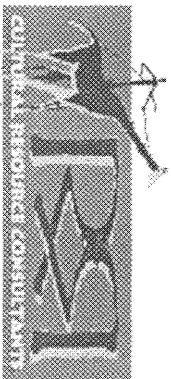


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0 7 0 0

Fauna Galore Environmental Consultants
P O Box 446
Fauna Park
0787

Attention: Derek Engelbrecht

6 March 2003

Phase I Heritage Resource Impact Assessment (Scoping & Evaluation)
RATANANG SCHOOL (BLOUBERG)
LIMPOPO PROVINCE

STATEMENT WITH REGARD TO HERITAGE RESOURCES MANAGEMENT

General coordinates: S23° 17' 10" E29° 08' 01"

This letter serves to confirm that the proposed new Ratanang school terrain at Blouberg contains no significant heritage resources on which the intended development could have an adverse impact.

During the scoping exercise a small number of non-diagnostic pottery fragments were found on the terrain. It is thus possible that archaeological remains or features may be present under the soil surface. The discovery of undetected heritage remains must be reported and may require mitigation measures.

From a heritage resources management point of view, we have no objection with regard to the proposed development.

Yours faithfully

FRANS ROODT (BA Hons, MA Archaeology, Post Grad. Dipl. Museology, UP)
For: R & R Cultural Resource Consultants

ADDENDUM E

Approval of Plan of Study

ADDENDUM F

Socio-economic Profile of the Area

4. DEMOGRAPHIC INFORMATION

This section of the report describes the demographic profile of the population for Senwabarwana as the area of development, as well as other population features, viz:

- Population Size
- Population Density
- Age and Sex composition
- Annual income per household
- Employment Status; and
- HIV (AIDS) Prevalence

4.1 Population Sizes

The population figures for Senwabarwana indicate that in 1998 population was 3169 and in 2000 it increased to 3283 (CSS: 1996).

4.2 Population Densities

The population density is indicated in terms of the number of people per hectare. The population density is ranging from approximately 7.18 people/ha.

4.3 Age and Sex composition

There are substantially more females than males. This tendency can primarily be ascribed to the larger number of male migrant labors employed in towns/metropolitan areas. The age group ranges between 1-15 and the old aged people.

4.4 Annual Income per household

The majority of the people in Senwabarwana are poor. Many people earn low annual income. Their economy is unable to provide remunerative jobs or self-employment opportunities. It is evident that the number of the households depends on a subsistence income (breadline income) and includes some with no income. Most households earn less than R18000, 00 per annum.

4.5 Employment status

The unemployment rate is the proportion of the economically active population that is unemployed. It is evident that the numbers of people employed are substantially in government departments.

4.6 HIV (AIDS) Prevalence

The relatively high HIV/AIDS prevalence is likely to have major negative impact in the near future on economic development. HIV/AIDS prevalence by education group explains that, the highest prevalence occurs within people

with better education. It is evident that the economically active population and more specifically education groups with the highest schooling grades and education are most affected.

5. SOCIO-ECONOMIC FACILITIES

This chapter provides information on any social or community facilities available in Senwabarwana.

5.1 Health Facilities

The health situation in the Limpopo Province compares poorly to most other provinces in terms of the indicators usually used to measure the health situation. Senwabarwana has one hospital, which is Helana Franz. Helana Franz hospital was used to treat the people with leprosy during the earlier part of the century period. The former hospital buildings are dilapidated some of them are used by Helana Franz Hospital employees for residence.

5.2 Educational Facilities

Senwabarwana Township has a shortage of schools, as it is a new settlement. There is a special school for physically challenged people Helena-Franz and another school for

APPENDUM G

Late and/or Additional Information

Fauna Fauna Environmental Consultants

P. O. Box 446, Fauna Park, 0787
Cell. 0822005277; Fax. 015 2960815; fauna.pburgia@minds.co.za

To: Mr. A. Von Well

DFED

Date: 07/03/03

Subject: Ownership status of the property

Mr. Von Well

At the time of finalizing the Scoping Report, there is still not exact certainty and written confirmation on who the property on which the new school is situated belongs to. Kenneth Mahleka and Associates were appointed to conduct the rezoning of Bochum and to establish the Municipal boundaries and ownership status of properties in Bochum. Mr. Mahleka has assured me that there are no land claims on the property, but that his company is still determining if there are any registered title deeds on the property. The property was leased to people in the former homelands under the "PTO" system (Permission to Occupy). The Bochum Municipality has allocated the property to the Ratanang School in 2001 (see attached letter). However, as there is no certainty as to who the property belongs to, and to avoid any future claims to the property, it is imperative that written confirmation of the ownership status of the property is obtained AND included in this scoping report's Addendum G. We therefore request that an ROD not be issued by your office until ownership status has been ascertained.

Yours sincerely,


Derek Engelbrecht

Dr. G.D. Engelbrecht Pr. Sci. Nat. B.Sc., B.Sc. (Hons.), M.Sc. (Cum Laude) (RAU), Ph.D. (UNIN)

Mr. C.L. Cook B.Sc., B.Sc. (Hons) (RAU), M.Sc. (UP)

2002-12-12
P.O. BOX 975
BOCHUM 0790
SIGNED:

B

LOUBERG
MUNICIPALITY

P.O. Box 1593
BOCHUM
0790



☎ : 015 505 0568

☎ 015 505 0568

23 March 2001

THE HEAD
DEPARTMENT OF AGRICULTURE
BOCHUM DISTRICT

Sir/Mad'm

re: **REQUEST FOR DEMARCATION OF SITES FOR "RATANANG SCHOOL
FOR THE MENTALLY RETARDED"**

THIS SERVES TO CERTIFY THAT SITES 282 HAS BEEN ALLOCATED TORATANANG SHOO
FOR THE MENTALLY RETARDED.YOUR DEPARTMENT IS THEREFORE REQUESTED TO
ASSIST THE SCHOOLMANAGEMENT AS IN DEMARCATING THE SITE.

ON OUR TOWN PLAN IT SHOWS THAT THE SITE IS FOR SENIOR SECONDARY SCHOOL, BUT
THIS OFFICE HAS ALLOCATED IT, TO RATANAN DUE TO SHORTAGE OF SITES AND SIZE
WHICH THEY REQUIRE.

YOUR CO-OPERATION IN THIS REGARD WILL BE APPRECIATED.


D. SEBATI
ACTING MUNICIPAL MANAGER

BLOUBERG MUNICIPALITY
2001-03-23
P.O. BOX 1593 BOCHUM 0790

DEPARTMENT OF AGRICULTURE
BLOUBERG MUNICIPALITY

2002-12-12

PRIVATE BAG X5072
BOCHUM 0790

LIMPPOPO PROVINCE

P.O. BOX 975
BOCHUM 0790

2002-12-12

ADDENDUM – Species recorded during the field survey as well as species probably occurring at or near the site

Table 1. Frog species recorded in the vicinity of the proposed site, as well as frog species likely to occur in suitable habitat away from the site.

Common Name	Scientific Name
African Bullfrog	<i>Pyxicephalus edulis</i>
Bushfield Rain Frog	<i>Breviceps adspersus</i>
Flat-backed Toad	<i>Bufo maculata</i>
Northern Pygmy Toad	<i>Bufo fenoulheti</i>
Banded Rubber Frog	<i>Phrynomantis bifasciatus</i>
Grey Tree Frog	<i>Chiromantis xerampelina</i>
Singing Puddle Frog	<i>Phrynobatrachus natalensis</i>
Dwarf Puddle frog	<i>Phrynobatrachus mababiensis</i>
Bubbling Kassina	<i>Kassina senegalensis</i>
Common Caco	<i>Cacosternum boettgeri</i>
Sharp-Nosed Grass Frog	<i>Ptychadena oxyrynchus</i>
Broad-Banded Grass Frog	<i>Ptychadena mossambica</i>
Plain Grass Frog	<i>Ptychadena anchietae</i>
Russet-Backed Sand Frog	<i>Tomopterna marmorata</i>

Table 2. Snake species likely to occur on site and in the surrounding suitable habitat

Common Name	Scientific Name
Brown House Snake	<i>Lamprophis fuliginosus</i>
Striped Skaapsteker	<i>Psammophylax triaeniatus</i>
Cape Centipede Eater	<i>Apparallactus capensis</i>
Common Egg Eater	<i>Dasypellis scabra</i>
Herald or Red-lipped Snake	<i>Crotaphopeltis hotamboeia</i>
Egyptian Cobra	<i>Naja haje</i>
Mozambique Spitting Cobra or M'fezi	<i>Naja mossambica</i>
Snouted Cobra	<i>Naja annulifera</i>
Black Mamba	<i>Dendroaspis polylepis</i>
Common Night Adder	<i>Causus thornbeatus</i>
Puffadder	<i>Bitis arietans</i>
Olive Grass Snake	<i>sammophis philipsii</i>
Mole Snake	<i>Pseudapisis cana</i>
Spotted Bush Snake	<i>Philothamnus semivariatus</i>
Boomslang	<i>Dispholidus typus</i>

Table 3. Lizard Species likely to occur on the site and surrounding area in suitable habitat.

Common Name	Scientific Name
Variagated Skink	<i>Mabuya variegata</i>
Striped Skink	<i>Mabuya striata</i>
Variable Skink	<i>Mabuya variata</i>
Rainbow Skink	<i>Mabuya margaritifer</i>
Sundevall's Writhing Skink	<i>Lygosoma sundevallii</i>
Common Rough-scaled Lizard	<i>Ichnotropis squamulosa</i>
Bushveld Lizard	<i>Helicobolus lugubris</i>
Ornate Sandveld Lizard	<i>Nucras ornate</i>

Spotted Sand Lizard	<i>Pedioplanis lineocellata</i>
Yellow-throated Plated Lizard	<i>Gerrhosaurus flavigularis</i>
Tropical Girdled Lizard	<i>Cordylus tropidosternum</i>
Rock or White-throated Monitor	<i>Varanus exanthematicus albigularis</i>
Ground Agama	<i>Agama aculeata</i>
Southern Tree Agama	<i>Acanthocercus atricollis</i>
Flap-neck Chamaeleon	<i>Chamaeleo dilepis</i>
Walberg's Velvet Gecko	<i>Homopholis walbergii</i>
Morau's Tropical House Gecko	<i>Hemidactylus mabouia</i>
Cape Dwarf Gecko	<i>Lygodactylus capensis</i>
Speckled Thick-toed Gecko	<i>Pachydactylus punctatus</i>
Cape Gecko	<i>Pachydactylus capensis</i>
Spotted Dwarf Gecko	<i>Lygodactylus ocellatus</i>
Transvaal Girdled Lizard	<i>Cordylus vittifer</i>
Giant Plated Lizard	<i>Gerrhosaurus validus validus</i>

Table G.4. Bird species recorded at the proposed site during the present survey. Bird names and Roberts numbers are used according to Maclean (1992).

Roberts' Number	Common name	Scientific Name
71	Cattle Egret	<i>Bubulcus ibis</i>
200	Common Quail	<i>Coturnix coturnix</i>
352	Redeyed Dove	<i>Streptopelia semitorquata</i>
354	Cape Turtle Dove	<i>Streptopelia capicola</i>
355	Laughing Dove	<i>Streptopelia senegalensis</i>
417	Little Swift	<i>Apus affinis</i>
424	Speckled Mousebird	<i>Colinus striatus</i>
548	Pied Crow	<i>Corvus albus</i>
568	Black-eyed Bulbul	<i>Pycnonotus barbatus</i>
683	Tawnyflanked Prinia	<i>Prinia subflava</i>
806	Scalyfeathered Finch	<i>Sporopipes squamifrons</i>
814	Masked Weaver	<i>Ploceus velatus</i>
821	Redbilled Quelea	<i>Quelea quelea</i>
824	Red Bishop	<i>Euplectes orix</i>
844	Blue Waxbill	<i>Uraeginthus angolensis</i>
846	Common Waxbill	<i>Estrilda astrid</i>
857	Bronze Mannikin	<i>Spermestes cucullatus</i>
860	Pintailed Whydah	<i>Vidua macroura</i>

Table G.5. Mammal species likely to occur on the site and surrounding vicinity in suitable habitat.

COMMON NAME	SCIENTIFIC NAME
Woodland Dormouse	<i>Graphiurus murinus</i>
Multimammate Mouse	<i>Mastomys coucha</i>
Pouched Mouse	<i>Saccostomus campestris</i>
Spiny Mouse	<i>Acomys spinosissimus</i>
**House Mouse	<i>Mus musculus</i>
Single-striped Mouse	<i>Lemniscomys rosalia</i>
Namaqua Rock Mouse	<i>Aethomys namaquensis</i>
Bushveld Gerbil	<i>Tatera leucogaster</i>
Rock Elephant-shrew	<i>Elephantulus myurus</i>
*Short-snouted Elephant-shrew	<i>Elephantulus brachyrynchus</i>

* Scrub Hare Red Veld Rat ** House Rat Slender Mongoose	<i>Lepus saxatilis</i> <i>Aethomys chrysophilus</i> <i>Rattus rattus</i> <i>Galorella sanguinea</i>
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* observed during field survey
** introduced species