



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

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From: Directorate Mineral Regulation: Polokwane Region

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Sub Directorate: Mine Environmental Management **Ref No.:** (LP) 30/5/1/2/3/2/1/10067 EM

The Manager

Ivanplats (Pty) Ltd/ Platreef Resources (Pty) Ltd

Private Bag X 2468

MOKOPANE

0600

Dear Sir/Madam

APPROVAL OF ENVIRONMENTAL MANAGEMENT PROGRAMME IN TERMS OF SECTION 39 (4) (a) (i – iii) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) OF MINING RIGHT IN RESPECT OF PLATINUM GROUP METALS, GOLD, SILVER, NICKEL, COPPER, IRON, VANADIUM AND CHROME BY PLATREEF RESOURCES (PTY) LTD ON THE FARM MACALACASKOP 243 KR AND TURFSPRUIT 241 KR; SITUATED IN THE MAGISTERIAL DISTRICT OF MOGALAKWENA: LIMPOPO REGION.

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 Environmental Management Programme.
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 greater, without the necessary authorization from Department of Water Affairs (DWA).
4. Any stream diversion and or water uses listed in terms of section 21 of the National Water Act must get authorization from Department of Water Affairs.
5. All mining waste must be taken back to the excavation area for backfilling purposes.
6. **Platreef Resources (Pty) Ltd** is responsible for all surface disturbances on the mining area, which includes all historical surface disturbances.

7. 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.
8. No dump structures must be left on surface; this includes topsoil stockpiles, overburden stockpiles, waste rocks stockpiles, tailings dumps and slime dams.
9. Any alteration or deviation from the EMPr must be reported to the Regional Manager for his approval or consideration.
10. Management action for biodiversity management units must be adhered to during mining operation as recommended by biodiversity study contained in the Environmental Management Programme
11. No protected trees must be damaged or removed on mining area without a necessary permit from Department of Environmental Affairs as recommended by the Biodiversity report contained in the EMPr.
12. 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).
13. The financial provision must be upgraded or revised on an annual basis according to the surveyed plan, which indicates the progress in rehabilitation.
14. Monitoring must be conducted on a continuous basis.
15. Performance assessment report as contemplated in regulation 55(1)(c) must be submitted annually (from the date on which the Right was granted) to the Regional Manager: Mineral Regulation.
16. 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.
17. This approval does not purport to absolve your company from its common law obligations towards the surface rights holder or any other affected party.
18. This approval does not purport to absolve **Ivanplats (Pty) Ltd** previously known as **Platreef Resources (Pty) Ltd** from its common law obligations towards the owner of the surface of land affected.
19. The following Acts area 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 36 of 1998), with particular reference to the sections pertaining to the mining in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.
 - The Environmental Conservation Act (Act 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 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 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 (MPRDA), 2002 (Act 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 (Act 107 of 1998), with particular reference to sections principles in chapter 2 of the said Act.

20. All persons concerned must be made fully conversant with the terms of this approval, copies of which must be readily available to them.

21. This approval is only applicable for construction and operation of an underground mining and associated infrastructure as indicated on the approved EMPr.

22. Any activity/-ies listed in terms of NEMA regulation must get necessary approval from Department of Environmental Affairs prior to the commencement to such activity/-ies.

23. No mining or mining related activity shall be undertaken in any area where there is occurrence of graves or constitutes a graveyard or residential area.

24. The process relating to surface use agreements shall be undertaken in liaison with the Department of Rural Development and Land Reform.

25. **Ivanplats (Pty) Ltd** previously known as **Platreef Resources (Pty) Ltd** shall establish forums through which all environmental and socio-economic issues will be communicated to the local communities. The meeting shall be held frequently, the interval of which shall not exceed six months.

Kind Regards

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REGIONAL MANAGER
MINERAL REGULATION: LIMPOPO REGION
DATE: 04 November 2014

The above conditions are hereby acknowledged and accepted by Jasmine Abrahams on behalf of **Ivanplats (Pty) Ltd** previously known as **Platreef Resources (Pty) Ltd** on this 4th day of November 2014.

J. APPROVAL

Approved in terms of Section 39(4) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)

Signed at Polokwane this 04th day of November 2014


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REGIONAL MANAGER

REGION: Limpopo.....