

EXECUTIVE SUMMARY

PROJECT BACKGROUND

Impala Platinum Limited (Impala), a member of the Implats group of companies, operates a platinum group metals (PGM) mining and processing operation located approximately 16 km north-north-west of the town of Rustenburg, in the Rustenburg Local Municipality (RLM) and the Bojanala Platinum District Municipality (BPDM), North West province.

Impala holds and operates in accordance with the following authorisations:

- An amended Mining Right (MR) issued in terms of the Mineral and Petroleum Resources Development Act, 28 of 2002 (MPRDA) (Department of Mineral Resources and Energy (DMRE) (previously the Department of Mineral Resources (DMR)) Ref: NW-00194-MR/102) issued on 13 December 2018; and
- An approved consolidated Environmental Management Programme (EMPr) issued in terms of the MPRDA (DMRE (previously the DMR) Ref: NW30/5/1/2/3/2/1/130,131,132 and 133 EM) issued on 20 August 2013.

Impala's Shaft 16 Complex is located on the farm Reinkoyalskraal 278 JQ and comprises of a vertical hoisting shaft, an upcast ventilation shaft, waste rock dump (WRD), run of mine and stockpile areas, and various ancillary support services, including an office complex, stores and parking area. As part of its on-going mine planning, Impala is proposing to expand the existing parking area with additional covered parking bays, inclusive of a dedicated taxi pick-up, drop-off and waiting area (proposed project).

SUMMARY OF AUTHORISATION REQUIREMENTS

Prior to the commencement of the proposed project, the following is required:

- An amended EMPr in terms of Section 102 of the MPRDA from the DMRE; and
- An Environmental Authorisation (EA) in terms of the Environmental Impact Assessment (EIA) Regulations, 2014 (as amended) promulgated under the National Environmental Management Act, 107 of 1998 (NEMA) from the DMRE.

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of Environmental Assessment Practitioners (EAPs), has been appointed by Impala to manage the amended EMPr and EA processes.

OPPORTUNITY FOR COMMENT

The Basic Assessment Report (BAR) was distributed for a 30-day comment period from 8 September to 8 October 2021 in order to provide Interested and Affected Parties (I&APs) with an opportunity to comment on any aspect of the Basic Assessment (BA) process and the proposed project. An extension to the comment period was also granted until 27 October 2021. Copies of the full report were made available on the SLR website (www.slrconsulting.com) and the SLR data-free website (<https://slrpublicdocs.datafree.co/public-documents>). All comments received during the comment period have been included in this revised BAR, which has been submitted to the DMRE for consideration and decision-making. It should be noted that all significant changes to the BAR are underlined and in a different font (Times New Roman) to the rest of the text, for ease of reference and understanding.

SUMMARY OF IDENTIFIED IMPACTS AND SIGNIFICANCE

The potential impacts associated with the project activities and infrastructure can be categorised into those that have very low, low, medium, high, very high or insignificant significance in the unmitigated scenario. A summary of the identified impacts is provided in the table below.

Aspect	Potential Impact	Cumulative impact significance of the impact	
		Unmitigated	Mitigated
Geology	Loss and sterilisation of mineral resources	INSIGNIFICANT	
Topography	Altering topography	INSIGNIFICANT	
	Hazardous excavations and infrastructure resulting in safety risks to third parties and animals	Medium	VERY LOW
Soil and land capability	Loss of soil resources and land capability through physical disturbance and contamination	INSIGNIFICANT	
Biodiversity	Physical destruction and disturbance of floral species	Low	VERY LOW
	Physical destruction and disturbance of faunal species	Low	VERY LOW
Surface water resources	Alteration of natural drainage patterns	INSIGNIFICANT	
	Contamination of surface water resources	INSIGNIFICANT	
Groundwater	Contamination of groundwater resources	INSIGNIFICANT	
Air quality	Air pollution	INSIGNIFICANT	
Noise	Increase in disturbing noise levels	INSIGNIFICANT	
Visual	Negative visual views	INSIGNIFICANT	
Traffic	Road disturbance and traffic safety	INSIGNIFICANT	
Cultural/heritage and palaeontological resources	Loss of cultural/heritage and palaeontological resources	INSIGNIFICANT	
Socio-economic	Inward migration and economic impact	INSIGNIFICANT	
	Change in land use	INSIGNIFICANT	

ENVIRONMENTAL STATEMENT

The assessment of the proposed project presents the potential for negative impacts to occur (in the unmitigated scenario in particular) on the biophysical, cultural/heritage and socio-economic environments, both on the project footprint and in the surrounding area. With the implementation of management actions, these potential impacts can be prevented or reduced to acceptable levels. It follows that provided the EMP is effectively implemented, there is no reason from a biophysical, cultural/heritage or socio-economic standpoint why the proposed project should not proceed.