

**Umlando: Archaeological Surveys &
Heritage Management**

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Umsombomvu WEF Layout Revision

Umlando undertook the heritage survey for the proposed Umsobomvu windfarm in 2013. Subsequent to the initial report the areas was divided into three aspects: Umsobomvu I WEF, Coleskop WEF and Eskom MTS. There has been a slight change to the original layout with the addition of the following features. This letter deals with the changes to the Umsobomvu I WEF:

- Creating a new access point and upgrading existing jeep tracks and farm roads of approximately 7.1 km in length to create new access road routes. These roads will be expanded to 12 m in width during the construction phase and rehabilitated to 5 m in width during the operational phase.
- The construction of two (2) concrete batching plants, temporary laydown areas and construction areas. Each will consist of a concrete and/or steel batching plant of approximately 11 250 m², a temporary laydown area of approximately 22 500 m² and a construction compound area of approximately 11 250 m². The combined total area to be cleared for these two (2) concrete batching plants, temporary laydown areas and construction areas is approximately 45 000 m² (4.5 ha) within the 90 000 m² (9 ha) assessed area.
- The construction of internal overhead lines with a 33 kV switching station of approximately 30 m x 30 m. The total area to be cleared for the switching station is approximately 900 m² (0.09 ha).
- The construction of a collector substation of up to 100 m x 100 m (1 ha).

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These changes do not affect any of the sensitive areas and/or heritage sites recorded during the original survey. The mitigation remains the same. Fig 1 - 2 shows the new access road and batching plants. Fig 3 shows the location of the new road to the batching area.

All heritage sites and their management is conditional in the EIA and is also reiterated as part of the amendment. Some of this is specific to the approved access road and the hatching plants, mini subs etc. Roads have not changed (in terms of specs) since the original EIA and specialist reports and were approved at 12m wide, rehabbed to 5m, and restricted in places by heritage and ecological constraints

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Fig. 1: Access Road And New Batching Plants



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Fig. 2: Access Road And New Batching Plants



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Fig. 3: New Access Road To A Batching Plant



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The road will affect the site UMZ014. The site was described as follows in the initial HIA report:

“The site is located at the base of a small koppie on the mountain (fig. 29). There is an ephemeral scatter of stone tools over an area 60m x 50m in size. The tools appear to be in a secondary context, and are made from hornfels. The tools date to the MSA and consist of irregular cores, flakes (with/out a prepared platform) and unifacial points of varying sizes (fig. 30).

Significance: The site is of low significance.

Mitigation: No mitigation is required, however a permit will be required if the access road affects the site.

SAHRA Rating: 3C”

FIG. 29: GENERAL VIEW OF UMZ014



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FIG. 30: STONE TOOLS AT UMZ014



The access road will affect the site and thus a permit will be required.

Summary of site

Name	Description	Latitude	Longitude	Significance	Requires Mitigation If Affected	Type of mitigation
UMZ014	stone tools	-31.318343650	24.836304815	Low	No	Permit

Yours Sincerely

Gavin Anderson