

Umlando: Archaeological Surveys & Heritage Management

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Your ref:

NEW UMSOMBOMVU SUBSTATION

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.

Umsobomvu Wind Power (Pty) Ltd is proposing the development of infrastructure to supplement the development of the authorised Wind Energy Facilities (WEFs) in proximity to the infrastructure site. The proposed infrastructure is situated on Portion 8 of Uitzicht Farm 3, the Remaining Extent (RE) of Winterhoek Farm 118, and the RE of Elands Kloof Farm 135. These properties are situated within the Umsobomvu Local Municipality in the Northern Cape Province and the Inxuba Yethemba Local Municipality in the Eastern Cape Province.

The proposed development includes:

- The assessment of one (1) 600 m x 900 m area which will include:
 - An IPP 132 kV Substation up to 22 500 m²;
 - 132 kV Distribution Substation up to 22 500 m²;
 - Operation and Maintenance (O&M) Building up to 22 500 m²; and
 - Two (2) 132 kV Overhead Lines (OHL) of up to 500 m in length.
- The assessment of two (2) 300 m x 300 m areas which will include:
 - Area 1: A Concrete Tower Manufacturing Facility (CTMF) and Temporary Laydown Area of up to 60 000 m²; and
 - Area 2: A CTMF of up to 60 000 m².
- The construction of an up to 3.5 km new access road, including a new intersection, with sections of the road route requiring the widening of existing roads to 12 m in

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width during construction which will then be rehabilitated to 8 m in width during operation.

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 and 2 shows the recorded sites in relation to the additional development. The addition of the new road does, however, affect a newly recorded stone knapping site (UMZ026) that was noted during the September heritage walkthrough: UMZ026. The farm Winterhoek and the related stone walled kraal will not be affected.

UMZ026 was described as follows (Anderson 2021):

UMZ026 is a new site located near the N10. The site appears to be a stone tool knapping site that extends for about 30m around a hornfels outcrop.. The outcrop overlooks the top of a small kloof on the opposite side of the N10. UMZ026 was noted due to the recent fire clearing the undergrowth. I had previously noted a few tools in the track and thought of them as part of the colluvial deposits of the general area. However, the fire shows that it is restricted to a small area and related to the hornfels outcrop.

The stone tools consist of MSA cores, various (utilized) flakes and points (spear heads). Several of these MSA flakes have been re-utilised in the LSA...

The site was originally not going to be affected; however, a new access road has been proposed. This access road will go through most of the site.

Significance: The knapping area is of low-medium significance. Several have been reported by Sampson (1985) in the general area, e.g. SAM1 (see Anderson 2014).

Mitigation: The site should be sampled and photographed if the access road affects it. A permit to damage this site will be required.

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SAHRA Rating: 3B

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

Yours Sincerely

A handwritten signature in black ink, appearing to read 'Gavin Anderson'. The signature is stylized and somewhat cursive, with a large initial 'G'.

Gavin Anderson

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FIG. 1: RECORDED SITES NEAR THE NEW UMSOBOMVU SUBSTATION



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FIG. 2: THE NEW THE NEW ACCESS ROAD, SITE UMZ026 AND THE CTM LAYDOWN AREA

