

**PHASE 1 ARCHAEOLOGICAL IMPACT ASSESSMENT OF WARMWATERBERG SPA
ON PORTIONS 5 & 8 OF UITVLUCHT 17, SWELLENDAM, OVERBERG, WESTERN
CAPE**

for

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EXECUTIVE SUMMARY

This archaeological impact assessment of the extension of Warmwaterberg Spa on portions 5 & 8 of Uitvlucht 17, Swellendam, Overberg, Western Cape, undertaken in fulfillment of the requirements of Section 38 of the National Heritage Resources Act (No 25 of 1999).

No archaeologically significant resources were found during the foot survey and field rating of Generally Protected C: This site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance). However it is recommended that should any archaeological material be found during preparation and construction of the property, the archaeologists should be notified immediately. All work must cease until an archaeologist determined the significance of the finds.

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1. BACKGROUND INFORMATION ON THE PROJECT

This Archaeological Impact Assessment is part of an Environmental Impact Assessment to be submitted to DEA&DP and Heritage Western Cape. The developers propose the extension of Warmwaterberg Spa on portions 5 & 8 of Uitvlucht 17, Swellendam, Overberg, Western Cape (Figure 1). Portion 5, an area of 28.5 ha, will be used primarily as a caravan camping area. The proposal includes the building of a 'rock pool' around the existing two fountains. The camping area will make provision for 15 stands, catering for 6 people each. Facilities will include reed privacy dividers for showers, toilets and wash basin. Septic tanks will be built for every two stands. No electric power will be provided. A further 7 stands and ablution block will be built on the more level area of the portion. The area also has extant 4x4 routes. Portion 8 of Uitvlucht 17 is 8314m² and is known as the old school terrain. Portion 8 has an old school building (10m x 30m) which is over 100 years old. It is currently used for worship, dances and conferences despite being slightly dilapidated.

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Legislation and Terms of reference

The national legal framework for the protection and management of the cultural environment is the National Heritage Resources Act (NHRA) Act No. 25 of 1999, and also the legal and policy frameworks aimed at the protection of the environment, e.g. the Environment Conservation Act (ECA) (Act No. 73 of 1989) and associated EIA regulations and the National Environmental Management Act (NEMA) (Act No. 107 of 1998). Section 38 of the NHRA requires heritage assessments as a stand-alone or as a specialist component of the EIA process.

A phase 1 archaeological impact assessment for the Warmwaterberg Spa development has been undertaken in fulfillment of the requirements of Section 38 of the National Heritage Resources Act (No 25 of 1999). The area to be affected by the proposed development, additional infrastructure such as landscaping, excavation and construction work has been surveyed.

2. DESCRIPTION OF THE PROPERTY & METHODOLOGY

The property as recorded on the 1:50 000 3320 Warmwaterberg map, (Figure 2), magisterial district of Swellendam. The property can be accessed by turning west from the R62 at Ronnies Sex Shop and following the directions for Warmwaterberg Spa. One archaeologist traversed this area on foot for three hours on Thursday 20 August 2009. GPS readings were taken using a Garmin GPS60 (map datum WGS84) with an accuracy of 4-6 meters.

The terrain on portion 5 is generally eroded but covered with indigenous plants (Figure 3). The erosion is detrimental to the recovery of archaeological material in primary context. Portion 8 is very disturbed and has exotic plant growth (Figure 4).

3. DESCRIPTION OF THE SITES

The area searched on this property are between polygon points (Figure 5):

Waypoint	S	E	ASL (m)	Comment
1	33°46.232'S	20°53.553'E	584	Boundary Point
2	33°46.221'S	20°53.606'E	576	
3	33°46.199'S	20°53.711'E	570	
4	33°46.180'S	20°53.746'E	574	Pottery shard
5	33°46.115'S	20°53.797'E	570	
6	33°46.007'S	20°53.840'E	579	Boundary Point
7	33°46.225'S	20°53.795'E	528	Ruin
8	33°46.168'S	20°53.601'E	518	
9	33°46.138'S	20°53.848'E	506	
10	33°46.222'S	20°53.962'E	476	
11	33°46.274'S	20°54.006'E	466	Boundary Point
12	33°46.060'S	20°54.125'E	453	Boundary Point School are
13	33°46.046'S	20°54.090'E		School area, stone tools
14	33°46.045'S	20°54.065'E	462	School area
15	33°46.035'S	20°54.034'E	468	School area

A pottery shard was found at point 4 (Figure 6). A Shepard's stone shelter was located at point 7 (Figure 7). Stone tools (e.g. Figure 8) were found on the heavily eroded school terrain, which also features the old school building (Figure 9). The stone tool density in the school terrain is roughly 6/m². No palaeontological evidence was found.

4. STATEMENT OF SIGNIFICANCE AND FIELD RATING

No sites of archaeological significance were found. A rating of Generally Protected C (see Appendix) is given: this site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).

5. RECOMMENDATIONS

Monitoring of the Warmwaterberg Spa development when roads are made, excavation for ablution facilities and foundations is recommended.

Should any archaeological material be found during preparation and construction of the property, the archaeologists should be notified immediately. All work must cease until an archaeologist determined the significance of the finds.

6. FIGURES

Figure 1: Proposed development of Warmwaterberg Spa

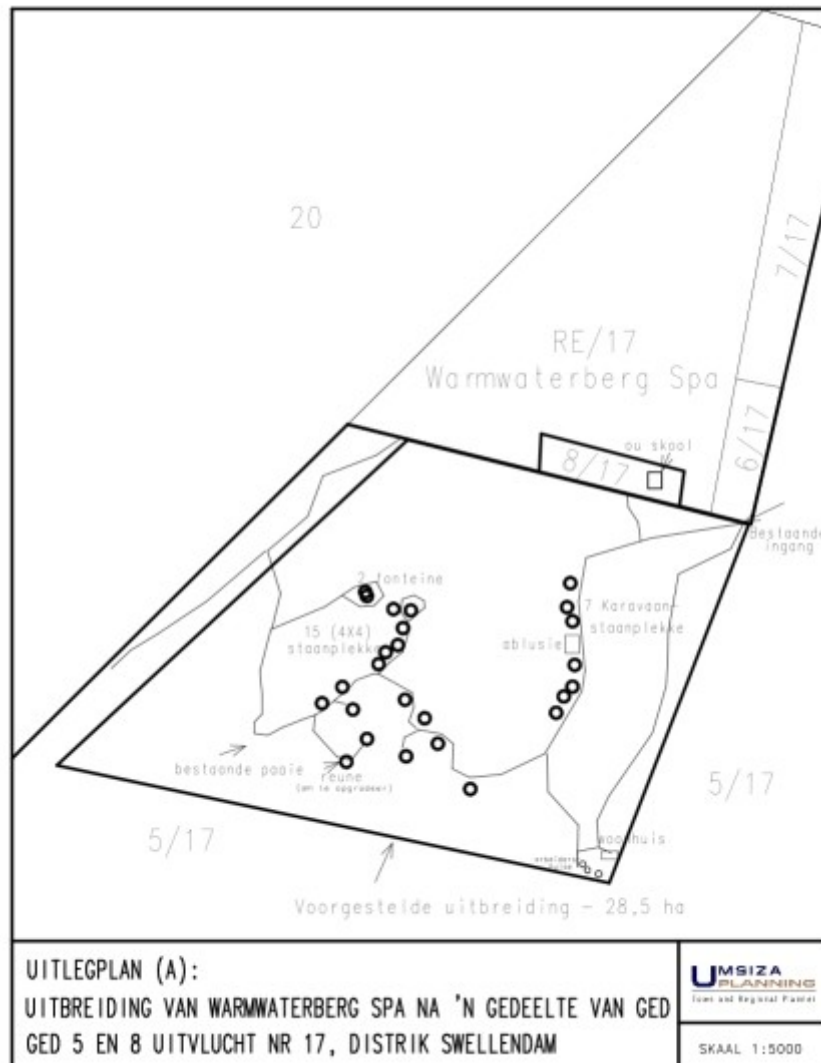


Figure 2: 1:50 000 3320 DD Warmwaterberg

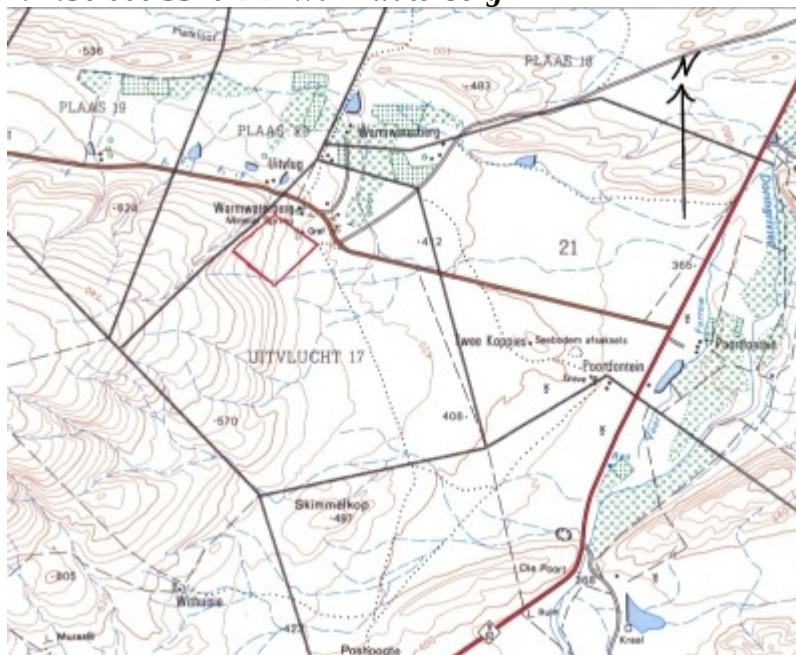


Figure 3: Indigenous growth



Figure 4: Exotic growth and erosion



Figure 5: Waypoints



Figure 6: Pottery shard



Figure 7: Ruin Shepard's Shelter



Figure 8: Stone Tools



Figure 9: Old School building



APPENDIX: FIELD RATING CRITERIA

(Minimum Standards, Heritage Western Cape, April 2006)

- a) National: This site is considered to be of Grade I significance and should be nominated as such.
- b) Provincial: This site is considered to be of Grade II significance and should be nominated as such.
- c) Local: This site is of Grade IIIA significance. Mitigation as part of the development process is not advised. The site should be retained as a heritage site (High significance).
- d) Generally Protected A: This site should be mitigated before destruction (generally High/Medium significance).
- e) Generally Protected B: This site should be recorded before destruction (generally Medium significance).
- f) Generally Protected C: This site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).