

Exemption of a Phase 1 Heritage Impact Assessment for Plot 147 Bloemspruit, Bloemfontein Free State Province*.

Site: Plot 147, Bloemspruit, Bloemfontein

Farm: Bloemspruit B 2232

District: Bloemfontein

Map Ref.: 2926AB Maselspoort

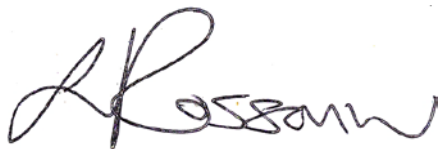
Site coordinates: 29° 7'55.97"S 26°16'50.21"E

Plot 147 is situated at the corner of Kendall and Voorspoed Street in Bloemspruit, about 3 km southwest of the Bram Fischer International Airport (**Fig. 1 & 2**). The footprint consists of a 4.3 ha terrain that has been previously disturbed by human activities (removal and or alteration of original vegetation and overburden) (**Fig. 3**). Existing roads provide access to the property. Three buildings younger than 60 years of age (one dilapidated brick structure and two corrugated sheds) are located near the south-western boundary of the site (**Fig. 4**). Potential archaeological impact at each of the proposed site is considered to be non-existent.

Underlying geology at the site consist of potentially fossil-bearing Adelaide Subgroup (Beaufort Group, Karoo Supergroup) (**Fig. 5**), but outcrop visibility is hampered by well-developed, superficial deposits of geologically recent (Quaternary) overburden and a lack of topographical relief in the area. The likelihood of palaeontological impact on bedrock sediments underneath the agricultural overburden is considered to be extremely low.

It is recommended that the proposed development is exempt from a Phase 1 Heritage Impact Assessment.

Yours truly,



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Figure 1. Plot 147, Bloemspruit, Bloemfontein (portion of 1:50 000 scale topographic map 2926 AB Maselspoort, circa 1992 above and portion of 1:18 000 scale topographic map 2926 C3 Maselspoort, circa 1941 below).



Figure 2. Aerial view of the study area.



Figure 3. General view of Plot 147, looking north (top), south-west (middle) and north-east (bottom).



Figure 3. Plot 147, looking north (top) and north-west (bottom) with dilapidated house and sheds located to the left behind the eucalyptus trees.

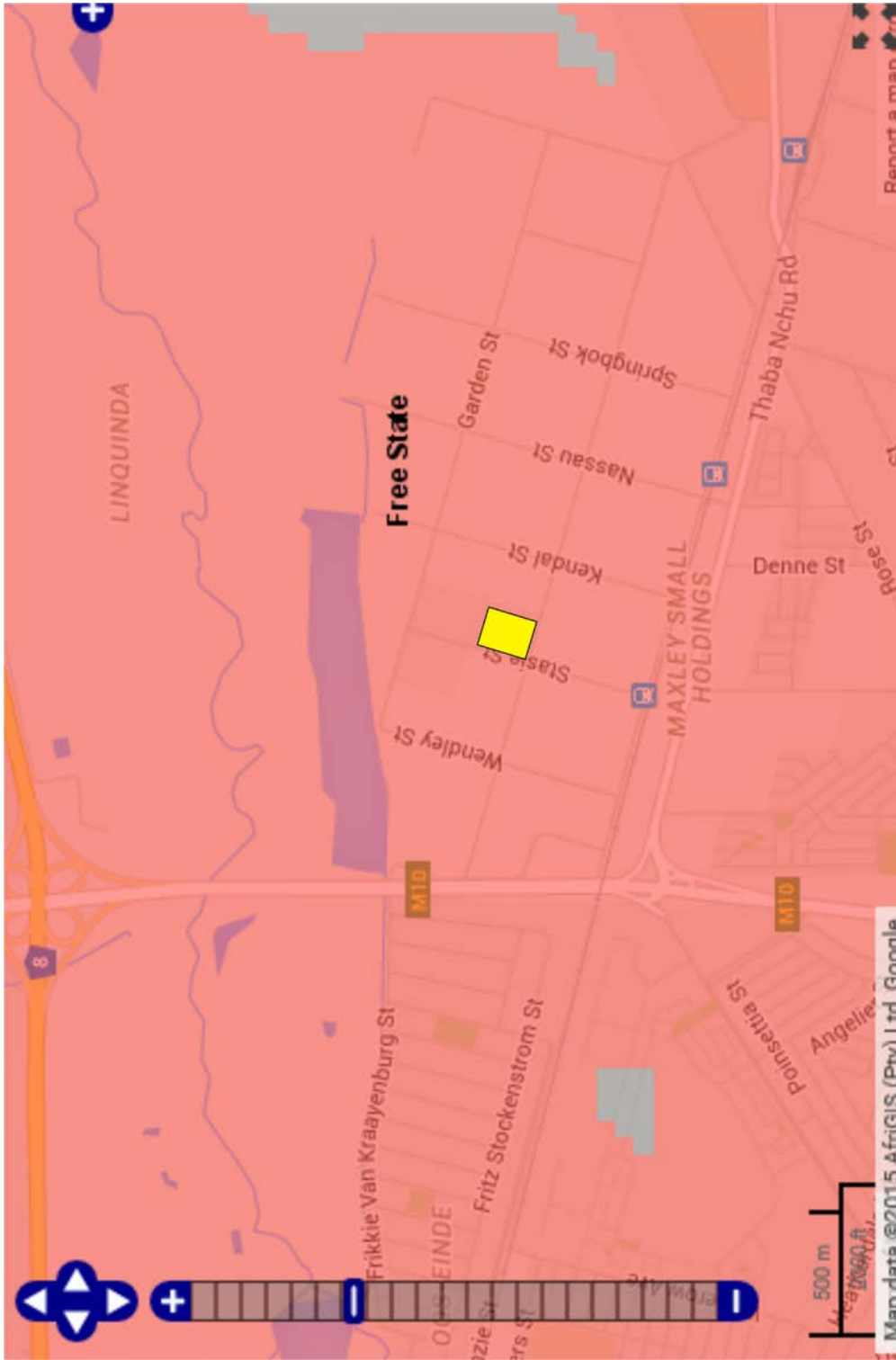


Figure 5. Distribution of palaeontologically sensitive sediments in the vicinity of Plot 147 (yellow rectangle) according to the SAHRIS Palaeontological Sensitivity Map. Red area = high sensitivity. Grey area = low sensitivity.