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**Phoenix
Platinum**

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In mitigation of Archaeology report

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Background

Phoenix Platinum is in the process of constructing a new TSF to deposit tailings on Portions 22 and 23 of the Buffelsfontein farm 465JQ. These tailings will be predominately from tailings produced from the Beneficiation Plant at the IFM Lesedi Mine. The tailings dam is designed to hold 7.4 million tons at an in situ density of 1.6 t/m³. As part of the EIA process, an Archaeology assessment was done on the above mentioned property.

Findings

Six sites (some more find spots than anything else) with Late Iron Age features and artefacts, as well as some remains of recent opencast mining and a single Middle Stone Age stone tool, were identified in the area. The most significant of these is Site 1 which is grinding surfaces visible on the rocks, while a large amount of both decorated and undecorated pottery is located around the edges of and on top of the rock outcrop. Site 2 is a single piece of undecorated pottery found close to the stream that runs through the area, while Sites 3 and 4 is further low rocky outcrops with evidence of grinding surfaces and some individual pieces of undecorated pottery in close proximity. Site 5 is the cement foundations of one of the recent mining related structures (there are a number of these around the area), while Site 6 is a single Middle Stone Age flake.

Impact and mitigation

Site 1 will be fenced off to prevent any disturbances prior to construction of the TSF starting, as well as to prevent any future disturbances to the site. The other sites or find-spots recorded during the assessment are all of low significance and no mitigation measures will be required. Should any archaeological feature be unearthed during construction activities, an archaeologist should immediately be contacted to investigate the find.

Kind Regards,

Bertin Mcleod
Manager: Metallurgy
