

9/2/07 3/0001

**PHASE 1 HERITAGE IMPACT ASSESSMENT REPORT ON THE  
FARM MAKGANYENE 667, BETWEEN POSTMASBURG AND  
OLIFANTSHOEK, SIYANDA DISTRICT MUNICIPALITY, NORTHERN  
CAPE PROVINCE.**

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## **EXECUTIVE SUMMARY**

The purpose of this study was to establish if any heritage localities were present on Portion 2 of Portion 1 of the farm Makganyene 667, Siyanda District Municipality, Northern Cape. A 3.5 hour – long survey of this 80 ha property with a defunct diamond mine produced only 8 stone artefacts and certainly no archaeological sites, palaeontological bones or graves. It is consequently considered that this farm portion has no heritage significance and that any potential further mining there would have no impact on the heritage resources of the Northern Cape.

## **BACKGROUND INFORMATION**

The Kimberlite pipe on Makganyene 667 was found by H.S. Richler in 1922 (Hocking 1983) and indications are that work ceased there decades ago.

DME asked Mr Hennie Viviers of Ventersdorp for a HIA report on the property and he, in turn, requested me to undertake the necessary inspection.

## **REGIONAL ARCHAEOLOGY**

Around Postmasburg, some 25 km to the SSE, there are LSA – linked specularite workings at Doornfontein and Blinkklippkop (Beaumont & Morris 1990), as also engravings at Beeshoek Mine, but, to my knowledge no sites are known in the near vicinity of Makganyene 667.

## **PROPERTY DESCRIPTION**

The examined 80 ha property is situated some 25 km NNW of Postmasburg, on the R385 between that town and Olifantshoek, in the Siyanda District Municipality of the Northern Cape. It comprises slightly sloping ground, flanked to the east by low hills from which a gully drains westwards, as shown on the appended 1:50 000 map 2822 BB Marmaghodi (Fig. 1 - 4). About 3.5 hours were spent walking over its full extent, including that portion lying west of the R385, on Thursday 14 June 2007.

## **SUPERFICIAL GEOLOGY**

The western portion of the property is covered by up to 1.0 m of red Hutton Sand underlain by a colluvial rubble that thickens markedly westward to a 5.0 m depth in mine hole sections. This unit is preponderantly comprised of banded ironstone from the eastern hills, but also noted were occasional quartzite fragments, perhaps transported there during Dwyka times from the Langeberge, some 15 km to the west, which is formed of such rocks.

## HERITAGE FINDINGS

My 3.5 hour – long search yielded only eight artifacts, seven on banded ironstone and probably of ESA ascription from *Acacia mellifera* (swarthak) – covered rubble surfaces along the eastern hills, and one, of grey chert, that may be LSA, from further downslope, on the Hutton Sands. No archaeological sites, palaeontological bones or graves of any age were seen.

## CONCLUSIONS

A careful inspection revealed nothing but an extreme sparse scatter of stone artefacts from surface contexts on Portion 2 of Portion 1 of Makganyene 667. My conclusion is therefore that any potential mining of the kimberlite pipe there would have no impact on the heritage resources of the Northern Cape.

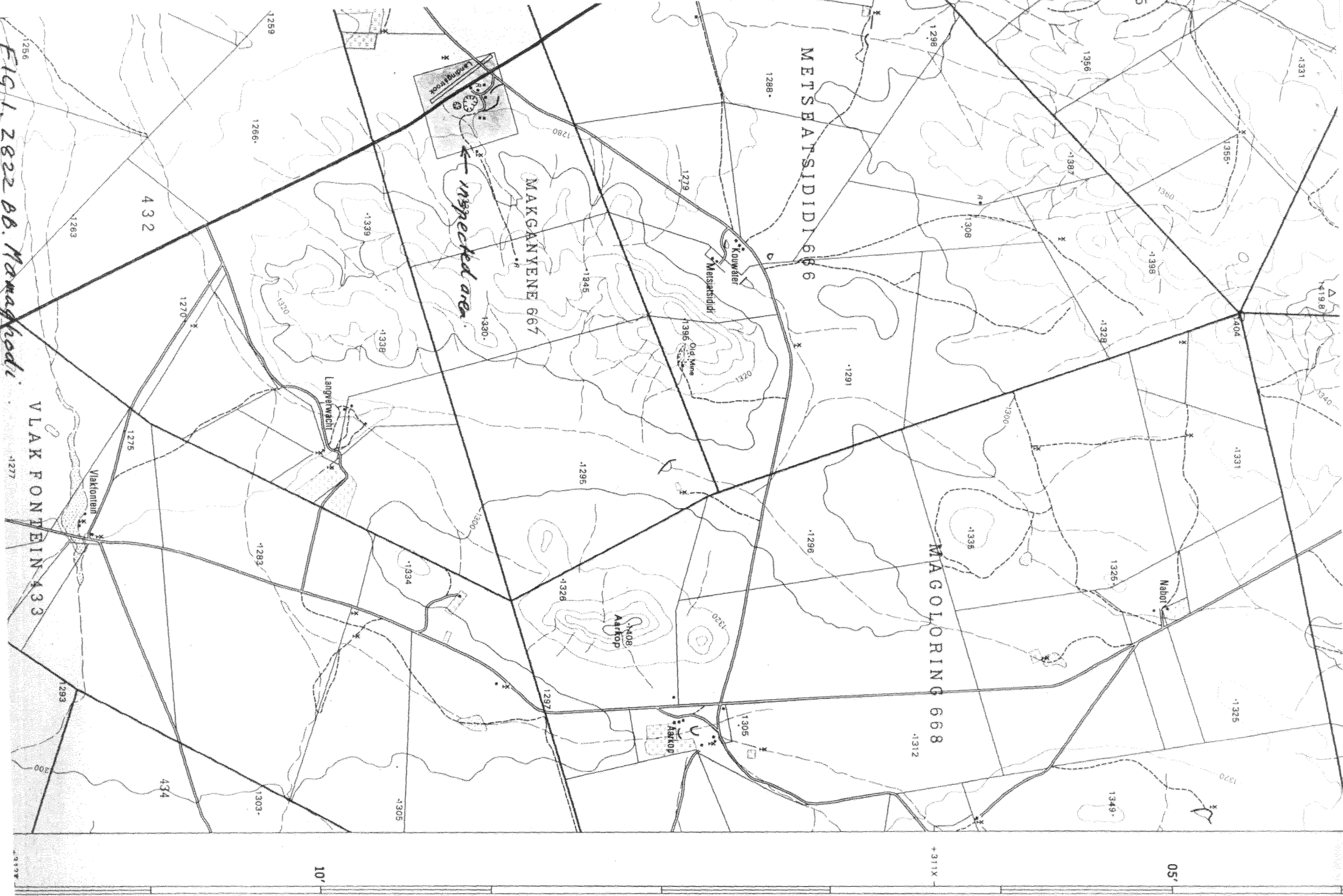
## REFERENCES

- Beaumont, P. & Morris, D. 1990. *Guide to the archaeological sites in the Northern Cape*. McGregor Museum, Kimberley.
- Hocking, A. 1983. *Kaiaas and Cocopans: the story of mining in South Africa's Northern Cape*. Hollards, Johannesburg.

## NOTES

- A copy of the locality maps and all appended Figures must accompany this report to SAHRA.
- Applications to SAHRA will not be processed unless accompanied by payment of R150 per application. SAHRA banking details are: ABSA, Branch Code: 312109; Current Account no.: 360 680 606.

FIG 1. 2822 AB. Namakodi



VLAK FONTEIN 433

METSEATSIDIDI 666

MAKGANYENE 667

MAGOLORING 668

Inspected area

10'

05'

+311X-

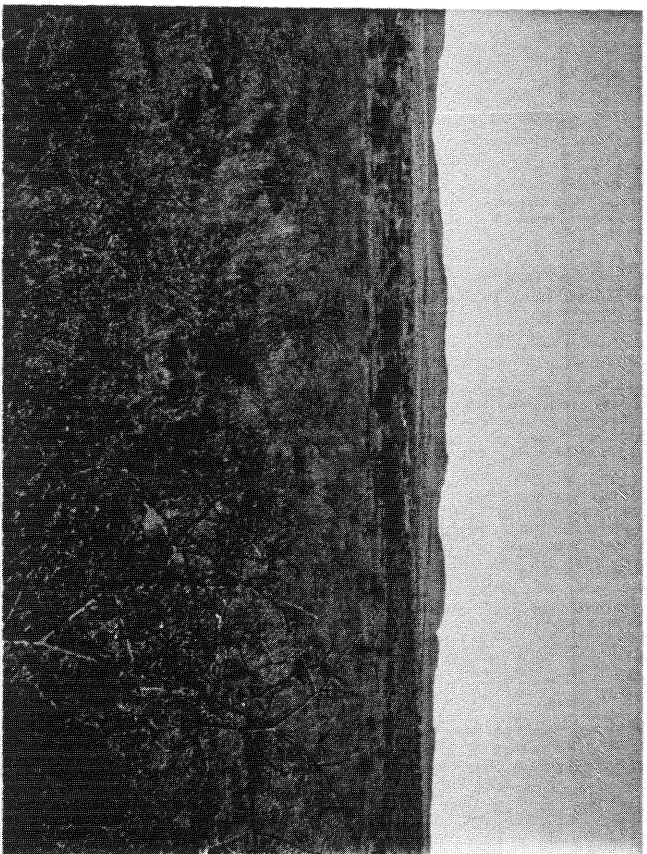


FIG 2. VIEW TO THE WEST, WIL  
LANGEBERG OF N-S TRENDS  
QUARTZITES ~ 10 KM AWAY.

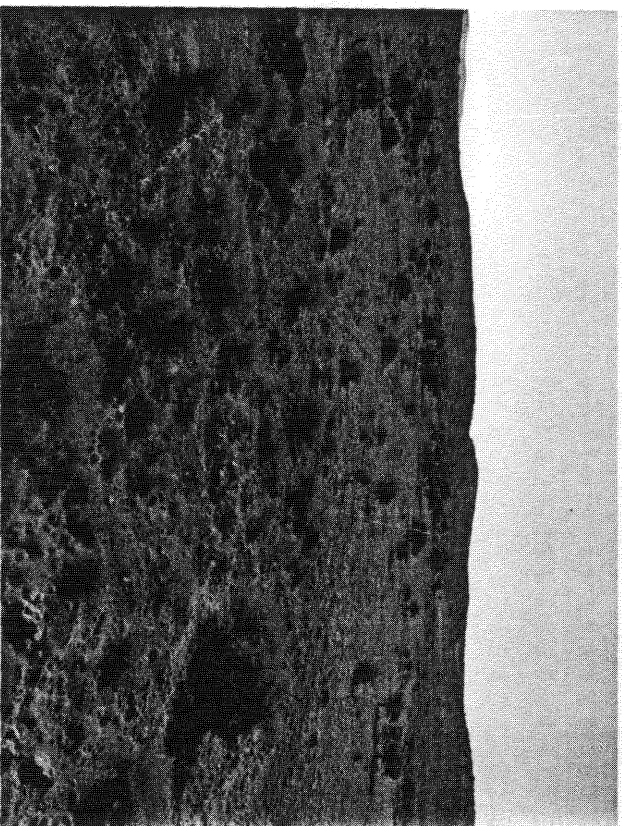
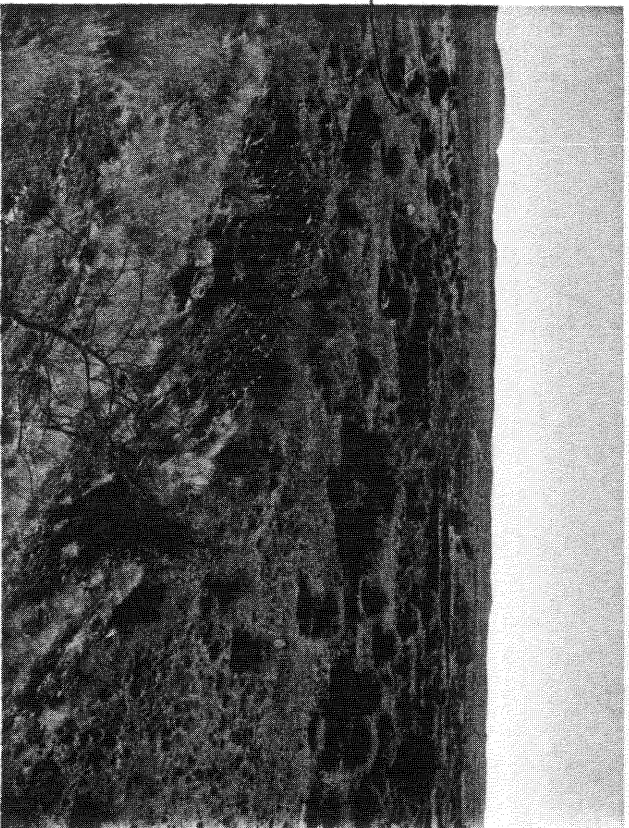


FIG 3. VIEW NORTH FROM HILL  
WITH WATER TANK ON CREST  
AT 28°08'S, 15°22'55"E, 18°1'00"E



SECURITY  
GATE

FIG 4. VIEW TOWARDS ENTRANCE GATE  
FROM SOUTH DUMP CREST AT  
28°09'44.55"S, 22°55'08.8"E



FIG 5. SIX BANDED IRONSTONE  
ARTIFACTS, PERHAPS  
AND. BOTTOM ROW, LEFT,  
A CHERT USA? SPECIMEN  
SCALE = 15CM.

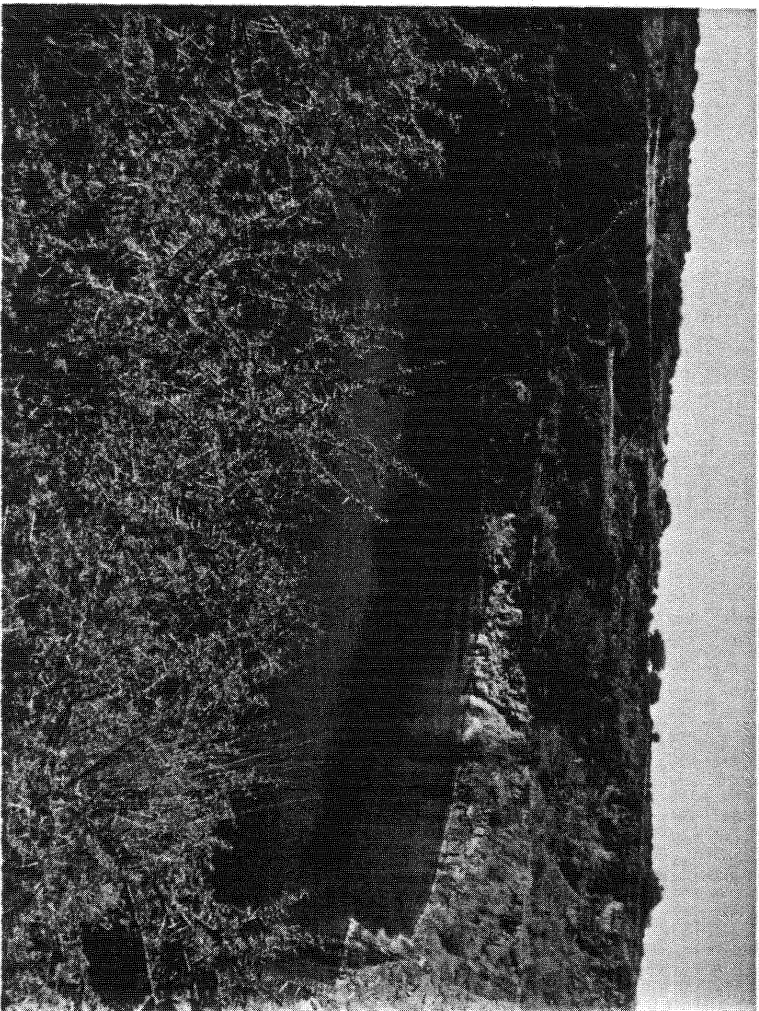


FIG 6. VIEW, LOOKING EAST  
OF THE NOW DERELICT  
NAKQANYENE PIRAMID  
MINE, ON PORTION 20F  
PORTION 1, AT 28° 09' 09" N S,  
326 55' 06.1" E.