The Archaeological Survey of the Zulti North Mining Lease

For Richards Bay Minerals

Date: 28 October 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 20 and 28 October 2010.

MINING POND A

No new sites recorded.

MINING POND C

MPC 95

MPC 95 is located on the first dune cordon, close to the current location of MPC. It consists of a dispersed shell midden, of mainly brown mussel, exposed by road clearance.

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

MINING POND D

MPD 96

MPC 96 is located between two high dunes, in a valley. It was exposed by bush clearance, but the surface shell is still visible. The site consists of one, now dispersed, midden. The midden consists mainly of brown mussel. An upper grinding stone and an ephemeral scatter of pottery are visible on the surface.

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

MINING POND E

MPE 103

MPE 103 is located on the road past Sokhulu Reservoir. It consists of a dispersed brown mussel midden and an ephemeral scatter of pottery.

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

MPE 104

MPE 104 is located NW of MPE 103. It consists of an *in situ* brown mussel midden, with some oyster. A juvenile human burial was located at this site. There is also a surface scatter of pottery, white beach sandstone grinding stone fragments, grinding stones and bovid bone.

The site is of high significance due to the human burial. Both the burial and the midden are currently being excavated.

MPE 105

MPE 105 is located 50 m east of MPE 104. It consists of a single shell midden and an ephemeral scatter of pottery.

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

MPE 106

MPE 106 is located 100 m uphill from the Sokhulu Reservoir. It consists of a scatter of brown mussel and pottery on the surface.

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

MPE 107

MPE 107 is located approximately 300 m east of MPE 106. It consists of a single dispersed midden, mainly brown mussel and an ephemeral scatter of surface pottery.

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

MPE 108

MPE 108 is located approximately 400 m north of MPE 107. It's an extensive site that forms a general settlement with MPE 109 and MPE 110. It consists of at least 4 shell middens, surface pottery, smoothed pebbles and bone.

The site is of medium significance and will need to be mitigated in the form of test-pits.

MPE 109

MPE 109 is located in the same area as MPE 108 and MPE 110. It consists of a scatter of surface shell, pottery and possible human remains fragments.

The site forms part of the previously mentioned settlement and will need to be excavated.

The site is of medium significance, possibly high significance, if the human remains can be located.

MPE 110

MPE 110 is located close to MPE 108 and MPE 109. It forms part of the same extensive settlement and consists of an old kraal and some surface pottery and shell.

The site is of medium significance and should be excavated.

MPE 111

MPE 111 is located on the second dune cordon from the beach. It consists of an open, grassy area, grinding stones on the surface, as well as white beach sandstone grinding stone fragments and an oyster midden. The grassed area appears to be a historical kraal.

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

MPE 112

MPE 112 is located approximately 200 m west of Sokhulu Reservoir. It consists of a dispersed brown mussel midden, surface pottery and white beach sandstone grinding stone fragments.

The site is currently of low significance, but should be monitored in future, to remain certain that there is no change in significance as more of the site is exposed.

MPE 113 (Previously recorded as MPE 91)

MPE 113 (MPE 91) is located near MPE 107. It consists of an *in situ* shell midden, mainly brown mussel, as well as surface pottery, bone and an upper grinding stone.

The site is of medium significance and should be mitigated in the form of test pits.

MPE 114

MPE 114 is located close to MPE 113. It consists of several dispersed shell middens over two levels of a high dune, mainly brown mussel.

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

MPE 115

MPE 115 is located approximately 150 m West of MPE 111. It consists of a partially intact shell midden, very deep below the surface. The midden is ~2m below the surface and was exposed by the road cutting. There are some burnt shell and pottery visible in the slumped area.

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

MPE 116

MPE 116 is located 140 m East of MPE 107. It consists of an intact shell midden, mainly brown mussel and pottery.

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

AMS

AMS 23

AMS 23 is located close to the current location of AMS C, on a high dune. It consists of a scatter of brown mussel.

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

AMS 24

AMS 24 is located on the saddle between two high dunes above the current location of AMS C. It consists of at least four dispersed middens, whelk, burnished pottery, smoothed pebbles, an upper grinding stone and white beach sandstone grinding stone fragments on the surface.

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

CONCLUSION

The October 2010 survey yielded 18 new sites, of which 5 will need mitigation in the form of test pits and one will need to be monitored and sampled. These sites will be described in greater detail in the excavation reports. These excavations are already underway and will continue into December. Several previously recorded sites were revisited. All sites will be monitored in the future for as long as it remains possible.

APPENDIX A SITE RECORD FORMS

Umlando: Archaeological Tourism & Resource Management Po. Box 102532, Meeren-See, 3001 Ph: 035-53175 / 0836585326 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPC 95

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 35.623 E: 32 20.173 Alt: 78 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPC 95 is located on the first dune cordon, close to the current location of MPC. It consists of a dispersed shell midden, mainly brown mussel, exposed by road clearance.

SITE DESCRIPTION:

Type of Site: Open. Midden 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: 21/10/10

Owner: References:

It consists of a dispersed shell midden, mainly brown mussel, exposed by road clearance.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

Umlando: Archaeological Tourism & Resource Management P-O. Box 102323, Meer-n-8ee, 3001 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.: MPD 96

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 35.103 E: 32 20.421 Alt: 39 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPC 96 is located between two high dunes, in a valley. It was exposed by bush clearance, but the surface shell is still visible.

SITE DESCRIPTION:

Type of Site: Open. Midden. 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: 27/10/10

Owner: References:

The site consists of one, now dispersed, midden. The midden consists mainly of brown mussel. An ugs and an ephemeral scatter of pottery are visible on the surface.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

Umlando: Archaeological Tourism & Resource Management P.O. Box 102322, Meers – See, 3001 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.: MPE 104

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.532 E: 32 22.182 Alt: 96 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 104 is located NW of MPE 103.

SITE DESCRIPTION:

Type of Site: Open. Middens. Burial. Merits conservation: Yes. Test pits

Threats: Yes

What threats: RBM Mining

RECORDING:

Graphic record: Yes. Digital.

Digital pictures: Tracings : Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 20/10/10

Owner: References:

It consists of an *in situ* brown mussel midden, with some oyster. A juvenile human burial was located at this site. There is also a surface scatter of pottery, wbs fragments, grinding stones and bovid bone.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

Umlando: Archaeological Tourism & Resource Management P.O. Box 102323, Meer-n-Sec, 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.: MPE 105

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.560 E: 32 22.200 Alt: 96m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 105 is located 50 m East of MPE 104.

SITE DESCRIPTION:

Type of Site: Open. Midden. 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: 20/10/10

Owner: References:

It consists of a single shell midden and an ephemeral scatter of pottery.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

Umlando: Archaeological Tourism A. Resource Management P.O. Box 19230, Meer-en-Sec, 3901
Ph: 035-751785 / 0836585362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPE 106

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.422 E: 32 22.217 Alt: 94 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

100 m uphill from Sokhulu Reservoir.

SITE DESCRIPTION:

Type of Site: Open. Midden. 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: 20/10/10

Owner: References:

Description of site and artefactual content.

It consists of a scatter of brown mussel and pottery on the surface.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

Umlando: Archaeological Tourism & Resource Management P.O. Box 10232, Meer-en-9ea, 3901 Ph: 033-7531785 / 0836585362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPE 107

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.506 E: 32 22.327 Alt: 124 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 107 is located approximately 300 m East of MPE 106.

SITE DESCRIPTION:

Type of Site: Open. Midden. 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: 20/10/10

Owner:

References:

Description of site and artefactual content.

It consists of a single dispersed midden, mainly brown mussel and an ephemeral scatter of surface pottery.

UMLANDO ARCHAEOLOGICAL SITE RECORD FORM

Umlando: Archaeological Tourism & Resource Management P.O. Box 102523, Meer-n-Sec, 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.: MPE 108

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.272 E: 32 22.389 Alt: 134 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 108 is located approximately 400 m North of MPE 107.

SITE DESCRIPTION:

Type of Site: Open. Midden.

Merits conservation: Yes. Test-pits.

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: 20/10/10

Owner:

References:

Description of site and artefactual content.

It's an extensive site that forms a complex with MPE 109 and MPE 110. It consists of at least 4 shell middens, surface pottery, smoothed pebbles and bone.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-a-Res, 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.: MPE 109

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.304 E: 32 22.393 Alt: 142 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 109 is located in the same area as MPE 108 and MPE 110.

SITE DESCRIPTION:

Type of Site: Open. Midden. Possible grave.

Merits conservation: Yes. Test-pits.

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: 20/10/10

Owner: References:

Description of site and artefactual content.

It consists of a scatter of surface shell, pottery and possible human remains fragments.

The site forms part of the previously mentioned complex and will need to be excavated.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-en-See, 3901 Ph: 039-7531785 / 083655362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPE 110

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.260 E: 32 22.416 Alt: 135 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 110 is located close to MPE 108 and MPE 109

SITE DESCRIPTION:

Type of Site: Open. Kraal. Midden.

Merits conservation: Yes

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: 20/10/10

Owner: References:

Description of site and artefactual content.

It forms part of the same extensive complex and consists of an old kraal and some surface pottery and shell.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-en-Sec, 3901 Ph: 035-7531785 / 083655362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPE 111

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32 24.6 E: 32 22 35.1 Alt: 112 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

SITE DESCRIPTION:

Type of Site: Open. Midden. 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: 20/10/10

Owner: References:

Description of site and artefactual content.

It consists of an open, grassy area, grinding stones on the surface, as well as wbs fragments and an oyster midden.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102323, Meer-Rese, 3001 Ph: 035-7531785 / 0836595362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPE 112

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.605 E: 32 21.979 Alt: 92 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 112 is located approximately 200 m west of Sokhulu Reservoir.

SITE DESCRIPTION:

Type of Site: Open. Midden. Merits conservation: Monitor

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: 20/10/10

Owner: References:

Description of site and artefactual content.

It consists of a dispersed brown mussel midden, surface pottery and WBS fragments.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-Aee, 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.: MPE 113 (Previously recorded as MPE 91)

Official Name: Local Name: Map Sheet:

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 113 is located near MPE 107.

SITE DESCRIPTION:

Type of Site: Open. Midden. Merits conservation: Test-pits

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: 27/10/10

Owner: References:

Description of site and artefactual content.

It consists of an *in situ* shell midden, mainly brown mussel, as well as surface pottery, bone and an ugs.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-en-See, 3901 Ph: 039-7531785 / 083655362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPE 114

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.663 E: 32 22.259 Alt: 124 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 114 is located close to MPE 113. It consists of several dispersed shell middens over two levels of a high dune, mainly brown mussel.

SITE DESCRIPTION:

Type of Site: Open. Midden. 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: 27/10/10

Owner: References:

Description of site and artefactual content.

It consists of several dispersed shell middens over two levels of a high dune, mainly brown mussel.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-s-Res, 3901 Ph: 03x753178s / 0836583362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: MPE 115

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.663 E: 32 22.259 Alt: 124 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 115 is located approximately 150 m West of MPE 111.

SITE DESCRIPTION:

Type of Site: Midden Merits conservation: No

Threats: Yes

What threats: RBM Mining

RECORDING:

Graphic record: Yes. Digital.

Digital pictures: Tracings: Re-drawings:

Recorder/Informant: Name: Gavin and Louise Anderson

Address: PO Box 102532, Meerensee, 3901

Date: 28/10/10

Owner: References:

Description of site and artefactual content.

It consists of a partially intact shell midden, very deep below the surface. It is in fact only visible due to the road cutting. There are some burnt shell and pottery visible.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-8-es, 9901 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.: MPE 116

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 32.592 E: 32 22.393 Alt: 124 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

MPE 116 is located 140 m East of MPE 107.

SITE DESCRIPTION:

Type of Site: Midden.

Merits conservation: Test-pits

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: 28/10/10

Owner: References:

Description of site and artefactual content.

It consists of an intact shell midden, mainly brown mussel and pottery.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102332, Meer-en-Sec, 3991 Ph: 033-7531785 / 0836585362 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: AMS 23

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 34 14.8 E: 32 21 00.8 Alt: 51 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

AMS 23 is located close to the current location of AMS C, on a high dune

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: 21/10/10

Owner: References:

Description of site and artefactual content.

It consists of a scatter of brown mussel.

Umlando: Archaeological Tourism & Resource Management P.O. Box 102532, Meer-en-Sec, 3901 Ph: 033-7931785 / 083058502 / 0723481327

SITE CATEGORY: (X where applicable)

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

Recorder's Site No.: AMS 24

Official Name: Local Name: Map Sheet:

GPS reading: S: 28 34 06.9 E: 32 21 07.2 Alt: 89 m

DIRECTIONS TO SITE: SKETCH OR DESCRIPTION.

AMS 24 is located on the saddle between two high dunes above the current location of AMS C.

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: 21/10/10

Owner: References:

Description of site and artefactual content.

It consists of at least four dispersed middens, also whelk, burnished pottery, smoothed pebbles, an ugs and wbs fragments on the surface.