

SEARCH AND RESCUE COMPLETION REPORT

Search and Rescue Completion Report; By-Pass Road; Culvert at Km1.47 along DR1257.



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8 November 2021



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2. INTRODUCTION

Guillaume Nel Environmental Consultants (GNEC) have been appointed to conduct a search and rescue of endemic species within the construction footprint of the by-pass road, along DR1257.

A search and rescue for endemic species have been conducted on the 4th and 5th of November 2021.

These species have been sustainably removed and taken to the GNEC rehabilitation nursery, where these species have been bagged and will be grown and multiplied for rehabilitation purposes.

The Search and rescue was done by GNEC's specialist team consisting of a Horticulturist and Rehabilitation Specialist.

3. SITE LOCATION AND STUDY AREA



FIGURE 1: LOCALITY MAP OF THE AREA WHERE THE SEARCH AND RESCUE HAS BEEN CONDUCTED.

4. SPECIES IDENTIFIED ON SITE THAT HAS BEEN SEARCH AND RESCUED.

Species identified on site that has been search and rescued.

Zantedeschia aethiopica; x105



Isochyrolepis subverticillata; x20



Aloe arborescens; x12



Carpobrotus edulis; x912



5. REMOVAL OF ENDEMIC SPECIES WITHIN THE CONSTRUCTION FOOTPRINT.

Zanthedeschia aethiopica; x105





Isochyrolepis subverticillata; x20





Aloe arborescens; x12



Carpobrotus edulis; x912



6. REPLANTING OF SEARCH AND RESCUED SPECIES WITHIN THE REHABILITATION NURSERY

Zanthedeschia aethiopica; x105





Isochyrolepis subverticillata; x20



Aloe arborescens; x8



Carpobrotus edulis; x 912



7. SEARCH AND RESCUED SPECIES PLANTED WITHIN THE REHABILITATION NURSERY

Zanthedescia aethiopica; x105



Isochyrolepsis subverticillata; x12



Aloe arborescens; x8



Carpobrotus edulis; x912



8. SEEDS COLLECTED DURING SEARCH & RESCUE

Endemic seed has been collected and stored within our seed containers at the nursery, after construction the disturbed area will be sown as part of the rehabilitation.

Searsia angustifolia



Athanasia trifurcata



Stoebe plumosa



9. CONCLUSION

A total of 1037 endemic species have been searched and rescued within the construction footprint.

GNEC in our professional capacity as rehabilitation specialist strongly feel that the search and rescue of endemic species have been very successful.

The searched and rescued species will be used during the rehabilitation after the construction activities along DR1257 has been completed.