

ARCHAEOLOGICAL IMPACT ASSESSMENT OF PORTION 37, A PORTION OF  
PORTION 27 (BOLAND) OF THE FARM ZOUTPANSFONTEIN NO. 34,  
KIMBERLEY DISTRICT, NORTHERN CAPE

On Friday 22 April 2005 I accompanied H Erasmus and C Anderson to the above-mentioned property near Langleeg and spent some hours walking over it's 26.18 hectare extent, with my observations being as follows:

#### SURFACE GEOLOGY

The ground has a perceptible ( $\pm 7^\circ$ ) slope towards the abutting south bank of the Vaal River which is intersected along its E - W extent by a number of shallow gullies. Underlying andesite bedrock is exposed in the form of low outcrops on the lower western portion of the property and on the floor of an abandoned ground dam further east. Some of the outcrops are partly covered by thin Dwyka tillite and show vestiges of E - W trending glacial striations that also occur on the dam floor andesite exposure. The upslope portion of the ground is entirely covered by red Hutton Sands, with the uneven surface of these suggesting the former presence of dunes, degraded in Holocene times. Those sands are, closer to the river, overlain by beige-coloured overbank silts, estimated to extend up to ~15 m above water level, out of which the andesite outcrops protrude. Gullies in the old dam vicinity show a thin (10 - 20 cm thick) veneer of well-rounded cobbles lying on andesite that are probably Younger Gravel traces rather than reworked tillite.

#### STONE AGE ARCHAEOLOGY

A thin scatter of Later Stone Age artefacts, including a few thumbnail scrapes, occur on the surface around the andesite outcrops, but no clearly *in situ* specimens were seen. The gullies also produced occasional fresh artefacts that seemed to be of similar Wilton age and some unearthed specimens that may belong to the Middle Stone Age. A close examination of the possible Younger Gravel vestiges yielded a few courser flakes and one cleaver, all based on andesite, that can be ascribed to the Acheulean