

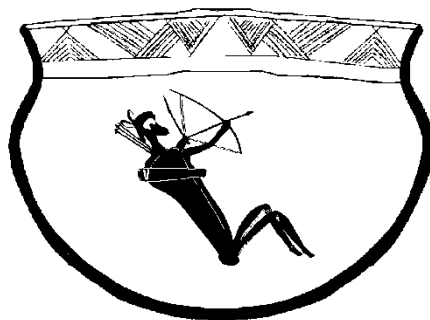
# **The Archaeological Survey of the Zulti North Mining Lease**

***For Richards Bay Minerals***

**Date: 30 September 2010**

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

**PO Box 102532, Meerensee, 3901**



Umlando undertook its monthly archaeological surveys of the Zulti North Mining lease on 10 and 28 September 2010.

## **MINING POND A**

No new sites recorded.

## **MINING POND C**

### **MPC 90**

MPC 90 is located just south of the current location of MPC. It consists of two small shell middens, mainly brown mussel and *Patella* spp. One hammer stone and some white beach sandstone grinding stone fragments were noticed on the surface.

The site is of low significance and no further mitigation is required.

### **MPC 91**

MPC 91 is located approximately 200m further towards the ocean, from MPC 90, on the first dune cordon from the sea. It was exposed by bush clearance, but the surface shell is still visible. The site consists of two, now dispersed, middens. The middens consist mainly of brown mussel.

The site is of low significance and no further mitigation is required.

### **MPC 92**

MPC 92 is located on the beach road, near the current location of MPC. It consists of a single brown mussel midden in the middle of the track.

The site is of low significance and no further mitigation is required.

### **MPC 93**

MPC 93 is located close to MPC 92, on the second dune cordon from the beach. The site consists of an intact midden next to the road. The midden is mainly brown mussel and limpets. There is lots of pottery scattered on the surface, also grinding stones.

The site is of medium significance and should be mitigated.

Mitigation: Test pits, sampling and monitoring.

### **MPC 94**

MPC 94 is located approximately 150m further along the same track as MPC 93. The site consists of what appears to be at least three intact middens, mainly brown mussel. There're also grinding stones on the surface.

The site is of medium significance and should be mitigated.

Mitigation: Test pits, sampling and monitoring.

### ***MINING POND D***

No new sites recorded.

### ***MINING POND E***

No new sites recorded.

### ***AMS***

No new sites recorded.

## **CONCLUSION**

The September 2010 survey yielded five new sites, of which two will need mitigation in the form of test pits. These sites will be described in greater detail in the excavation reports. These excavations will commence in October. Several previously recorded sites were re-visited. All sites will be monitored in the future for as long as it remains possible.

***APPENDIX A***  
***SITE RECORD FORMS***

## UMLANDO ARCHAEOLOGICAL SITE RECORD FORM



Umlando: Archaeological Tourism  
& Resource Management  
P.O. Box 102532, Meer-en-See, 3901

Ph: 035-7931785 / 0836585362 / 0723481327

SITE CATEGORY: (X where applicable)

Stone Age:

Early Iron Age:

Late Iron Age: x

Historical Period:

Recorder's Site No.: MPC 90

Official Name:

Local Name:

Map Sheet:

GPS reading: S: 28 35.457 E: 32 20.304 Alt: 66m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPC 90 is located just south of the current location of MPC.

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: 10/09/2010

Owner:

References:

Description of site and artefactual content.

It consists of 2x small shell middens, mainly brown mussel and *Patella* spp. 1x Hammer stone and some wbs fragments were noticed on the surface.

## UMLANDO ARCHAEOLOGICAL SITE RECORD FORM



Umlando: Archaeological Tourism  
& Resource Management  
P.O. Box 102532, Meer-en-See, 3901

Ph: 035-7531785 / 0836585362 / 0723481327

SITE CATEGORY: (X where applicable)

Stone Age:

Early Iron Age:

Late Iron Age:

Historical Period: x

Recorder's Site No.: MPC 91

Official Name:

Local Name:

Map Sheet:

GPS reading: S: 28 35.568 E: 32 20.281 Alt: 59m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPC 91 is located approximately 200m further towards the ocean, from MPC 90, on the first dune cordon from the 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: 10/09/2010

Owner:

References:

Description of site and artefactual content.

It was levelled by bush clearance, but surface shell is still visible. The site consists of 2x, now dispersed, middens. The middens consist mainly of brown mussel.

## UMLANDO ARCHAEOLOGICAL SITE RECORD FORM



Umlando: Archaeological Tourism  
& Resource Management  
P.O. Box 102532, Meer-en-See, 3901

Ph: 035-7531785 / 0836585362 / 0723481327

SITE CATEGORY: (X where applicable)

Stone Age:

Early Iron Age:

Late Iron Age: x

Historical Period: x

Recorder's Site No.: MPC 92

Official Name:

Local Name:

Map Sheet:

GPS reading: S: 28 35.445 E: 32 20.392 Alt: 49m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPC 92 is located on the beach road, near the current location of MPC.

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: 10/09/2010

Owner:

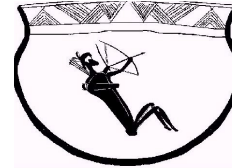
References:

Description of site and artefactual content.

It consists of a single brown mussel midden in the middle of the track.



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SITE CATEGORY: (X where applicable)

Stone Age:

Early Iron Age: x?

Late Iron Age: x

Historical Period:

Recorder's Site No.: MPC 93

Official Name:

Local Name:

Map Sheet:

GPS reading: S: 28 35.357 E: 32 20.429 Alt: 63m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPC 93 is located close to MPC 92, on the second dune cordon from the beach.

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: Yes. Test pits, sampling and monitoring.

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: 10/09/2010

Owner:

References:

Description of site and artefactual content.

The site consists of an intact midden next to the road. The midden is mainly brown mussel and limpets. There is lots of pottery scattered on the surface, also grinding stones.

## UMLANDO ARCHAEOLOGICAL SITE RECORD FORM



Umlando: Archaeological Tourism  
& Resource Management  
P.O. Box 102532, Meer-en-See, 3901

Ph: 035-7531785 / 0836585362 / 0723481327

SITE CATEGORY: (X where applicable)

Stone Age:

Early Iron Age:

Late Iron Age: x

Historical Period:

Recorder's Site No.: MPC 94

Official Name:

Local Name:

Map Sheet:

GPS reading: S: 28 35.297 E: 32 20.454 Alt: 65m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPC 94 is located approximately 150m further along the same track as MPC 93.

SITE DESCRIPTION:

Type of Site: Open

Merits conservation: Yes. Test pits, sampling and monitoring.

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: 10/09/2010

Owner:

References:

Description of site and artefactual content.

The site consists of what appears to be at least 3x intact middens, mainly brown mussel. There're also grinding stones on the surface.

