western Chrome Mines (WCM) is besig om van die mynbou- en oppervlakregte van die Clover Alloys Rustenburg Chrome Mines (RCM) te verkry, om die tyd wat dit neem om na die aansig by sy Kroondal-myn te reis, te verminder en die mynbou-aansigtyd te verhoog, wat op sy beurt die produktiwiteit sal verhoog. Benewens die gebruik van die bestaande infrastruktuur by Clover Alloys RCM, wil die aansoeker bykomende fasiliteite ontwikkel om in die lewe van myn te gebruik. Die voorgestelde nuwe ontwikkelings sowel as bestaande infrastruktuur sluit in (maar is nie beperk nie tot):

'n Parkeerarea vir permanente werknemers en Parkeerarea vir besoekers en kontrakteurs; Werknemer aflaai/optel sone; Bergingswerf; Riolaanleg; Gebruik van bestaande Besoedelingsbeheerdam en lisensiëring van hierdie dam onder die NWA; Oppervlakte neerlê area; Skag neerlê area/Plofstof Afleweringsbaai; Vergaderlokaal (Lekgotla-saal); Toegangspaaie en noodpaaie; Twee wateropgaardamme; Kompressorhuis; Een 11kV-kraglyn; Administrasiekantore; Kleedkamers; Ingenieurswerkswinkel; Store, en Tydelike neerlê-area (historiese LanXess Chrome-myndorp-gebied).

EIMS sal die prosedures volg wat in die Omgewingsimpakbepaling (OIB) Regulasies (GRN982 van 2014, soos gewysig) omskryf is om 'n Basiese Evalueringsproses te onderneem. In ooreenstemming met Hoofstuk 6 van die OIB-regulasies, sal 'n publieke deelnameproses onderneem word. U word hiermee uitgenooi om te registreer en kommentaar te lewer op die voorgestelde projek en aansoeke. Om te verseker dat jy geïdentifiseer en geregistreer is as 'n B&GP en dat jou kommentaar vasgelê word, dien asseblief jou naam, kontakbesonderhede, en die rede vir jou belangstelling, skriftelik of telefonies aan EIMS binne 30 dae vanaf hierdie kennisgewing in. Neem asseblief kennis dat slegs geregistreerde B&GPe ingelig sal word oor toekomstige projekinligting en geleenthede vir deelname.

Deur te registreer as 'n belanghebbende en geaffekteerde party stem jy in tot die insameling en verwerking van jou persoonlike inligting soos per die EIMS Privaatheidskennisgewing beskikbaar by [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). Om te verhoed dat geleenthede vir publieke deelname misgeloop word, dien asseblief B&GP-registrasies, of enige navrae, kommentaar of bekommernisse met betrekking tot hierdie aansoek, so gou moontlik in by EIMS by:

Kontak Persoon: Alexander Msipa

EIMS Verwysingsnommer: 1637

E-pos: [GlencoreRCM@eims.co.za](mailto:GlencoreRCM@eims.co.za)

Posadres: P.O. Box 2083; Pinegowrie; 2123

Telefoon: (011) 789 7170/ Faks: 086 571 9047

Sluit asseblief die projekverwysingsnommer **1637** by alle korrespondensie in.



## Site Notice:

## NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESSES FOR THE PROPOSED GLENORE WCM KROONDAL MINE INFRASTRUCTURE, RUSTENBURG MUNICIPALITY, NORTH WEST PROVINCE

Glenore Operations South Africa (Pty) Ltd – Western Chrome Mines (WCM) [hereafter referred to as the Applicant] has appointed Environmental Impact Management Services (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of applications for: National Environmental Management Act- NEMA (Act 107 of 1998 as amended); and National Water Act – NWA (Act 36 of 1998). Additional listed activities and/or water uses may be identified during the application processes.

Glenore Western Chrome Mines (WCM) is in the process of acquiring some of the mining and surface rights from the Clover Alloys Rustenburg Chrome Mine (RCM) to reduce the time taken to travel to the face at its Kroondal Mine and increase the mining face length which will in turn increase productivity. In addition to utilising the existing infrastructure at Clover Alloys RCM, the applicant wishes to develop additional facilities to use in the life of mine. The proposed new developments as well as existing infrastructure include (but are not limited to):

A parking area for permanent employees and a parking area for visitors and contractors; Employee drop-off/pick-up zone; Salvage yard; Sewage plant; Use of existing Pollution Control Dam and licensing this dam under the NWA; Surface laydown area; Shaft laydown area/Explosives Delivery Bay; Meeting venue hall (Lengosta Hall); Access roads and escape roads; Two water storage dams; Compressor house; One 11kV Powerline; Administration Offices; Change houses; Engineering workshop; Stores; and Temporary laydown area (historic Lantless Chrome Mining village area)

Kroondal mining operations are situated approximately 10 km east of Rustenburg, North-West Province. Mining at Kroondal has historically consisted of both opencast and underground mining. Currently, only underground mining is undertaken, and the old opencast areas have been closed and rehabilitated. The current underground mining is taking place in close proximity to the Clover Alloys RCM mining rights areas. Miners' underground travel time will be reduced by approximately 50% through Glenore WCM acquiring the surface rights on Portion 11 of the farm Rietfontein 332 JG and mining right (MR336), which will in turn increase production and ensure the long-term survival of the business.

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Basic Assessment process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and applications. In order to ensure that you are identified and registered as an I&AP and that your comments are captured, please submit your name, contact details, and the reason for your interest, in writing or telephonically by no later than 15 November 2024 to EIMS. Please note that only registered I&APs will be informed of future project information and opportunities for participation. By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regard to this application, as soon as possible to EIMS.

## KENNISGEWING MET BETREKKING TOT GELEENTHEID OM DEEL TE NEEM AAN OMGEWINGSMAGTING AANSOEKPROSESSE VIR DIE VOORGESTELDE GLENORE WCM KROONDAL MYNINFRASTRUKTUUR, RUSTENBURG MUNISIPALITEIT, NOORDWES PROVINSIE

Glenore Operations South Africa (Pty) Ltd – Western Chrome Mines (WCM) [hierna na verwys as die Aansoeker] het Environmental Impact Management Services (EIMS) as die Omgewingsassesseringspraktisyn (EAP) aangestel om te assisteer met die onderneming van die vereiste magtigingsprosesse (insluitend die statutêre publieke deelname), en om die vereiste dokumentasie saam te stel en in te dien ter ondersteuning van aansoek vir Wet op Nasionale Omgewingsbestuur- WNOS [Wet 107 van 1989-2005 gewysig]; en Nasionale Waterwet – NWA (Wet 36 van 1998). Bykomende geïntegreerde en/of watergebruik kan tydens die aansoekproses geïdentifiseer word.

Glenore Western Chrome Mines (WCM) is besig om van die mynbou- en oppervlakte van die Clover Alloys Rustenburg Chrome Mines (RCM) te verkry, om die tyd wat dit neem om na die aanleg by 'n Kroondal myn te reis, te verminder en die mynbou-aanleg te verhoog, wat op sy beurt die produktiwiteit sal verhoog. Benewens die gebruik van die bestaande infrastruktuur by Clover Alloys RCM, wil die aansoeker bykomende fasiliteite ontwikkel om in die lewens van myn te gebruik. Die voorgestelde nuwe ontwikkelings sowel as bestaande infrastruktuur sluit in (maar is nie beperk nie tot):

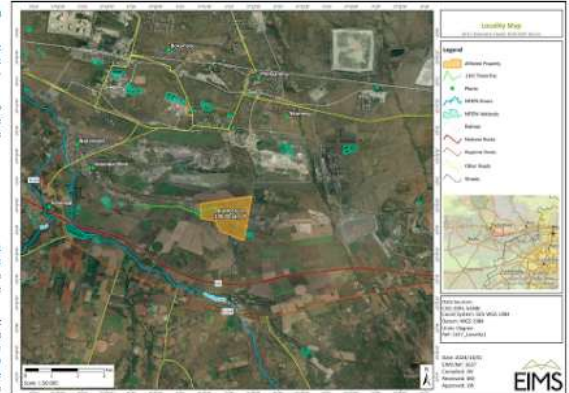
'n Parkeerarea vir permanente werknemers en Parkeerarea vir besoekers en kontrakteurs; Werknemers afhaal/opstel zone; Bergingswerf; Ruimtelike gebruik van bestaande Besoedelingsoordam en lisensiering van hierdie dam onder die NWA; Oppervlakte reërlêre; Skag reërlêre area/Portaal Afweringstank; Vergoedingskanal (Lengosta-kanal); Toegangsroete en noodroete; Twee wateropslaaanname; Kompressorhuis; Een 11kV-lyn; Administrasiekantore; Kleedkamers; Ingenieurswerkswinkel; Store; en Tydelike reërlêre-areas (historiese Lantless Chrome-mynstadp-gebied)

Kroondal mynboudigtheid is ongeveer 10 km Oos van Rustenburg, Noordwes Provinsie, geleë. Mynbou by Kroondal het histories bestaan uit beide oopgruf- en ondergrondse mynbou. Tans word slegs ondergrondse mynbou onderneem, en die ou oopgruf areas is gesluit en gerehabiliteer. Die huidige ondergrondse mynbou vind plaas in die omgewing van die Clover Alloys RCM-mynreëlgebiede. Mynwerkers se ondergrondse reistyd sal met ongeveer 50% verminder word deurdat Glenore WCM die oppervlakte op Gedeelte 11 van die plaas Rietfontein 332 JG en mynreg (MR336) bekom, wat op sy beurt produktie sal verhoog en die langtermyn-volhoubaarheid van die bedryf sal verseker.

EIMS sal die prosedures volg wat in die Omgewingsimpelbeeping (OIB) Regulasies (GRN982 van 2014, 2005 gewysig) omskryf is om 'n Basiese Evaluasieproses te onderneem. In ooreenstemming met Hoofstuk 6 van die OIB-regulasies, sal 'n publieke deelnameproses onderneem word. U word hiermee uitgenodig om te registreer en kommentaar te lewer op die voorgestelde projek en aansoek. Om te verseker dat jy geïdentifiseer en geregistreer word as 'n B&G, en dat jou kommentaar ingesluit word, dien asseblief jou naam, kontakbesonderheite, en die rede vir jou belangstelling, aandrif of telefoniese nie later nie as 15 November 2024 by EIMS in. Neem asseblief kennis dat slegs geregistreerde B&G's ingelig sal word oor toekomstige projekinligting en geleenthede vir deelname. Deur te registreer as 'n belanghebbende en geaffekteerde party stem jy in tot die insameling en verwerking van jou persoonlike inligting soos per die EIMS Privatsheidskennisgewing beskikbaar by [www.eims.co.za/public-participation](http://www.eims.co.za/public-participation). Om te verhoed dat geïntendeerde publieke deelname misloop word, dien asseblief B&G-registries, of enige navrae, kommentaar of bekommernisse met betrekking tot hierdie aansoek, so gou moontlik in by EIMS by.

Contact Person/ Kontak Persoon: Alexander Msipa  
EIMS Reference Number/ EIMS Verwysingsnommer: 1637  
Postal Address/ Posadres: P.O. Box 2083, Pinegowrie 2123

Fax/ Faks: (086) 571 9047  
E-mail/ E-pos: [GlenoreRCM@eims.co.za](mailto:GlenoreRCM@eims.co.za)  
Telephone/ Telefoon: (011) 789 7170

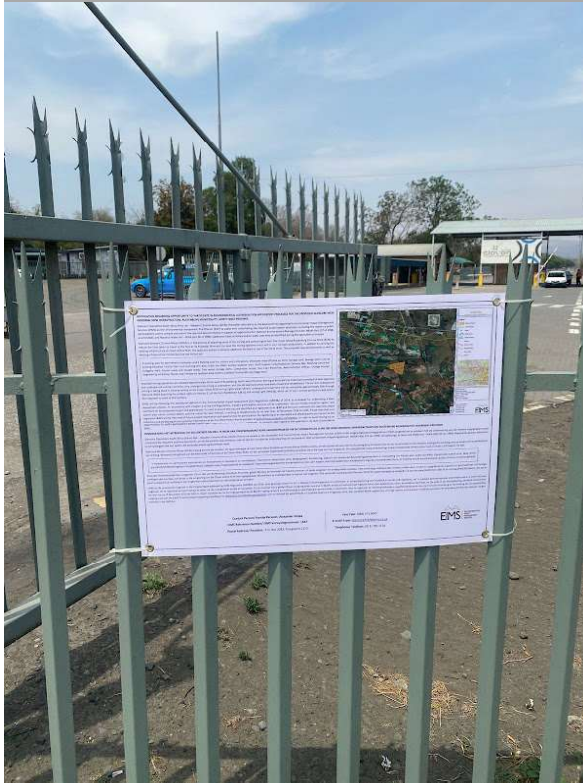


**Locality Map:**



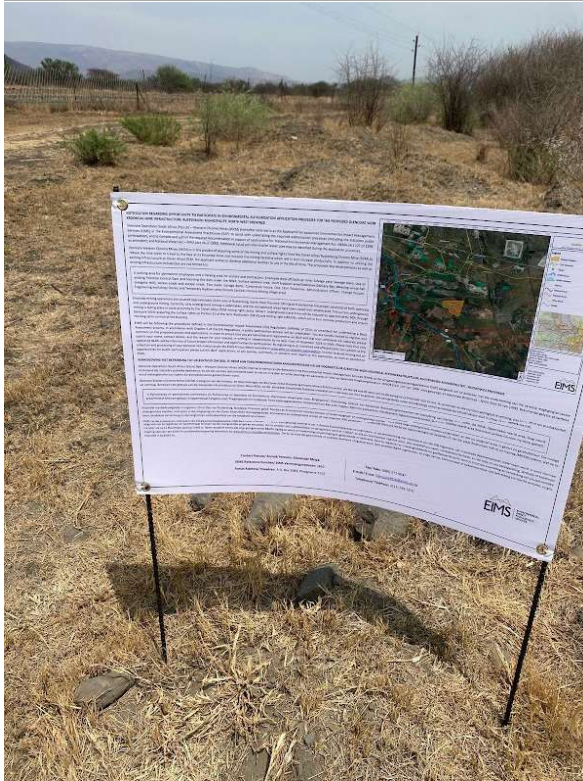


**A1 Notice: 15/10/2024 11:20:54; GPS Coordinates: -25.722290, 27.374130**



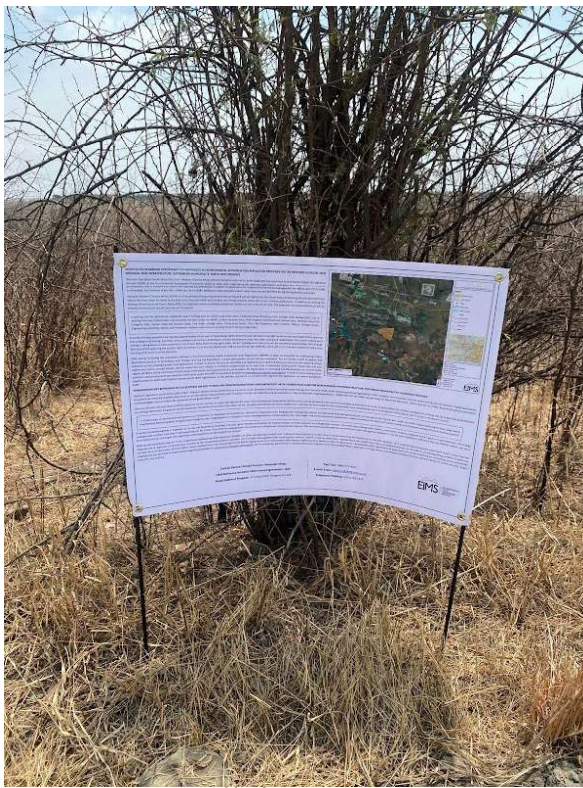
**Entrance to RCM Mine Offices**

**A1 Notice: 15/10/2024 11:33:55; GPS Coordinates: -25.723550, 27.363500**



**Boundary fence where new Access Road Will Be**

**A1 Notice: 15/10/2024 11:42:12; GPS Coordinates: -25.723997, 27.359812**



T-Junction next to proposed laydown area.

A1 Notice: 15/10/2024 11:55:14; GPS Coordinates: -25.721409, 27.335447



End of Powerline Route (Project Boundary)





## ***NOTIFICATION OF PAYMENT***

To Whom It May Concern:

First National Bank hereby confirms that the following payment instruction has been received:

---

Date Actioned	: 2025/07/22
Time Actioned	: 09:28:56
Trace ID	: J9FJ16WN

### **Payer Details**

Payment From	: *Environmental Impact M Ment Serv (pty)
Cur/Amount	: 2,000.00

### **Payee Details**

Recipient/Account No	: . . 160572
Name	: Department of Minera
Bank	: ABSA BANK LIMITED
Branch Code	: 632005
Reference	: NW30/5/1/2/3/2/1/254EM

*END OF NOTIFICATION*

---

To authenticate this Payment Notification, please visit the First National Bank website at [fnb.co.za](http://fnb.co.za), select the "Verify Payments" link and follow the on-screen instructions.

Our customer (the payer) has requested First National Bank Limited to send this notification of payment to you. Should you have any queries regarding the contents of this notice, please contact the payer. First National Bank Limited does not guarantee or warrant the accuracy and integrity of the information and data transmitted electronically and we accept no liability whatsoever for any loss, expense, claim or damage, whether direct, indirect or consequential, arising from the transmission of the information and data.

---