



KANTEY & TEMPLER
CONSULTING ENGINEERS

ESTABLISHED 1953

Our Ref: 15675R/11
Your Ref: -

3rd Floor BDO House
119 Hertzog Boulevard
Cape Town, 8001
P O Box 3132
Cape Town, 8000

4 July 2023

Tel: +27 21 405 9600
Fax: +27 21 419 6774

Sharples Environmental Services
102 Merriman Street
GEORGE
6530

Attention: Ms B Ditcham
(Electronic: betsy@sescc.net)

Dear Madam,

CONTRACT C1117: PAVEMENT STRENGTHENING OF TR75/1 (KM 16.50 TO KM 31.22) NEAR OUDTSHOORN

GEOTECHNICAL CONSIDERATIONS

We refer to the discussions between our Mr A Smith and your Ms B Ditcham as well as the issues raised by DEA&DP regarding the geotechnical aspects of the abovementioned project.

We note that our site investigation revealed two locations where a mesh drapery system has been used to contain loose rocks on the cut faces, located at km 22.20 and km 23.00. These systems and the road cuttings at these locations will not be affected by the proposed road cross-section upgrade and will be maintained by removing all loose rock material currently being retained by the system.

The proposed cut batter at affected cuttings has been designed to match the existing cut batters, which vary in accordance with the material type encountered. These existing batters have proven reliable over their existing service life regarding slope stability, as our visual assessment did not reveal any apparent slope stability issues.

High level design discussions have been had with our geotechnical engineers who have indicated that the proposed design is adequate regarding potential slope stability issues. We further note that the concerns raised by DEA&DP regarding slope stability have been taken into account in the proposed design.

We therefore believe that the appointment of a specialist geotechnical engineer or a detailed geotechnical investigation into the stability of the cut slopes is not required for this project.

Yours faithfully

KANTEY & TEMPLER

A SMITH

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www.kanteys.co.za



COPY TO:

1. K&T:
Mr P Barkhuizen
pbarkhuizen@ct.kanteys.co.za
2. K&T:
Mr A Sauers
asauers@ct.kanteys.co.za