

# Bankwest *Landscape* Conservation Visa Card

## Project Completion Report

### Project Title: **Protection of Muchea Limestone TEC at Bootine Nature Reserve**

Fencing of the northern boundary was undertaken at Bootine Nature Reserve in May 2008. In the funding application (Attachment 1) it was proposed that both the northern and eastern boundary fences would be replaced however only the northern boundary was replaced in May. A contractor was engaged to remove and install the new fence.

#### Prior to fence replacement

The existing northern fence line forms the boundary between the neighbouring private property to the north and Bootine Nature Reserve to the south. This boundary fence was in poor condition and in urgent need of replacement due to cattle entering the reserve and impacting the TEC.



*Figure 1: The northern boundary fence at Bootine Nature Reserve prior to replacement.*

#### After fence replacement

The Bankwest *Landscape* Visa Card funding granted for this project contributed towards the cost of purchasing materials and installing a new fence along the northern boundary of the nature reserve.



*Figure 2: The new northern boundary fence installed at Bootine Nature Reserve.*

## **Bankwest *Landscape* Conservation Visa Card**

### **Project application for funding**

Submissions of grants for small projects that should directly and clearly benefit a species currently ranked as Critically Endangered or Endangered or Vulnerable or an ecological community that is databased and ranked as Critically Endangered or Endangered or Vulnerable, or produce information on species or communities thought to be Critically Endangered or Endangered or Vulnerable so their listing and ranking can be undertaken. Projects on species that are under consideration for ranking as CR will also be considered.

**Project Title:** Protection of Muchea Limestone TEC at Bootine Nature Reserve

**Proponents:** Melissa Hoskins, Sean Walsh

#### **Introduction / Summary:**

Bootine Nature Reserve, of approximately 71 hectares, is located in the Shire of Gingin and contains an occurrence of the 'Endangered' Threatened Ecological Community known as 'Shrublands and woodlands on Muchea Limestone'. The extent of this occurrence at the reserve is approximately 65 hectares. Replacing the existing fences along the northern and eastern boundaries of the reserve will prevent cattle from the neighbouring property from entering the reserve and therefore protect the TEC occurrence from being damaged.

#### **Background:**

The Bootine Nature Reserve contains the largest known occurrence of the Muchea Limestone TEC, which is mostly in 'excellent' condition. The reserve is currently only fenced along the southern and western boundaries. The northern and eastern fence lines, with an approximate length of two kilometres, urgently need replacing as cattle from the neighbouring property to the north are currently entering the reserve, impacting the TEC occurrence. Upgrading the fences along two boundaries of the nature reserve will prevent access into the reserve by cattle inturn protecting this TEC and allowing the community to rehabilitate naturally.

**Conservation Outcome:** Protection of the 'Endangered' TEC by eliminating the impact of cattle damage throughout the Nature Reserve.

**Project Timing:** Summer 2007/2008

**Project Budget:** \$2,500 from Bankwest *Landscape* Conservation Visa Card to contribute to purchase of fencing materials. The adjoining neighbour will install the fence. The balance will come from the District's Nature Conservation budget.