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TEL (021) 212135 X 4196774	TEL (011) 482 2103/17 FAX 482 3455	TEL (031) 3014455 FAX 3014444	TEL (0391) 22511/2 FAX 824439	TEL (0441) 74 2177/8 FAX 741364	TEL (0443) 291768 FAX 291881	TEL (04457) 3 3200 FAX 3 3200

OFFICE: **George**      OUR REF: **G3636**      YOUR REF:      DATE: **18 January 1995**

*OUR NEW STREET ADDRESS*  
**66 VICTORIA STREET**

Mr I Alder  
P O Box 377  
WILDERNESS  
6560

Dear Sir

**REMAINDER OF ERF 1 : WILDERNESS : GEOTECHNICAL INVESTIGATION**

This report is compiled in accordance with the requirements of the Wilderness Local Council as set out in paragraph 2.3 and the paragraph headed "Rioolbeskikking" of their letter ref. 14/7/2/927 dated 25 August 1994.

The remainder of erf 1, hereinafter called "the site", is located between the national road N2 and the Map of Africa road. The site is somewhat broken but slopes generally to the South East. Slopes vary from 1:7 to 1:1. Only those parts of the site with slopes flatter than 1:4 will be developed.

The site is covered with indigenous bush and trees. The ground surface consists of a layer of rich humus approximately 100 mm thick over clay over weathered rock.

There is no evidence of hard rock on the surface or in trial holes dug at the sites of proposed houses. Trial hole profiles and locality sketch are appended.

The upper reaches of the site is underlain by phyllites, schists, hornstones and quartzites of the Soetkraal member of the Kaaimans formation. The Soetkraal member dips towards the south at between 20° and 35°.

Rock anchors have been used at Dolphin's Point to stabilise the cut slope of the N2 however it is most unlikely that slips in the national road cut will occur that will effect buildings erected at the positions selected on the site. Should rock be encountered in excavations it must not be removed without first consulting a Geotechnical Engineer as the dip is at such an angle that slips could be caused in higher lying materials.

<p>ECTORS</p> <p>B P SCHROEDER R P TWEMLOW W J VAN DER MERWE K G MILLAR J M WILLIAMS R A DURDEN A G POLLARD C A ROSE B N CROSS A B JORDAAN G S T LOWDEN</p>	<p>Pr Eng C Eng MStructE MSAICE MSAACE Pr Eng PhD BSc MICE MStructE MASCE MSAICE MSAACE Pr Sc Nat MSc(Eng Geol) CEng DIC MIMM MSAIEG Pr Eng BSc(Eng) MSAICE MSAACE Pr Eng BSc(Eng) MSAICE MSAACE Pr Eng MICE MSAICE MIHT MSAACE Pr Eng MSc(Eng) BSc(Eng) FSAICE MSAACE Pr Eng BSc(Eng) MSAICE MSAACE Pr Eng BSc(Eng) MSAICE MSAACE Pr Eng MSc BSc(Eng) MSAICE MSAACE</p>	<p>REGIONAL PARTNER</p> <p>CONSULTANT</p> <p>ASSOCIATES</p> <p>SOILS LABORATORIES</p>	<p>P D TOWNSHEND</p> <p>B D WILSON</p> <p>D J AYRES F DU PLESSIS N HIRSCHMAN</p> <p>CAPE TOWN</p>	<p>Pr Eng BSc(Eng) MSAICE MICE FIMESA</p> <p>Pr Eng BSc(Eng) MSAICE</p> <p>L E BAKER G KERR H MARSH</p> <p>PORT SHEPSTONE</p>	<p>LB COX GR TYNDALL G BAKER</p> <p>GEORGE</p>
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