

**A PHASE 1 ARCHAEOLOGICAL IMPACT ASSESSMENT OF
TWO PROPOSED BORROW PITS ALONG THE DR1154
RIEBEEK KASTEEL**

Prepared for

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Executive summary

A Phase 1 Archaeological Impact Assessment of two proposed borrow pits along the DR1154 near Riebeek Kasteel in the Western Cape Province has identified no significant impacts to pre-colonial archaeological material that will need to be mitigated prior to the proposed development activities.

The specialist Phase 1 Archaeological Impact Assessment has rated the potential impacts to archaeological material as being low to negligible.

1. INTRODUCTION

1.1 Background and brief

Megan Anderson Landscape Architects requested that the Agency for Cultural Resource Management conduct a Phase 1 Archaeological Impact Assessment (AIA) of two proposed borrow pits along the DR1154 near Riebeek Kasteel, in the Western Cape Province.

The extent of the proposed development falls within the requirements for an archaeological impact assessment as required by Section 38 of the South African Heritage Resources Act (No. 25 of 1999).

The aim of the study is to locate, identify and map archaeological heritage remains that may be negatively impacted by the planning and implementation of the proposed project, and to propose measures to mitigate against the impact.

2. TERMS OF REFERENCE

The terms of reference for the archaeological study were:

- to determine whether there are likely to be any archaeological sites of significance within the proposed sites;
- to identify and map any sites of archaeological significance within the proposed sites;
- to assess the sensitivity and conservation significance of archaeological sites within the proposed sites;
- to assess the status and significance of any impacts resulting from the proposed development, and
- to identify mitigatory measures to protect and maintain any valuable archaeological sites that may exist within the proposed sites

3. THE STUDY SITE

A 1:50 000 locality map indicating the proposed borrow pits is illustrated in Figure 1.

The proposed borrow pits are located alongside the DR1154 near the town of Riebeek Kasteel in the Western Cape Province.

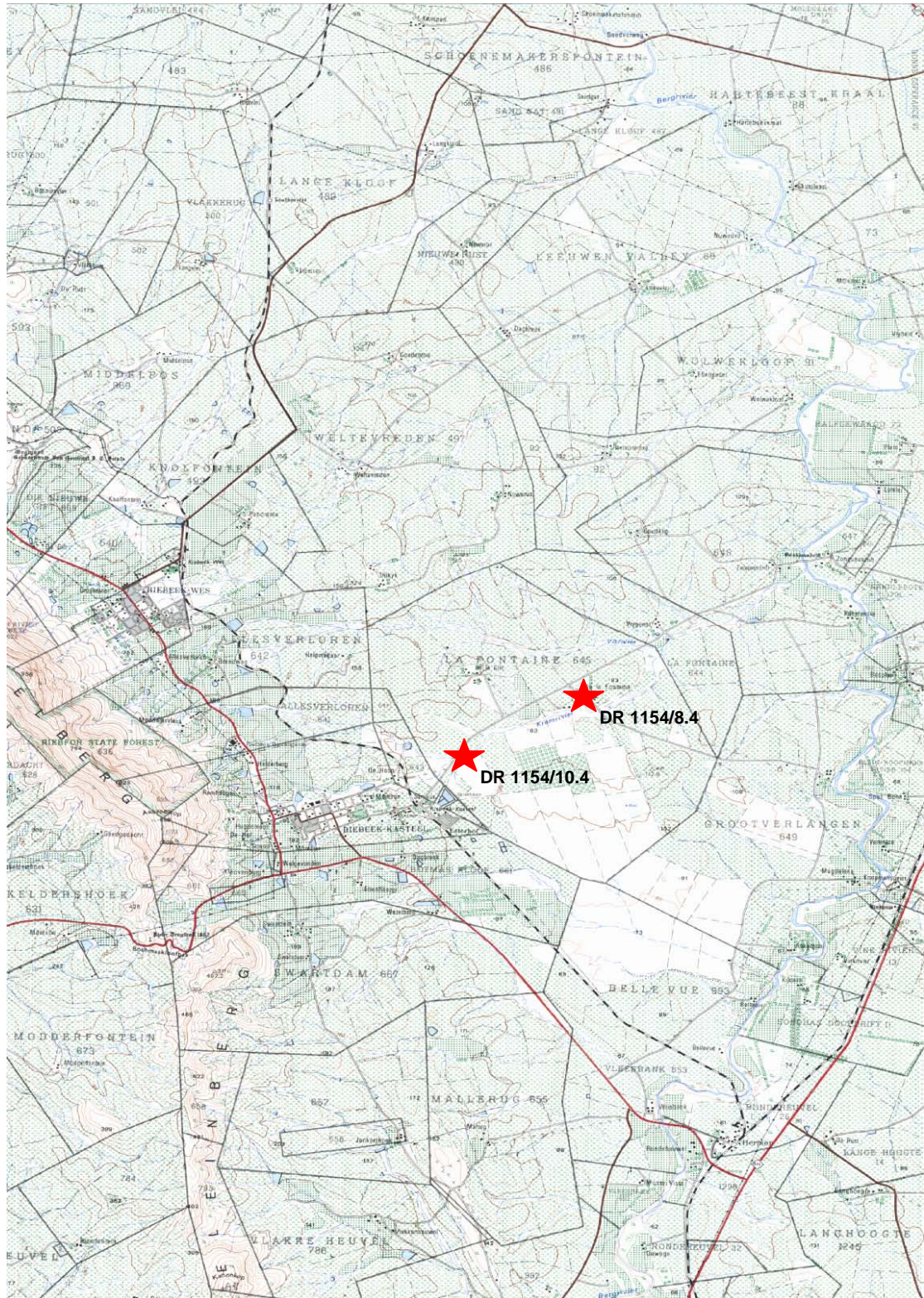


Figure 1. Locality Map (1:50 000 Map Ref. No. 3318BD Riebeek Kasteel)

4. APPROACH TO THE STUDY

4.1 Method of survey

The approach followed in the archaeological study entailed a foot survey of the proposed borrow pits.

The site visit and assessment took place on the 6th of December 2005.

5. LIMITATIONS

There were not limitations associated with the proposed project.

6. LEGISLATIVE REQUIREMENTS

6.1 The National Heritage Resources Act (Act No. 25 of 1999)

...any development or other activity which will change the character of a site exceeding 5 000m², or the rezoning or change of land use of a site exceeding 10 000 m², requires an archaeological impact assessment in terms of the National Heritage Resources Act (No. 25 of 1999).

6.1.1 Archaeology (Section 35 (4))

No person may, without a permit issued by the SAHRA or Heritage Western Cape, destroy, damage, excavate, alter or remove from its original position, or collect, any archaeological material or object.

6.1.2 Burial grounds and graves (Section 36 (3))

No person may, without a permit issued by SAHRA or Heritage Western Cape, destroy, damage, alter, exhume or remove from its original position or otherwise disturb any grave or burial ground older than 60 years, which is situated outside a formal cemetery administered by a local authority.

7. IMPACT ASSESSMENT AND DESCRIPTION

DR1154/10.4 L (GPS Reading S 33° 22.315 E 18° 55 445)

The proposed site is located on alongside DR1154, on the right hand side of the road (Figures 2 & 3). The slightly sloping site comprises low grass veld (old grazing lands), bordered by thick alien vegetation alongside a small stream. A stockpile of material from a large scrape occurs alongside DR1154. No kopjes, rocky outcrops or other significant landscape features occur on the proposed site.

No archaeological heritage remains were located in the proposed footprint.



Figure 2. DR1154/10.4 L. The site facing east.



Figure 3. DR1154/10.4 L. The site facing south west.

DR1154/8.4 L (GPS Reading S 33° 21 718 E 18° 56 585)

The proposed site is located alongside the DR1154 on the right hand side of the road (Figures 4 & 5). The flat site comprises grazing lands. A small channel feeds into an existing dam on the site. No kopjes, rocky outcrops or other significant landscape features occur on the proposed site.

No archaeological heritage remains were located in the proposed footprint.



Figure 4. DR1154/8.4 L. The site facing east.



Figure 5. DR1154/8.4 L. The site facing south west.

8. IMPACT STATEMENT

The impact of the proposed project on important archaeological heritage remains is likely to be low to negligible.

The probability of locating significant archaeological heritage remains during implementation of the project is likely to be improbable.

9. CONCLUSION

The Phase 1 Archaeological Impact Assessment of two proposed borrow pits alongside the DR1154 near Riebeeek Kasteel has identified no significant impacts to pre-colonial archaeological material that will need to be mitigated prior to the proposed development activities.

10. RECOMMENDATIONS

No archaeological mitigation is required.