

# Gideon Groenewald

(Phd. Geology; Nat. Dip. Nat. Con.; PrSciNat)

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05 November 2013

Attention; Andrew Salomon  
APM Unit  
SAHRA  
PO Box 4637  
Cape Town,  
8000

Dear Andrew

## **RE:Palaeontological Letter for the proposed development of an industrial township on portions 38 and 39 of the farm Bultfontein No. 533-JQ, Gauteng Province**

Our desktop survey reveals the following:

### **1. Description of the Project and Locality of the Study Area**



**Figure 1 Locality of the Study Area**

Gideon Groenewald was appointed by PGS Heritage to compile a Desktop Palaeontological Impact Assessment letter. This letter forms part of the Heritage Impact Assessment (HIA) that forms part of the Environmental Impact Assessment (EIA) for the proposed establishment of a new industrial township on portions 38 and 39 of the farm Bultfontein No. 533-JQ, located immediately south of and adjacent to Lanseria International Airport, in the City of Johannesburg Metropolitan Municipality, Gauteng Province (Figure 1).

The study area comprises approximately 22 ha of land at GPS: S25°57.3962' E027°55.2724'. The land is currently not utilised and consists of fairly flat terrain that is presently covered with secondary grassland. The land was previously used for residential purposes and for the mining of sand.

## 2. Geology of the Study Area

The study area is underlain by Swazian aged basement granites (Figure 2).

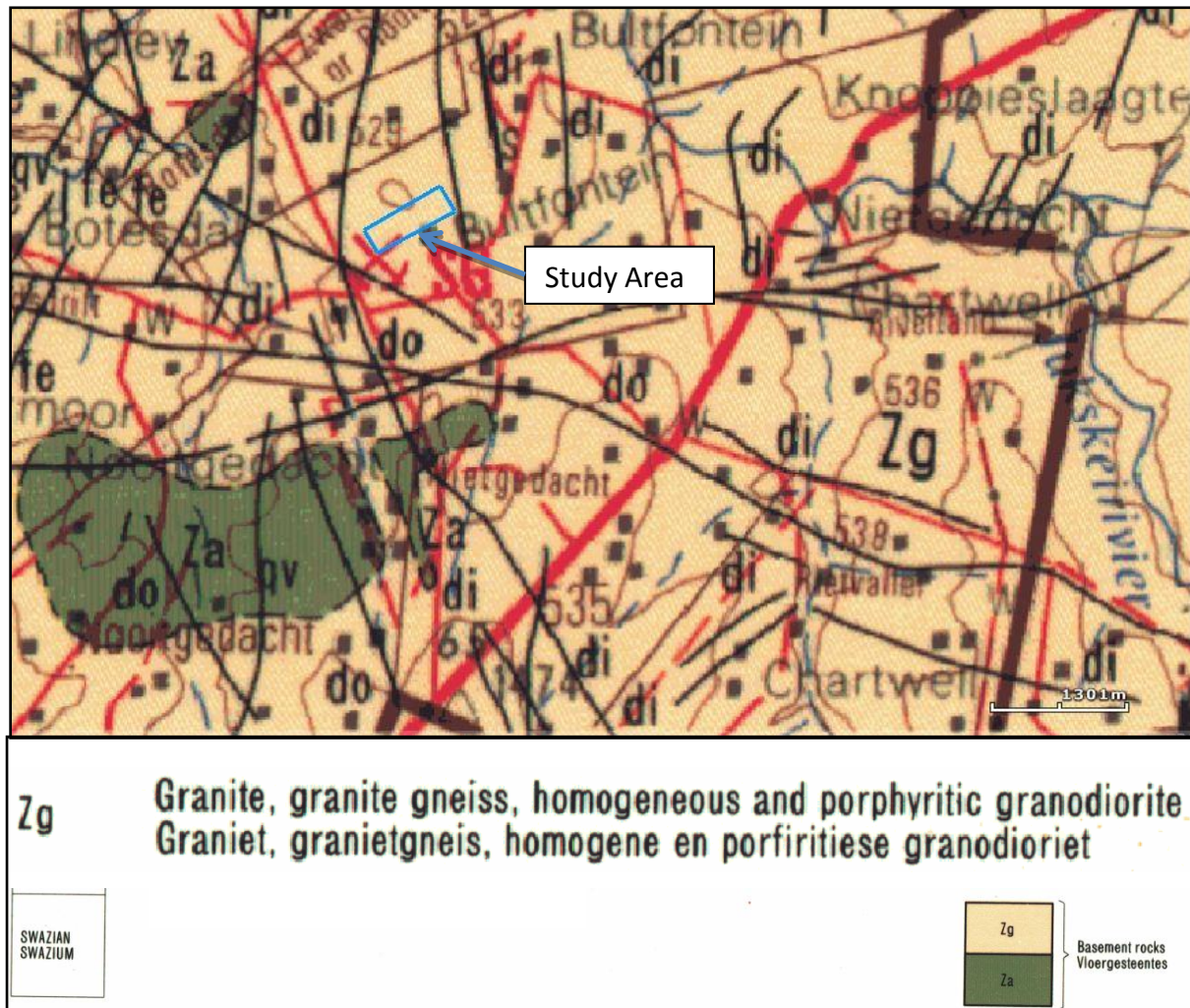


Figure 2 Geology of the Study Area

## 3. Palaeontological Sensitivity

The study area is underlain by Swazian aged igneous basement granites. Due to their age and igneous character, these rocks will not contain any fossils. It is recommended that no further mitigation for palaeontology is necessary for this development site.

Thank you for your time.

**Gideon Groenewald**  
Geologist