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ARCHAEOLOGICAL AND CULTURAL HERITAGE ASSESSMENT OF THE PROPOSED RESERVOIR DAM DEVELOPMENTS AT LINDLEY, FREE STATE

EXECUTIVE SUMMARY

A new reservoir dam is planned at Lindley, Free State. The area of development lies adjacent to the existing dam at Lindley.

No archaeological or any cultural remains were found at the site.

Mitigation measures are not necessary and I recommend that the proposed developments and planning of the site may proceed.

INTRODUCTION AND DESCRIPTION

INVESTIGATION

The site for the proposed reservoir dam at Lindley was visited on 20 March 2007. Dr Johan du Preez of MDA Environmental Consultants, Bloemfontein, took me to the site.

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 proposed reservoir development is planned adjacent to the existing town dam at Lindley, Free State (Map 1). The locality of the new development is indicated on Map 2.

The following GPS coordinates (Cape scale) were taken (2727DD) (Surveyor-General 1973):

LDA 27°52'46"S. 027°55'48"E Altitude 1494m (Figs.1-3).

LDB 27°52'40"S. 027°55'43"E Altitude 1466m (Figs.4-6).

LDC 27°52'35"S. 027°55'23"E Altitude 1488m (Figs.7-8).

RESULTS

The planned developments will increase the existing reservoir dam at Lindley, Free State.

The area covers the existing dam wall and water irrigation furrows.

No archaeological or any cultural remains were found at the site during the investigation.

IMPACT ASSESSMENT

No indication of any archaeological or historical material was found in the proposed area.

The reservoir developments at Lindley will have no impact on any archaeological or cultural heritage remains at the site.

RECOMMENDATIONS

There are no obvious reasons to delay the commencement of further planning and development of the site and I recommend that the proposed reservoir developments may proceed.

MITIGATION

Concerning the area for the proposed developments, no mitigation measures will be required.

ACKNOWLEDGEMENTS

I thank Dr Johan du Preez of MDA Environmental Consultants, Bloemfontein, for taking me to the site.

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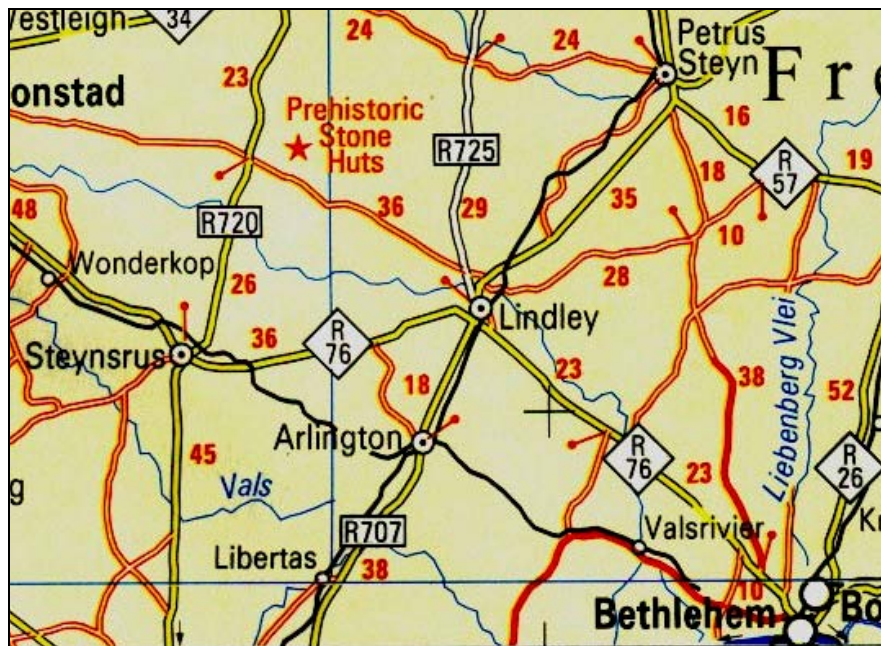
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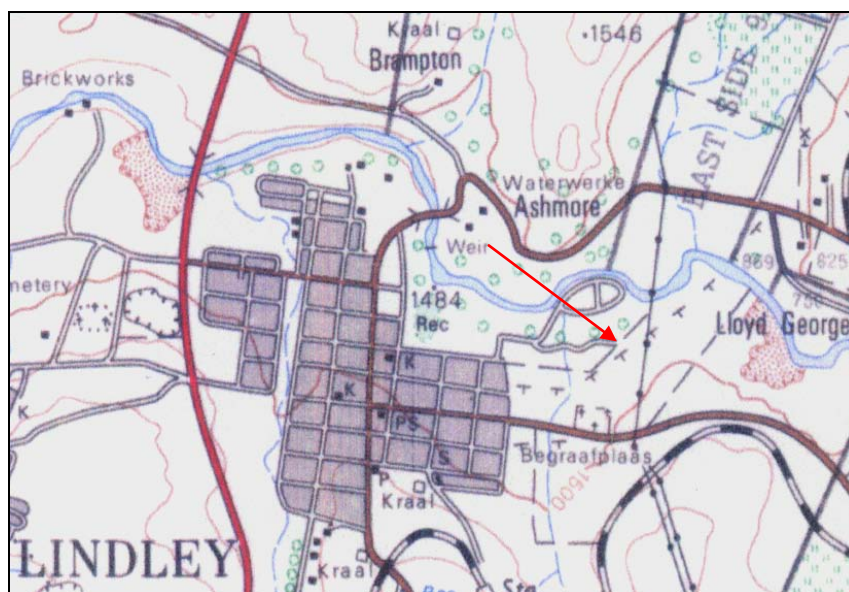
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LIST OF ILLUSTRATIONS:



Map 1 The town of Lindley in relation to Petrus Steyn, Bethlehem, Arlington and Steynsrus.



Map 2 Placing of the new reservoir developments at Lindley.



Fig.1 View from Point LDA across the existing reservoir dam at Lindley.



Fig.2 View across the Lindley town dam at Point LDA.



Fig.3 View from Point LDA. Lindley cemetery at the back (See Map 2).



Fig.4 View from Point LDB.



Fig.5 View at Point LDB.



Fig.6 View along the existing reservoir dam wall.



Fig.7 View from Point LDC.



Fig.8 Entrance to the existing water reservoir dam area from Point LDC.