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The South African Heritage Resources Agency
P O Box 4637
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16th May 2014

RE - PHASE 1: PALAEONTOLOGICAL IMPACT ASSESSMENT ON PORTION 1 OF THE FARM NO. 105 AND PORTION 1 OF THE FARM NO. 155, SITUATED IN THE MAGISTERIAL DISTRICT OF BARKLY WEST, NORTHERN CAPE REGION - GRAVES OLDER THAN 60 YEARS


The SAHRA requires that a full Palaeontological Impact Assessment be done with regards to the abovementioned site. The provisions of this section do not apply to a development as described in subsection (1) if an evaluation of the impact of such development on heritage resources is required in terms of the Environment Conservation Act, 1989 (Act No. 73 of 1989), or the integrated environmental management guidelines issued by the Department of Environment Affairs and Tourism, or the Minerals Act, 1991 (Act No. 50 of 1991), or any other legislation: Provided that the consenting authority must ensure that the evaluation fulfils the requirements of the relevant heritage resources authority in terms of subsection (3), and any comments and recommendations of the relevant heritage resources authority with regard to such development have been taken into account prior to the granting of the consent. Based on the above requirements the company has contracted Mr. I Z Buys of Imbuia Environmental Services CC, Virginia, Free State Province. The following information as required in terms of the **NATIONAL HERITAGE RESOURCES ACT (Act 25 of 1999)** Section 38(8) are applicable:

1. **Field Survey:** The field survey was done to identify the actual burial sites (graves) within the abovementioned borders/boundaries of the project site. Attached to this report as **Appendix 1** is a survey report stipulating the co-ordinates of these sites identified.
2. **Property details:** Portion 1 of the farm no.105 and portion 1 of the farm no.155.
3. **Location of the sites:** See **Appendix 2**
4. **Description of the characteristics of the identified sites:** The graves and ruins positions are as indicated on the plan.
 - There are approximate 25 visible graves.
 - The graves are covered with large pieces of country rock as indicators.
 - The conditions of graves are good.
 - There is one tombstone on one grave as mentioned on sketch plan.
 - Fencing has been erected. Steel corner posts with steel wire have been used. Condition new.
 - Access control via small gate on the eastern side of the fence.
 - Fire breaks to be established before winter time.
 - Regular maintenance will be done on the fencing of grave yard.
5. **Assessment importance:** No work will be done in the immediate vicinity of the grave site hence no disturbance will take place. Therefore the area will be conserved for the duration of the project. No further assessments will be done.
6. **Potential impact:** Due to the fact that no activities will take place in the immediate vicinity of the site there will be no impact caused on the site and more specific the graves. Regular maintenance of the grave site will ensure that the graves in question will remain in the condition

it currently is with the exception that the ground around the graves will at regular interval be cleaned.

7. **Shovel test, to establish the extent of a site:** It is assumed that due to no work being done for the duration of the project that it is not necessary to conduct any tests of the ground in question hence not required to obtain a arranged permit.
8. **Recommendations for conservation or mitigation:** Based on the above information it is suggested that with your approval the area remain as it is and that no further studies be conducted due to no activities taking place currently or in the future of the area as mentioned on the plan.

Yours faithfully,

 I.Z. BUYS

IES Imbuia Environmental Services CC

APPENDIX 1:

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----- MODEL MAKER -----
DECIMAL DEGREES
F.J. vd Merwe Pr Mine Surveyor (Plato) SA Tel. (053) 8611458 Cell. (082) 3726825 Date : 29/10/2013
Time : 15:53
Coordinate Conversion : Datum (WGS84 to WGS84)
: Coordinate System (Gauss Conform (LO) to Geographical)
: Conversion method ( 1 : Orion )
System Settings : Southern Hemisphere - Degrees - WGS84 - LO25
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Base Meridian for Y = LO 25							
Pro#	Code	Y	X	Lat.	Decimal Deg	Long.	Decimal Deg
1	GRAVE	47822.607	3126162.688		28.249272		24.512687
1	SENSITIVE2	47696.206	3126249.621		28.250061		24.513971
1	SENSITIVE1	47484.916	3125775.101		28.245787		24.516144

APPENDIX 2: See attached PDF