



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Application for Amendment of Environmental Authorisation and Waste Management Licence

Application for amendment of an environmental authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and Waste Management Licence in terms of National Environmental Management Waste Act, 2008 (Act No. 59 of 2008) as amended, and the Environmental Impact Assessment Regulations of 2014.

Kindly note that:

1. This form must be used to apply for the amendment of an environmental authorisation and Waste Management Licence. An amendment includes:
 - a) adding, substituting, removing or changing a condition or requirement of an environmental authorisation and Waste Management Licence, or
 - b) updating or changing any details or correcting a technical error.
2. This form is current as of 08 December 2014. It is the responsibility of the Applicant / EAP to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
3. The required information 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. It is in the form of a table that can extend itself as each space is filled with typing.
4. Incomplete applications may be rejected or returned to the applicant for amendment.
5. The use of "not applicable" in the form must be done with circumspection. Where it is used in respect of material information that is required by the competent authority for assessing the application, this may result in the rejection of the application as provided for in the regulations.
6. **No faxed or e-mailed applications will be accepted.**
7. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the competent authority. Upon request during any stage of the application process, the applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
8. This form must be submitted to the Department at the postal address given below or by delivery thereof to the Registry Office of the Department. Should the application form and attached reports not be submitted to the addresses given below it will be rejected.
9. Proof of payment of the prescribed fee of R 2 000 must accompany the submission of this form, unless exclusion applies (see section 1 below). The application will not be processed without proof of payment

unless one of the exclusions provided for in the fee Regulations is applicable and such information in the exclusion section of this application form has been confirmed by this Department.

10. **DEPARTMENTAL DETAILS**

Addresses :

Department of Mineral Resources
Attention: Regional Manager: Mineral Regulation

Postal Address

Department of Mineral Resources
Private Bag A1
KLERKSDORP
2570

Physical address:

Cnr Margaretha Prinsloo and Voortrekker Street
Vaal University of Technology Building
Klerksdorp
2571

Queries must be directed to the Directorate: Mineral Regulation at :

Tel: 018 487 4300,

1. PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, exclusion applies. Proof and a motivation for exclusions must be attached as **Appendix 1** of this application form.

Proof of payment attached as **Appendix 1** ☒

Exclusion applies ☐

An applicant is excluded from paying fees if:

- The activity is a community based project funded by a government grant; or
- The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
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The activity is a community based project funded by a government grant	
The applicant is an organ of state	

Department of Mineral Resources details for the payment of application fees

Payment Enquiries:

Tel: 018 487 4300
Email: Phumudzo.Nethwadi@dmr.gov.za

Banking details:

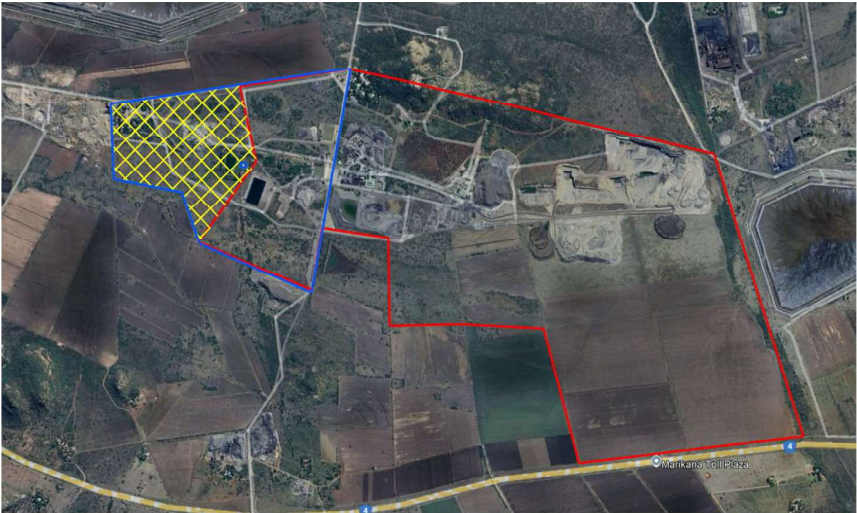
CREDIT: Department of Mineral Resources
BANK: ABSA Bank
Branch Code: 632005
Account number: 40-5916-0572

Reference number : NW /30/5/1/2/3/2/1/254EM

2. APPLICATION DETAILS

Name of person to whom the environmental authorisation was issued:	Glencore Operations South Africa (Pty) Ltd		
Contact person:	Naudene le Roux		
Postal address:	PO Box 310		
	Kroondal		
	Postal code:0350		
Telephone:		Cell:	082 561 0217
E-mail:	naudene.leroux@glencore.co.za	Fax:	
Environmental Assessment Practitioner (EAP):	Environmental Impact Management Services (Pty) Ltd (EIMS)		
Contact person:	Brian Whitfield		
Postal address:	PO Box 2083		
	Pinetown		
	Postal code: 2123		
Telephone:	+27 11 789 7170	Cell:	+27 82 688 9850
E-mail:	brian@eims.co.za	Fax:	+27 86 571 9047
EAP Qualifications:	BSc (Botany and Zoology): University of the Witwatersrand, 1996-1998 BSc Honours (Botany): University of the Witwatersrand, 1999		
EAP Registrations/Associations :	Registered Professional Natural Scientist (SACNASP- #400447/13). Registered Environmental Assessment Practitioner - EAP (2022/4496) with the EAPASA		

Name of landowner if the person to whom the environmental authorisation has been issued is not the owner:	Lanxess Chrome Mining (Pty) Ltd (Now Rustenburg Chrome Mining (Pty) Ltd)		
Contact person:	Boetie Swanepoel		
Postal address:	Portion 23 of the Farm Rietfontein 338JQ		
	Rustenburg, North West		
	Postal code: 0299		
Telephone:		Cell:	083 303 9823
E-mail:	boetie@cloveralloys.co.za	Fax:	
	In instances where there is more than one landowner, please attach a list of landowners with their contact details to the back of this page, together with copies of the notices given to these landowners about the amendment application.		

<p>Project Description:</p>	<p>Glencore Operations South Africa (Pty) Ltd (Glencore) and Merafe Ferrochrome and Mining (Pty) Ltd is in the process of acquiring a portion of the mining and surface rights from Rustenburg Chrome Mining (Pty) Ltd (RCM) (Previously Lanxess Chrome Mining (Pty) Ltd) 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.</p> <p>Glencore's current Environmental Authorisation must be amended to include the current infrastructure and activities on Portion 62 of the Farm Rietfontein 338JQ (previously portion 11) as approved in the Environmental Authorisation of RCM. In addition to utilizing the existing authorised infrastructure at RCM on Portion 62 of the Farm Rietfontein 338JQ (previously Portion 11 of the Farm Rietfontein 338JQ), Glencore wishes to develop additional facilities on the acquisition area to complement the existing facilities which will aid in the life of mine plan. The existing infrastructure includes (but are not limited to):</p> <ul style="list-style-type: none">• A parking area• Incline conveyor shaft and stockpile area• Access and escape roads• Two water storage dams• Powerline (<33kV)• Offices, change houses, workshop and stores• Pollution Control Dam called Crocodile Dam (to be decommissioned by Glencore WCM)• Historic/existing LanXess Chrome Mining village area <p>The figures below provide an overview of the existing RCM surface operations (Figure 1), the Glencore acquisition area of Portion 62 (Figure 2) and the existing infrastructure within the portion of Portion 62 that Glencore wishes to transfer from the RCM EA into Glencore's name (Figure 3).</p> <div data-bbox="534 1140 1394 1650">An aerial photograph of a rural landscape with agricultural fields and some buildings. Overlaid on the image are three distinct areas outlined with colored lines. A large area on the right is outlined in red. A smaller area on the left is outlined in blue. A third area, located between the blue and red areas, is filled with a yellow cross-hatch pattern. A road runs horizontally across the bottom of the image, with a small label 'Markand Toll Plaza' visible on the right side.</div> <p>Figure 1: RCM surface rights (to be retained) shown in RED, Area previously known and registered as Portion 11 of the Farm Rietfontein 338JQ shown in BLUE and Glencore acquisition of Portion 62 of the Farm Rietfontein 338JQ shown in YELLOW hatched area.</p>
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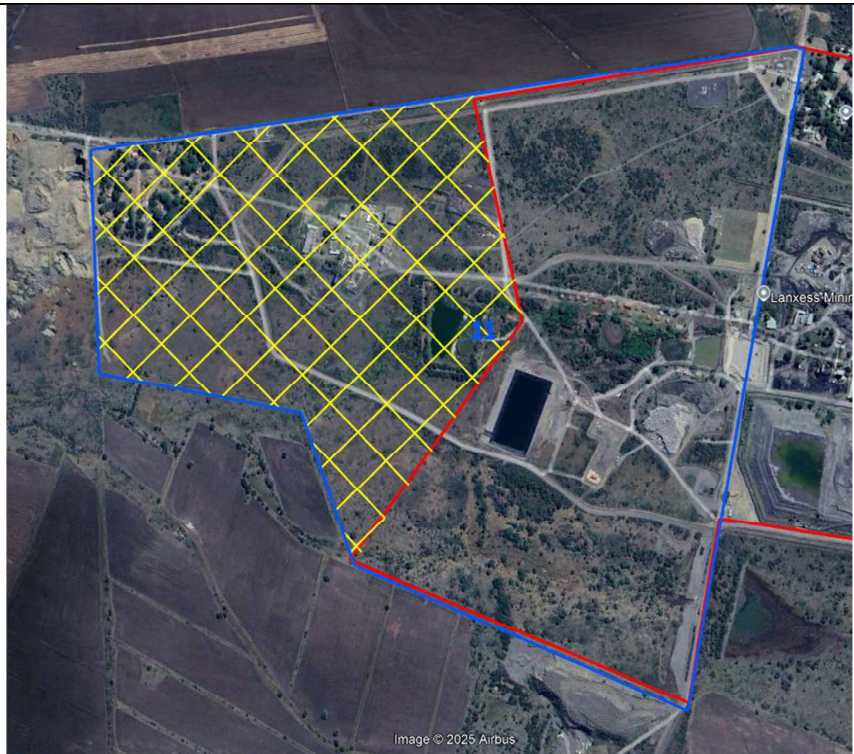


Figure 2: Area Previously registered as Portion 11 of the Farm Rietfontein 338JQ shown in BLUE and Glencore acquisition of Portion 62 of the Farm Rietfontein 338JQ shown in YELLOW hatched area.

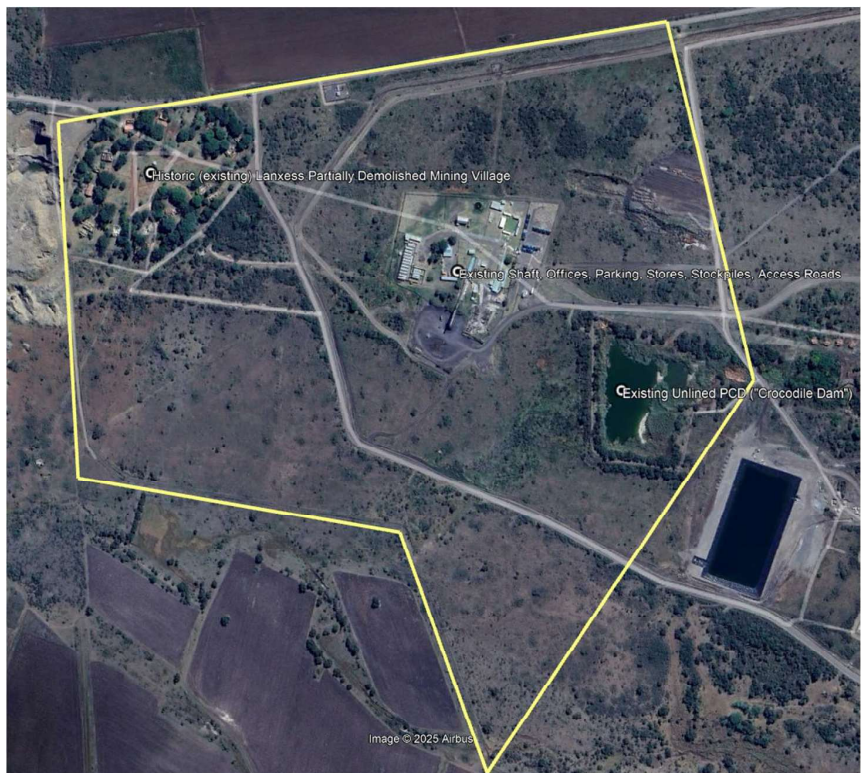


Figure 3: Portion 62 of the Farm Rietfontein 338JQ shown in YELLOW outline which is to be acquired by Glencore and represents the EA transfer area with the associated existing infrastructure.

Farm name, Erf No., portion etc:	Portion 62 of the farm Rietfontein 338 JQ
Physical address where authorised activity is taking or will take place:	Portion 62 of the farm Rietfontein 338 JQ 25°43'33.74"S, 27°21'41.65"E
Magisterial District or Town:	Rustenburg Local Municipality; Bojanala Platinum District Municipality
Departmental reference number of the previous environmental authorisation in respect of which an amendment is applied for:	Authorised activities relating to the RCM west shaft must be transferred from the EA for NW 30/5/1/2/3/2/1/ 336 MR to the EA for NW30/5/1/2/2/254MR.
Date of issue of environmental authorisation:	Last amendment authorisation dated 13 October 2022
Activity/ies for which authorisation was granted:	<p>Opencast and underground mining activities with associated infrastructure on the following farm portions:</p> <ul style="list-style-type: none"> • Portion 95 of Kroondal 304 JQ • Portion 96 of Kroondal 304 JQ • Portion 97 of Kroondal 304 JQ • Portion 98 of Kroondal 304 JQ • Remainder Portion of Klipfontein 300 JQ • Portion 1 of Rietfontein 338 JQ • Portion 10 of Rietfontein 338 JQ • <u>Portion 11 of Rietfontein 338 JQ</u> • Portion 14 of Rietfontein 338 JQ • Portion 32 of Rietfontein 338 JQ • Portion 34 of Rietfontein 338 JQ • Remainder Portion 1 of Rietfontein 338 JQ • Portion 1 of Spruitfontein 341 JQ • Portion 17 of Brakspruit 299 JQ • Portion 18 of Brakspruit 299 JQ • Portion 19 of Brakspruit 299 JQ • Remainder of portion 12 of Brakspruit 299 JQ • Remainder Portion 19 of Brakspruit 299 JQ
Please Note: A certified copy of the environmental authorisation must be attached to this application as Appendix 2.	

3. DETAILS OF IMPLEMENTATION OF PREVIOUS ENVIRONMENTAL AUTHORISATION

Was the activity commenced with during the validity period of the environmental authorisation? If yes, please describe the implementation of the previous environmental authorisation to date:	YES	
Yes the activity commenced prior to the 10-year expiry of the EA as defined in Condition 3.32 considering that the EA is dated 24 May 2018 (i.e. the expiry date would have been in 24 May 2028). Chrome was first		

discovered by RCM on the Farm Rietfontein 338 JQ in 1865 and has been operating as an underground mining operation since 1949. RCM is renowned for its quality orebody, which hosts both the Lower Group (LG) and Middle Group (MG) reef horizons. The mine employs underground and open cast mining and also treat historical tailings. The mine produces chrome concentrate and Platinum Group Metals (PGM's) from the ore through a crushing, milling and washing process. The main chrome concentrates produced includes Foundry sands, Chemical and Metallurgical grades which are exported to international markets.

4. AMENDMENTS APPLIED FOR AND RELATED INFORMATION

Please indicate which of the following is relevant:

4.1. The holder of an environmental authorisation may at any time apply to the relevant competent authority for the amendment of the authorisation if:

(a) there is a material change in the circumstances which existed at the time of the granting of the environmental authorisation;		NO
(b) there has been a change of ownership in the property and transfer of rights and obligations must be provided for; or	YES	
(c) any detail contained in the environmental authorisation must be amended, added, substituted, corrected, removed or updated.		NO

4.2. Describe the amendments that are being applied for:

A split transfer of the existing EA activities covering the existing infrastructure on Portion 62 of the farm Rietfontein 338 JQ into Glencore's name. Portion 11 will be sub-divided with only a portion transferred to Glencore (being Portion 62) while the remaining extent of Portion 11 will remain under the original ownership. The remaining authorised EA activities outside of Portion 62 as well as the larger RCM mining extent will remain with RCM.

This amendment application does not include any new activities that have not previously been assessed and therefore a Part 1 Amendment to the EA is applicable (Regulation 29 of the NEMA EIA Regulations).

4.3. Please provide the reasons and/or a motivation for the application for amendment:

Glencore is acquiring Portion 62 of the farm Rietfontein 338 JQ from RCM and therefore require the transfer of certain authorised activities into their name.

4.4. Should the amendment being requested result due to 4.1 (b) above, you are requested to furnish the Department with a written undertaking that the new holder of the environmental authorisation is willing and able to assume responsibility of the environmental authorisation issued. Provide a short motivation and explanation below:

Glencore is acquiring Portion 62 of the farm Rietfontein 338 JQ from RCM and therefore require the transfer of certain authorised activities into their name. Information on the transfer is detailed in 4.2 above.

See attached letter in **Appendix 3**

5. ENVIRONMENTAL IMPACTS

5.1. Describe any negative environmental impacts that may occur if the application for amendment is granted, amongst others information on any increases in air emissions, waste generation, discharges to water and impacts of the natural or cultural environment must be included.

Not applicable – no new environmental impacts will occur due to this transfer. Please note that a separate EA application is underway for proposed new infrastructure which on their own triggers listed activities however this is a separate application process which is not included as part of this amendment application.

5.2. Describe any negative environmental impacts that may occur if the application for amendment is **not** granted.

Not applicable.

5.3. Describe any positive environmental impacts that may occur if the application for amendment is granted, amongst others information on any reduction in the ecological footprint, air emissions, waste generation and discharges to water must be included.

Not applicable. This amendment is for the transfer of part of the Environmental Authorisation from RCM to Glencore.

6. AUTHORISATION FROM OTHER GOVERNMENT DEPARTMENTS

6.1. Are any permission, licenses or other authorisations required from any other departments before the requested amendments can be effected?

YES

If yes, please complete the table below.

Name of department and contact person	Authorisation required	Authorisation applied for (Yes/ No)
Department of Water and Sanitation (DWS) Contact Person: Litshani Magoba (MagobaL@dws.gov.za)	Transfer of certain existing water uses from the approved RCM Water Use Licence into the name of Glencore Note that this transfer is being undertaken through a new Water Use Licence Application which is currently underway. A similar WUL application is underway on the RCM side to remove these water uses from their existing licence.	Yes

7. RIGHTS OR INTERESTS OF OTHER PARTIES

In your opinion, will this proposed amendment adversely affect the rights and interests of other parties?

NO

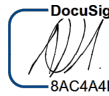
Please provide a detailed motivation of your opinion.
This application is for an administrative transfer or splitting of existing rights and authorisations. No new impacts (positive or negative) are anticipated to occur on the receiving environment as a result of this amendment application. Therefore it is our considered opinion that this application will not have any adverse effect of the rights and/or interests of other parties.

NOTE: The Department is entitled to request further information if it believes it is necessary for the consideration of the application. If the application is for a substantive amendment or if the rights or interests of other parties are likely to be adversely affected, the Department will instruct the applicant to conduct a public participation process and to conduct any investigations and assessments that it deems necessary.

8. DECLARATION:

I,**Richard Vermeulen**.....declare that I will comply with all my legal obligations in terms of this application and provide accurate information to everyone concerned in respect to this application.

Signature of the applicant: DocuSigned by:


8AC4A4B3829D4C6...

Name of company or organisation: **Glencore Operations South Africa (Pty) Ltd**

Date: 2025/07/22

APPENDIX 1
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION



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, 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.

APPENDIX 2
CERTIFIED COPY OF ENVIRONMENTAL AUTHORISATION



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

DMR 10

Private Bag A1, Klerksdorp, 2570, Tel: (018) 487 4300, Fax: (018) 487 3494
Cnr Margaret and Voortrekker Street, Vaal University Building, Klerksdorp, 2571

From: Directorate Mineral Regulation: North West
Enquiries: Mr. T Phalala Email: tshilidzi.phalala@dmr.gov.za
Sub Directorate: Mine Environmental Management Ref: (NW) 30/5/1/2/3/2/1/254 EM
(NW) 30/5/1/2/3/2/1/250 EM
(NW) 30/5/1/2/3/2/1/251 EM
(NW) 30/5/1/2/3/2/1/273 EM

The Manager

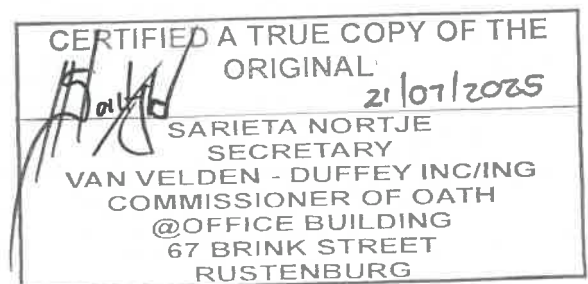
GLENCORE OPERATIONS SOUTH AFRICA (PTY) LTD

P.O.Box 310

Kroondal

0350

Attention:



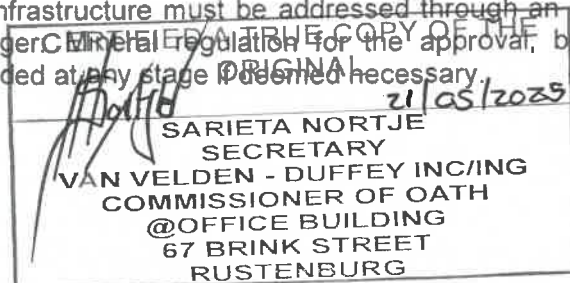
APPROVAL OF ENVIRONMENTAL MANAGEMENT PROGRAMME IN TERMS OF SECTION 102 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) WHICH IS NOW REGARDED AS ENVIRONMENTAL AUTHOTISATION BY GLENCORE OPERATIONS SOUTH AFRICA (PTY) LTD TO INCLUDE REMOVAL AND /OR PROCESSING OF THE TAILINGS DUMP AND PLATINUM GROUP METALS FROM CHROME PLANT UNDERFLOW, NICKEL ORE, COPPER ORE, COBALT ORE, IRON ORE AND SILVER ORE (EXCLUDING PLATINUM GROUP METALS AND MINERALS MINED WITH PLATINUM GROUP METALS FOUND IN THE UG2 AND MERENSKY REEFS), ADDITIONAL OF TAILINGS DAM, WASTE ROCK AREA AND MINING AREA (KNOWN AS THE OPTIONS AREA) IN RESPECT OF PORTIONS 24, 26, 45, 46, 47, 50, 51, 91, A PORTION OF PORTIONS 13, 41, 43, 44, MINERAL AREAS 2, 4, 6, 8, 9, 10, 22 (PORTION OF MINERAL AREA NO.1), 23 (PORTION OF MINERAL AREA NO.3), 24 (PORTION OF MINERAL AREA 5), 25 (PORTION OF MINERAL AREA 7), PORTION OF PORTION 91, PORTION OF THE REMAINING EXTENT OF PORTION 92, PORTION OF PORTION 102 (A PORTION OF PORTION 92), PORTION OF PORTION 93, PORTION OF THE REMAINING EXTENT OF PORTION 94, REMAINING EXTENT OF MINERAL AREA 11 (A PORTION OF PORTION 95), REMAINING EXTENT OF THE MINERAL 12 (PORTION OF PORTION 97), REMAINING EXTENT OF THE MINERAL AREA 13 (A PORTION OF PORTION 98), REMAINING EXTENT OF MINERAL AREA 14 (A PORTION OF PORTION 96) ALL OF THE FARM KROONDAL 304 JQ, REMAINING EXTENT OF THE FARM KROONDAL 304 JQ, REMAINDER OF PORTION 2, REMAINDER OF PORTION 4 AND PORTION 5 OF THE FARM KLIPFONTEIN 330 JQ, THE FARM WATERVAL 303 JQ, PORTIONS 53, 122, 132, 170, 172, 167 AND REMAINING EXTENT OF PORTIONS 76, 86, 91,

AND 92 OF THE FARM KROONDAL 304 JQ, SITUATED IN THE MAGISTERIAL DISTRICT OF RUSTENBURG, NORTH WEST PROVINCE.

Kindly note that the EMPr stipulates Environmental Management Programme and a copy thereof should always be available on site.

The EMPr has been approved under the following conditions which must be adhered to:

1. All mining activities must take place in accordance with the approved EMPr.
2. All available topsoil must be stripped and stockpiled separately prior to any surface disturbance.
3. No mining activities and infrastructure are allowed within 1:50 flood line or 100 meters from the edge of the river whatever is the greater, without the necessary authorization from Department of Water Affairs (DWA).
4. All mining waste must be taken back to the excavation area for backfilling purposes.
5. **Glencore Operations South Africa (Pty) Ltd** (the company) is responsible for all surface disturbances on the mining area, which includes all historical surface disturbances.
6. No mining waste will be allowed to be deposited in a natural drainage lines, erosion gullies and or dongas, unless agreed thereto in writing with the Regional Manager.
7. No dump structures must be left on surface; this includes topsoil stockpiles, overburden stockpiles, waste rocks stockpiles, tailings dumps and slime dams.
8. All excavations must be backfilled to the natural surface level, if a bulk factor exist it must be accommodated on the total area of disturbance.
9. A surveyed plan must be submitted every year to the Regional Manager that indicates:
 - The position, footprints and volumes of all topsoil stockpiles, overburden dumps, waste rock dumps and slime dams (any structures that is above the natural surface).
 - The positions, surface areas and depths of all open pits.
 - The positions and surface areas of all rehabilitated areas (please indicate the status of rehabilitation-backfilled, profiled/landscaped, top soiled, vegetated or monitoring and managing).
10. The rehabilitation fund must be upgraded or revised on an annual basis according to the surveyed plan, which indicates the progress in rehabilitation.
11. Monitoring must be conducted on a continuous basis.
12. Performance assessment report as contemplated section 24Q of the National Environmental Management Act, 1998 (Act No.107 of 1998) must be submitted every two years to the Regional Manager: Mineral Regulation.
13. Any project, expansions or additional infrastructure must be addressed through an addendum and submitted to the Regional Manager: Mineral Regulation for the approval, before they commerce. This approval may be amended at any stage deemed necessary.



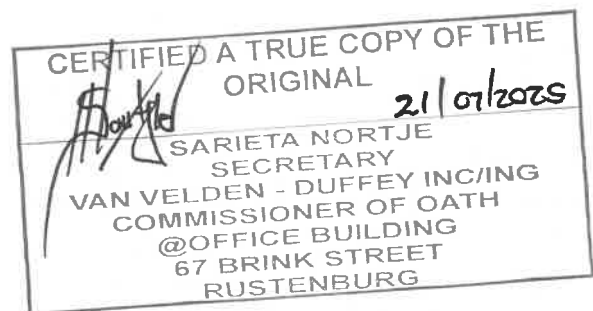
14. Should any archaeological artefact be exposed during the mining activities in the vicinity of findings it must be stopped. Under no circumstances shall any artefact be destroyed. Such an archaeological site must be marked and fenced off, and South African Heritage Agency must be contacted as soon as possible.
15. This approval does not purport to absolve your company from its common law obligations towards the surface rights holder or any other affected party.
16. The following Acts are applicable and relevant to the said approval and your company is to familiarize itself with its provisions in so far as they apply to the company's operations:
- The National Water Act, 1998 (Act No.36 of 1998), with particular reference to the sections pertaining to the mining or mining in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.
 - The Environmental Conservation Act, 1989 (Act No.73 of 1989). Your attention is specially directed to the requirements of section 20 of the above Act.
 - The National Environmental Act: Air Quality Act, 2004 (Act No.39 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by mining activities, into the atmosphere.
 - The Conservation of Agriculture Resources Act, 1983 (Act No.43 of 1983), with particular reference to sections pertaining to soil conservation.
 - The National Heritage Resources Act, 1999 (Act No. 25 of 1999), with particular reference to sections pertaining to the protection of all historical and pre-historical cultural remains.
 - The Mine Health and Safety (act 29 of 1996) in conjunction with Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), with particular reference to sections and regulations pertaining to health and safety at mines; mining within 100 meters from structures that must be protected; as well as those sections pertaining to rehabilitation of the surface.
 - The National Environmental Management Act, 1998 (Act No.107 of 1998), with particular reference to sections principles in chapter 2 of the said Act.
17. All persons concerned must be made fully conversant with the terms of this approval, copies of which must be readily available to them.

Yours faithfully



REBONE HELLEN NKAMBULE
CHIEF DIRECTOR: WESTERN REGIONS
NORTH WEST REGION

DATE: 10/01/2025



ACKNOWLEDGE OF RECEIPT:.....

DATE:.....

All the correspondence should be addressed to the attention to the Regional Manager of the Department of Mineral Resources: North West Region. Please quote this office file number as reference.



mineral resources & energy

Department:
Mineral Resources and Energy
REPUBLIC OF SOUTH AFRICA

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

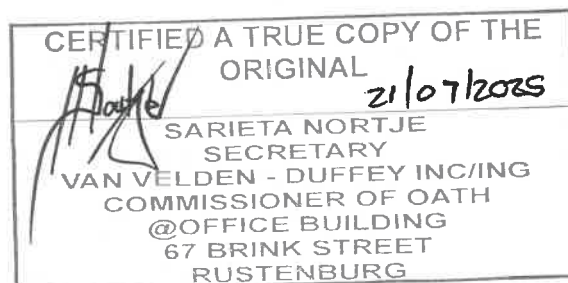
Enquiries: Mr. Livhuwani Kutame Tel: (018) 487 4300 Fax: 086 710 1017/ (018) 487 4394

E-Mail: Livhuwani.Kutame@dmre.gov.za **Ref No.:** NW30/5/1/2/3/2/1/251 EM
NW30/5/1/2/3/2/1/254 EM
NW30/5/1/2/3/2/1/260 EM
NW30/5/1/2/3/2/1/273 EM
NW30/5/1/2/3/2/1/00316 EM

BY HAND

Attention: Ms Annah Ngope
Glencore Operations South Africa (Pty) Ltd
P.O. Box 30
KROONDAL
0350

Tel No: (014) 597 8163
Fax No: N/A



**ADDENDUM TO THE ENVIRONMENTAL AUTHORISATION IN TERMS OF
REGULATION 27 (2) (a) AS READS TOGETHER WITH REGULATION 33 (1) OF THE
ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 FOR THE
AMENDMENT OF THE GRANTED ENVIRONMENTAL AUTHORISATION ISSUED IN
RESPECT OF PORTION 87, 133, 162, 175, AND 278 OF THE FARM KROONDAL 304
JQ, TO INCLUDE THE CHANGE IN SIZE AND LOCATION OF PREVIOUSLY
APPROVED TSF WASTE ROCK FACILITY AND PCD, PIPELINE FOR
TRANSPORTATION OF WATER FROM PCD, CONSTRUCTION OF A MINE
RESIDUE FACILITY (MRF) ALSO REFERRED TO AS CO-DISPOSAL FACILITY
(CDF), 5ML PROCESS WATER TANK AND DESILTING FACILITY, AND ADDING A
MINING AREA OBTAINED FROM SAMANCOR, SITUATED IN THE MAGISTERIAL
DISTRICT OF RUSTENBURG: NORTH WEST REGION BY GLENCORE
OPERATIONS SOUTH AFRICA (PTY) LTD.**

With reference to the above-mentioned application, please be advised that the Department has decided to **issue** an addendum to the relevant Environmental Authorisation in terms of Chapter 5 Regulation 27 (2) (a) as read together with Regulation 33 (1) of the Environmental Impact Assessment Regulations, 2014. The addendum to the 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 : appeals@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

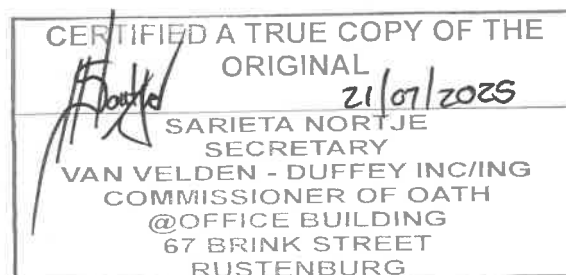
Attention : Regional Manager: North West Region
By facsimile : (018) 487 4394
E-mail : Phumudzo.Nethwadzi@dmre.gov.za
By post : Private Bag A1, Klerksdorp, 2570
By hand : Vaal University of Technology Building, Cnr Margaretha Prinsloo & Voortrekker Street, Klerksdorp, 2570

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

.....
MOTLATSO CONSTANCE KOBE
CHIEF DIRECTOR MINERAL REGULATION
NORTH-WESTERN REGIONS
DEPARTMENT OF MINERAL RESOURCES

DATE: 13/10/2022

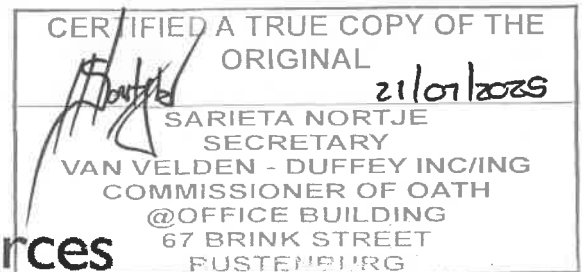




mineral resources & energy

Department:
Mineral Resources and Energy
REPUBLIC OF SOUTH AFRICA

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



ADDENDUM TO THE ENVIRONMENTAL AUTHORISATION

Reference number: NW30/5/1/2/3/2/1/251 EM
NW30/5/1/2/3/2/1/254 EM
NW30/5/1/2/3/2/1/260 EM
NW30/5/1/2/3/2/1/273 EM
NW30/5/1/2/3/2/1/00316 EM

Last amended: First issue

Holder of Authorisation: Glencore Operations South Africa

Location of activity: Portion 87, 133, 162 175, and 278 of the farm Kroondal 304 JQ, situated in the Magisterial District of Rustenburg: North West Region.

DECISION

ACRONYMS

NEMA : National Environmental Management Act, 1998 (Act 107 of 1998) as amended
MPRDA : Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), as amended
EIA REGULATIONS: Environmental Impact Assessment Regulations, 2014
DEPARTMENT : Department of Mineral Resources
EMPr : Environmental Management Programme
I&AP : Interested and Affected Parties
EIA : Environmental Impact Assessment

EAP	: Environmental Assessment Practitioner
PPP	: Public Participation Process
EA	: Environmental Authorisation
DWS	: Department of Water and Sanitation
MHS	: 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 addendum which the applicant should be authorised to undertake the activity specified on the principal environmental authorisation and on this addendum. Details regarding the basis on which the Department reached this granting decision are set out in **Annexure "I"** of this addendum Environmental Authorisation.

ACTIVITIES APPLIED FOR

By virtue of the powers conferred on it by NEMA: EIA Regulations, 2014, the Department hereby issue an addendum to the relevant environmental authorisation submitted by **Glencore Operations South Africa (Pty) Ltd** with the following contact details –

Glencore Operations South Africa (Pty) Ltd
P.O. Box 30
KROONDAL
0350

Tel No: (014) 597 8163
Fax No: N/A

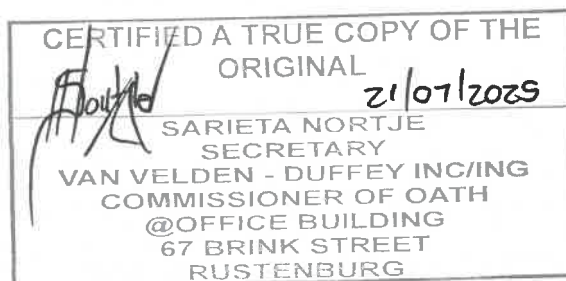
to undertake the change in size and location of previously approved TSF Waste Rock Facility and PCD, pipeline for transportation of water from PCD, construction of a Mine Residue Facility (MRF) also referred to as Co-disposal Facility (CDF), 5ML process water tank and desilting facility, and adding a mining area obtained from Samancor.

The issuing of this addendum to the environmental authorisation is subject to the conditions set out below (site specific) and in Annexure 2 (Departmental standard conditions). The Basic Assessment Report (BAR) and an Environmental Management Programme (EMPr) attached as part of reports for the above development submitted as part of the application for an amendment of environmental authorisation is hereby approved and must be adhered to throughout the life cycle of the operation.



SITE SPECIFIC CONDITIONS

1. The activity specified above may only commenced on condition that a Water Use Licence is applied and obtained from the Department of Water and Sanitation.
2. A clean and dirty water separation system should be the first system to be developed on site.
3. All 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 or the Spruit tributary.
4. A noise monitoring programme must be developed and implemented to monitor the level of noise generated by the proposed activities and mitigation measure must be effected should the set limits exceeded.
5. An Independent Environmental Control Officer must be appointed to monitor the commitments in the BAR/EMPr and the conditions of this EA during all phases of the project.
6. Glencore Operations South Africa (Pty) Ltd is responsible to ensure that all prohibited plant and animal species occurring on the property are eradicated as far as possible, especially within the sensitive delineated riparian, wetland areas, any watercourses and buffers.
7. Signage must be positioned at appropriate locations on site to increase awareness of sensitive areas, bufferzones and aquatic ecosystems found on site. This aspect must be included in environmental awareness training of personnel and contractors.
8. The removal and translocation of any listed or protected plant species must be done prior to construction commencing.
9. All sensitive areas together with associated buffer zones should fenced during the construction and operational phases to prevent human activity from encroaching onto these areas. Monitoring must be done to prevent infringement of the fences.



ANNEXURE 1: REASONS FOR THE DECISION

1. Background

Glencore Operations South Africa (Pty) Ltd submitted an application for amendment of the existing Environmental Authorisation (**proposed TSF re-design and WRF expansion, including Samancor MRA exchange**).

Glencore Operations South Africa (Pty) Ltd appointed CES Environmental and Social Advisory Services to undertake the Environmental Impact Assessment process as prescribed by Regulation 12 of the NEMA: EIA Regulations, 2014.

2. Information considered in making the decision

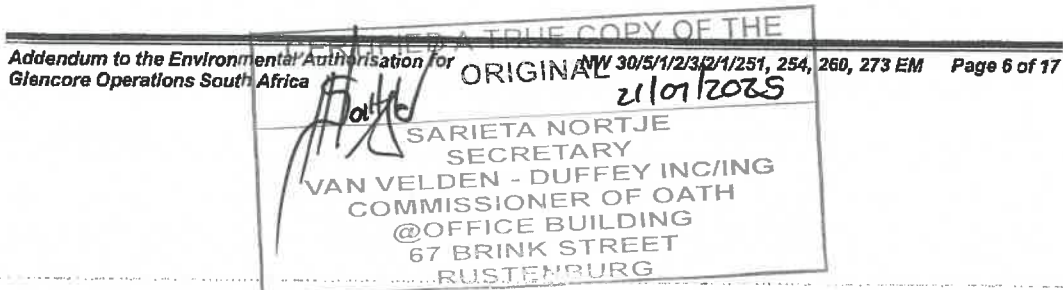
In reaching its decision, the Department took, *inter alia*, the following into consideration-

- a) A copy of existing Environmental Authorisations/Environmental Management Programme reports and all its conditions.
- b) The information contained in the application form received by the Department on 24th August 2021;
- c) The information contained in the Basic Assessment Report received by the Department on 03rd June 2022.
- d) The objectives and requirements of the applicable and relevant legislations, policies and guidelines and the EIA Regulations, 2014 including section 2 of NEMA;
- e) The Specialist Studies attached in the BAR/EMPr;
- f) Public Participation Process (PPP) attached attached in the BAR/EMPr.

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 BAR/EMPr compiled by Mr. Anthony Mark Avis of CES Environmental and Social Advisory Services (Pty) Ltd;
- 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 applicant has supported their application with the requested financial provision to the amount of **R15 292 971.00 (fifteen million two hundred and ninety-two thousand nine hundred and seventy-one**



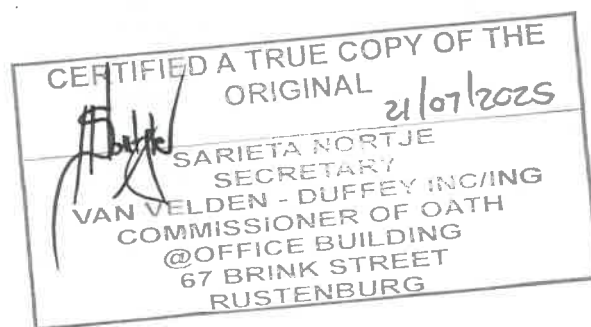
rands). The said amount was provided in a form of a bank guarantee (**Guarantee Number: M-78981**) issued by Lombard Insurance Company Limited.

- 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;

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 comply with Chapter 6 Regulation 41 of the EIA Regulations, 2014. The PPP included, *inter-alia*, the following:
- Site notice board notifying stakeholders and I&APs of the proposed activities were placed at conspicuous places in the project area.
 - A newspaper advertisement was placed in the local newspaper;
 - Site notice board notifying stakeholders and I&APs of the proposed activities were placed at conspicuous places in the project area.
 - Meetings with stakeholders and I&AP were conducted.



ANNEXURE 2

DEPARTMENTAL STANDARD CONDITIONS



1. SCOPE OF AUTHORISATION

- 1.1 This addendum to the environmental authorisation must be read simultaneously with the principal Environmental Authorisation/Environmental Management Programme report.
- 1.2 The holder of the addendum EA shall be responsible for ensuring compliance with the conditions contained in the addendum to the EA. 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 this addendum EA.
- 1.3 Any changes to or deviation from the project description set out in this addendum EA 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 addendum to the EA to apply for further authorisation in terms of the EIA Regulations.

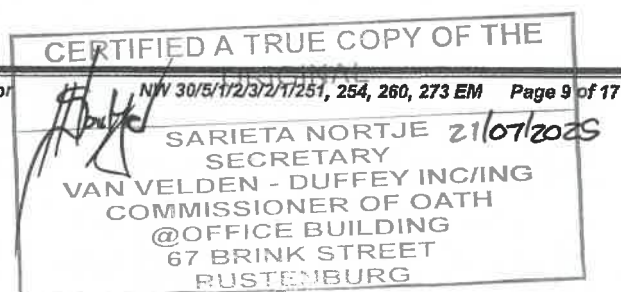
2 APPEAL OF AUTHORISATION

- 2.1 The holder of the addendum EA 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 addendum to the EA
 - 2.5.2 Name of the responsible person for this addendum to the EA
 - 2.5.3 Postal address of the holder;
 - 2.5.4 Telephone 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 A permit for the relocation of all identified Red Data and protected species must be applied for, approved and a copy of such approval must be submitted to this office before commencement of any construction activities.
- 3.2 The EMPr must be amended to include all the recommendation measures outlined by the specialists in the BAR, and a copy of such EMPr must be submitted to this office before commencement of any construction activities.
- 3.3 Indigenous trees must be planted immediately around the tailings dam area in to reduce the tailings flow in case of bursting and overflowing.
- 3.4 The Tailing Storage Facility/Mine Residue Facility must be a minimum of 500 metres away from any residential dwelling to avoid fatalities on residents and minimize damage in case of bursting and overflowing.
- 3.5 In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).
- 3.6 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.
- 3.7 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.
- 3.8 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 addendum to the EA 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.
- 3.9 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.
- 3.10 Residents (if any) on the properties and surrounding areas must be informed if any unusually noisy activities are planned.



- 3.11 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 (NWPHERA) (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 (NWPHERA).
- 3.12 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.
- 3.13 Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.
- 3.14 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.
- 3.15 Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.
- 3.16 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.
- 3.17 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 off at an authorised waste water treatment works.
- 3.18 This addendum to the EA does not purport to absolve the holder from its common law obligations towards the owner of the surface of land affected (if applicable).
- 3.19 The holder of the addendum to the EA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMPr.

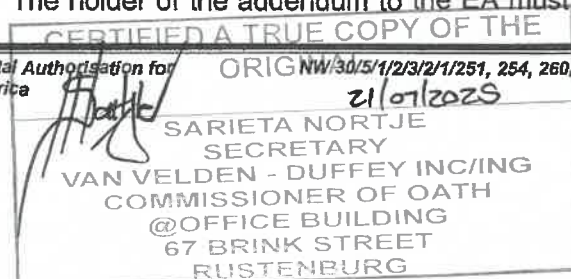
- 3.20 This addendum to the EA may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.
- 3.21 The holder of the addendum to the EA must note that in terms Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008) as amended, residue stockpile and residue deposit must be deposited and managed in a prescribed manner on any site demarcated for that purpose in the 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 Programme.
- 3.22 The holder of the addendum to the EA 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.
- 3.23 An appeal under Section 43 (7) of the National Environmental Management Act, 1998 (Act 107 of 1998) (as amended) suspend an EA or exemption or any provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.
- 3.24 Should you be notified by the Minister of a suspension of the addendum to the EA 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.
- 3.25 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.
- 3.26 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.
- 3.27 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.
- 3.28 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 addendum EA lapses and a new application for EA amendment in terms of the NEMA and the EIA Regulations, 2014 should be made for the activity to be undertaken.
- 3.29 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 addendum to the EA is suspended until such time as the appeal is decided.

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

4 MANAGEMENT OF ACTIVITIES

- 4.1 A copy of the EA, the addendum EA and EMPr must be kept at the property or on site office where the activity/lies will be undertaken. The EA, addendum to the EA and EMPr must be produced to any authorised officials of the Department who request to see it and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work at the 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 A buffer zone of 500 metres between the activities (TSF/MRF) and the residential areas, cemeteries, watercourses, sensitive areas or burial grounds must be clearly demarcated and maintained.
- 4.5 The holder of the addendum to the EA must prevent nuisance conditions, health hazards and the potential creation of nuisance conditions or health hazards.
- 4.6 The holder of the addendum to the EA 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.
- 4.7 The holder of the addendum to the EA 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.
- 4.8 Non-compliance with any condition of this EA, addendum to the EA 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.
- 4.9 Rehabilitation of the disturbed surface caused by operation at all times must comply with the approved EMPr.
- 4.10 The holder of the addendum to the EA 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 addendum to the EA must also ensure that



an ECO is always available on site to ensure that activities at all times comply with the issued addendum to the EA and approved EMPr.

4.11 The ECO must:

- 4.11.1 Keep and maintain a detailed incidents register (including any spillages of fuels, chemicals or any other material.
 - 4.11.2 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.
 - 4.11.3 Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.
 - 4.11.4 Keep copies of all environmental reports submitted to the Department.
 - 4.11.5 Keep the records of all permits, licences and authorisations required by the operation.
 - 4.11.6 Compile a monthly monitoring report and make it available to the Department if requested.
- 4.12 The duties and responsibility of the ECO should not be seen as exempting the holder of the addendum to the EA from the legal obligations in terms of the NEMWA and NEMA: EIA Regulations, 2014.
- 4.13 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.
- 4.14 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.
- 4.15 The holder of the addendum to the EA 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 addendum to the EA.
- 4.16 In order to prevent nuisance conditions, the holder of the addendum to the EA must ensure that all storage skips and bins are not overfilled.

5 REPORTING TO THE DEPARTMENT

5.1 The holder of the addendum to the EA must:

- 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 addendum to the EA 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 addendum to the EA 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 addendum to the EA 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 addendum to the EA.

6 SITE SECURITY AND ACCESS CONTROL

- 6.1 The holder of the addendum to the EA 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 addendum to the EA and the person responsible for the operation of the site.

7 EMERGENCY PREPAREDNESS PLAN

- 7.1 The holder of the addendum to the EA 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 addendum to the EA 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 addendum to the EA 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 addendum to the EA 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 addendum to the EA 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 addendum to the EA 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, 2002 (Act No.28 of 2002) as amended.
- 10.3 The holder of addendum to the EA remains responsible for any environmental liability, pollution or ecological degradation, compliance with the conditions of EA and the management and sustainable closure thereof until the Minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002) 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.
- 10.4 No exotic plants may be used for rehabilitation purposes only indigenous plant can be utilized for rehabilitation purposes.

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 addendum to the 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 addendum to the EA and compliance with the EMP/closure plan, the competent authority is satisfied that the proposed 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 activities can be mitigated to acceptable levels. The authorisation is accordingly granted to **Glencore Operations South Africa (Pty) Ltd.**

Your interest in the future of our environment is appreciated.

Kind Regards

.....
MOTLATSO CONSTANCE KOBE
CHIEF DIRECTOR: MINERAL REGULATION
NORTH-WESTERN REGIONS
DEPARTMENT OF MINERAL RESOURCES
DATE: 13.10.2022



APPENDIX 3
WRITTEN UNDERTAKING THAT THE NEW HOLDER OF THE ENVIRONMENTAL AUTHORISATION IS
WILLING AND ABLE TO ASSUME RESPONSIBILITY OF THE ENVIRONMENTAL AUTHORISATION
ISSUED

GLENCORE

11 July 2025

The Department of Mineral and Petroleum
Resources (North-West Region)
Vaal University of Technology Building
C/o Voortrekker & Margaretha Prinsloo Street
Klerksdorp
2570

Reference number: NW30/5/1/2/2/254MR

**APPLICATION FOR AMENDMENT OF ENVIRONMENTAL AUTHORISATION AND WASTE MANAGEMENT
LICENSE ("THE APPLICATION")//LANXESS CHROME MINING (PTY) LTD (NOW KNOWN AS RUSTENBURG
CHROME MINING (PTY) LTD ("RCM")// GLENCORE OPERATIONS SOUTH AFRICA (PTY) LTD ("GOSA")//
WEST SHAFT AUTHORISATION**

On 15 March 2023, Glencore and Merafe Ferrochrome & Mining (Pty) Ltd ("**Merafe**") (as the purchasers) entered into a sale agreement ("**Sale Agreement**") with RCM (as the seller), in respect of the Sale Assets being the assets of the Seller relating to the west shaft located at the Seller's mining operations known as the Rustenburg Chrome Mine, including a portion of the RCM Mining Right in exchange for a portion of the Glencore Mining Right, which gives rise to the need to submit this application.

The Application is submitted to transfer the current Integrated Environmental Authorisation ("**the Environmental Authorisation**") of RCM granted to it, by the Department, on the 24th of May 2018 to Glencore in respect of the assets relating to RCM's west shaft located on Portion 11 of the Farm Rietfontein 338JQ now known as Portion 62 of the Farm Rietfontein 338JQ.

Glencore hereby undertakes in writing that as the new holder of the Environmental Authorisation it is willing and able to assume all the responsibility of the Environmental Authorisation as it has been issued by the Department.

Please do not hesitate to contact our, Naudene le Roux, should the Department need any further information related to this application at 082 561 0217 or naudene.leroux@glencore.co.za.

Yours sincerely,

DocuSigned by:

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Richard Vermeulen
General Manager

Glencore Operations South Africa (Pty) Ltd
(Registration No. 1997/017998/07)
A member of the Glencore group of companies
Registered Address: 39 Melrose Boulevard • 3rd Floor • Melrose Arch • Melrose North • Johannesburg •
2196 • South Africa
Mailing Address: Suite No. 19 • Private Bag X1 • Melrose Arch • Johannesburg • 2076 • South Africa
Telephone: + 27 11 772 0600 • Telefax: +27 11 772 0697

Directors: JPM Fullard, MJ Houston, F Lambrechts, PN Mahobe, ZZZ Ntlangula

GLENCORE