

NATURA VIVA cc
Palaeontological Impact Assessments & Heritage Management,
Natural History Education, Tourism, Research

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**RECOMMENDED EXEMPTION FROM
PALAEOLOGICAL IMPACT STUDY**

Proposed upgrading of DR 2959 from the N7 to Bulletrap (Springbok, N. Cape)

The proposed roadworks along the DR 2959 from the N7 westwards to Bulletrap, Namqualand traverse Precambrian igneous rocks (Styger Kraal Syenite of the Spektakel Suite) that are of no palaeontological significance (Marais *et al.* 2001; 1: 250 000 geological map of the Springbok area, sheet 2916).

Two of the borrow pits (Nos. 2,3) envisaged will exploit Spaktakel Suite igneous rocks. The third pit (No. 1) involves red aeolian sands that are, at most, very sparsely fossiliferous - *eg* possible terrestrial snails, ostrich eggshell, trace fossils including termitaria and root casts (Almond & Pether 2008).

The proposed roadworks are not considered to pose a significant threat to palaeontological heritage and in my view no further palaeontological impact studies are required.

Should fossil remains be encountered during development, however, the responsible ECO should inform SAHRA at the earliest opportunity to consider possible mitigation measures.

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REFERENCES

ALMOND, J.E. & PETHER, J. 2008. Palaeontological heritage of the Northern Cape (draft). Unpublished report for SAHRA.

MARAIS, J.A.H. *et al.* 2001. The geology of the Springbok area. Explanation to 1: 250 000 geological sheet 2916 Springbok, 103p. Council for Geoscience, Pretoria.

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