

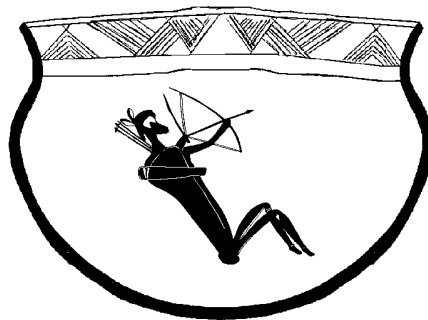
**The Archaeological Survey and Excavations of the
Zulti North Mining Lease**

For Richards Bay Minerals

Date: 04 August 2008

**By Gavin Anderson and Louise Anderson
Umlando: Archaeological Tourism and Resource
Management**

PO Box 102532, Meerensee, 3901



Umlando undertook its monthly archaeological survey of the Zulti North Mining lease at the end of July and the first week of August. The July survey yielded no new sites. Three new sites were recorded on the August survey, and two sites were excavated.

MINING POND A

No new sites recorded.

MINING POND C

No new sites recorded.

MINING POND D

MPD 83

MPD 83 is located on the near Shark Tooth Midden (STM). The contents of the site have been partially dispersed by bush clearance and still extend into the adjacent forest.

The site consists of the remains of the old metal charcoal burners and the living areas (made from containers) of the associated people. We believe this area was deserted between 1996 and 1999. It is not an archaeological site, but is still important in the context of Living Heritage of the area. We surveyed for rubbish dumps, etc. but could not locate any: these are probably still underneath the dense vegetation.

The site is of low significance and currently requires no mitigation. We will monitor the area for artefacts as it could be viewed as a Living Heritage site.

MINING POND E

MPE79

MPE79 is located on the eastern side of a high dune where MPD is currently stationed. The dune is in the middle of the dune system.

The site consists of at least three shell middens. The shell is mainly brown mussel. On the surface is a scatter of diagnostic pottery and coral. We also recorded various upper grinding stones.

The site is of medium significance and we will monitor it for human remains and other artefacts.

AMS

AMS15

AMS15 is located near AMS North. The site possibly extends into the adjacent bush.

It consists of an ephemeral scatter of diagnostic pottery on the surface.

Significance: The site is of low significance. No further mitigation is required.

EXCAVATIONS

Two sites were excavated in July and August.

STMB

STMB is a well-known site that has been excavated periodically since 2001.

We went returned to STM(B) in July to establish whether a second living area could be located after bush clearance had occurred at the southern part of the main site. We placed eight 1m x 1m squares in the cleared area, however only a few fragments of shell and a single grinding stone were observed. We now presume that the site does not extend to this area.

We also excavated a small midden that occurred on the northwestern edge of STMB. Most of this midden was removed, and only a small part remains. We will return to this area at a later stage.

MPE 77

MPE 77 was recorded in June 2008, and noted for test-pit excavations to establish the significance of the site. In July/August, we opened two squares from which four shell lenses were excavated. The lenses varied in thickness and size. The basal lens became two large pits. The material is currently being analyzed (with an estimated time of a 5 days for a basic analyses), but it is already clear that further excavation will be required.

Some of the artefacts include well-preserved bone (small and medium bovid, bird and fish), in association with *in situ* marine shell and diagnostic pottery. This will enable us to radiocarbon date the site at a later stage. We also found an unusual glass bead. The bed was transparent glass with a bit of red on the outside. See opposite figure.

MPE 77 will be further excavated in future to extract as much information as possible. We will undertake further excavations later this year if no other excavations are needed: we have five days of budgeted excavations left for the year. If we do not excavate the site this year, then we will continue with it in 2009.



**APPENDIX A
SITE RECORD FORMS**

ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age:
Early Iron Age:
Late Iron Age:
Historical Period: x



Recorder's Site No.: MPE 79
Official Name:
Local Name:
Map Sheet:
Map Reference: S: 28 '33 24.6" E: 32 21' 15.96" Alt: 106m
GPS reading? yes

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

Site is located on the back road from MPE towards MPD at the top of a high dune.

SITE DESCRIPTION:

Type of Site: Open
Merits conservation: Yes. Monitor for human remains.
Threats: Yes
What threats: RBM Mining

RECORDING:

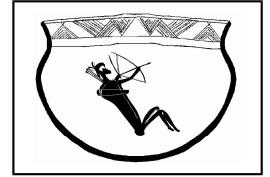
Details of graphic record: none
Recorder/Informant: Name: Umlando, Gavin and Louise Anderson
Address: PO Box 102532, Meerensee, 3901
Owner State
References:
Date: 04/08/2008

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

The site consists of at least three shell middens. Adiaagnostic potter, coral and upper grinding stones are scattered on the surface.

Pottery: Adiaagnostic
Shell: Brown mussel
Stone: Upper grinding stones

ARCHAEOLOGICAL SITE RECORD FORM



SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age:

Historical Period: x Modern

Recorder's Site No.: MPD 83

Official Name:

Local Name:

Map Sheet:

Map Reference: S: 28 35' 51.5" E: 32 19' 41.5" Alt: 38m

GPS reading? yes

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

The site is located on the RHS of the road to Shark Tooth Midden (STM).

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: Yes

What threats: RBM mining

RECORDING:

Details of graphic record: none

Recorder/Informant: Name: Umlando, Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Owner State

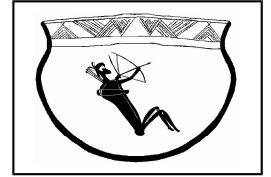
References:

Date: 04/08/2008

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

The site consists of the abandoned charcoal burners and living areas of the associated people. The site is not archaeological, but rather Living Heritage.

ARCHAEOLOGICAL SITE RECORD FORM



SITE CATEGORY: (X where applicable)

Stone Age
Early Iron Age:
Late Iron Age:
Historical Period: x?

Recorder's Site No.: AMS15
Official Name:
Local Name:
Map Sheet:
Map Reference: S: 28 34' 21.88" E: 32 20' 50.76" Alt: 83m
GPS reading? yes

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

Site is located on the LHS of the back road from MPE towards AMS North.

SITE DESCRIPTION:

Type of Site: Open
Merits conservation: No
Threats: Yes
What threats: RBM Mining

RECORDING:

Details of graphic record: none
Recorder/Informant: Name: Umlando, Gavin and Louise Anderson
Address: PO Box 102532, Meerensee, 3901
Owner State
References:
Date: 04/08/2008

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Site consists of an ephemeral scatter of diagnostic pottery on the surface.