

**ARCHAEOLOGICAL ASSESSMENT REPORT
FOR SUBDIVISION RAYTON 1/3,
BLOEMFONTEIN DISTRICT, FREE STATE,
SOUTH AFRICA**

**REPORT FOR BOPA LESEDI MANAGEMENT
CONSULTANTS**

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EXECUTIVE SUMMARY

The area of the proposed townhouse development was surveyed on foot. No sites were discovered within the surveyed area. No further actions in terms of the cultural heritage of the surveyed area are deemed necessary.

Background information on the project

This assesment was requested by Bopa Lesedi Management Consultants.

Consultant:	Bopa Lesedi
Terms of reference:	To carry out an Archaeological Impact Assessment
Legislative requirements:	The Heritage Impact Assessment was carried out in terms of the National Environmental Management Act and following the requirements of the National Heritage Resources Act no. 25 of 1999.

Details of area surveyed

Locational Data:

Map reference:	2926AA
Province:	Free State
Magisterial district:	Bloemfontein
Farm:	Rayton
Footprint:	2.3 ha

Methodology:

The area was searched on foot by a team of five people on Friday 13 July 2007. All observations were recorded by means of a GPS. No sampling was undertaken, and the report is based on a visual inspection of the area. All animal burrows, footpaths and any other ground disturbance were examined for traces of subsurface material.

Details of equipment used in the survey:

GPS: Garmin etrex Summit (5m accuracy)
Digital camera: Sony cybershot

Restrictions encountered during the survey:

Ground surface visibility was reasonable for most of the surveyed area, although grass cover was fairly dense over parts of the area.

Description of area surveyed:

The area is grassland, with fine sandy soil, no rock outcrops were observed. Various disturbances have already occurred on the surveyed area. These are in the form of a pipeline, telephone lines and a scraped hollow (see map). The area is currently used as a paddock. Horses were seen on the on the fenced-off property during the conduction of the survey. No structures were observed on the property. However, at some stage aloes (sisal plants) were grown in a square around the edge of part of the surveyed area (this used

to be an effective form of making a stock pen). Two remaining “sides” are visible in northeast section of this property.

Background to the Archaeology of the area

No known sites have been recorded in the immediate vicinity of the property.

The property does, however lie within the corridor between the Tempe military camp and the area now known to have been part of military activity during the South African War (Henderson 2004). However, no artefacts relating to military activities were found on the property.

The surveyed area falls within a greater area known for Middle Stone Age material (Henderson 2004).

Description of sites and material observed

Description of sites:

No sites were found in the surveyed area.

Four aligned rocks were noted near to a disturbed area against the southern fence of the property. However, these rocks do not relate to a substantial feature, and are not indicated as a site.

Description of material:

Four stone artefacts were discovered; these artefacts consist of three undiagnostic flakes and one attempted core (See Table 1). They possibly relate to the Middle Stone Age, and would therefore fit the pattern known for the larger area. These artefacts are of the same raw material as the flakes found on the adjacent property.

Lithic:	Description:	Location:
Flake	Very Weathered, Plain Platform, Broken, Utilized-Left lateral	Eastern part of southern border of surveyed area
Flake	Very Weathered, Simple Faceted Platform, Broken, Utilized-Left lateral, Old brake	Eastern part of southern border of surveyed area
Flake	Very Weathered, Indeterminate Platform, Broken	Eastern part of southern border of surveyed area
Core?	Weathered, Attempted core, 2 flake removals	Eastern part of southern border of surveyed area

Table 1: Detailed description of stone artefacts found on surveyed area, Rayton 1/3, Bloemfontein District, Free State, South Africa

Various metal fence posts were also encountered, an indication that the area has been fenced off many times in the past, presumably for the grazing of animals.

Distribution of material:

Although the four flakes were found close proximity to each other (see map), they are not deemed to represent a site. Various other metal posts were also found lying

abandoned on the property. They do not, however, have any cultural significance, but rather relate to recent human activity on the property.

Statement of Significance (Heritage Value)

The artefacts were not diagnostic, nor were they found in situ. Their heritage value is therefore very low.

Field Rating

The artefacts found were not in situ, and no patterning in the distribution could be determined. Other material observed on the surface relate to recent human activity (ie less than 60 years).

As there are no sites on the property, no field rating is ascribed.

Risk preventative measures associated with construction

No measures are required during construction.

Recommendations

We recommend that the proposed development on Rayton 1/3 proceed as applied for.

NOTE: Should the developer encounter any heritage resources, not reported on in this document, and as defined and protected by the NHRA (1999) during the course of development, the developer should immediately cease operation in the immediate vicinity and report the site to SAHRA or an ASAPA accredited CRM archaeologist.

Reference

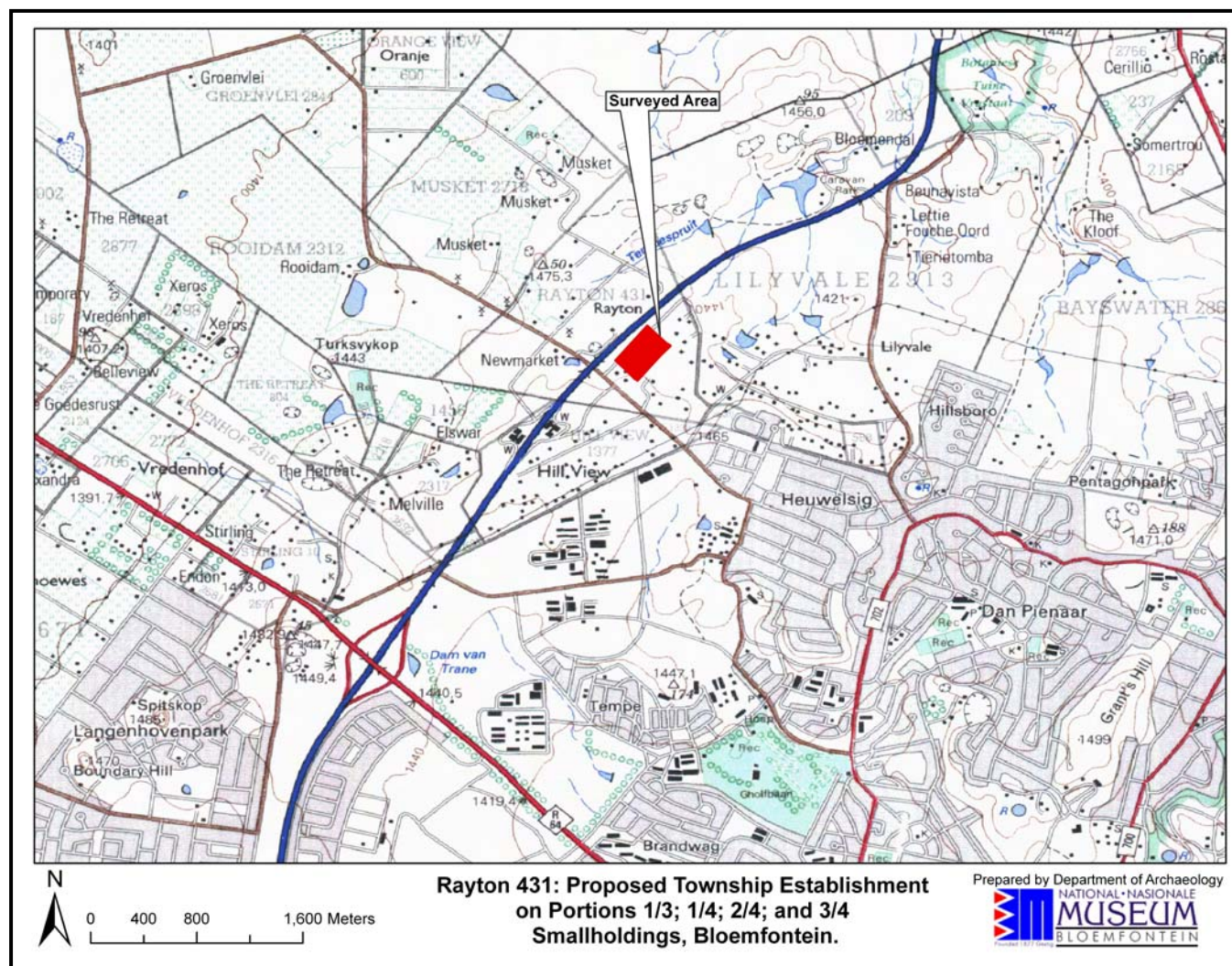
Henderson, Z.L. 2004. Report on the Archaeological Survey of subdivision 7, remainder and portion of subdivision 25, of the farm Lilyvale 2313, Bloemfontein. Unpublished document, lodged with SAHRA and the National Museum.

Terms used

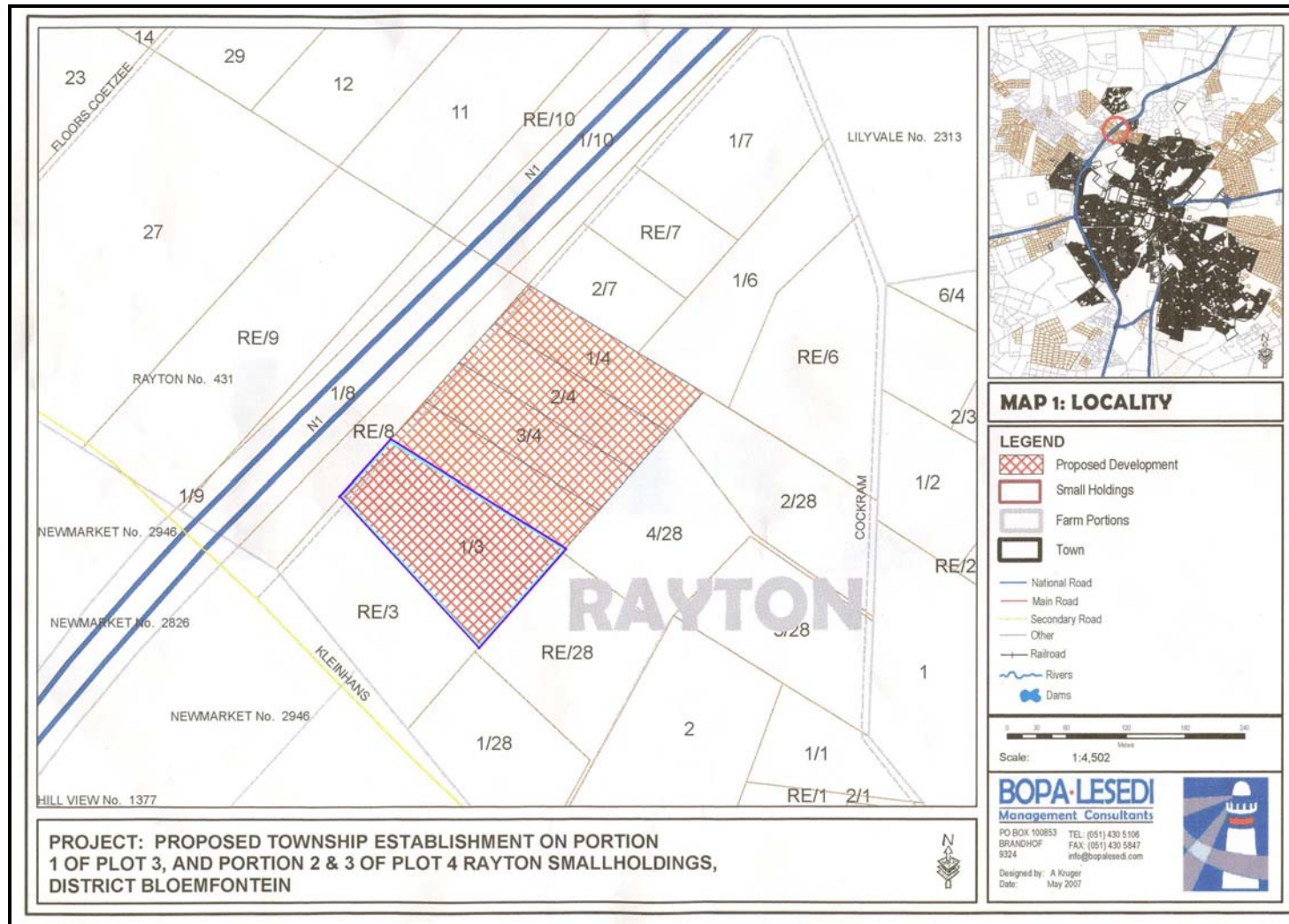
Middle Stone Age: this is an archaeological term used to refer to a time period dating to between 250 000 and 25 000 years ago.

Legend to maps

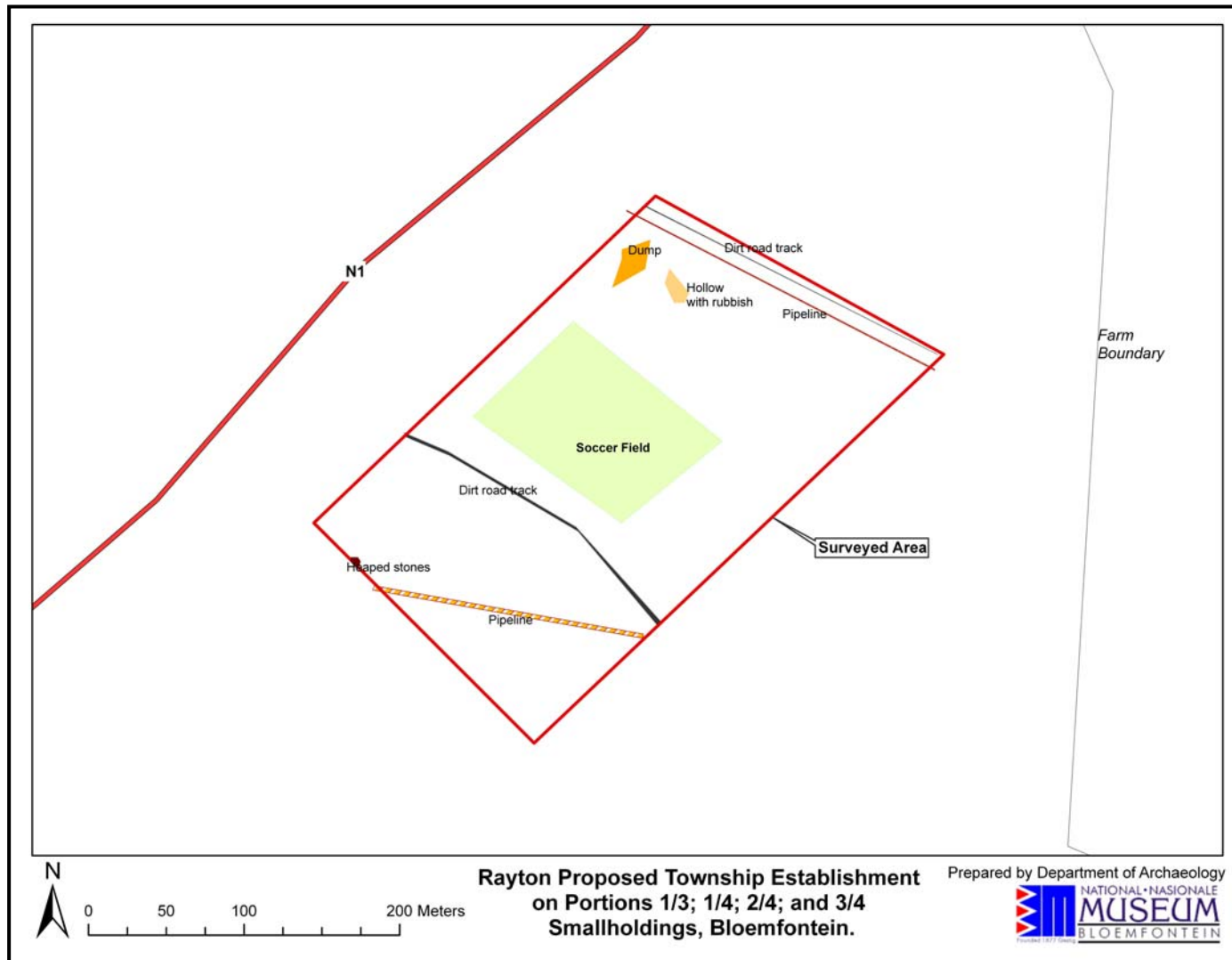
Description	South	East
SE corner of surveyed area	29°04'16.7"	26°11'19.5"
Pipeline in south (S end)	29°04'13.5"	26°11'16.2"
Hollow/Heap/Packed stones	29°04'12.9"	26°11'15.8"
SW corner of surveyed area	29°04'12.1"	26°11'14.9"
Pipeline in south (E end)	29°04'14.5"	26°11'21.8"



Map 1: LOCATION OF SURVEYED AREA, RAYTON 1/3, BLOEMFONTEIN DISTRICT, FREE STATE, SOUTH AFRICA



Map 2: CLOSE UP OF SURVEYED AREA, RAYTON 1/3, BLOEMFONTEIN DISTRICT, FREE STATE, SOUTH AFRICA



Map 3: DETAIL OF SURVEYED AREA, RAYTON 1/3, BLOEMFONTEIN DISTRICT, FREE STATE, SOUTH AFRICA

Photo Gallery



Photo 1: General view of surveyed from north



Photo 2: General view of surveyed area from west



Photo 3: Western view of aloe boundary situated in the east of the surveyed area



Photo 4: South-western view of aloe boundary situated in the east of the surveyed area



Photo 5: View of pipeline



Photo 6: View of metal fence post



Photo 7: View of metal fence posts, still in use



Photo 8: View of packed rock line



Photo 9: View of telephone cables, showing current disturbances on the surveyed area



Photo 10: Stone artefacts (See Table 1)