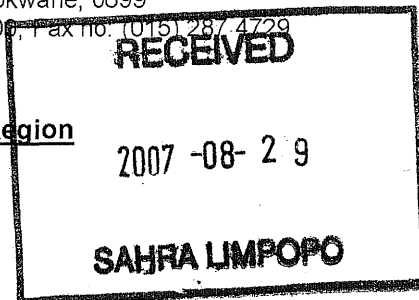




the dme

Department:
Minerals and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700.
101 Dorp Street, Polokwane, 0699
Tel no: (015) 287 4700, Fax no: (015) 287 4729



Directorate Minerals Regulations: Limpopo Region

Enquiries: M.B. Mudau
E-mail address: Mashudu.Mudau@dme.gov.za
Reference nr: LP30/5/1/3/3/2/1/505 EM

REGISTRED MAIL

**The Manager:
The Provision- SAHRA Limpopo
P. O. Box 137
Polokwane
0700**

Attention: Mr. Donald Lithole/ Victor Netshiavha

**CONSULTATION IN TERMS OF SECTION 40 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002, (ACT 28 OF 2002) FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR A MINING PERMIT ON THE FARM MATLALA'S LOCATION 591 LS SITUATED IN THE MAGISTERIAL DISTRICT OF CAPRICORN, LIMPOPO REGION.
APPLICANT: AGANANG MUNICIPALITY.**

Attached herewith, please find a copy of an EMP received from the above-mentioned applicant, for your comments.

It would be appreciated if you could forward any comments or requirements your Department may have in the case in hand to this office and to the applicant within 60 days as from **23 August 2007 to 23 October 2007**, failure of which will lead to the assumption that your Department has no objection(s) or comments with regard to this application and this Department will in that instance proceed with the finalisation thereof.

Consultation in this regard has also been initiated with other relevant State Departments. In an attempt to expedite the consultation process please contact Mashudu Mudau of this office to make arrangements for a site inspection or for any other enquiries with regard to this application.

Your co-operation will be appreciated.

PP

**THE REGIONAL MANAGER
LIMPOPO REGION - POLOKWANE**

ENVIRONMENTAL MANAGEMENT PLAN

BORROW PITS

for

Upgrading of Road D3377 in Ga-Matlala in Aganang Local Municipality, Capricorn District, Limpopo Province

Submitted on:

9 May 2007

Prepared for:

**Aganang Local Municipality
on behalf of
Cicam Project Agency**

Submitted to:

**Department of
Mineral and Energy Affairs
Limpopo**

Drafted by:



Sesikhona Services

APPROVED

MINERAL AND ENERGY
DEPARTMENT
LIMPOPO PROVINCE

[Signature]

DATE: 23/05/07

SIGNATURE: *[Signature]*

NAME: *[Signature]*

(PRINT):

Gauteng Office
29 Spata Street
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Limpopo Office
15 Marabou
Fauna Park
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Cellular: 082 905 3115
margaret@sesikhonas.com

File number:.....

DEPARTMENT OF MINERALS AND ENERGY

ENVIRONMENTAL MANAGEMENT PLAN

Submitted in support of application for a prospecting right or mining permit.
 Section 39 and Regulation 52 of the Minerals and Petroleum Resources Development
 Act, 2002 (Act 28 of 2002)



Application for a:

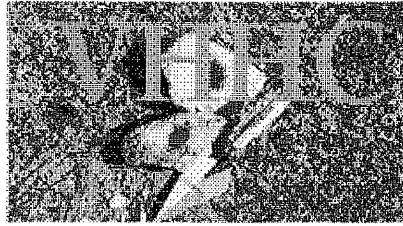
Authorisation for one borrow pit: Upgrading of Road D3377 in Ga-Matlala	x
Mining Permit	x

Applicant: Aganang Local Municipality
 Farm: Borrow Pit 1: Matala's Location 591 LS
 District: Capricorn District Municipality
 Mineral: Road surfacing material from borrow pit - Gravel
 Date: 9 May 2007

B. BIOGRAPHIC DETAILS OF THE APPLICANT:

B 1.1 Full name (and surname) of person or company applying for permit or right	Aganang Local Municipality Technical Director Ronald Malungana
B 1.2 ID number of person or company/ CC registration number	N/A (Municipality)
B 1.3 Postal address	P.O Box 990 Juno 0748
B 1.4 Physical/ residential address	Cnr. Gilead Road & Knobel Hospital Ceres Village
B 1.5 Applicant's telephone number	015 295 1400
B 1.6 Applicant's cellular phone number	072 613 7323
B 1.7 Alternative contact's name	PMU Unit Aganang Local Municipality
B 1.8 Alternative contact's telephone/cell phone numbers	015 295 1400
B 2.1 Full name of the property on which mining/ prospecting operations will be conducted	Matala's Location 591 LS
B 2.2 Name of the subdivision	
B 2.3 Approximate center of mining/prospecting area:	
Latitude	029°2 ^{min} 47.02 ^{sec} East
Longitude	23°44 ^{min} 19.70 ^{sec} South
B 2.4 Magisterial district	Aganang, Capricorn District

P O BOX 456
POLOKWANE
LADANGA
0704



Tel: 015 293 2049
Fax: 015 287 2592
Cell: 083 357 3669
083 770 2131

VHUF HASHU HERITAGE CONSULTANTS CC

Registration No: 2009/119040/23

Tax Reference No: 9672998148

PHASE 1 HERITAGE IMPACT ASSESSMENT

**PROPOSED EXTRACTION OF GRAVEL
MATERIAL FROM AN EXISTING BORROW PIT
SITE ASSOCIATED WITH THE UPGRADING OF
ROAD D3377 IN MATLAL'S LOCATION FARM,
AGANANG MUNICIPALITY**

Compiled for: Sesikhona Services

P O Box 67060

Highveld

0169

Tel: 012 665 1380

Fax: 086 671 7236

Email: Margaret@sesikhona.com

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1 INTRODUCTION

Sesikhona Services appointed Vhufa Hashu Heritage Consultants to undertake a heritage impact assessment study for the existing borrow pit site earmarked for extracting of gravel material associated with the upgrading of road D3377 between Ga-Kgorosi and Bakone Village of Limpopo Province.

The Project proposal constitutes an activity, which may potentially be harmful to heritage resources that may occur in the demarcated area. The National Heritage Resources Act (NHRA - Act No. 25 of 1999) protects all structures and features older than 60 years (section 34), archaeological sites and material (section 35) and graves and burial sites (section 36). In order to comply with the legislation, the Applicant requires information on the heritage resources, and their significance that occur in the demarcated area. This will enable the Applicant to take pro-active measures to limit the adverse effects that the borrow pit excavations could have on such heritage resources. In terms of the National Heritage Resources Act (1999) the following is of relevance:

1.1 *Historical remains*

Section 34(1) No person may alter or demolish any structure or part of a structure, which is older than 60 years without a permit issued by the relevant provincial heritage resources authority.

1.2 *Archaeological remains*

Section 35(4) No person may, without a permit issued by the responsible heritage resources authority-

- ❖ destroy, damage, excavate, alter, deface or otherwise disturb any archaeological or palaeontological site or any meteorite

1.3 *Burial grounds and graves*

- 4 -

Section 36 (3) No person may, without a permit issued by SAHRA or a provincial heritage resources authority-

- ❖ destroy, damage, alter, exhume, remove from its original position or otherwise disturb any grave or burial ground older than 60 years which is situated outside a formal cemetery administered by a local authority; or
- ❖ bring onto or use at a burial ground or grave referred above ,any excavation equipment, or any equipment which assists in detection or recovery of metals.

1.4 Culture resource management

Section **38(1)** Subject to the provisions of subsection (7), (8) and (9), any person who intends to undertake a development* ...

- ❖ must at the very earliest stages of initiating such development notify the responsible heritage resources authority and furnish it with details regarding the location, nature and extent of the proposed development.

This Archaeological Impact Assessment report provides an overview of the heritage resources that may occur in the demarcated area where the borrow pit site is located .

2 METHOD

2.1 Sources of information

The sources of information were the field reconnaissance and literary sources mentioned below.

- 5 -

Scoping surveys of the affected area for borrow pit site was undertaken on foot, standard archaeological practices for observation were followed. As most archaeological material occur in single or multiple stratified layers beneath the soil surface, special attention was given to previous disturbances, as well as those made by natural agents such as burrowing animals and erosion.

2.2 Categories of significance

The significance of archaeological sites is ranked into the following categories (see table 1)

- ❖ No significance: sites that do not require mitigation.
- ❖ Low significance: sites, which may require mitigation.
- ❖ Medium significance: sites, which require mitigation.
- ❖ High significance: sites, which must not be disturbed at all.

Table 1

The significance of an archaeological site is based on the amount of deposit, the integrity of the context, the kind of deposit and the potential to help answer present research questions. Historical structures are defined by Section 34 of the National Heritage Resources Act, 1999, while other historical and cultural significant sites, places and features, are generally determined by community preferences.

A crucial aspect in determining the significance and protection status of a heritage resource is often whether or not the sustainable social and economic benefits of a proposed development outweigh the conservation issues at stake. There are many aspects that must be taken into consideration when determining significance, such as rarity, national significance, scientific importance, cultural and religious significance, and not least, community preferences. When, for whatever reason the protection of a heritage site is not

- 7 -

4 DESCRIPTION AND LOCATION OF THE BORROW PIT SITE

The identified borrow pit site associated with the upgrading of road D3377 is located along the road earmarked for upgrade, between Ga-Kgorosi and Bakone Village at Matlala area of Limpopo Province. The site is located at this GPS readings S23.72622° E29.11958° as seen in attached map.

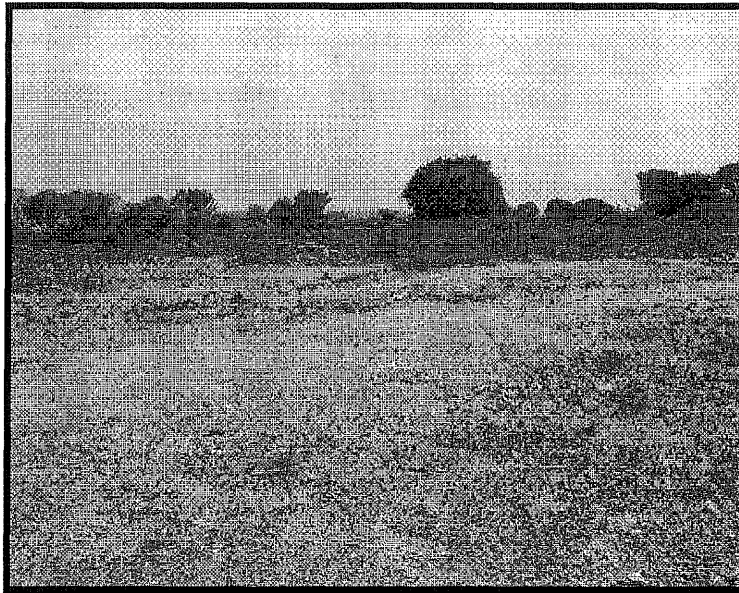


Figure 1: View of the existing borrow pit site to the north.



Figure 2: Excavated sections of the borrow pit were inspected for possible archaeological materials that might be trapped *in situ*.

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The borrow pit site is located in previously disturbed area and is bound by the gravel road. No heritage resources, or any archaeological materials, were identified within the vicinity of the road and the borrow pits sites.

5 CEMETERIES AND BURIAL SITES

No signs of burial grounds or any other heritage resources such as archaeological sites and historical remains were found that would be significantly impacted on by the proposed extraction of gravel materials from the identified borrow pit. However, there is a probability of encountering chance finds during earth-moving activities.

Therefore, the discovery of previously undetected subsurface heritage remains on the site during extracting of gravel material must be reported to the South African Heritage Resources Agency (SAHRA) or the archaeologist, and may require further mitigation measures.

6 RECOMMENDATIONS

We recommend that the South African Heritage Resources Agency should be notified if human remains falling under the National Heritage Resources Act (Act No 25 of 1999) are accidentally uncovered during the use of the identified borrow pit.

7 CONCLUSION

No historically significant sites that are protected by the National Heritage Resources Act 25 of 1999 would be affected by the continuation of excavating the borrow pit site for gravel material. In conclusion we recommend that if unmarked human burials are discovered during borrow pit excavation; they should be relocated to the formal graveyard. The removal must be conducted

- 9 -

with due respect for the customs and beliefs of the affected relatives, and where requested, in the presence of relatives or community representatives.

8 REFERENCE

The National Heritage Resources Act (Act No 25 of 1999)
Archaeology, Theories Methods and Practice, Colin Renfrew & Paul Bahn



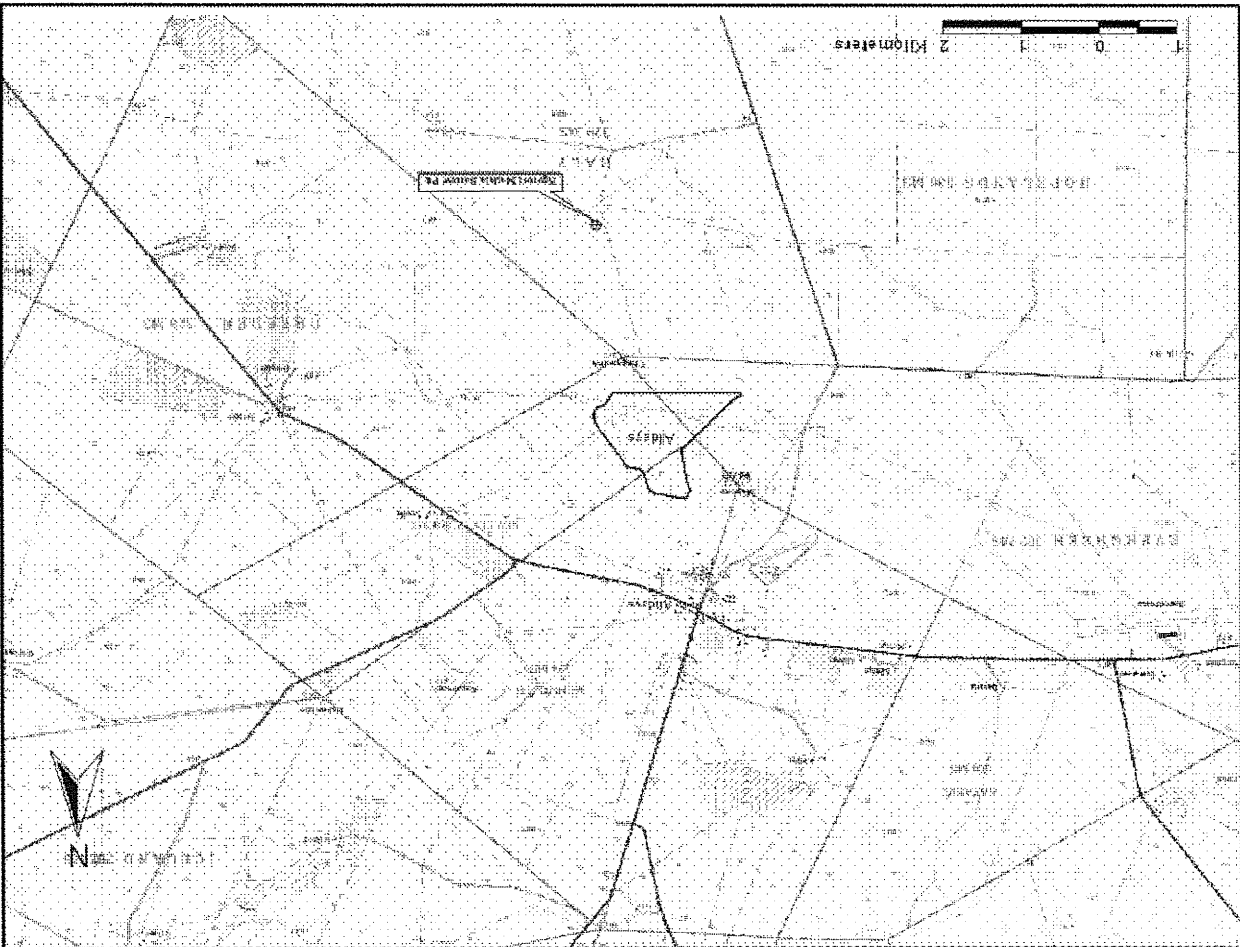
Mr Richard Munyai

It is herewith confirmed that the above is a reliable account of the status of the project.



Mr Frans Roodt (BA Hons, MA Archaeology, Post Grad. Dip. Museology; UP)
Principal Investigator

MAP OF THE STUDY AREA SHOWING THE LOCATION OF THE PROPOSED PROJECT SITE



Scale: 1:50,000

Project No.

Map No.

Project Name

Department of the Environment and Heritage

Department of the Environment and Heritage

Department of the Environment and Heritage

Department of the Environment and Heritage