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## **ARCHAEOLOGICAL AND HISTORICAL INVESTIGATION OF THE PROPOSED NEW BOREHOLE AND PIPELINE INSTALLATION AT HANOVER, NORTHERN CAPE**

### **INVESTIGATION**

The site for the new borehole and proposed pipeline installation to the existing reservoir at Hanover was visited and inspected on 2 June 2005. Neil Devenish of Cebo Environmental Consultants, Bloemfontein, accompanied me to the site. At Hanover Mr Johan Smith of the Hanover municipality accompanied us to the borehole and the reservoir.

The area was examined for possible archaeological and historical material and to establish the potential impact on any cultural material that might be found. The Heritage Impact Assessment (HIA) is done in terms of the National Heritage Resources Act (NHRA), (25 of 1999) and under the Environmental Conservation Act, (73 of 1989).

### **LOCALITY**

The site for the proposed developments is located on municipal land to the north of Hanover. The developments will include a new borehole (Fig.1) and new pipeline to the existing municipal water reservoir (Fig.3). Developments will be limited to a single trench along the shortest route from the borehole to the reservoir (Fig.4).

The following GPS coordinates (Cape) were taken:

Borehole HAN 04/04	31°03'42"S. 024°26'38"E	Altitude 1384m
Reservoir	31°03'52"S. 024°26'21"E	Altitude 1383m

The area between the new borehole and the reservoir consists of grey soil with short grass and sparsely scattered Karoo bush and shrubs (Fig.2).

## **FINDS**

The area along the route for the proposed new pipeline is sterile and completely bare of any cultural or historical material.

No indication of any archaeological or historical remnants was found in the inspected area.

## **RECOMMENDATIONS**

No obvious reasons could be found to delay the commencement of further planning and development of the site.

After examination by the archaeologist, it is recommended that the proposed developments may proceed.

## **MITIGATION**

Concerning the area for the proposed development, no mitigation measures are needed.

## **ACKNOWLEDGEMENTS**

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**LIST OF ILLUSTRATIONS:**

Fig.1 View from the borehole towards the existing reservoir on top of the hill to the right.



Fig.2 The soil cover of the area consists of short grass and Karoo bush.



Fig.3 The existing reservoir on the hill at Hanover.



Fig.4 A view back from the reservoir towards the borehole.