FINAL REPORT

COMPLETION OF SEARCH & RESCUE OPERATION

ERF 164232, MUIZENBERG

Prepared for:

SILLITO ENVIRONMENTAL CONSULTING

NOVEMBER 2009

TERMS OF REFERENCE and SCOPE OF WORK

The Nature Conservation Corporation was appointed by Sillito Environmental Consulting to conduct a flora search and rescue operation on erf 164232. The target species were decided in conjunction with City of Cape Town: Biodiversity Management Branch (Cassandra Sheasby and Clifford Dorse).

METHODOLOGY

A site meeting was held on 18 November 2009 with representatives of City of Cape: Biodiversity Management Branch (**CoCT: BM**) to discuss the day's proceedings. Thereafter a short briefing was held and all were informed of target species and the strategy for the day. The work team was divided in two, with each team allocated target species. The property was then thoroughly searched.

The target species were then exhumed and kept in separate species sacks in a cool shady spot. The material was then transported to NCC's holding nusery at Capricorn Business Park where it was potted and placed under 40% shade.

SITE DESCRIPTION

Erf 164232 is located on the M5 Highway south of Sunrise Beach. The vegetation is degraded, species-poor Cape Flats Dune Strandveld with a low-lying depression supporting species-poor Cape Lowland Freshwater Wetlands vegetation.

RESULTS

The following taxa were collected from the site:

TAXON	NUMBER
Albuca cooperi	5 bulbs
Chasmanthe aethiopica	460 corms
Scirpoides nodosus	175 clumps (of varying size)
Zantedeschia aethiopica	121 tubers

CONCLUSION and RECOMMENDATIONS

All accessible material of the target species was collected. Due to the impenetrable cover of taaibos *Searsia laevigata*, numerous arum *Zantedeschia aethiopica* and suurknol *Chasmanthe aethiopica* growing therein were not collected.

It is recommended that CoCT: BM staff visit the site at the breaking ground phase of the project to collect additional material as required.