

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

For Richards Bay Minerals

Date: 15 December 2008

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Management**

PO Box 102532, Meerensee, 3901



Umlando undertook its monthly archaeological survey of the Zulti North Mining lease on 11 December 2008.

MINING POND A

MPA40

MPA40 is located along the second dune from sea. It consists of a small scatter of *Perna perna* and adiagnostic pottery.

The site is of low significance.

MINING POND C

No new sites recorded.

MINING POND D

No new sites recorded.

MINING POND E

MPE83

MPE83 is located on the first dune from Lake Nhlabane. The site is over a 10m radius and on a relatively flat area. It consists of concentrations of pottery and shell, with faunal remains between these concentrations. The shell is mostly *P. perna* with some oyster and limpet. There is a variety of pottery types. The pottery consists of shell-impressed and circular impressions, as well as complete pots (broken). A daga pipe with shell-impressed motif was sampled. There is also some slag and furnace (or daga) fragments.

The site is of medium significance and has been sampled. We will also monitor it in the future.

MPE84

MPE84 is located on the first dune from Lake Nhlabane. The site is near MPE71, but is not part of it. Site consists of a scatter of *P. perna* and five adiaagnostic sherds

The site is of low significance.

MPE85

MPE85 is on the tallest second dune from Lake Nhlabane. The site consists of a scatter of middens and artefacts exposed by bulldozer. There are at least three shell middens (*P. perna* and *Patella* spp.) that are slumping down the dune. There are many pottery sherds of which some have shell-impressed decorations. Other artefacts include small fragments of slag, hippopotamus teeth and bone, as well as other faunal remains.

The site is of medium significance and has been sampled. We will also monitor it in the future.

MPE86

MPE86 is located on the first dune from Lake Nhlabane. It consists of a large scatter of *P. perna* and the remains of daga floor. The site was exposed by the exploration team

The site is of low significance.

MPE87

MPE87 is located on the first dune from Lake Nhlabane. The site consists of a scatter of adiaagnostic pottery and a small piece of “bog iron”. There was probably a shell midden in the area (or still underneath the vegetation), as there are small pebbles on surface that are normally associated with shell middens.

The site is of low significance.

MPE88

MPE88 site is located on the first dune from Lake Nhlabane. The site consists of a scatter of shell (mostly *P. perna* and some *Patella spp.*), faunal remains, and pottery. The pottery is mostly undecorated, but few have lip notching, and one sherd has the classic red-burnish with shell-impressed motif. An upper grinding stone made from white beach sandstone and hippo bone were also recorded.

The site is of medium significance and has been sampled. We will also monitor it in the future.

MPE89

MPE89 is located on the first dune from Lake Nhlabane. It consists of a scatter of shell and pottery. The shell is mainly *P. perna*. The pottery has lip punctates suggesting it dates to the LIA.

The site is of low significance.

AMS

AMS19 was recorded in early January and partially excavated in late January. The excavations concentrated on sampling a shell midden, exposing the human burial, and locating possible furnaces.

Much of the site had been damaged, with the exception of the shell middens. We are currently sorting the material and the results will be inserted into the next report.

**APPENDIX A
SITE RECORD FORMS**

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age ?

Historical Period:?

Recorder's Site No.: MPA40

Official Name:

Local Name:

Map Sheet:

Map Reference: S 28 37 30.40 , E 32 17 54.30 (alt = 69 m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

2nd dune from sea

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT

Small scatter of Perna perna & diagnostic pottery

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age X

Historical Period:

Recorder's Site No.: MPE83

Official Name: Bantu Reserve No.4 7638

Local Name:

Map Sheet: 2832CA KwaMbonambi

Map Reference: S 28 33 10.7 E 32 21 07.4 (alt = 84m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

On 1st dune from Lake Nhlabane

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Site is over a 10m radius on a relatively flat area. It consists of concentrations of pottery and shell, with faunal remains between these. Pottery is various and consists of shell-impressed and circular impression, as well as complete pots (broken). 1 x decorated daga pipe. The shell is mostly *P. perna*. There is also some slag and furnace (or daga) fragments.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age ?

Historical Period:?

Recorder's Site No.: MPE84

Official Name: Bantu Reserve No.4 7638

Local Name:

Map Sheet: 2832CA KwaMbonambi

Map Reference: S 28 33 14.1 , E 32 21 03.5 (alt = 94m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

On 1st dune from Lake Nhlabane

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Site is near MPE71, but is not part of it. Site consists of a scatter of P. perna and 5 diagnostic sherds

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age X

Historical Period:

Recorder's Site No.: MPE85

Official Name:

Local Name:

Map Sheet:

Map Reference: S 28 33 15.29 E 32 21 12.01 (alt = 103m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

On tallest 2nd dune from Lake Nhlabane

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Site scatter of middens and artefacts exposed by bulldozer. Consists of at least three middens (P. perna and Patella), a lot of pottery (some with Shell-impressed decorations), 3x slag, hippo teeth and bone, as well as other faunal remains

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age: ?

Historical Period: ?

Recorder's Site No.: MPE86

Official Name: Bantu Reserve No.4 7638

Local Name:

Map Sheet: 2832CA KwaMbonambi

Map Reference: S 28 32 59.9 E 32 32 25.5 (alt = 109m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

On 1st dune from Lake Nhlabane

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Large scatter of P. perna and remains of daga floor

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age

Historical Period:

Recorder's Site No.: MPE87

Official Name: Bantu Reserve No.4 7638

Local Name:

Map Sheet: 2832CA KwaMbonambi

Map Reference: S 28 33 04.1 E 32 21 22.4 (alt = 95m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

On 1st dune from Lake Nhlabane

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Scatter of adiaq pottery on top of hill. 1x bog iron. Midden was probably here, as small pebbles are on surface.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age

Historical Period: X

Recorder's Site No.: MPE88

Official Name: Bantu Reserve No.4 7638

Local Name:

Map Sheet: 2832CA KwaMbonambi

Map Reference: S 28 33 14.8 E 32 20 50.8 (alt = 45m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

On 1st dune from Lake Nhlabane

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Scatter of P. perna and some limpets, faunal remains and pottery. Pottery is mostly undecorated, but few have lip notching, and one sherd has classic red-burnish with shell impressed motif. WBS upper g/stone present. Bone = hippo

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

SITE CATEGORY: (X where applicable)

Stone Age

Early Iron Age:

Late Iron Age X

Historical Period:

Recorder's Site No.: MPE89

Official Name: Bantu Reserve No.4 7638

Local Name:

Map Sheet: 2832CA KwaMbonambi

Map Reference: S 28 33 13.3 E 32 20 55.3 (alt = 77m)



DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

On 1st dune from Lake Nhlabane

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: No

Threats: yes

What threats: RBM mining

RECORDING:

Graphic record: None

Digital pictures:

Tracings :

Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 4 January 2009

Owner: State

References: RBM Jan. 2009 report

DESCRIPTION OF SITE AND ARTEFACTUAL CONTENT.

Scatter of shell and pottery. Shell = P. perna. Pottery has lip punctates suggesting LIA