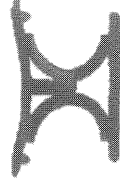


Called Udo 14.12.05

9/2/258/10



AFRICAN HERITAGE CONSULTANTS CC

2001/077745/23

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3 October 2005

Attention: Mary Leslie

The Manager
SAHRA
P.O. Box 4637
Cape Town
8000

Dear Mary

CULTURAL HERITAGE RESOURCES IMPACT ASSESSMENT OF PROPOSED NEW ROAD TO SWARTKOPFONTEIN BORDER POST

Nordwes (former), Zeeside distrik.

In September 2005 I undertook an impact assessment of a new road to Swartkopfontein. Three alternative routes were surveyed. I found no indications of any important heritage sites.

Eventually it was decided that alternative C would be the cheapest to construct. When the route was finally planned and cleaned it was found that the route had been moved somewhat to the north of the original C proposal. Strange quarry like holes were observed on this new route.

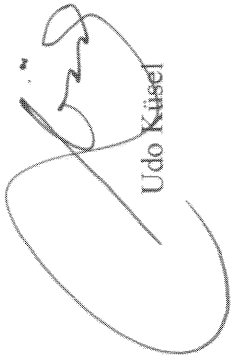
I was asked by the consulting engineer to re-visit the site to investigate the quarries. I found that the so-called quarries were ancient copper mines of the Late Iron Age. Ancient copper mines occur along the Dwarsberge (see attached report).

I recommended that they could either move the roads alignment or ask for mitigation of the archaeological sites. Eventually it was decided to re-locate the road to the north so that it would not affect the archaeological sites (see attached map with the original and new routes). I am convinced that the new route will not harm the ancient mines. What

we do not know is how deep and in which direction the underground tunnels go. Though I did not investigate the underground tunnels I do not expect them to be deeper than three of four meters as there are no indications of ventilation shafts as in the case of the mines at Thabazimbi.

Could we please have your commentary on the new road?

Yours Faithfully



Udo Küsel