

**The archaeological survey of the Hluhluwe
Water Supply Scheme Phase 3: Khuleni
Reservoir Reassessment**

For EVN Africa and Mhlatuze Water

Date: 27 August 2004

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EVN Africa Contracted Umlando to undertake the reassessment of the Khuleni Reservoir. Umlando (see Appendix A) based this reassessment on a previous report.

The archaeological site, **HSW1**, was previously recorded. However, due to the dense vegetation it could not be adequately assessed. The site was re-assessed after bush clearance had occurred. No artefacts were observed in the direct vicinity of the reservoir site. No further mitigation would be required. However, The developer should report if any archaeological material is exposed during the construction of the reservoir. The developer will also be required to obtain a destruction permit from Kwa-Zulu Natal Heritage.

Appendix A: Initial Survey report by Umlando (March 2004)

INTRODUCTION

EVN Africa, on behalf of Mhlathuze Water, contracted Umlando: Archaeological Tourism and Resource Management cc, to undertake the archaeological survey for the Hluhluwe Water Supply Scheme Phase 3.

The water supply scheme begins in Hluhluwe and ends at two points on the Nibela Peninsula. Most of the pipeline will be in the existing tar road servitude, and within 18 m from the center point of the road. The rest of the pipeline occurs along existing dirt roads, also 18 m from the center point. That is most of the pipeline occurs along existing servitudes and/or areas that have been affected by roadworks.

Three archaeological sites were recorded during the course of the survey. Two sites are of low significance and one site would require a resurvey after the vegetation has been cleared.

THE SITES

HWS1

This site is located at the proposed Khuleni Reservoir and will be adjacent to the existing Telkom and MTN structures. The dense vegetation resulted in poor archaeological visibility. A scatter of pottery sherds was observed at several locations along the servitude of the pipeline and the outskirts of the proposed reservoir. The site is at Chain Marker CH 20554.

Significance: The site is of unknown significance due to the vegetation.

Mitigation: Late Iron Age sites, such as HWS1, often occur on hilltops. These sites often have organic remains and/or human skeletal remains. The site should be resurveyed during the bush clearance phase. The site should be re-assessed at this phase.

HWS2

The site is north of Chain Marker CH 12282. The site consists of a scatter of pottery sherds and animal bone for ± 50 m along the roadside. More of the site extends away from the road.

The pipeline is unlikely to impact on this site, as the road has damaged the affected area already.

Significance: The site is of low archaeological significance.

Mitigation: No further mitigation would be required, provide that the pipeline does not extend beyond the 18 m center point.

HSW3

The site is south of Chain Marker CH 12482. The site consists of an extensive scatter of pottery and animal bones for ± 80 m along the road.

More of the site extends away from the road.

The pipeline is unlikely to impact on this site, as the road has damaged the affected area already.

Significance: The site is of low archaeological significance.

Mitigation: No further mitigation would be required, provided that the pipeline does not extend beyond the 18 m center point.

CONCLUSION

Three archaeological sites were recorded on the Hluhluwe Water Supply Scheme Phase 3. Two of these sites are of low archaeological significance and do not require further mitigation provided that the pipeline does not venture beyond the existing road servitude. One site may be significant and

would require on site monitoring and assessment during the bush clearance phase for the Khuleni Reservoir. A permit for the destruction of this site will be required from KwaZulu-Natal Heritage, according to the KwaZulu-Natal Heritage Act of 1997.

Appendix A
Site Record forms

Site category: Late Iron Age/ Historical

For Recording Centre Use

National site number:

Accession number:

Accession institute:

Recorder's site number: HWS1

Official name: NA

Local name: NA

Map sheet: 1: 50 000 – 2732CD KULENI

Site co-ordinates: 27° 54' 36.4" South, 32° 21' 52.2" East **GPS reading** NA

Directions to site: From Hluhluwe take the Sodwana Bay / False Bay Rd. Turn right onto the P414 & left onto the P401 (passing the Hluhluwe School on the left). At T-junction, turn right to Sodwana bay. Turn right after ±1km into the Hluhluwe Proefplaas. Turn left onto dirt track leading uphill towards the reservoir and towers.

Site type (structure, shelter, open): Open

Merits conservation/salvage?: No

Threats: yes **What threat?:** Hluhluwe Water Supply Scheme Reservoir

Pictorial record: NA

Where stored?: NA

Recorder's details: Umlando. G & L Anderson

Date of recording: 04/03/04

Owner/Occupier: unknown

Site description: Scatter of pottery across the top of the hill. Possible archaeological deposit.

Comments/References: Site has been affected by Telkom and MTN towers/masts.

Be on site during bush clearance.

Site category: Late Iron Age/ Historical

For Recording Centre Use

National site number:

Accession number:

Accession institute:

Recorder's site number: HWS2

Official name: NA

Local name: NA

Map sheet: 1: 50 000 – 2732CD KULENI

Site co-ordinates: 27⁰ 53' 39.1" South, 32⁰ 27' 27.9" East

GPS reading: NA

Directions to site: Same as for HWS1, however do not turn right to HSW1, but continue with road to Sodwana Bay and turn right onto Rural Main Road 2 to Nibela. Turn right at the shop on right hand side, towards the KwaMpondweni Clinic. The site is 4.5km from this turn off and occurs on both sides of the road.

Site type (structure, shelter, open): Open

Merits conservation/salvage?: No

Threats: yes **What threat?:** Hluhluwe Water Supply Scheme

Pictorial record: NA

Where stored?: NA

Recorder's details: Umlando. G & L Anderson

Date of recording: 04/03/04

Owner/Occupier: unknown

Site description: Scatter of pottery and bone for ±50m along the road, and away from the road.

Comments/References: Parts of site have been affected by current road.

Site category: Late Iron Age/ Historical

For Recording Centre Use

National site number:

Accession number:

Accession institute:

Recorder's site number: HWS3

Official name: NA

Local name: NA

Map sheet: 2732CD KULENI

Site co-ordinates: 27° 53' 45.5" South, 32° 27' 26.2" East

GPS reading: NA

Directions to site: As for HWS2, except continue ±300m further south. Site is located on both sides of the road.

Site type (structure, shelter, open): Open

Merits conservation/salvage?: No

Threats: yes

What threat?: Hluhluwe Water Supply Scheme

Pictorial record: NA

Where stored?: NA

Recorder's details: Umlando. G & L Anderson

Date of recording: 04/03/04

Owner/Occupier: unknown

Site description: Scatter of pottery and bone for ±80m along the road, and away from it. Possible archaeological deposit.

Comments/References: Site has been affected by current road.

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